AR2009-077

MINOTAUR ATLANTIC EXPLORATION LTD.

MINOTAUR

EXPLORATION FOR IRON OXIDE COPPER-GOLD ALONG THE COBEQUID-CHEDABUCTO STRUCTURE, NOVA SCOTIA

ASSESSMENT REPORT COVERING MAIN BLOCK OF LICENCES WITH JULY RENEWAL DATES

LICENCES

7404, 7405, 7406, 7406A, 7407, 7408, 7409, 7410, 7412, 7417, 7429, 7444, 7445, 7446, 7450, 7451, 7452,7454, 7461,7462, 7476, 7479, 7485, 7486, 7487,7488, 7489, 7494, 7495, 7496, 7497, 7498, 7499, 7505, 7506, 7513, 7514, 7515, 7516, 7517, 7531, 7532, 7533, 7534, 7536, 7537, 7539, 7540, 7551, 7553, 7554, 7555, 7556, 7557, 7567, 7569, 7570, 7571, 7572, 7573, 7574, 7575, 7578, 7579, 7581, 7582, 7583, 7584, 7585, 7587, 7595, 7596, 7597, 7598, 7599, 7599A, 7600, 7601, 7602, 7605, 7606, 7607, 7608, 7609, 7610, 7612, 7612, 7661

Tony Belperio, PhD
Gregory Morris P.Geo.
John O'Sullivan P.Eng

August 2009

DNRMPT AUG19'09 10:03

247 Greenhill Road, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8 8366 6001
Website www.minotaurexploration.com.au
Email admin@minotaurexploration.com.au
A.C.N. 108 483 6001

DUPLICATE AVAILABLE

Table of Contents

Summary.....1

Introduction..... 2

Location and Access.....3

Licence Tabulation.....4

Work Performed..... 5

Gravity Survey..... 5

Geological Mapping and Prospecting.....6

Diamond Drilling.....48

Interpretation of Results..... 50

Gravity survey..... 50

Geology..... 50

Diamond Drilling..... 51

Conclusions and Recommendations..... 51

Bibliography..... 52

List of Figures

✓ Figure 1 Claim Location Map.....3

✓ Figure 2 Major IOG –type mineral Occurrences in central NS.....7

✓ Figure 3 Diamond Drill Hole Location Map.....After page 48

✓ Figure 4 Gravity map with Drill Hole Locations.....After Page4

List of Drawings

✓ Dwg. A1-1 Geology Map Anomalies NTS 21H/7D and 21H/8C (west)

✓ Dwg. A1-2 Gravity Map Anomalies NTS 21H/7D and 21H/8C (west)

✓ Dwg. B1-1 Geology Map Anomalies NTS 21H/8C, 21H/8D, 21H/9A, 21H/9B

✓ Dwg B1-2 Gravity Map Anomalies NTS 21H/8C, 21H/8D, 21H/9A, 21H/9B

✓ Dwg C1-1 Geology Map Anomalies NTS 11E/5C, 11E/5D, 11E/12A, 11E/12B

✓ Dwg C1-2 Gravity Anomalies NTS 11E/5C, 11E/5D, 11E/12A, 11E/12B

✓ Dwg D1-1 Geology Map Anomalies NTS 11E/11A, 11E/11B, 11E/10A, 11E/12B

✓ Dwg D1-2 Gravity Map Anomalies NTS 11E/11A, 11E/11B, 11E/10A, 11E/12B

✓ Dwg E1-1 Geology Map Anomalies NTS 11E/8D

✓ Dwg E1-2 Gravity Map Anomalies NTS 11E/8D

✓ Dwg F1-1 Geology Map Anomalies NTS 11F/5C

✓ Dwg F1-2 Gravity Map Anomalies NTS 11F/5C

List of Tables

✓Table 1 List of Licences..... 4

Appendices

✓ Appendix I Certificate of Qualifications

✓ Appendix II Licence Tabulation

✓ Appendix III Geophysics Methodology

✓ Appendix IV Certificates of Assay

✓ Appendix V Diamond Drill Logs

✓ Appendix VI Rock Sample Descriptions

✓ Appendix VII Listing of Gravity Stations (PDF file only on DVD)

SUMMARY

Iron Oxide Copper Gold systems (IOCG) have been recognized in Nova Scotia and in July 2007 Minotaur Atlantic Exploration Limited acquired a very large land package over prospective land. This was followed in October by additional staking and later by acquiring additional ground through five agreements with local prospectors.

This report covers the second year's work completed on the on 133 licences holding 8190 claims. These claims had been reduced from a group of 250 licences staked in July 2007. All of the gravity targets outlined in the first year's work had been retained in this group.

Following the completion of the second year's work, the licences have now been reduced to 3115 Claims held in 87 Licences.

A road based regional gravity program was started in October 2007 using two crews taking readings at 200-300 metre intervals on toad traverses throughout the entire land holding. The reconnaissance work has been completed and was followed up by a substantial detailed follow-up on selected anomalies.

Geophysical interpretation, including 3D inversion modeling was used to define drill targets.

The geological mapping and prospecting over the gravity targets has proven a very effective tool and has resulted in the discovery of several new mineral showings.

To date, one drill target has been tested (Anomaly NS25). Hematite and sulphide altered granitic rocks were intersected in the two holes completed. Minor copper values were intersected.

INTRODUCTION

In July 2007, Minotaur Exploration Limited applied for 250 Exploration Licences comprising in excess of 2,800 square kilometers of ground along the Cobequid-Chedabucto Fault Zone in central Nova Scotia. Simultaneously, Minotaur established a wholly owned subsidiary (Minotaur Atlantic Exploration Ltd), incorporated and registered in Nova Scotia, for the purpose of undertaking exploration for copper-gold in Canada and transferred the licence applications to that entity. A Memorandum of Understanding, later superseded by a Joint Venture Letter Agreement, was subsequently signed with Dundee Precious Metals Inc., whereby Dundee can earn a 51 percent equity by funding C$4 million of exploration over three years.

Five option agreements were signed with prospectors holding the Bass River, West Londonderry, East Londonderry, Central Copper Lake and Copper Lake Surrounds tenements.

During the first year, a regional tenement – wide gravity survey was completed, and integrated with geological, geochemical, structural and magnetic data. Areas considered significant for iron oxide copper-gold style alteration and mineralization were defined. Initial ground inspections provided other information which were used to target areas for detailed ground investigations in year two.

LOCATION AND ACCESS

The mineral Licences held by Minotaur Atlantic Exploration Limited cover a large section of Central Nova Scotia covering the Cobequid-Chedabucto Fault Zone, for an east-west distance of 270 kilometers and having an approximate north-south width of 15 to 25 kilometres. This extends from Cape Chignecto in the west, to Guysborough in the east. A total of 250 licences were staked in July of 2007 and a further 77 licences were staked in October of 2007.

The holdings cover a broad range of topography, ranging from farmland, to deeply incised hills in the Cobequid Mountains. Access throughout the area is excellent and with well-developed highways and bush roads there are few problems in getting access on the claim group for general reconnaissance.

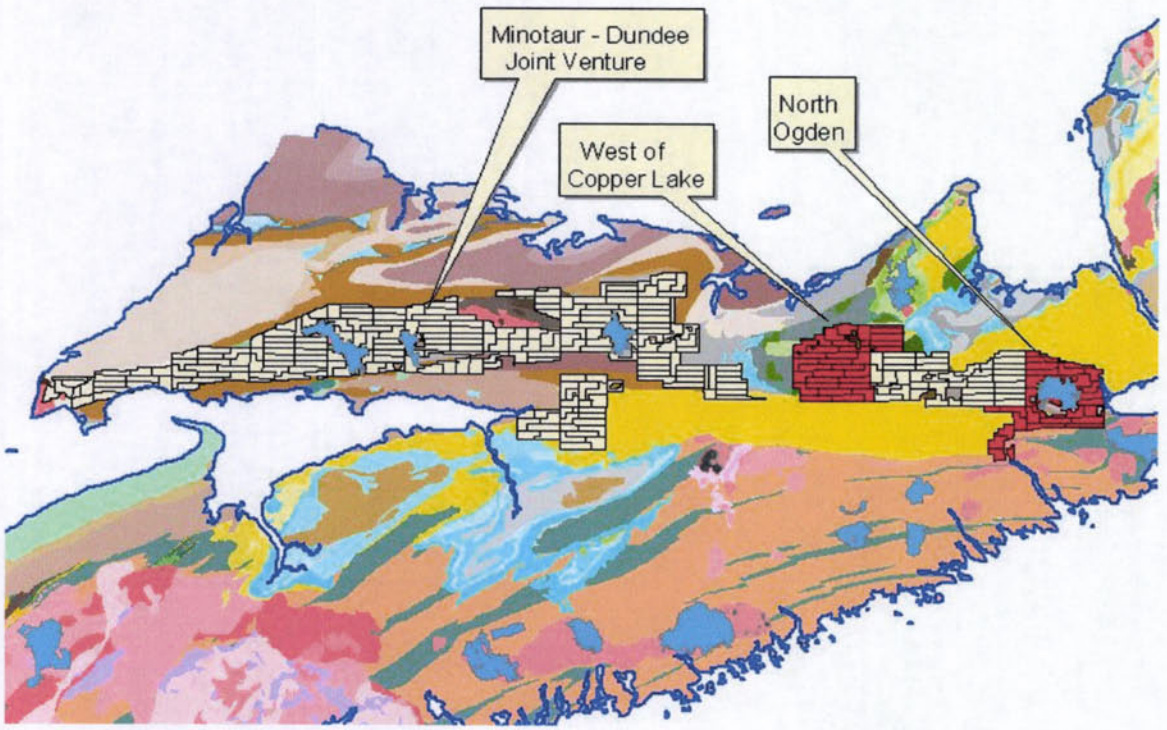


Figure 1 Claim Location Map

LICENCE TABULATION

The mineral claims are held as a number of discrete groups. The main group consists of those staked in July 2007 and originally consisted of 250 licences. An additional 77 Licences were staked in October 2007 and a further 313 claims in 15 licences were optioned from Elk Explorations Ltd., Lindsay Allen, Ecum Secum Enterprises and Blackfly Exploration and Mining.

The original group of 250 licences staked in July of 2007 was reduced to 132 licences containing 8166 claims in July 2008. These have subsequently been reduced to 3115 claims in 87 licences in July 2009. These claims are the subject of this report.

The following licences are covered in this report. Only a listing of licences is presented here and a full listing with details is attached as Appendix II.

Licences 7404, 7405, 7406, 7406A, 7407, 7408, 7409, 7410, 7412, 7417, 7429, 7444, 7445, 7446, 7450, 7451, 7452,7454, 7461,7462, 7476, 7479, 7485, 7486, 7487,7488, 7489, 7494, 7495, 7496, 7497, 7498, 7499, 7505, 7506, 7513, 7514, 7515, 7516, 7517, 7531, 7532, 7533, 7534, 7536, 7537, 7539, 7540, 7551, 7553, 7554, 7555, 7556, 7557, 7567, 7569, 7570, 7571, 7572, 7573, 7574, 7575, 7578, 7579, 7581, 7582, 7583, 7584, 7585, 7587, 7595, 7596, 7597, 7598, 7599, 7599A, 7600, 7601, 7602, 7605, 7606, 7607, 7608, 7609, 7610, 7612, 7612, 7661

Table 1 List of Licences

WORK PERFORMED

1) Reconnaissance Gravity survey over entire property. This work was started in October of 2007 and was supplemented in July of 2008 with closer spaced detailing of selected higher priority anomalies. The complete ground gravity survey was completed in January 2009.

2) Detailed analysis of gravity data using filtering methods and 3D inversion modeling of selected high priority targets.

3) Reconnaissance prospecting and geological mapping over entire property. The past year's work was a continuation of the work begun in May 2008.

4) Compilation of government and industry data and establishment of AutoCAD and GIS data base at a scale of 1:10,000.

5) Diamond Drilling of two holes in Licence

GRAVITY SURVEY

A reconnaissance gravity program was started in October 2007 and covered all the various groups of the Minotaur licences. Initially one crew was used, but a second crew was later added.

The reconnaissance survey involved taking readings at 200-300 metre intervals on all accessible roads throughout the property.

The survey outlined 70 to 80 individual gravity high features. Some of these are due to the presence of gabbro, while others are related to oxide alteration zones and other features prospective for IOCG deposits. A total of 28 anomalies are considered significance and detailed closer spacing surveying is being used to closer define the targets. Because of the number of targets defined and the size of the property, the interpretation of the data is a slow process and no specific targets are yet evaluated.

Current work is concentrated on better defining the more significant targets which have been enhanced by the discovery of new mineral showings as a result of the prospecting and geological mapping programs.

Field work was carried out by Eastern Geophysics of Pubnico, Nova Scotia using a La-Coste and Rhomberg Gravity Meter, with Allegro data logger and differential GPS, providing excellent elevation and special control.

Previous gravity surveys over the area were very regional in nature and this survey for the first time provides detailed coverage and will lead to a better understanding of the gravity features of this part of the province.

Raw data was processed to provide first vertical derivative (1VD) Bouguer contours. The 1VD image plots the change in amplitude of the gravity response with distance and is used to enhance shallower gravity features which present the better targets. These values are presented as colour plots at a scale of 1:50,000 on Dwgs. A1-2, B1-2, C1-2, D1-2, E1-2 and F1-2.

The individual gravity anomalies (NS01 to NS 71) are identified on these maps.

To complement the gravity data, the airborne magnetic data has been compiled and is being used with the geology better understand the character of the anomalies and to prioritize targets.

GEOLOGICAL MAPPING AND PROSPECTING

The Cobequid–Chedabucto Fault Zone comprises a series of crustal-scale faults along a length of ~125 km and up to 25 km wide that bisects central Nova Scotia into two different terranes (Avalon and Meguma Terranes). The fault zone is host to >100 mineral occurrences and small deposits of Fe-oxide $\pm$Cu $\pm$Co $\pm$Au $\pm$Ni $\pm$Ba and consisting of ankerite and siderite with significant amounts of magnetite, specular haematite, pyrite, chalcopyrite and barite. Mineral occurrences range from single veins to breccia systems and are associated with widespread carbonate alteration (ankerite, siderite and calcite) along with silica and sericite alteration. Better known mineralised occurrences are at Londonderry, Copper Lake, Bridgeville, Mt Thom and Bass River (Figure 2).

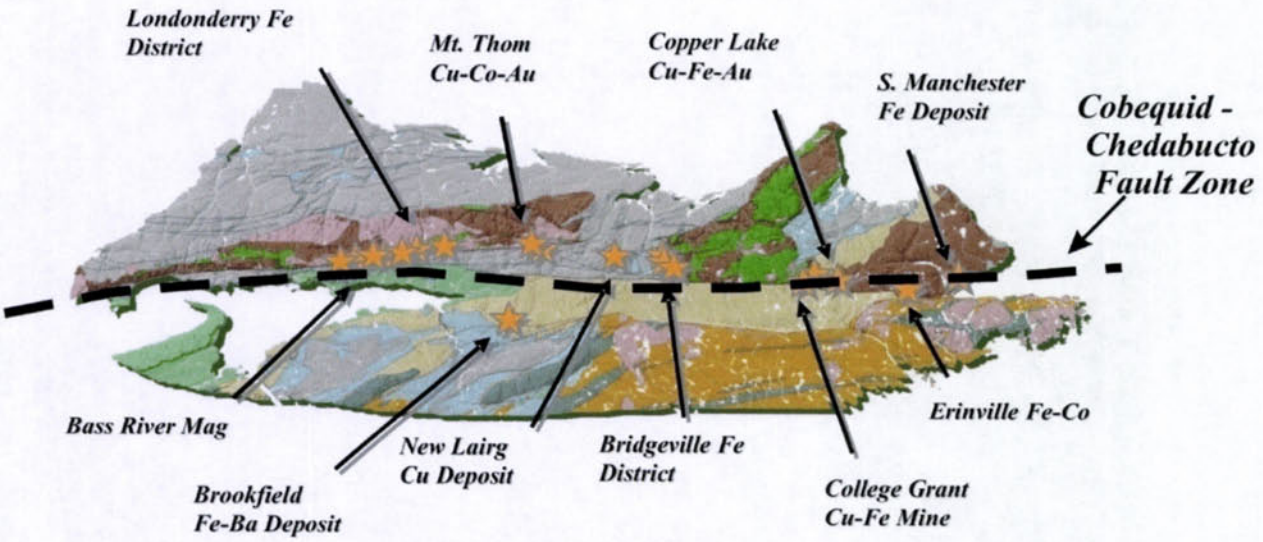


Figure 2: Major IOCG-type mineral occurrences in central Nova Scotia

In April 2008 a prospecting and geological mapping program was initiated. Initially this work was carried out on road traverses, but as data from the gravity survey delineated target areas, the geological work was expanded to river and stream traverses.

Field work was carried out by Gregory Morris P. Geo. and prospectors Lindsay Allen and Alex DeBay. Tony Belperio and John O'Sullivan spent limited periods in the field.

Base geological data was compiled from 1:50,000 mapping of Donohoe and Piper in the area west of New Glasgow and from Murphy's mapping to the east of New Glasgow.

For such a large area it is convenient to report the geological results in a sequence relating to the individual Gravity anomalies (NS01 to NS71). The individual licence numbers are also recorded in the anomaly descriptions. This has proven to be an efficient way of compiling data on an anomaly basis

Rock samples have been bagged and retained at the Minotaur office.

Outcrop over most of the areas is sparse, with only sporadic outcrops occurring along roads and streams. On the more rugged areas, there is reasonable outcrop exposure along deeply incised streams, but often, access is limited by steep waterfalls.

The geology is described sequentially under the Listing of individual Gravity anomalies NS01 to NS 71 as the main focus of the mapping was to follow up specifically on these anomalies. Listing of rock samples with descriptions is contained in Appendix VII . Assaysfor selectedrock samples is included as Appendix IV.

Geological mapping based on Donohoe, Pe-Piper in the area west and Murphy is shown in Dwgs A1-1, B1-1, C1-1, D1-1, E1-1 and F1-1 show this geology with our current mapping and rock sample listing. Specific Gravity and Magnetic Susceptibility readings were taken on a high percentage of the samples. A listing of samples is shown in Appendix VI.

GRAVITY ANOMALY NS-01

NTS 21H/7D. Licences 07771, 07572, 07573

The gravity anomaly lies on the north boundary of the Cobequid Fault Zone along the faulted contact of the Nuttby Formation and a thin unit Jeffers Block gabbro (Piper et al., 2005).

Gravity anomaly NS-01 (waypoints AN-01-01-AN-01-06) is located on the top of a hill, on an old logging east of East Fraserville off Route 2. There is an outcrop of light gray non-magnetic conglomerate which occurs at waypoint AN-01-01 with low magnetic susceptibilities of 0.50 to 1.00 SI. There are dark gray fine grained magnetic mafic intrusive (gabbro and diorite) outcrops that occur at waypoints AN-01-02 to AN-01-06. There is also a dark gray magnetic gabbro outcrop at the center of the gravity anomaly. Magnetic susceptibilities of the mafic intrusive rocks vary from 9.0 to 52 SI.

GRAVITY ANOMALY NS-02

NTS 21H/7D. Licences 07573, 07575

The gravity anomaly is located at the north edge of the Cobequid Fault Zone along the faulted contact of the Nuttby Formation and consists of thin Devonian to Carboniferous medium grained granite (Piper et al., 2005).

Gravity anomaly NS-02 occurs at the top of a hill (topography high) on an old logging road off the Granville Road. There are no outcrop exposures at the center of the anomaly

or on the logging roads in the area. A gravel pit, located at waypoint AN-02-01, has reddish brown cobbles and boulders of non magnetic quartzite and siltstone.

GRAVITY ANOMALY NS-03

NTS 21H/7D. Licences 07574, 07575

The gravity anomaly (same geology as gravity anomaly NS-02) is located at the north edge of the Cobequid Fault Zone along the faulted contact of the Nuttby Formation and consists of thin Devonian to Carboniferous medium grained granite (Piper et al., 2005).

The anomaly is located in a valley, one point five kilometers northwest of anomaly 2, along an old logging road at the edge of a blue berry field. There is no outcrop exposed at the center of the anomaly or in the area. Outcrop exposure in the area for anomalies 2 and 3 is <1%. The only outcrop exposed in the area is located south of anomalies 2 and 3 on the Granville Road at waypoint GR-01. The outcrop (rock quarry) has malachite staining (waypoint GR-1) associated with reddish brown non magnetic metasediments. Magnetic susceptibilities vary from 0.2 to 0.50 SI.

GRAVITY ANOMALY NS-04

21H/8C, 21H/7D. Licences 7574, 7578, 7582

The gravity anomaly occurs on the north edge of the Cobequid Fault Zone at the faulted contact of the Falls Formation and the Nuttby Formation (Piper et al., 2005).

The anomaly (waypoints AN-04-01) occurs on the top of an old logging road north of the settlement of Diligent River. Access to the gravity anomaly is excellent along old logging roads. There are no outcrop exposures at the center of the anomaly or on any of the roads in the area.

GRAVITY ANOMALY NS-05

21H/8C Licences 07581, 07585, 07586, 07587

The gravity anomaly occurs one kilometer north of the Cobequid Fault Zone at the faulted contact of the Cranberry Lake Formation and consists of medium grained granite that forms part of the Hanna Farm Pluton (Piper et al., 2005).

The gravity anomaly (waypoints AN-05-1-AN-05-05) occurs on the top of a hill (next to a blue berry field). Outcrop exposures of non magnetic metasediments occur on the edge of the gravity anomaly (waypoints AN-05-01 and AN-05-02) with low magnetic susceptibilities of 0.15 SI. A light green medium grained magnetic (magnetic susceptibility 9-27 SI) granodiorite outcrop occurs at the center of gravity anomaly 5 (waypoint AN-05-03 and AN-05-4). A reddish brown non-magnetic granite outcrop occurs at waypoint AN-05-05.

Hanna Brook is located 500 meters north of the gravity anomaly. There is good outcrop exposure (waypoints AN-05-06-AN-05-19) in the brook. Light orange brown fault breccias with strong hematite alteration are exposed at waypoints AN-05-08, AN-05-11, AN-05-13, and AN-05-17 (see rock samples). The breccias are exposed along the east edge of the Hanna Farm Pluton.

A stream (no name) located along the south boundary of the gravity anomaly (waypoints AN-05-20-AN-05-25) has outcrop exposures of granite and sedimentary rocks (siltstone and conglomerate). Reddish brown (hematite along fractures) with trace sulphides occurs at waypoint AN-05-22.

A small brook (no name) located across from Spence Road (across from Donnie Quinton's Farm) off Route 2 drains eastward into Farrell's River. Donnie Quinton has given us permission to walk on his property. Chalcopyrite mineralization occurs in the brook southeast of the gravity anomaly. Chalcopyrite and pyrite (1-2%) occurs along fractures with hematite hosted in granite at waypoint AN-05-30. Light green non magnetic conglomerate with 1-2% finely disseminated chalcopyrite occurs at waypoints AN-05-32 and AN-05-33).

The northwest trending brook, west of Murray Lake, and the northwest extension of Wharton Lake located southwest of the gravity anomaly were prospected for copper (waypoints AN-05-36-AN-05-46). Outcrops of granite, shale and minor gabbro are exposed in the brooks. Reddish brown strongly fractured non magnetic hematite rich granite is exposed for 25 meters in Wharton Brook (waypoint AN-05-40) as well as in the

brook west of Murray Lake (no name). Light gray well bedded shale is exposed north of CBFZ where Wharton Brook extends in a northwest direction.

The Jeffers Brook Pluton (NS-5A) is located two kilometers east of Hanna Farm Pluton (NS-05). The area (AN-5A-01-AN-5A-08) is underlain by gabbro, granite, siltstone and quartzite. Magnetic susceptibilities vary from (0.1-7.0 SI). The sedimentary rocks contain minor iron staining and the intrusive rocks are foliated with no alteration (i.e. hematite).

GRAVITY ANOMALY NS-06

21H/8C, 21H/8D. Licences 7586, 7598

The gravity anomaly occurs four kilometers north of the Cobequid Fault Zone along the faulted contact of the Cranberry Lake Formation and the Fountain Lake Group (Piper et al., 2005).

The anomaly (waypoints AN-06-01-AN-06-06) is located along a logging road north of Route 4. The center of the anomaly has <1% outcrop. There is an outcrop of non magnetic metasediments 47 meters south of the center of the anomaly. There is an outcrop of magnetic basalt 346 meters south of the gravity anomaly (magnetic susceptibility 15-65 SI). Outcrops of vesicular non-magnetic basalt occur 500 meters further south of the anomaly.

There is good outcrop exposure on the east end of the gravity anomaly (waypoints AN-06-40-AN-06-47) on a logging road north of Hatfield's Pond. The anomaly occurs at the faulted contact between reddish brown hematite rich non magnetic rhyolite (DCFr) with classic flow banding and the Cranberry Lake Formation (3Jc) to the north. Magnetic and non magnetic massive and vesicular basalt is exposed with light gray flat lying non magnetic shale.

The western area of the gravity (waypoints AN-06-48-AN-06-55) outcrop exposure consists of magnetic to non magnetic, epodite rich basalt with minor granite and rhyolite.

A steam located 3 kilometers south of the gravity anomaly has outcrops (waypoints AN-06-07-AN-06-16) of granite, shale, quartzite and rhyolite. Outcrop exposure in the creek

is excellent (>65%). The streams in the area trend in a north south direction, across the West Moose River Pluton, perpendicular to the CBFZ.

Dark red strongly hematite rich rhyolite is exposed at waypoint AN-06-10 (50 meters exposure along creek). Two shear zones are exposed in the creek: (1) North south trending fault (340 degrees/55 East) occurs at waypoint AN-06-13 with a one meter wide mafic dyke and (2) north south fault occurs at waypoint AN-06-11 (340 degrees/35 East).

The West Branch Moose River (waypoints AN-06-17-AN-06-21) trends in northwest direction and is located southwest of the gravity anomaly. The river contains good exposure (>75%) of granite and a thin wedge of sedimentary rocks (shale, quartzite and siltstone). A shear zone (mylonite) occurs at waypoint AN-06-19 (110 degrees/ 50 degrees south). The granites rocks are light brown to reddish, massive, medium grained, non magnetic with hematite along the fractures. A well-developed joint set occurs within the granite that is exposed in the river. An early joint set strikes east west (100 degrees) and dips 65 degrees south and a later one (joint set) strikes 020 degrees (north) and dips west at 60 degrees (waypoint AN-06-17). The shale units that are exposed in the creek are well bedded and have minor Fe staining. Dark gray fine grained mafic dyke at waypoint AN-06-18 cross cutting granite (faulted contact) with 1% pyrite.

Shipyard Brook (waypoints AN-06-18-AN-06-34) trends north south like most of the drainage systems in the area and is located southeast of the gravity anomaly. The brook cross cuts the CBFZ where there are outcrops of shale, siltstone and quartzite that are shattered to a gravel (excellent road material). Outcrops of granite and sedimentary rocks are exposed in the brook. The granite outcrops located south of mineral occurrence H08-003 are massive with minor hematite alteration along fractures (joints). Mineral occurrence H08-003 was located in the brook however the other copper occurrence (same number) located along the north edge of the brook was not located due to clear cutting of the forest. Copper and iron occurrence H08-003 that was located in the brook occurs at the contact of granite with a quartz vein stockwork and dark gray to black fine grained shale. Coarse chalcopyrite blebs are associated with quartz veins in the granite and along cleavage planes in the shale. Noranda Exploration drilled several holes next to the copper

and iron occurrence and the only evidence of the drill holes is an old trail along the edge of a hill.

Massive magnetite boulders in an old gravel pit along the side of an old logging road (waypoint AN-06-35). The gray boulders (20cmx 30cm) of magnetite were brought over from Newfoundland (Tony Barrett). These magnetite boulders are not from this area.

Mineral occurrence H08-067 (waypoint AN-06-37) occurs at the contact of a granite and shale. Finely disseminated pyrite and chalcopyrite occurs along the cleavage planes in the shale. There is also a rock quarry located off the main logging road (waypoint AN-06-56) located just north of the known mineral occurrence that contains granite with thin slivers of fine grained sheared shale with chalcopyrite along cleavage planes (low angle thrust fault) as well as quartz veining containing chalcopyrite.

Copper and lead mineral occurrence H08-068 is located along at the edge of a steep talus slope within the CBFZ. There are large boulders of sheared granite, sedimentary rocks, and rhyolite with trace sulphides.

GRAVITY ANOMALY NS-07

21H/8D. Licences 7596, 7600

The gravity anomaly occurs approximately two kilometers east of gravity anomaly NS-06, and trends southwest approximately one to five kilometers north of the Cobequid Fault Zone along the contacts of the Cranberry Lake Formation and the Fountain Lake Group (Piper et al., 2005).

The anomaly (waypoints AN-07-001-AN-07-010) is located on Lot Road (logging road), six kilometers north off Route 2. The anomaly area has outcrops of magnetic basalt and gabbro (magnetic susceptibility 7.8 to 65 SI) with non magnetic outcrop exposures of rhyolite and metavolcanics (magnetic susceptibility 0.20 to 0.50 SI). Specular hematite stringers occur in dark gray non magnetic basalt (sample AN-07-04). Flat lying metasediments occur 300 meters north of the center of the gravity anomaly.

The North West Extension of the gravity (west of East Branch Moose River) anomaly (waypoints AN-07-11-AN-07-22) has the same type of geology as gravity anomaly NS-06. The anomaly occurs at the faulted contact between predominantly reddish brown hematite rich non magnetic rhyolite (DCFr) and the Cranberry Lake Formation (3Jc) to the north.

GRAVITY ANOMALY NS-08

NTS 21H/9A, 21H/9B, Licence 07608

The gravity anomaly occurs along the Spicers Cove Fault ten kilometers north of the Cobequid Fault Zone along the contacts of the Fountain Lake Group and contains medium grained granite (Piper et al., 2005).

The anomaly (waypoint AN-08-01) occurs on the top of a hill (topography high) with maple trees. There is no outcrop in the area however there is a large gravel quarry near the gravity anomaly (waypoint AN-08-01) that contains 25 meter thick reddish brown strongly oxidized (hematite) sand and gravel (gravel quarry) that is currently being excavated.

West Brook (drains south to north) occurs along the western edge of the gravity anomaly and trends in a north south direction. Two stream sediment copper anomalies occur in the brook. Outcrops of gabbro, basalt, shale and siltstone are exposed in the brook (waypoints AN-08-02-AN-08-09). The geology in the area is mapped as rhyolite (Fountain Lake Group DCFr), grey, fine grained sandstone and siltstone (Wilson Brook Formation Sw), grey lithic arkose,siltstone, andargillite (3Jc Cranberry Lake Formation) as well as basalt, rhyolite, conglomerate, sandstone, siltstone (DCF Fountain Lake Group). There was no outcrop exposures of rhyolite (Fountain Lake Group DCFr) exposed in the brook. Gabbro, granodiorite and basalt are exposed in the brook instead of rhyolite. Light green sheared non-magnetic granodiorite with 1-2% pyrite and chalcopyrite occurs at waypoint AN-08-03. The mineral occurrence is not documented. Fossils (sea shells) occur in light green fine grained well interbedded (waypoint AN-08-05) siltstone and sandstone (Wilson Brook Formation Sw).

Outcrops of reddish gray weakly magnetic granodiorite are exposed 1.5 kilometers east of the gravity anomaly along an old logging trail (waypoints AN-08-10 and AN-08-11).

Dark gray green magnetic and non magnetic gabbro and granodiorite (waypoints AN-08-12-AN-08-14) occurs along the southeast edge (blueberry field) of the anomaly (magnetic susceptibilities 1.0 to 23.0 SI). There is an old rock quarry with mafic to intermediate intrusive rocks in contact with reddish brown hematite rich brecciated mudstone (faulted contact).

GRAVITY ANOMALIES NS-09

NTS 21H/9A. NS-09 Licences 07607, 07609, 07610,

Gravity anomaly NS-09 occurs ten kilometers north of the Cobequid Fault Zone along the faulted contact of the Wyvern Pluton and Fountain Lake Formation granite (Piper et al., 2005).

The anomaly 9 occurs on the top of the hill approximately eleven kilometers north on Lynn Road, off Route 2, next to a blueberry field. Only one outcrop (waypoint AN-09-01) of granite was located. The granite outcrop is non magnetic with a magnetic susceptibility of 0.15 SI. Outcrop in the area is <1%.

GRAVITY ANOMALIES NS-10

NTS 21H/9A. Licences 07599, 07600

The gravity anomaly is located two kilometers north of the Cobequid Fault Zone within the Cranberry Lake Formation (Piper et al., 2005).

The anomaly (waypoints AN-10-01-AN-10-3) occurs four kilometers north off Route 2 on Lynn Road. Outcrop exposure occurs along on the edge of Lynn Road. Three outcrops of flat lying moderately magnetic metasediments (magnetic susceptibility 2.0 to 8.50 SI) occur in the area of anomaly 10. There is a reported Cu/Fe mineral (H08-065) occurrence located in the center of the anomaly; however the occurrence was not located.

GRAVITY ANONALY NS- 11

NTS 21H/8D Licences 07599, 07602

The gravity anomaly is located four kilometers north of the Cobequid Fault Zone along the faulted contact of North River Pluton and the Cranberry Lake Formation (Piper et al., 2005).

The anomaly (waypoints AN-11-01-AN-11-08) occurs north along Little York Road off Route 2. The center of the anomaly did not have any outcrop. An outcrop of light gray green magnetic massive mafic intrusive is located at waypoint AN-11-07 with magnetic susceptibility readings of 8.0-34 SI. North of the center point of anomaly 11 is an exposure of light green non magnetic metasediments (magnetic susceptibility0.21 to 0.51 SI). Two copper, lead, and zinc mineral occurrences occur south of the anomaly, but were not located. There are outcrops of reddish brown medium grained weakly magnetic granite along the road south of the anomaly. The contact between the granitic rocks and light green non magnetic metasediments occurs at waypoint AN-11-05.

Granite and gabbro outcrops (waypoints AN-11-09-AN-11-16) are exposed in Eaton Brook on the western edge of the North River Pluton, 2 kilometers southwest of gravity anomaly. Reddish brown strongly magnetite rich granite (hematite along fractures) occurs at the junction of the North River and Eaton Brook (waypoint AN-11-09). The North River (very steep sides) extents for 14 kilometers and is a major drainage system that cuts through the North River Pluton in a north south direction. Mineral occurrence H08-061 located in North River was not located.

The eastern area (waypoints AN-11-17-AN-11-24) of the North River Pluton, south east of the gravity anomaly and north of CBFZ was prospected for copper mineralization. Access to this area is along the New Britain Road located north of the settlement of Five Islands off Route 2. A lead, zinc and silver mineral occurrence (Nuttby Formation D-ECHnf) H08-016 (waypoint AN-11-17) is located on the New Britain Road. The sulphides occur in thin quartz veins and are hosted in folded shale that plunges 75 degrees to the west. Outcrops of granite (magnetic susceptibility 0.2 to 1.85 SI) and weakly magnetic gabbro (magnetic susceptibility 1.0 to 2.5 SI) are exposed north and east of New Britain. Strongly magnetic granite (magnetic susceptibility 6.0 to 14.00 SI) outcrops occurs east of Neds Brook.

Dark green gray fine grained massive magnetic diabase dykes (magnetic susceptibility 50 to 75 SI) cross cut fine grained non magnetic siltstone (Nuttby Formation) east of Little York Road, north of the CBFZ (waypoints AN-11-25-AN-11-27). The diabase dykes strike in a north direction (020 degrees). Strongly magnetic massive gabbro (magnetic

susceptibility 15 to 45 SI) is exposed west of Bass River of Five Islands on an old logging road one kilometer south of gravity anomaly 11 (waypoint AN-11-29).

GRAVITY ANOMALY NS-12

NTS 21H/9A. Licences 07610, 07612

The gravity anomaly is located nine kilometers north of the Cobequid Fault Zone within the Wyvern Pluton (Piper et al., 2005).

The anomaly (waypoints AN-12-01 and AN-12-02) is located north west of British Lake, along the south west edge of the Economy River Wilderness Area. The anomaly occurs on a topography high (270m) along a logging road. Red non magnetic strongly hematite rich siltstone (waypoint AN-12-01) is located southwest of the anomaly on a logging road. At waypoint AN-12-02 an outcrop of light gray medium grained magnetic granodiorite (magnetic susceptibility 25-65 SI) is exposed on the edge of the road.

GRAVITY ANOMALIES NS-13

NTS 11E/5C. Licences 07409, 07410

The gravity anomaly is located one kilometer north of the Cobequid Fault Zone (CBFZ) within the Pleasant Hill Pluton that consists of granite, gabbro and diorite (Piper et al., 2005).

The anomaly (waypoints AN-13-001-AN-13-006) occurs one kilometer east of an along an old logging road (Gerrish Valley Road). Several outcrops of magnetic granodiorite, granite and non magnetic siltstone occur along the road. The area has been logged and access is very good. Sheared granite (plus crosscutting mafic dyke) located at waypoint AN-13-006 is exposed on the road that has 1-3% sulphide. The deformed granite is located south of the gravity anomaly. Outcrop exposure in the area is <5% making it difficult to explain the gravity anomaly.

Beaver Brook trends in a north south direction and is located in the western area of the Pleasant Hills Pluton, southwest of the gravity anomaly. Conglomerate, granite, gabbro and shale outcrops are exposed in the brook. Conglomerate outcrops (waypoints AN-13-07-AN-13-09) occur on the southern side CBFZ. Light reddish brown hematite rich

sheared granite is exposed at the contact of shale, with 1-2% chalcopyrite and pyrite at waypoint AN-13-10. The mineral occurrence is not documented and occurs within the CBFZ. Light green fine to coarse grained magnetic gabbro outcrops are exposed north (waypoints AN-13-11 to AN-13-13) of the sheared granite.

A brook located one kilometer east of Beaver Brook cross cuts the southwest edge of gravity anomaly 13. Orange brown sheared (strongly foliated) granite outcrops in the brook along the edge of the Cobequid Mountain (waypoint AN-13-14). The shear zone trends east west (CBFZ). Light green fine-grained non-magnetic siltstone occurs north of the granite and contains Fe staining with 1-2% pyrite associated with thin quartz veinlets. Mylonite (classic s-c fabric) is exposed at waypoint AN-13-17. This shear zone (strongly foliated granite) strikes 042 degrees and dips 45 degrees south.

GRAVITY ANOMALIES NS-13W

NTS 11E/5C Licence 7410

The gravity anomaly (waypoints AN-13W-01-AN-13W-06) is located on Gerrish Road and 1.8 kilometers west of gravity anomaly NS-13. Orange red strongly foliated hematite rich granite (Pleasant Hills Pluton) is exposed on the Gerrish Road (CBFZ) at waypoint AN-13W-03. Reddish brown hematite rich sub outcrop is exposed at waypoints AN-13W-04 and AN-13W-05. Magnetic susceptibility values of the hematite rich granite in the area range from 1 and 8 SI.

GRAVITY ANOMALIES NS-14

NTS 11E/5C. Licences 07409, 07410

The gravity anomaly is located 1.5 kilometers north of the Cobequid Fault Zone and one kilometer east of gravity anomaly NS-13 within the Pleasant Hill Pluton and that is composed of granite, gabbro and diorite (Piper et al., 2005).

A granite (magnetic) outcrop (AN-14-001) occurs on the edge of the anomaly. Magnetic susceptibility values in the area range from 1.40 in the metasediments to 25 for the intrusive rocks.

Carrs Brook trends north south and occurs in the western area of the Pleasant Hills Pluton. There is a copper anomaly in stream sediment located within CBFZ on the south edge of the Cobequid Mountain. The copper anomaly is located within light gray silicified conglomerate and shale (CBFZ) outcrops that are strongly magnetic with 1-2% pyrite and iron staining and carbonate veinlets. The sulphide rich sheared sedimentary rocks are exposed northward from waypoint AN-14-02 for 75 meters. North of the sheared sedimentary rocks in Carr Brook an outcrop of light orange red strongly foliated (classic S-C fabric) sheared granite (mylonite) is exposed at waypoint AN-14-04. This shear zone is exposed in several outcrops for at least 350 meters north in the brook from waypoint AN-14-04 and occurs as east west structure on Piper's geology map. The shear zone has the same characteristics as the sheared granite located at waypoint AN-13-17. The airborne magnetic survey defines the CBFZ as a strong magnetic feature for a distance of 23 kilometers from Gerrish Road eastward.

GRAVITY ANOMALY NS-15

NTS 11E/12B. Licences 07533, 07534, 07540

The gravity anomaly is located eight kilometers north of the Cobequid Fault Zone at the intersection of a northeast striking late cross cutting fault within the Wyvern Pluton, Fountain Lake Formation and Late Devonian to Early Carboniferous fine grained granite (Piper et al., 2005).

The anomaly occurs along the edge of a lake (north boundary of wilderness area). The topography in the area is flat and there is no outcrop. The anomaly is covered with overburden.

GRAVITY ANOMALY NS-16

NTS 11E/12B Licence 07532

The gravity anomaly is located four kilometers north of the Cobequid Fault Zone and occurs within the Murphy Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-16-01-AN-16-13) is located on an old logging road 400 meters off the (East of Economy Lake) Old Economy Road north of Bass River (north boundary of wilderness area). Dark green gray massive magnetic gabbro (dyke?) occurs

near the center of the gravity anomaly with high magnetic susceptibility values that vary from 8.00 to 12.25 SI. Light green/purple non magnetic outcrops of polymictic conglomerate and siltstones occur west of the gravity anomaly on the Old Economy Road with low magnetic susceptibility values between 0.10 to 0.20 SI. Southeast of the gravity anomaly along an old logging road, there is outcrop (waypoint AN-16-13) which is a magnetic rich volcaniclastic (some clasts are magnetic).

GRAVITY ANOMALY NS-17

NTS 11E/05C Licence 07406, 07407, 07408.

The gravity anomaly is located three kilometers north of the Cobequid Fault Zone at the contact of, and along the northern edge of the Pleasant Hill Pluton (gabbro and diorite) and Wilson Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-17-1-AN-17-08) is located south of gravity anomaly 16 on the Old Economy Road (east boundary of wilderness area). Outcrop exposure in the area is 5-10%. Dark green gray massive magnetic gabbro (dyke?) occurs near the center of the gravity anomaly (waypoints AN-17-05 and AN-17-06). Light green fine grained siltstones (Wilson Brook Formation) are exposed north and south of the gravity anomaly on the road.

GRAVITY ANOMALY NS-18

NTS 11E/12B. Licences 07531, 07539, parts in 07532 and 07536

The gravity anomaly is located six kilometers north of the Cobequid Fault Zone within the Fountain Lake Formation and consists of Late Devonian to Early Carboniferous fine grained granite (Piper et al., 2005).

The anomaly (waypoints AN-18-01-AN-18-04) can be accessed from the village of Portapique, north on Old Castlereagh Road or south on Silica Road from Mountain Road. There is no outcrop exposed over the center of the gravity anomaly, however a magnetic diabase dyke in contact with strongly oxidized reddish brown well bedded non magnetic siltstones (waypoint AN-18-02) is exposed 500 meters south of the center of the gravity anomaly. The diabase dyke had magnetic susceptibilities between 5.1 to 11.1 SI. An

outcrop of dark green gray magnetic fine grained weakly magnetic gabbro occurs 400 meters north of the gravity anomaly.

An alternative access to the gravity anomaly (AN-18-05-AN-18-09) is by a series of logging roads approximately 8 kilometers west of exit 8 from highway 104 and south on Ripley No. 4 Road. Irving owns the forest rights in the area and has maintained the logging roads. Magnetic basalt and gabbro are exposed west of the gravity anomaly with high magnetic susceptibilities from 5.0 to 30.00 SI.

GRAVITY ANOMALY NS-19

NTS 11E/12B. Licences 07544, 07545,

The gravity anomaly is located on the north side of the Cobequid Mountains within the Jeffers Group and directly over the Jeffers Black granodiorite (Piper et al., 2005).

The anomaly (waypoints AN-19-1-AN-19-3) is located approximately four kilometers south on Ripley Road (off Wentworth-Collingwood Road) and on top of a hill (blueberry field). There was no outcrop located at the center of the gravity anomaly. Light brown silicified weakly magnetic rhyolite (waypoint AN-19-1) and an outcrop of light green gray massive magnetic gabbro (magnetic susceptibility 3.0 to 11.0 SI) is located on Ripley Road (waypoint AN-19-2).

There is a stream sediment copper anomaly located in Second River located two kilometers south of gravity anomaly. Coarse 1-3% sulphides (pyrite) hosted in a shear zone (waypoint AN-19-04). Light green weakly magnetic volcanic (agglomerate) occurs in the vicinity of the stream sediment copper anomaly.

A 100 meter wide gravel pit is located within the eastern edge of the gravity anomaly at waypoints AN-19-06 and AN-19-06A. Light green non magnetic intermediate volcanic (agglomerate) and highly magnetic massive magnetic east dipping (55 degrees) diabase dyke are exposed in the gravel pit.

GRAVITY ANOMALY NS-20

NTS 11E/12B. Licences 05744, 07545, other portions in Lic. 07522

The gravity anomaly is located on the north side of the Cobequid Mountains within the Jeffers Group and on the north edge of the Early Carboniferous gabbro/diorite intrusive body (Piper et al., 2005).

The anomaly (waypoints AN-20-1) is located on Silica Road, (off Wentworth-Collingwood Road) north of Sugar Mountain. There was no outcrop exposed on Silica Road or on a trail that was explored off Mountain Road. There is an outcrop of dark gray massive magnetic gabbro(magnetic susceptibility 7.0 to 45 SI) located two kilometers south of the gravity anomaly on Silica Road from Mountain Road

GRAVITY ANOMALY NS-21

NTS 11E/12B. Licences 0741, 0744

The gravity anomaly is located on the north side of the Cobequid Mountains in an Early Carboniferous gabbro/diorite intrusive body (Piper et al., 2005).

The anomaly (waypoints AN-21-1-AN-21-3) occurs at the top of a hill (topography high) on a power line southwest of the Silica Road (off Wentworth-Collingwood Road). Dark gray green fine grained strongly magnetic gabbro occurs at the center of the gravity anomaly (waypoints AN-21-02 and AN-21-03). Magnetic susceptibilities of the gabbro ranged from 20 to 36 SI.

GRAVITY ANOMALY NS-22

NTS 11E/12B. Licences 07519, 07541, 07544, 07522

The gravity anomaly is located on the north side of the Cobequid Mountains within an Early Carboniferous gabbro/diorite intrusive body (Piper et al., 2005).

The anomaly (waypoints AN-22-1-AN-22-10) is located east of Westchester Road on the top of a hill (blueberry field). Dark gray green massive strongly magnetic outcrops of gabbro (AN-22-1 to AN-22-10) are exposed on the logging trails that occur over the center and on the edge of the gravity anomaly. Magnetic susceptibilities of the gabbro ranged from 10 to 39 SI.

GRAVITY ANOMALY NS-23

NTS 11E/05C. Licences 06398, 07627 (Allen), 07404, 07406, 07412 (Minotaur)

Gravity anomaly 23 is bound by the Londonderry and Rockland Brook faults that contain tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005).

The gravity anomaly occurs within the Cobequid Fault Zone between the Londonderry and Rockland Brook faults. It is composed of tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005).

The anomaly (waypoints AN-23-01-AN-23-11) occurs north of the village of Portapique along the Castlereagh Road. The center of the gravity anomaly occurs on the south edge of a blueberry field in a topographic low area. Magnetic mafic intrusive rocks (gabbro and gneiss) are exposed on north edge (waypoints AN-23-01-AN-23-04) of the gravity anomaly. Magnetic susceptibilities of the gabbro ranged from 20 to 50 SI. Light gray non magnetic metasediments (quartzite) occur on the east edge of the anomaly (waypoints AN-23-08 and AN-23-09).

The Bass River Magnetite Breccia (waypoint MAGBR) occurs on the west side of Bass River (north south fault) within the CBFZ. The gravity anomaly is located on the northern edge of the CBFZ with a corresponding magnetic airborne anomaly. The CBFZ is defined by a strong magnetic feature that extends from the Gerrish Road east ward to Portapique River (22 km).

Dark gray to black fine grained sheared strongly magnetic gabbro outcrop (50-75m) with quartz and carbonate stringers occurs one kilometer along strike of known magnetite breccia (MAGBR) on a logging west of Bass River (waypoint AN-23-14). The outcrop contains 1-3% pyrite, with magnetic susceptibilities 150 to 283 SI. There are also some late cross cutting deformed granite dykes cross cutting the gabbro.

The magnetite breccia (AN-23-20 and AN-23-21) is exposed in Bass River and along the Old Economy Road. The magnetite breccia (semi massive to massive magnetite) outcrop (CBFZ) in Bass River is very similar the known occurrence (MAGBR) with very high magnetic (10-15% disseminated pyrite) susceptibilities of 477 SI. South of the magnetite breccia (CBFZ) a strong north south shear is exposed (waypoint AN-23-19) by the river.

The magnetite breccia located on the Old Economy Road contains angular sulphide clasts (up to 25cm).

A stream located one kilometer west of Bass River contains folded and fault sedimentary rocks (conglomerate, siltstone and sandstone) within the CBFZ (waypoints AN-23-25-AN-23-27). Strongly sheared (mylonite) gabbro and felsic rocks, with granite dykes are exposed in the creek from waypoints AN-23-28 to AN-23-31. The mylonite begins at waypoint AN-23-28 and represents the CBFZ that strikes east west and dips 40 degrees south. Specular hematite occurs along the strong foliation in the felsic rocks. Dark gray fine grained sheared (strongly foliated) magnetic mafic intrusive rocks are located northward from waypoints AN-23-29-AN-23-31.

The northern extension of Cook Brook (AN-23-35-AN-23-43) cross cuts (north south) the west area of the gravity anomaly. Outcrops of sheared (mylonite) mafic (magnetic) and felsic intrusive rocks with minor shale are exposed in the brooks. These outcrops are located on the south edge of the Cobequid Mountains (CBFZ) and are strongly foliated.

A logging road located along the eastern edge of the gravity anomaly south of Gamble Brook has outcrop exposures of the CBFZ (mylonite) from waypoints AN-23-44-AN-23-47. The outcrops (mafic intrusive) have a strong foliation that strikes in an east west direction and dip south ward 50 to 65 degrees. A small granite pluton occurs around Gamble Lake. The granite outcrops are massive with no fabric and are weakly magnetic (magnetic susceptibilities 1.0 to 9.0 SI).

GRAVITY ANOMALIES NS- 24, NS- 25 and NS-26

NTS 11E/5D. Licences 06201 (Allen), 07393 (Elk), 07417 (Minotaur)

NTS 11E/12A. Licences 07514, 07515

The three anomalies are very close together and are located north west of Londonderry.

Gravity anomaly 24 (same as gravity anomaly NS-23) is bound by the Londonderry and Rockland Brook faults that contain tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005).

Anomaly 24 (waypoints AN-24-001-AN-24-002) has two outcrops of highly magnetic metasediments (cherts) that occur in the center of the anomaly. Magnetic Susceptibility values range from 24 to 76 SI. The magnetite is finely disseminated with pyrrhotite.

Gravity anomaly 25 occurs on the north edge of the Rockland Brook fault and is underlain by Early Carboniferous gabbro/diorite intrusive rocks (Piper et al., 2005).

Anomaly 25 (waypoints AN-25-001-AN-25-003) is located along the main road and contains light green massive weakly magnetic gabbro and metasediments. Magnetic Susceptibility values are 1.21 to 7.1 SI. There is no outcrop over the center of the anomaly.

Gravity anomaly 26 occurs on the north edge of the Rockland Brook fault and is underlain by Early Carboniferous gabbro/diorite intrusive rocks (Piper et al., 2005).

Anomaly 26 (waypoints AN-26-001-AN-26-005) is located near the top of hill with outcrop exposures of metasediments, gabbros and diabase dykes. Magnetic susceptibility values range from 1.20- 20 SI. The diabase dykes contain more magnetite. There is no evidence of any alteration in the area. The center of the anomaly has an outcrop of weakly magnetic diorite.

GRAVITY ANOMALY NS-27

NTS 11E/5D. Licences 06189, 06397 (Allen), 07391, 07363 (Elk), 07417 (Minotaur)
NTS 11E/6C. Licences 07084 (Ecum Secum), 07363 (Elk), 07429 (Minotaur)
NTS 11E/11B. Licences 07497, 07498, 07499
NTS 11E/12A. Licences 07513, 07514, 07516

Gravity anomaly 27 is bound by the Londonderry and Rockland Brook faults that contain tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly is fourteen kilometers in length and three kilometers wide and is underlain by the following:

1. Jeffers Block (Gunshot Brook granite, Jeffers Block granodiorite and Jeffers Block gabbro)
2. Gamble Brook Formation

3. Folly River Formation
4. Bass River Block (McCallum Settlement granite, Debert River granodiorite and Frog Lake gabbro)
5. Late Devonian to Early Carboniferous fine grained granite (Piper et al., 2005).

The anomaly (waypoints AN-27-001-AN-27-014) is located north of East Folly Mountain (Weatherby Brook). Logging roads north of East Folly Mountain area were prospected. Outcrops of intermediate mafic volcanic with fine to medium grained gabbros have been cut by diabase dykes. The diabase dykes contain high amounts of magnetite (20-40 SI). The volcanic, gabbro and diabase dyke rocks do not contain any alteration or sulphides.

A logging road traverses through the gravity anomaly in a north south direction between Totten and Pine Brooks. Outcrops of strongly foliated tectonic breccias (CBFZ), sedimentary rocks and intrusive rocks (Frog Lake Pluton) are exposed along the logging road (waypoints AN-27-15-AN-27-25). The tectonic breccias (CBFZ) have a strong foliation (AN-27-15-AN-27-16) the strikes east west and dips south at 55 to 65 degrees. Sedimentary rocks within the CBFZ have strong Fe and carbonate alteration (AN-27-17 and AN-27-23). The intrusive rocks of Frog Lake Pluton contain granite dykes, granodiorite, diorite and gabbro. The mafic rocks (gabbro) have high magnetic susceptibilities that vary from 9.0-12.0 SI while the sedimentary rocks plus tectonic breccias are non magnetic (low magnetic susceptibilities 0.12-0.20 SI). There is a one meter wide non magnetic shear zone (foliated granite) at waypoint AN-27-22 that contains 1-2% pyrite.

East of Totten Brook and west of the Debert River, exposures of foliated granite and massive gabbro form part of both Frog Lake and Debert River Pluton (waypoints AN-27-26-AN-27-32). North of these plutons fine grained green foliated basalt (Folly River Group) occur with late cross cutting massive magnetic to non magnetic mafic dykes (gabbro). Light green strongly magnetic (magnetic susceptibilities 15-85.0 SI) basalt (AN-27-32 to AN-27-34) is located on the west edge of the Debert River Pluton. The magnetite rich basalt lies near this at the center of the gravity anomaly.

Orange red coarse grained massive undeformed (no fabric) granite is exposed along the south edge of Rockland Brook Fault (waypoints AN-27-44 and AN-27-45). Fault breccia

is located in a rock quarry located at waypoint AN-27-43. The fault breccia contains hematite with trace sulphides.

The Rockland Brook Fault (waypoints AN-27-46-AN-27-58) occurs along the northern edge of the gravity anomaly. The Rockland Brook Fault dips southward and is defined by a deformation zone (sheared basalt) along the contact of the Wentworth Pluton. Light green fine grained magnetic to non magnetic basalt (Folly River Group) with late crosscutting dark gray green massive mafic dykes (diabase) are exposed south of the Rockland Brook Fault.

The Rockland Brook Fault (waypoints AN-27-59-AN-27-78) located on the north east edge of the gravity anomaly contains outcrops of sheared granite and basalt. The Debert River granodiorite (weakly foliated) contains late cross cutting mafic dykes of gabbro composition. Light green foliated magnetic to non magnetic basalt (Folly River Formation) occurs on the south side of the RBF in the area. Orange brown medium grained strongly foliated granite (RBF), with 1-3% pyrite is exposed at waypoint AN-27-72. North of the RBZ massive magnetic gabbro (Wentworth Pluton) is exposed.

The Folly River cross cuts the western area of the gravity anomaly in a north south direction. A copper anomaly occurs in stream sediment on the south side of the Londonderry Fault. Flat lying interbedded sandstone and conglomerate is exposed on the south side of the projected Londonderry Fault (waypoints AN-27-79 and AN-27-80). Light gray fine grained non magnetic quartzite with barite veins (10-35cm) and 1-5% disseminated sulphides (waypoints AN-27-82 and AN-27-83) is exposed 160 meters on the south side of the Londonderry Fault. Light gray green to gray interbedded quartzite and shale are exposed along the railway tracks above where similar outcrops are exposed in Folly River (waypoint AN-27-84). A gossan with malachite staining occurs at waypoint AN-27-85 on the railway line that corresponds with mineral occurrence E05-001. There is a rock quarry located off the old number Route 4, (TransCanada Highway) that has an outcrop (AN-27-86) exposure of shale with malachite staining parallel and a strong foliation (CBFZ). Rock samples (NS-27-008 and NS-27-010) taken from the rock quarry in early May returned copper values >10000ppm.

The western area of the gravity anomaly (AN-27-87-AN-27-100) on the west side of Folly Mountain and south of the Rockland Brook Fault contain outcrops of gabbro and quartzite. The gabbro (waypoints AN-27-87 to AN-27-91) is dark gray to black in color, massive, weakly magnetic and has a weak foliation. The quartzite has a strong foliation, non magnetic, quartz veining parallel to foliation and have late cross cutting and foliation parallel mafic dykes. Light gray strongly foliated (mylonite) quartzite with Fe staining, with minor sulphides at waypoints AN-27-94 and AN-27-96. Infill on the western edge of anomaly NS-27 has defined strong gravity. Outcrops (AN-27-112-AN-27-130) in the area are light gray non magnetic strongly foliated quartzite that have been intruded by late dark gray fine grained magnetic mafic dykes
(gabbro and diabase). Magnetic Susceptibility readings of the quartzite are 0.2 SI and the mafic dykes range from 1 to 25 SI. The gravity anomaly in this area is associated with the mafic intrusive rocks in this area.

South of Folly Lake (Stevens Mountain Road) and south of the Rockland Brook Fault psammite, gabbro and basalt are exposed (AN-27-101-AN-27-107) near the north western edge of the gravity anomaly. There is an old rock quarry located at waypoint AN-27-101 that contains non magnetic strongly foliated psammite with sulphide (oxidized) pods in parallel foliation. The sulphide pods (1-2m wide) contain disseminated chalcopyrite and pyrite. Light gray green strongly foliated non magnetic granodiorite with fine grained 1-3% disseminated pyrite and chalcopyrite? occurs at the contact of light brown foliated quartzite at waypoint AN-27-106.

Southwest area of the gravity anomaly the Debert River granodiorite has outcrops (AN-27-108-AN-27-111) of non magnetic coarse grained granodiorite, dark gray green massive magnetic gabbro (dyke?) and light brown non magnetic foliated quartzite occur along the logging road.

GRAVITY ANOMALY NS-27A

The gravity anomaly (waypoints AN-27A-01-AN-27A-04) is located southeast of gravity anomaly NS-27 and due west of gravity anomaly NS-28. Dark gray fine grained non magnetic and magnetic foliated gabbro outcrops are exposed along an old logging road that travels through the center of the anomaly.

GRAVITY ANOMALY NS-28

NTS 11E/11B. Licences 07495 07497, 07505,

11E/6C Licences 07426, 07429

Gravity anomaly 28 is bound by the Londonderry and Rockland Brook faults that contain tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly lies along the north edge of the Londonderry fault within the Bass River Block (Frog Lake gabbro).

The anomaly (waypoints AN-28-001-AN-28-008 inclusive) occurs on the top of a hill in the center of a gravel pit. There are several outcrops that occur around the edge of the gravel pit and surrounding area. The outcrops that occur along the walls of the pit contain highly fractured and blocky pieces of weak to strongly magnetic granodiorite and gabbros. The mafic intrusive rocks do not have any fabric. Most of the fracturing is due to the blasting in the pit area. There is an outcrop of well bedded magnetic metasediment with a felsic intrusive (granite) with malachite staining (sample NS-028-95). The gravity anomaly appears to be associated with magnetic gabbros that trend in a northeast direction (vertical gradient). The metasediments in the pit appear to have acted as roof pendent because they are surrounded by mafic intrusive. There was no carbonate alteration and/or sulphidation in any of the outcrops observed in the area. Magnetic Susceptibility readings ranged for the mafic intrusive from 18.5 to 250 SI

The gravity anomaly lies over a section of the Frog Lake gabbro along the north side CBFZ. Outcrops of magnetic massive (no fabric) gabbro, coarse grained non magnetic granite and non magnetic slices of quartzite are exposed within the anomaly area (AN-28-09-AN-28-14). A strongly foliated coarse grained non magnetic granite occurs at waypoint AN-28-15.

GRAVITY ANOMALY NS-29

NTS 11E/6C Licence 07425
NTS 11E/11B Licences 07494, 07495, 07496

Gravity anomaly 29 anomaly lies along the north edge of the Londonderry fault within the Bass River Block (Frog Lake Gabbro).

The anomaly (waypoints AN-29-001-AN-29-006) is located on the top of a hill that has been forested and has good access using old logging roads. There are numerous logging roads that cross over the anomaly with the outcrops that are flat lying. The central part of the gravity anomaly contains outcrops of light gray green fine grained magnetic diorites and gabbros. The mafic intrusive rocks contain epidote alteration. The magnetite is finely disseminated throughout the mafic intrusive. There is no evidence of any carbonate alteration or sulphides. The magnetic susceptibility values vary from 10-30 SI.

There is an old rock quarry located on the Truro Road (477458E/5049364N) that contains highly contorted dark gray fine grained magnetic basalts. These basalts also contain hematite veins (3-5mm) with calcite filled amydgules? Magnetic susceptibility values were very high 55-95 SI.

The Old Tatamagouche Road travels through the center of the gravity anomaly. Strongly foliated light green mafic intrusive rocks (AN-29-07-AN-29-15) occur within the Cobequid Fault near the contact of the Frog Lake Gabbro. Light green strongly foliated magnetic breccia (CBFZ) with specular hematite (parallel slickensides) and angular (25-35cm) granite fragments (specular hematite replacement) are located at AN-29-11 (mineral occurrence E11-086). One kilometer east of waypoint AN-29-11 there is an exposure of strongly foliated mafic breccia with 1-3% disseminated pyrite and specular hematite occurs within the Cobequid Fault.

GRAVITY ANOMALY NS-30

NTS 11E/11B Licences 07501, 07502, 07503

The gravity anomaly is located on the eastern area of the Cobequid Mountains south of the Waugh River Fault within the Diamond Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-30-01-AN-30-09) is located south of Grist Mill Road from Route 256. Purple fine grained strongly magnetic outcrops of basalt are exposed along the road. Magnetic susceptibility values vary from 5 to 52 SI.

GRAVITY ANOMALY NS-31

NTS 11E/11B. Licences 07501, 07502

The gravity anomaly is located on the eastern area of the Cobequid Mountains south of the Waugh River Fault within the Diamond Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-31-1-AN-31-5) is located south of Route 256 off the Old Kennedy Road. The center of the gravity anomaly occurs at the top of a hill between two blueberry fields near a farm house. Purple gray fine grained magnetic outcrops of basalt are exposed along old logging roads in the area. Magnetic susceptibility values vary from 10 to 25 SI.

GRAVITY ANOMALY NS-32

NTS 11E/11B. Licences 07510, 07502

NTS 11E/11A. Licences 07480, 07483, 07492

The gravity anomaly is located on the eastern area of the Cobequid Mountains south of the Waugh River Fault within the Diamond Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-32-1-AN-32-3) occurs off the Old Kennedy Road, on the Kavanaugh Road on the top of a hill, next to a blueberry field. Three outcrops of magnetic basalt similar to gravity anomalies 30 and 31 are exposed along the road. Magnetic susceptibility values are very high and vary from 10 to 50 SI.

GRAVITY ANOMALY NS-33

NTS 11E/11A. Licences 07479, 07480, 07407492, 07493

The gravity anomaly is located on the eastern area of the Cobequid Mountains south of the Waugh River Fault within the Diamond Brook Formation (Piper et al., 2005).

The anomaly (waypoints AN-33-1-AN-33-6) is located southeast of gravity anomalies 30, 31, and 32 off Route 311. Magnetic basaltic rocks similar to anomalies 30, 31, 32 occur in the area of the gravity anomaly on old logging roads. The gravity anomaly occurs in a valley along an old logging road with no outcrop. Magnetic susceptibility values are very high and vary from 10 to 50 SI.

GRAVITY ANOMALY NS-34

NTS 11E/11A. Licences 07488, 07491, 07493

The gravity anomaly is located on the eastern area of the Cobequid Mountains south of the Waugh River Fault within the Diamond Brook Formation (Piper et al., 2005).

Gravity anomaly 34 (waypoints AN-34-01-AN-34-05) is located off highway 311, south of Earltown on Taylor Road. There is no outcrop (topographic low area) exposed at the center of the gravity anomaly. Light green non magnetic siltstones are exposed east of the gravity anomaly along the Berichan Road and along an old logging road (waypoints AN-34-01-AN34-05). The siltstones have low magnetic susceptibilities that vary from 0.12 to 0.15 SI. There is an outcrop of a strongly magnetic massive mafic intrusive at waypoint AN-34-05 in contact with the siltstone. The mafic intrusive has magnetic susceptibilities of 5 to 14.5 SI. A strong gravity anomaly is located two kilometers on the Old Kempton Road south of gravity anomaly 34. No outcrop is exposed in the area of the anomaly. A granite outcrop is exposed south of the gravity anomaly at waypoint OC-004.

GRAVITY ANOMALY NS-35 and NS- 36

NTS 11E/11A –Gully Lake Wilderness area

The gravity anomalies are located in the Gully Lake Wilderness area on the north side of the Cobequid Fault within the Frog Lake gabbro that forms part of the Bass River Block (Piper et al., 2005). No prospecting was done in this area.

GRAVITY ANOMALY NS-37

NTS 11E/11A. Licences 07486, 07489

Gravity anomaly 37 is bound by the Cobequid and Rockland Brook Faults that contain tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly lies along the south edge of the Rockland Brook Fault within the Nuttby Formation.

The anomaly (waypoints AN-37-01-AN-37-05) is located east of Nuttby, off highway 311, north of Truro. The center of the gravity anomaly is located on Sullivan Road (off highway 311). The center of the anomaly is located in a topographic low area, without any outcrop. There is a power line that extends through the gravity anomaly (northeast-southwest direction) with no outcrop exposure. Several outcrops of highly sheared non magnetic siltstones (magnetic susceptibilities of 0.12 to 0.3 SI) are exposed north of the

anomaly on the Old Nuttby Road, plus a highly magnetic mafic intrusive (gabbro Dyke?) is located off the Old Nuttby Road on an old logging road (waypoint AN-37-04). There are strongly silicified rhyolite (magnetic) outcrops at the top of Nuttby Mountain (Radio Tower). Finally, there is a sub outcrop of strongly magnetic (magnetic susceptibilities of 5 to 14.5 SI) gabbro exposed on an old logging road south of the gravity anomaly north of Upham Road. Outcrop exposure in this area is <1%.

GRAVITY ANOMALY NS-38

NTS 11E/11A. Licences 07485, 07486

Gravity anomaly 38 is bound by the Cobequid and Rockland Brook Fault that contains tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly lies along the north edge of the Cobequid Fault within the McCallum Settlement. Granite and the Frog Lake gabbro is part of the Bass River Block.

The anomaly (waypoints AN-38-01-AN-38-05) occurs south of Nuttby off highway 311, north of Old Mackenzie Road. The gravity anomaly has a cigar shape (topographic high) that trends northeast. There was no outcrop observed on any of the old logging trails that cross cut over the anomaly except for a possible sub outcrop of dark gray massive magnetic gabbro (magnetic susceptibilities of 5 to 12 SI) at waypoint AN-38-03. Several outcrops of highly contorted non magnetic siltstones are exposed south of the anomaly on Old Mackenzie Road. Outcrop in the area is <1%.

GRAVITY ANOMALIES NS-39 and NS-39a

NTS 11E/11A. Licence 07476

NTS 11E/10B. Licence 07461, 07462

Gravity anomaly 39 and 39a are located on the north edge of the Cobequid Fault that contains tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly lies along the north edge of the Cobequid Fault within the Debert River granodiorite and the Frog Lake gabbro which is part of the Bass River Block.

The anomaly (waypoints AN-39-01-AN-39-06) is located on Glen road, off of Route, 4 on the east boundary of the Gully Lake Wilderness area. The gravity anomaly has a circular shape. Dark gray medium grained magnetic mafic intrusive (granodiorite) outcrop (waypoint AN-39-04) occurs near the center of the gravity anomaly (magnetic

susceptibilities of 19 to 20 SI). Light orange pink medium grained non magnetic granite outcrops were exposed (Glen Road) within the anomaly area (magnetic susceptibilities of 1.0 to 2.0 SI).

GRAVITY ANOMALY NS-40

NTS 11E/10B. Licences 07461, 07462

Gravity anomaly 40 is located on the north edge of the Cobequid Faults. It contains tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly occurs along the eastern edge of the Gunshot Brook Pluton and within the Dalhousie Mountain Formation that is part of the Jeffers Block.

The anomaly (waypoints AN-40-01-AN-40-21) occurs east of gravity anomaly 39 off of Glen Road on Bezanson's Lake Road (old logging road). Non magnetic granite outcrops with minor late magnetic mafic dykes (diabase) are exposed in southern area of the gravity anomaly. The northern area of the anomaly (east of the center point) shows outcrops of a light green fine grained moderately magnetic mafic volcanic rock (Dalhousie Mountain) exposed. The center point of the gravity anomaly (old logging road off of Glen Road), an outcrop (waypoint AN-40-21) of magnetic basalt, (magnetic susceptibilities of 10 to 17.0 SI) with minor malachite staining (sample AN-40-21) was discovered. There is a wind mill (27) farm currently being built over the center of the gravity anomaly.

GRAVITY ANOMALY NS-41

NTS 11E/10B. Licences 07461, 07462

Gravity anomaly 41 is located on the north edge of the Cobequid Fault which contains tectonic wedges of igneous and metasedimentary rocks (Piper et al., 2005). The anomaly lies along the north edge of the Cobequid Fault within the Debert River granodiorite and the Frog Lake gabbro that is part of the Bass River Block.

The anomaly (waypoints AN-41-01-AN-41-4) is located on Brookland Road off Route 4, west of Salt Springs. The outcrop exposure in the area is limited to areas where there is

relief. The center of the anomaly occurs along the edge of a hill and is located in a valley (topographic low) with no outcrop. The only outcrop exposed in the area is west of the anomaly on a road that services a number of radio towers. Dark brown (carbonate rich) magnetic granite (crosscutting mafic dykes) and dark gray magnetic gabbro occur on this road. Magnetic susceptibilities varied from 6 to 15 SI.

GRAVITY ANOMALY NS-42

NTS 11E/10B. Licence 7463

The anomaly lies along the north edge of the Cobequid Fault within the Boss Point Formation that forms part of the Riverdale Group (Chandler et al., 1997).

The anomaly (waypoint AN-42-01-AN-42-03) is located on Back Road, two kilometers northwest of gravity anomaly NS-41. The central area of the anomaly is located in a valley (farming area) with no outcrop exposure. Two outcrops of sedimentary rocks (conglomerate and sandstone) with no alteration occur near the anomaly. There is a Zn+Pb (E10-016) mineral occurrence located east of the anomaly. The mineral occurrence was not located. Magnetic susceptibilities are low and vary from 0.15 to 0.20 SI.

GRAVITY ANOMALIES NS-43, NS-44

NTS 11E/6D. Licences 07621, 07622

The anomalies occur south of the Chedabucto Fault within the Windsor Group (gravity anomaly NS-43) and the Graham Hill Formation (gravity anomaly NS-44) (Murphy et al., 2005).

GRAVITY ANOMALY NS-45

NTS 11E/8C. Licence 07825

The anomaly occurs three kilometers north of the Cobequid Fault at the faulted contact of the Beechill Cove Formation and an Ordovician-Silurian granite (Murphy et al., 1982).

The anomaly (waypoints AN-45-01-AN-45-12) is located off the Sunny Brae Road on Brenda Road. There is good outcrop exposure along the Brenda Road. Granite and blue

green non- magnetic siltstone outcrop at the south end of Brenda Road (waypoints AN-45-01-AN-45-04). Purple gray fine grained strongly magnetic basalt (waypoints AN-45-05-AN-45-09) is exposed near the center and north of the gravity anomaly (magnetic susceptibilities of 5 to 60 SI). Weakly magnetic rhyolite outcrops occur near the end of Brenda Road (waypoints AN-45-11 and AN-45-12).

GRAVITY ANOMALY NS-46

NTS 11E/8C. Licences 07820, 07821, 07822

The anomaly occurs one kilometer north of the Cobequid Fault within the Eden Lake Complex (Murphy et al., 1982).

The anomaly (waypoints AN-46-01-AN-46-13) is located on the Sunny Brae Road, two kilometers southwest of gravity anomaly 45. There is good outcrop on the Sunny Brae Road and along a logging trail that circles the anomaly to the north. There are dark gray medium grained strongly magnetic diorite (magnetic susceptibilities of 15 to 60 SI) outcrops at the center of the gravity anomaly on the Sunny Brae Road (waypoint AN-46-11). A strongly magnetic granite outcrop on the Sunny Brae Road outcrops the edge of the anomaly. Outcrops of granite and reddish brown siltstone occur on a logging road north of the anomaly (waypoints AN-46-03-AN-46-09). Dark gray strongly magnetic (magnetic susceptibilities of 10 to 135 SI) granodiorite outcrop is exposed on the MacLearn Road, located southeast of the gravity anomaly.

GRAVITY ANOMALY NS-47

NTS 11E/8D. Licence 07453

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and Cobequid Faults located in the Barney's River Pluton (granite) (Murphy et al., 1982).

The anomaly (waypoints AN-47-01-AN-47-11) is located between Upper and Lower Barneys River. There is good outcrop exposure along the gravel road where the gravity anomaly is located. There is an outcrop of strongly magnetic diorite (magnetic susceptibilities of 1.50 to 8 SI) exposed at the center of the gravity anomaly (waypoint

AN-47-07). Granite and gabbro outcrops are exposed in the area of the gravity anomaly 47. Magnetic susceptibilities vary from 0.15 to 58.

GRAVITY ANOMALY NS-48

NTS 11E/8D. Licence 7450

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and Cobequid Faults located in the Greendale Complex (Murphy et al., 1982).

The anomaly (waypoints AN-48-01-AN-48-14) is located three kilometers southeast of the marsh on an old logging road (Marsh Road). The area is underlain by dark brown magnetic massive granite and dark gray magnetic massive granodiorite. Strongly altered (oxidized) outcrops of granite are exposed at waypoints AN-48-04 to AN-48-06 with iron staining. An outcrop of magnetic granodiorite occurs at the center of the anomaly. Magnetic susceptibilities vary from 10 to 47.

GRAVITY ANOMALY NS-49

NTS 11/8D. Licence 07450

The gravity anomaly occurs between Brown's Mountain and the Cobequid Faults located at the faulted contact of Greendale Complex and Frasers Brook Member (Murphy et al., 1982).

The anomaly (waypoints AN-49-01-AN-49-07) is located two kilometers east of gravity anomaly NS-48. Dark brown medium grained (oxidized) magnetic granodiorite with iron staining is exposed in the area of the gravity anomaly. Magnetic susceptibilities vary from 10 to 47.

GRAVITY ANOMALY NS-50

NTS 11E/8D. Licence 07450

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and Cobequid Faults, located in the Greendale Complex (Murphy et al., 1982).

The anomaly (waypoints AN-50-1) is located (low relief) northwest of NS-48 on Marsh Road. Light gray white medium grained magnetic granite is the only outcrop exposed in the area of the gravity anomaly. There is no outcrop at the center of the anomaly. Magnetic susceptibilities varied from 9.0 to 27.0 SI.

GRAVITY ANOMALY NS-51
NTS 11E/9B. Licence 07810, (Minotaur). Part Ecum Secum
11E/9A. Licence 7800

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and Cobequid Faults and is located near the faulted contact of Greendale Complex and Frasers Brook Member (Murphy et al., 1982).

The anomaly (waypoints AN-51-01-AN-51-08) is located at a marsh northwest of NS-50. Dark brown massive magnetic granodiorite area (magnetic susceptibilities 10 to 17.0 SI) and light green non magnetic andesite are exposed in the area of the anomaly. Light gray medium grained magnetic gabbro is exposed at the center of the anomaly (magnetic susceptibilities 2.0 to 27.0 SI).

GRAVITY ANOMALY NS-52

NTS 11E/9A. Licence 07800, 07801 (Minotaur) (Part Ecum Secum (Wightman)

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and Cobequid Faults and is located near the faulted contact of Indian Lake Pluton and Frasers Brook Member (Murphy et al., 1982).

The gravity anomaly (waypoints AN-52-01-AN-52-06) occurs west of Mountain Lake Road, two kilometers northwest of anomaly 58. Outcrop exposure in the area is 25%. Light gray to white medium grained magnetic granite and granodiorite with cross cutting mafic dykes outcrop in the central area of the anomaly. Magnetic susceptibilities vary from 1.0 to 65 SI.

GRAVITY ANOMALY NS-53

NTS 11E/9B. Licences 07810, 07817, 07818 (part Ecum Secum (Wightman)

The gravity anomaly occurs on the south side of the Brown's Mountain (northwest trending) Fault and is located near the contact of Barney Lake Pluton and Frasers Brook Member (Murphy et al., 1982).

The anomaly (waypoints AN-53-01-AN-53-09) is located on Marsh Road, three kilometers northeast of anomaly NS-51. Light gray medium grained magnetic granodiorite and light green fine grained non magnetic to magnetic mafic volcanic rocks are exposed in the area of the anomaly. Light gray green massive magnetic granodiorite outcrop is exposed at the center of the anomaly (magnetic susceptibilities 25 to 59 SI)
Granite outcrops (AN-53-10 and AN-53-11) exposed on the west side of the Barney River Pluton contains 10-15% manganese associated with fracture. Light green fine grained strongly foliated
magnetic basalt (AN-53-12-AN-53-15) with late cross cutting granite dykes along with magnetic gabbro and granodiorite occur west of the pluton.

GRAVITY ANOMALY NS-54

NTS 11/9B. Licence 07817

The gravity anomaly occurs on the south side of the Brown's Mountain (northwest trending) Fault and is located near the contact of James River Formation and Frasers Brook Member (Murphy et al., 1982).
The anomaly (waypoints AN-54-01-AN-54-17) is located 3 kilometers south off Route 4 east of Rossfield Road. The anomaly occurs along the edge south of the Brown's Mountain Fault. Strongly brecciated siliceous sulphide rich (pods) volcanic rocks? is exposed at waypoint AN-54-01 (Brown's Mountain Fault?). Magnetite rich basalt (AN-54-04 and AN-54-06) is exposed along the south edge of the anomaly (radio tower) with magnetic susceptibilities from 10 to 85 SI. Light gray weakly foliated non magnetic metasediment with 3-5% disseminated pyrite occurs at waypoint AN-54-05 within the south edge of the anomaly.

Light gray strongly foliated non magnetic epidote rich basalt is exposed along the contact of the Barney River Pluton at waypoint AN-54-12. There are small volcanic pebbles on the side of the road that appear to have been dragged onto the road (used to build road) that have a strong epidote alteration with malachite staining.

Reddish brown medium grained non magnetic granite (Barney River Pluton) located southwest of the anomaly is exposed west of waypoint AN-54-12. Specular hematite occurs along fractures in the granite.

GRAVITY ANOMALY NS-55

NTS 11/9A. Licences 07802, 07803

The gravity anomaly occurs three kilometers on the southwest side of the Brown's Mountain (northwest trending) Fault and located within the Frasers Brook Member (Murphy et al., 1982).

The gravity anomaly (waypoints AN-55-01-AN-55-03) is located on Weavers Mountain Road, off the old highway (Route 4). Light green fine grained non magnetic siltstone outcrop is exposed near the center of the anomaly with low magnetic susceptibilities from 0.1

GRAVITY ANOMALY NS-56

NTS 11E/9A. Licences 07802, 07803

The gravity anomaly (next to gravity anomaly NS-55) occurs three kilometers on the southwest side of the Brown's Mountain (northwest trending) Fault and is located within the Frasers Brook Member (Murphy et al., 1982).

The gravity anomaly (waypoints AN-56-01-AN-56-04) is located one kilometer east of anomaly NS-55, off Weavers Mountain Road. Dark gray strongly magnetic fine grained diabase dyke with cross cutting weakly magnetic basalt (waypoint AN-56-03) occurs at the cent

GRAVITY ANOMALY NS-57

NTS 11E/9A. Licence 07803

The gravity anomaly is located five kilometers on the southwest side of the Brown's Mountain (northwest trending) Fault near the contact of James River Formation and Frasers Brook Member (Murphy et al., 1982).

The gravity anomaly (waypoint AN-57-01-AN-57-08) is located southwest of Glen Bard, off the TransCanada Highway (104) on Pushie Road. Light green fine grained magnetic (epodite rich) basalt is (waypoint AN-57-03) exposed near the center of the anomaly with magnetic susceptibilities of 5.0 to 45 SI. Outcrops of basalt occur at waypoints AN-57-02-AN-57-07 inclusive.

GRAVITY ANOMALY NS-58

NTS 11/8D. Licence 07454

The gravity anomaly occurs between the Brown's Mountain (northwest trending) and the Cobequid Faults and is located near the faulted contact of Indian Lake Pluton and Frasers Brook Member (Murphy et al., 1982).

The gravity anomaly (waypoint AN-58-01-AN-58-5) is located on Mountain Lake Road, off Route 4 at the junction of Haggart's Lake Road. Outcrop in the area is <1%. The anomaly occurs at the top of a hill. Light gray green fine grained non magnetic outcrops of basalt are exposed in the area of the anomaly (magnetic susceptibilities of 0.1 to 0.2 SI). A shear zone (waypoint AN-58-04) with magnetite (basalt) occurs near the center of the anomaly (magnetic susceptibilities of 5.0 to 9.0 SI).

GRAVITY ANOMALY NS-59

NTS 11F/5C. Licences 07361 (Elk), 06914 (Blackfly)

The gravity anomaly is located on the two kilometers north of the Chedabucto Fault near the faulted contact of the Horton Group (Caledonia Formation) and the Guysborough Group (Roman Valley Formation) (White et al., 1998).

The gravity anomaly (AN-59-01-AN-59-04) occurs southeast of Copper Lake; mineralized pits are exposed to the east of Copper Lake. Outcrop in the area is limited (<1%). Light brown magnetic interbedded siltstone and sandstone (waypoint AN-59-03) outcrop on an old logging road (east- west) located east of Copper Lake.

GRAVITY ANOMALY NS-59 NORTHEAST

NTS 11F/5C Licences 7361

The gravity anomaly is located along the faulted intersection of Horton Group (Caledonia Formation), Guysborough Group (Hoppenderry Formation) and Chedabucto Fault Complex (White et al., 1998).

The gravity anomaly (AN-59NE-01 and AN-59NE-02) is located west of Loch Katrine off Route 316 on Macnaugton Road. Outcrop in the area is <1%. The central area of the anomaly occurs at the top of a hill in a farming area. Dark gray medium grained strongly magnetic foliated diorite outcrops on the south west edge of the gravity anomaly with magnetic susceptibilities that vary from 9.0 to 78 SI.

GRAVITY ANOMALY NS-59 NORTH

NTS 11F/5C Licence 7361

The gravity anomaly is located within the Horton Group (Caledonia Formation) three kilometers north of the Chedabucto Fault (White et al., 1998).

The gravity anomaly occurs north east of Copper Lake, off Copper Lake Road on top of a hill. The area contains <1% outcrop in the central region of the anomaly. Light gray green magnetic siltstone and sandstone outcrops (AN-59N-02-AN-59N-07) are exposed immediately on the southeast edge of the gravity anomaly.

GRAVITY ANOMALY NS-59 WEST

11E/8D Licences7806

The gravity anomaly is located within the Horton Group (Caledonia Formation) one kilometer north of the Chedabucto Fault and east of the Lochaber Lake Fault (White et al., 1998).

The gravity anomaly occurs east of Lochaber Lake, off Route 7. The anomaly occurs on the top of a hill with <1% outcrop. Three old logging roads that cross the anomaly were prospected with no outcrop exposure.

GRAVITY ANOMALY NS-60

NTS 11/F5C. Licences 07551, 07554

The gravity anomaly is located within the Guysborough Group (Hoppenderry Formation) three kilometers north of the Chedabucto Fault (White et al., 1998).

The anomaly (waypoints AN-60-01-AN-60-04) is located forty-two kilometers (Exit 35) south of the town of Antigonish off Route 316, near the junction of South River Road (east of Copper Lake). Polymictic conglomerate outcrop with malachite staining is exposed on a logging road north of the anomaly (waypoint AN-60-01). Dark gray magnetic basalt outcrops are located in the central area of the anomaly (waypoint AN-60-04). Magnetic susceptibilities vary 2.00 to 15.00 SI.

GRAVITY ANOMALY NS-61

NTS 11/F5C. Licences 07551, 07554, 07556

The gravity anomaly is located within the Guysborough Group (Hoppenderry Formation) four kilometers north of the Chedabucto Fault (White et al., 1998).

The anomaly (waypoints AN-61-01-AN-61-12) is located two kilometers east of gravity anomaly 60, off South River Road, on Obidary Road. The area is underlain by light gray green fine grained non magnetic siltstones and light green gray magnetic gabbro. The central area of the gravity anomaly has very little outcrop. There is a strongly magnetic gabbro exposed on the northern edge of the anomaly with magnetic susceptibilities of 36-48 SI.

GRAVITY ANOMALY NS-62

NTS 11/F5C. Licences 07554, 07556

The gravity anomaly is located within the Guysborough Group (Hoppenderry Formation) three kilometers north of the Chedabucto Fault (White et al., 1998).

The anomaly (waypoints AN-62-01-AN-62-07) is located 800 meters east of gravity anomaly 61 off Obidary Road. Dark gray green fine grained strongly magnetic basalt (AN-62-06) and gabbro (AN-62-07) outcrop occurs near the center of the anomaly. Magnetic susceptibilities vary from 5 to 35 SI. Light gray green non magnetic siltstone outcrops occur in the southern area of the anomaly.

GRAVITY ANOMALY NS-63

NTS 11/5C. 07552, 07553, 07557

The gravity anomaly is located within the Guysborough Group (Hoppenderry Formation) four kilometers north of the Chedabucto Fault (White et al., 1998).

The gravity anomaly (waypoint AN-63-01 and AN-63-02) is located off South River Lake Road on Lake River Road one point five kilometers east of gravity anomaly 62. Outcrop exposure in the area is <1%. Light gray fine grained strongly magnetic basalt outcrop is exposed very close to the center of the anomaly with magnetic susceptibilities of 15 to 75SI.

GRAVITY ANOMALY NS-64

NTS 11F/5C Licence 7557

The gravity anomaly is located along the contact of the Hoppenderry and Roman Valley Formations that are part of the Guysborough Group (White et al., 1998). The anomaly is three kilometers north of the Chedabucto Fault.

The gravity anomaly (waypoint AN-64-01-AN-64-08) is located southeast of Antigonish, one kilometer northwest of Glencoe. No outcrop occurs at the center of the anomaly. Light gray fine grained non magnetic finely laminated siltstone (magnetic susceptibilities 0.1 to 0.2 SI) outcrop occurs on the edge of the anomaly. Light green weakly magnetic massive basalt is exposed at waypoint AN-64-03 with magnetic susceptibilities from 1.0 to 8.0 SI.

GRAVITY ANOMALY NS-65

NTS 11F/5D Licences 7864, 7867

The gravity anomaly is located within the Hoppenderry Formation (Guysborough Group) and is five kilometers north of the Chedabucto Fault (White et al., 1998).

The gravity anomaly (waypoint AN-65-01-AN-65-05) is located at Glencoe, one point five kilometers southeast of gravity anomaly NS-64. No outcrop is exposed at the center of the anomaly. Light gray finely laminated non magnetic siltstone (magnetic susceptibilities 0.1 to 0.2 SI) is exposed on the edge of the gravity anomaly.

GRAVITY ANOMALY NS-66

NTS 11F/5D Licence 7870

The gravity anomaly is located along the contact of the Sunnyville and Minister Brook Formations that are part of the Guysborough Group (White et al., 1998). The anomaly is two kilometers south of the Roman Valley Fault.

The gravity anomaly (waypoint AN-66-01-AN-66-09) is located south of the Guysborough Road, two kilometers southeast of the Guysborough Intervale. Light gray altered (strong carbonate alteration) non magnetic quartzite (Fe staining and specular hematite) outcrop is exposed near the center of the anomaly. Light gray brown non magnetic quartzite with interbedded conglomerate (magnetic susceptibilities 0.1 to 0.2 SI) with minor basalt is exposed north and south of the anomaly. Light green strongly magnetic basalt outcrop occurs south of the edge of the anomaly with magnetic susceptibilities that vary from 7.0 to 24.0 SI.

GRAVITY ANOMALY NS-67

NTS 11F/5D Licence 7870

The gravity anomaly is located along the contact of the Sunnyville and Minister Brook Formations that are part of the Guysborough Group (White et al., 1998). The anomaly is two kilometers south of the Roman Valley Fault.

The gravity anomaly (waypoint AN-67-01-AN-67-13) is located south of the Guysborough Road, two point five kilometers east of anomaly NS-66. Light gray non magnetic polymictic conglomerate is exposed at the center of the anomaly. Light gray brown non magnetic quartzite (Fe staining and specular hematite) with interbedded conglomerate (magnetic susceptibilities 0.1 to 0.2 SI) and basalt is exposed north and south of the anomaly.

GRAVITY ANOMALY NS-68

NTS 11F/5D Licence 7868

The gravity anomaly is located along the contact of the Sunnyville and Glenkeen Formations that are part of the Guysborough Group (White et al., 1998). The anomaly is five kilometers south of the Roman Valley Fault.

The gravity anomaly (waypoint AN-68-01-AN-68-13) is located off the Guysborough Road, southwest from the settlement of Lesterdale under the gas pipeline. Light gray non magnetic polymictic conglomerate outcrop occurs at the center of the anomaly. Light gray interbedded shale and quartzite outcrop with malachite staining is exposed at waypoint AN-68-09. Sedimentary rocks (conglomerate, shale and quartzite) with minor Fe staining are exposed in the area of the gravity anomaly with low magnetic susceptibilities that vary from 0.2 to 0.3 SI.

GRAVITY ANOMALY NS-69

NTS 11F/5D Licences 7865, 7866, 7868

The gravity anomaly is located within the Guysborough Group (Glenkeen Formation) and is five kilometers south of the Roman Valley Fault (White et al., 1998).

The gravity anomaly (waypoints AN-69-01-AN-69-02) is located on a gravel road north of the town of Guysborough. Light gray non magnetic polymictic conglomerate and reddish brown sandstone outcrop in the area of the anomaly (magnetic susceptibilities 0.1 to 0.2 SI). The gravity anomaly was thought to be a topographic effect (Tony per comm.)

GRAVITY ANOMALY NS-70

NTS 11F/5D Licence 7862, 7865

The gravity anomaly is located along the contact of the Sunnyville and Glenkeen Formations that are part of the Guysborough Group (White et al., 1998). The anomaly is three kilometers north Chedabucto Fault.

The gravity anomaly (waypoints AN-70-01-AN-70-03) is located south off Tomkinsville Road, one kilometer southwest of anomaly gravity anomaly NS-69. Light purple non

magnetic volcaniclastic outcrops are exposed at the center of the anomaly with low magnetic susceptibilities that vary from 0.2 to 0.3 SI.

GRAVITY ANOMALY NS-71

NTS 11F/5A Licence 7844

The gravity anomaly is located along the contact of the Chedabucto Fault Complex and the Minister Brook Formation (Guysborough Group) (White et al., 1998).

The gravity anomaly (waypoints AN-71-01-AN-71-03) is located on Tomkinsville Road, four kilometers southwest of gravity anomaly NS-70. Outcrop exposure in the area is <1%. Light green non magnetic fine grained basalt is exposed near the center of the anomaly with magnetic susceptibilities that vary from 0.2 to 0.3 SI.

DIAMOND DRILLING

One Target area was drill tested in December 2008 . This was Anomaly NS05 in Licence 7587, NTS 21H/8C. This anomaly was chosen, not because it was the best target but because it was the only gravity anomaly on which 3D inversion modeling had been carried out at that time

Drill holes NS-05-08-01 and NS-05-08-02 were drilled to test gravity anomaly NS-05. Gravity anomaly NS-05 (3mgal) is located approximately six kilometres north of Parrsboro, west of Gilbert Hills (Figure3). The hole locations are shown in relation to the Gravity Anomaly in Figure 4.

The gravity anomaly lies along the contact of the Devonian-Carboniferous Hanna Farm Pluton and Gilbert Hills Formation (Piper et al., 2005).

The two drill holes totaling 782 metres were drilled by Logan Drilling Group and completed in December of 2008.

DRILL HOLE NS-05-08-01

Drill hole NS-05-08-01 (5035215N/394595E) was drilled to a depth of 488.50 meters. The drill hole intersected a sequence of magnetic to non-magnetic mafic volcanic rocks (tuff, lapilli tuff, agglomerate and basalt), brecciated granite and mafic intrusive rocks (gabbro).

The mafic volcanic rocks are weakly altered (epodite), weakly foliated and contain minor magnetite.

The brecciated granite dykes are strongly brecciated, moderately magnetic and strongly altered (hematite) with 3-5% pyrite along late fractures. The granite dykes are thought to be related to the Hanna Farm Pluton, which outcrops west of the gravity anomaly.

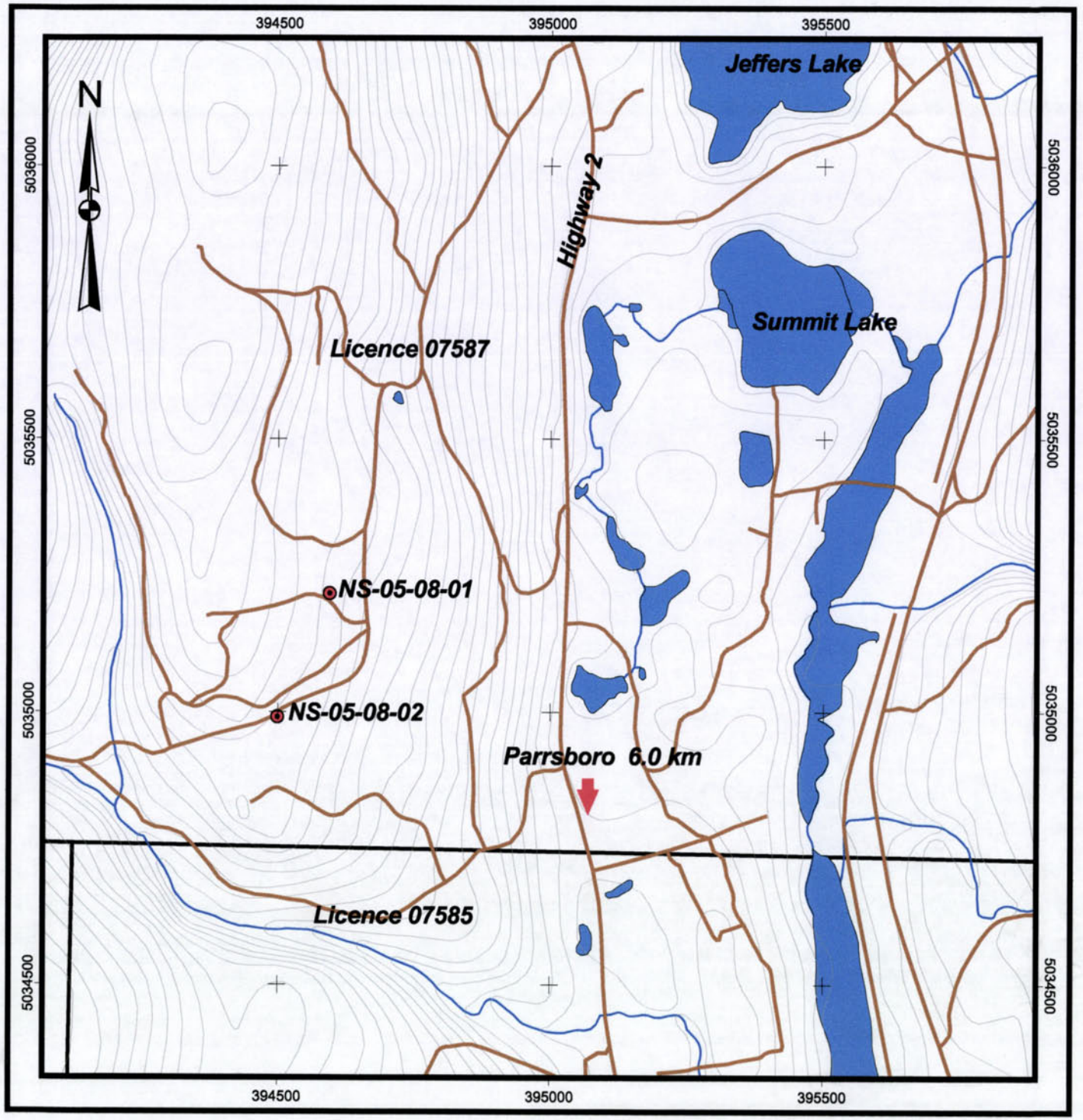
The mafic intrusive rocks (gabbro) are massive, weakly to strongly magnetic and have weak foliation.

A total of 154 core samples from drill hole NS-05-08-01 were sent to ALS Chemex, in Vancouver, Canada.

The core samples were analysed for 41 element agua regia ICPMS (see Appendix IV).

No significant copper or gold values were recorded. The core samples retuned trace amounts of copper and zinc.

One gold standard and copper standard along with a blank (see drill log) was sent in the 154 core samples.



DIAMOND DRILL HOLE LOCATION MAP

Minotaur Atlantic Exploration Ltd

Legend

- Diamond Drill Hole
- Road or Trail
- Relief Contour
- Lake or Pond
- Stream
- Licence Area

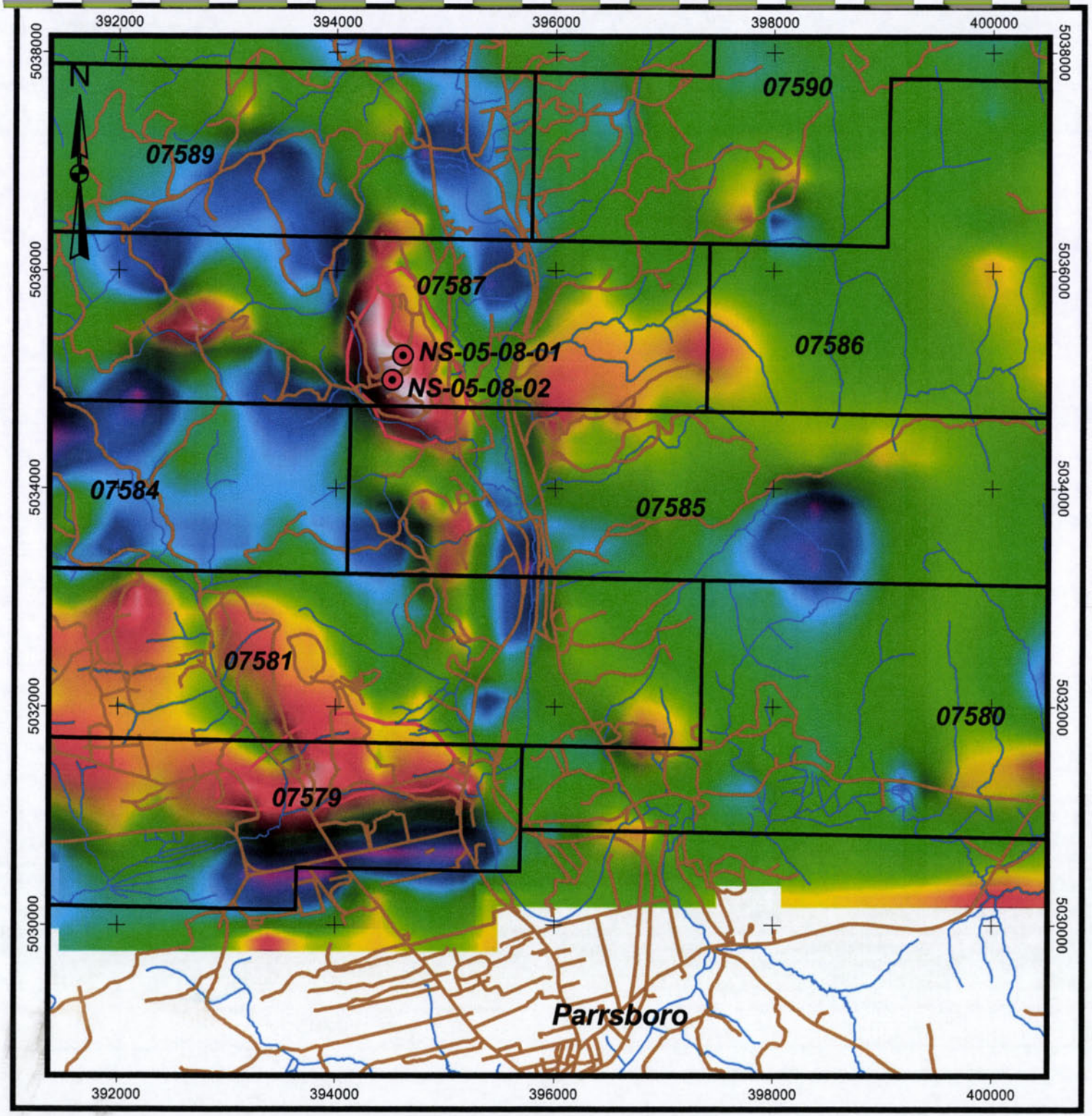
200 0 200 Meters

Scale 1:10000

G. Morris P.Geo

NTS 21H08

Figure 3



GRAVITY MAP

MINOTAUR ATLANTIC EXPLORATION LTD

LICENCE 7587

- Diamond Drill Hole
- Licence Area
- Road
- Stream or River
- Gravity Anomaly Area

1VD Bouguer Gravity (mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

500 0 500 Meters

Scale 1:50000

Figure 4

DRILL HOLE NS-05-08-02

Drill hole NS-05-08-02 (5034990N/394499E) was drilled to a depth of 393.76 meters and is located approximately 225 metes southwest of drill hole NS-05-08-01 (Figure3).

The drill hole intersects mafic volcanic, brecciated granite and mafic intrusive rocks similar to drill hole NS-05-08-01.

The mafic volcanic rocks (lapilli tuff, agglomerate and basalt) are altered (sheared) near the brecciated granite contacts and contained moderate amounts of magnetite.

The brecciated granite is strongly altered (hematite) with 3-5% pyrite along the fractures.

The mafic intrusive rocks (gabbro) are epidote rich and weakly to moderately magnetic.

A total of 87 core samples from drill hole NS-05-08-01 were sent to ALS Chemex, in Vancouver, Canada.

The core samples were analysed for 41 element agua regia ICPMS (seeAppendix IV).

The 87 core samples retuned trace amounts of copper and zinc.

One gold standard and copper standard along with a blank (see drill log) was sent in the 87 core samples.

INTERPRETATION OF RESULTS

GRAVITY SURVEY

A regional gravity covering a 250 kilometre by 25 kilometre belt in central Nova Scotia outlined approximately 80 gravity high anomalies.

Integration of gravity with magnetic, geology, structure, geochronology, geochemistry and mineral occurrence data in a GIS environment was supplemented with reconnaissance field traverses to determine the possible sources of the anomalism. Of the 80 target areas, 28 were selected as having high or very high potential to host possible IOCG alteration and mineralization. The positive selection criteria included:

- Discrete gravity anomalism
- Coincident or proximal magnetic anomalism
- Proximity to Devonian – Carboniferous (D-C) mafic and felsic intrusive rocks
- Proximity to major structures connecting with D-C intrusive rocks
- Dilatational structural setting
- Presence of D-C volcanic rocks
- Presence of iron alteration
- Presence of mineralization associated with Fe alteration

Many of the target areas defined in the reconnaissance survey conform to these specifications. Because of the number and widespread distribution of the anomalies it is necessary to carry out more detailed gravity surveys to "fine tune" and better define the targets.

GEOLOGY

Geological mapping and prospecting likewise was carried out over the whole property and established the correlation of copper bearing rocks in association with several of the gravity anomalies. The mapping is continuing on a detailed basis and will be integrated with the gravity and magnetic data.

Geological mapping was primarily carried out over areas highlighted by gravity anomalies. Emphasis was placed on prioritizing targets on the basis of gravity, magnetics, rock type (predominantly Devono/Carboniferous granites, with hematite, magnetite or suphide alteration) to assist with classification of the rocks Magnetic susceptibility readings were taken on the rocks and a large percentage of them had specific gravity determinations carried out. The specific gravity, susceptibility values and alteration helped prioritize significant anomalies. Several of the gravity anomalies occur in unaltered mafic intrusives or mafic volcanic rocks and were considered to be of low mineral potential and the licences were dropped.

DIAMOND DRILLING

Diamond drilling of two holes on one gravity anomaly (anomaly NS05, Hanna Farm, north of Parrsboro, was carried out. Altered hematized and sulphide rich granites were intersected. No significant copper or gold values were recorded. There is further scope for testing this anomaly.

A 5,000metre drilling program had been planned for he 2009 season, but budget restraints from our joint venture partners, has put the program temporarily on hold.

CONCLUSIONS and RECOMMENDATIONS

The exploration program being carried out by Minotaur Atlantic Exploration Limited covers the 250 kilometre length of the Cobequid – Chedabucto Fault system. This is a major tectonic suture which has had Iron and Copper deposits associated with breccia zones. This has only in recent years been recognized as a similar setting to the World-Class Olympic Dam deposit. A total of 80 Gravity high anomalies were outlined in the survey.

The gravity reconnaissance and appreciable in-fill detailing of anomalies has been completed and has resulted in an extremely comprehensive gravity coverage of the Cobequid/Chedabucto Fault Zone and provides data which will be of very significant value.

Geological mapping and prospecting in the 2008 season has located significantly altered and mineralized Devono/Carboniferous granites and a number of specific sites have been chosen for diamond drill testing. An initial phase of 500 metres of drilling is proposed.

Continued geological evaluation will be carried out over the many Anomalous Gravity targets.

BIBLIOGRAPHY

Donohoe, H.V., 1982. Mineral occurrences in the Cobequid Highlands. *Nova Scotia Department of Mines and Energy, Report* 82-1.

Donohoe, H.V. and Wallace, P.I., 1978. Geology map of the Cobequid Highlands. *Nova Scotia Department of Mines, Preliminary Map* 78-1.

Donohoe, H.V. and Wallace, P.I., 1983. Geological map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia. Sheet 1 of 4. *Nova Scotia Department of Mines and Energy. Geological Atlas 1:50 000 Series*, Map ME 1982-006.

Donohoe, H.V. and Wallace, P.I., 1983. Geological map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia. Sheet 2 of 4. *Nova Scotia Department of Mines and Energy. Geological Atlas 1:50 000 Series*, Map ME 1982-007.

Donohoe, H.V. and Wallace, P.I., 1983. Geological map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia. Sheet 3 of 4. *Nova Scotia Department of Mines and Energy. Geological Atlas 1:50 000 Series*, Map ME 1982-008.

Donohoe, H.V. and Wallace, P.I., 1983. Geological map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia. Sheet 4 of 4. *Nova Scotia Department of Mines and Energy. Geological Atlas 1:50 000 Series*, Map ME 1982-009.

Goad, R.E., Mumin, A.H., Duke, N.A., Neale, K.L. and Mulligan, D.L., 2000. Geology of the Proterozoic Iron Oxide-hosted NICO Cobalt-Gold-Bismuth and Sue-Dianne Copper-Silver Deposits, Southern Great Bear Magmatic Zone, Northwest Territories, Canada; *In*: Porter, T.M. (ed.) Hydrothermal iron oxide copper–gold and related deposits: a global perspective. Australian Mineral Foundation, Adelaide, pp249-267.

Keppie, J.D., 2000. Geological Map of the Province of Nova Scotia. Scale 1:500 000. Nova Scotia Department of Natural Resources, ME2000-1.

Kontak, D.J., 2006. Nature of iron oxide, copper gold mineralisation along the Cobequid-Chedabucto fault system: an update on studies at Mount Thom and Copper Lake. *In:* Mineral Resources Branch, Report of Activities 2005. *Nova Scotia Department of Natural Resources, Report ME2006-1*:67-98.

Murphy, J.B., Keppie, J.D. and Hynes, A.J., 1983. Geological map of the northern Antigonish Highlands, Nova Scotia. (sheets 11E/09, 11E/16, 11F/12 and 11F/13). *Nova Scotia Department of Mines and Energy. Geological Atlas 1:50 000 Series.* Map ME1982-005.

BIBLIOGRAPHY (CON'T)

O'Reilly, G. A., 2004. Mafic and felsic intrusions in Carboniferous rocks of central Nova Scotia. *Nova Scotia Department of Natural Resources, Report ME2005-1*:73-92.

Reynolds, L.J., 2000. Geology of the Olympic Dam Cu-U-Au-Ag-REE deposit. *In*: Porter, T.M. (ed.) *Hydrothermal iron oxide copper–gold and related deposits: a global perspective. Australian Mineral Foundation, Adelaide,* p93-104.

Skirrow, R.G., Bastrakov, E., Davidson, G., Raymond, O.L. and Heithersay, P., 2002. The geological framework, distribution and controls of Fe-oxide and related alteration, and the Cu-Au mineralisation in the Gawler Craton, South Australia: Part II: alteration and mineralisation. *In*: Porter, T.M. (ed.) *Hydrothermal iron oxide copper–gold and related deposits: a global perspective. Australian Mineral Foundation, Adelaide,* Volume 2:33–47.

Wright, J.D., 1975. Iron deposits of Nova Scotia. *Nova Scotia Department of Mines, Economic Geology Series* 75-1.
Cobequid/Chedabucto Fault Zone - Geological Maps 1:50,000 Scale.
Available for digital download from Nova Scotia Department of Natural Resources.

DP ME 185, Version 2, 2006. Digital Geological Data Generated as Part of the Targeted Geoscience Initiative Project (Phase 2), Geological Mapping and Resource Evaluation in Central Nova Scotia, 2003-2005, NTS 11E/06 and 11E/07 and parts of 11E/05, 11E/10, 11E/11 and 11E/12, compiled by D. C. Brisco, R. D. Naylor, P. S. Giles, B. E. Fisher, J. C. Poole and J. S. McKinnon.

DP ME 148, Version 2, 2006. Digital geological data generated as part of the Cobequid Highlands Project 1983-1999, Colchester, Cumberland, and Pictou Counties, Nova Scotia, parts of NTS 11E/05, 11E/06, 11E/11, 11E/12, 21H/07, 21H/08 and 21H/09, by G. Pe-Piper and D. J. W. Piper. Digital product compiled by G. Pe-Piper, D. J. W. Piper, J. C. Poole, J. S. McKinnon and B. E. Fisher. (The following maps are derived from this digital product: OFM ME 2005-114, OFM ME 2005-115, OFM ME 2005-116 and OFM ME 2005-117.)

DP ME 72, Version 2, 2006. Digital geological data generated as part of the St. Mary's Basin Project 1993-1996, Antigonish, Colchester, Guysborough, Halifax, Hants and Pictou Counties, Nova Scotia, parts of NTS 11E/06, 11E/07, 11E08 and 11F/05, by J. B. Murphy and R. J. Rice. Digital product compiled by J. B. Murphy, R. J. Rice, B. E. Fisher, J. C. Poole, D. C. Brisco, J. S. McKinnon and S. K. Lee. (The following maps are derived from this digital product: OFM ME 2005-110, OFM ME 2005-111, OFM ME 2005-112 and OFM ME 2005-113.)

DP ME 24, Version 2, 2006. Digital Version of Nova Scotia Department of Natural Resources Map ME 1982-9, Geological Map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia, Sheet 4 of 4, NTS 11E/06, 11E/07 West,

11E/10 West and 11E/11, scale 1:50 000, by H. V. Donohoe, Jr. and P. I. Wallace, 1982. Digital product compiled by B. E. Fisher. (Formerly DP ME D82-09)

DP ME 23, Version 2, 2006. Digital Version of Nova Scotia Department of Natural Resources Map ME 1982-8, Geological Map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia, Sheet 3 of 4, NTS 11E/05 and 11E/12, scale 1:50 000, by H. V. Donohoe, Jr. and P. I. Wallace, 1982. Digital product compiled by B. E. Fisher. (Formerly DP ME D82-08)

DP ME 22, Version 2, 2006. Digital Version of Nova Scotia Department of Natural Resources Map ME 1982-7, Geological Map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia, Sheet 2 of 4, NTS 21H/08 and 21H/09, scale 1:50 000, by H. V. Donohoe, Jr. and P. I. Wallace, 1982. Digital product compiled by B. E. Fisher. (Formerly DP ME D82-07)

DP ME 21, Version 2, 2006. Digital Version of Nova Scotia Department of Natural Resources Map ME 1982-6, Geological Map of the Cobequid Highlands, Colchester, Cumberland and Pictou Counties, Nova Scotia, Sheet 1 of 4, NTS 21H/07, scale 1:50 000, by H. V. Donohoe, Jr. and P. I. Wallace, 1982. Digital product compiled by B. E. Fisher. (Formerly DP ME D82-06)

R C. Boehner and P. S. Giles, 1982.
DP ME 18, Version 2, 2006. Digital Version of Nova Scotia Department of Natural Resources Map ME 1982-2, Geological Map of the Antigonish Basin, Nova Scotia, Parts of NTS 11E/09, 11F/12 and 11F/13, scale 1:50 000, Digital product compiled by B. E. Fisher. (Formerly DP ME D82-02)

J. B. Murphy, J. D. Keppie and A. J. Hynes, 1991. Digital product compiled by B. E. Fisher, J. C. Poole, J. S. McKinnon and S. K. Lee.
DP ME 188, Version 1, 2006. Digital Version of Geological Survey of Canada Map 1749A, Geology, Antigonish Highlands, Nova Scotia, parts of NTS 11E/07, 11E/08, 11E/09, 11E/10, 11E/16 and 11F/13, scale 1:50 000.

Appendix I

Statement of Qualifications

I, John O'Sullivan of 12 Charlois Court, Dartmouth, Nova Scotia, do hereby certify as follows:

1) That I am a Geological Engineer in good standings, registered with the Association of Professional Engineers of Nova Scotia

2) That I am a graduate of the Haileybury School of Mines, Haileybury, Ontario. (Senior Mining Technician Diploma, 1968) and Michigan Technological University, Houghton, MI, U.S.A. (B.S. Geological Engineering, 1971)

3) That I have been continuously engaged in mineral exploration since 1960, with experience in Australia, Canada, Chile, Ireland and United Kingdom.

4) The report covers the exploration work on the Londonderry Group Licences, held by Minotaur Atlantic Exploration Limited has been prepared from a review of data available through Nova Scotia Department of Natural Resources and field work carried out during 2007 to July 2009

5) I believe the attached report is a fair review of the work completed on the Prospect, and reflects the mineral potential of the property.

6) I do not hold or expect to receive any interest in the property, which is the subject of this report, nor do I own or exercise control over any of the securities of Minotaur Atlantic Exploration Limited.

Signed: _____ Date: August 11, 2009

John O'Sullivan, P. Eng.
Dartmouth, Nova Scotia

Appendix II

Licence Tabulation

Minotaur Atlantic Exploration Ltd.

July 2009 Renewals

Final Mineral Claim Renewals July 13, 2009 - Arranged by Map Sheet

LICENCE																		TRACT	MAP....	# Claims	
11E/10B ✓																					
7461 ✓	1												N					35✓	11E10B	1	
										J	K	L	M	N	O	P	Q	36✓	11E10B	8	
																					9
7462 ✓	1	A	B	C	D	E	F	G	H									37✓	11E10B	8	
					D	E												38✓	11E10B	2	
																					10
LICENCE																		TRACT	MAP....		
11E/11A ✓																					
7476 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M		O	P	Q	25✓	11E11A	15	
		A							H	J								48✓	11E11A	3	
																					18
7479 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M					81 ✓	11E11A	12	
																					12
7485 ✓	1									J	K	L	M	N	O	P	Q	9 ✓	11E11A	8	
																					8
7486 ✓	1									J	K	L	M	N	O	P	Q	10✓	11E11A	8	
										J	K	L	M	N	O	P	Q	11✓	11E11A	8	
										J	K	L	M	N	O	P	Q	12✓	11E11A	8	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	15✓	11E11A	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	16✓	11E11A	16	
																					56
7487 ✓	1			C	D	E	F					L	M	N	O			17✓	11E11A	8	
																					8
7488 ✓	1											L	M	N	O			30 ✓	11E11A	4	
										J							Q	31 ✓	11E11A	2	
		A							H	J							Q	42 ✓	11E11A	4	
				C	D	E	F					L	M	N	O	P		43 ✓	11E11A	9	
																					19

7489 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	13 ✓	11E11A	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	14 ✓	11E11A	16	
		A	B	C	D	E	F					L	M	N	O			34 ✓	11E11A	10	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	35 ✓	11E11A	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	36 ✓	11E11A	16	
																					74

11E/11B

7494 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	1 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	2 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	3 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	24 ✓	11E11B	16	
																					64
7495 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	4 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	5 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	6 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	20 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	21 ✓	11E11B	16	
																					80
7496 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	22 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	23 ✓	11E11B	16	
																					32
7497 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	9 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	10 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	11 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	15 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	16 ✓	11E11B	16	
																					80
7498 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	12 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	13 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	14 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M					35 ✓	11E11B	12	
		A	B	C	D	E	F	G	H	J	K	L	M					36 ✓	11E11B	12	
																					72
7499 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M					33 ✓	11E11B	12	
		A	B	C	D	E	F	G	H	J	K	L	M					34 ✓	11E11B	12	
																					24
7505 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	7 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	8 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	17 ✓	11E11B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	18 ✓	11E11B	16	

		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	19 ✓ 11E11B 16	
																			80
7506 ✓	1		B	C	D	E	F	G			K	L	M					32 ✓ 11E11B 9	
																			9

11E/12A ✓

7513 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	1 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	2 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	3 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	4 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	5 ✓ 11E12A 16	
																			80
7514 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	6 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	7 ✓ 11E12A 16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	8 ✓ 11E12A 16	
		A							H	J							Q	9 ✓ 11E12A 4	
																			52
7515 ✓	1																		
		A							H	J								16 ✓ 11E12A 3	
		A	B	C	D	E	F	G	H	J	K	L	M					17 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M					18 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M					19 ✓ 11E12A 12	
																			39
7516 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M					20 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M					21 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M					22 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M					23 ✓ 11E12A 12	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	24 ✓ 11E12A 16	
																			64
7517 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M					25 ✓ 11E12A 12	
																			12

11E/12B ✓

7531 ✓	1																		
						E	F					L	M	N	O			3 ✓ 11E12B 6	
						E	F	G	H	J	K	L	M	N	O	P	Q	4 ✓ 11E12B 12	
																			18
7532 ✓	1					E						M	N					6 ✓ 11E12B 3	
										J	K	L	M	N	O	P	Q	7 ✓ 11E12B 8	
																			11

7533 ✓	1		B	C	D	E	F	G			K	L	M	N	O	P		17 ✓	11E12B	12	
			B	C	D	E	F	G			K	L	M	N	O	P		32 ✓	11E12B	12	
									H	J	K	L		N	O	P	Q	8 ✓	11E12B	8	
																					32
7534	1	A						G	H	J	K	L	M	N	O	P	Q	16 ✓	11E12B	11	
		A	B					G	H	J	K			N	O	P	Q	15 ✓	11E12B	10	
																	Q	14 ✓	11E12B	1	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	33 ✓	11E12B	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	34 ✓	11E12B	16	
		A							H	J								35 ✓	11E12B	3	
																					57
7536 ✓	1									J	K	L	M	N	O	P	Q	27 ✓	11E12B	8	
										J							Q	28 ✓	11E12B	2	
																					10
7537 ✓	1	A																45 ✓	11E12B	1	
		A	B	C	D													46 ✓	11E12B	4	
																					5
7539 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M					21 ✓	11E12B	12	
				C	D	E	F					L	M					22 ✓	11E12B	6	
																					18
7540 ✓	1	A	B	C	D	E	F	G	H									39 ✓	11E12B	8	
		A	B	C	D	E	F	G	H									40 ✓	11E12B	8	
																					16

11E/5C

7404 ✓	1					E	F	G	H	J	K	L	M	N	O	P	Q	69 ✓	11E5C	12	
										J	K	L	M	N	O	P	Q	70 ✓	11E5C	8	
										J	K	L	M	N	O			71 ✓	11E5C	6	
										J	K	L	M		O	P	Q	72 ✓	11E5C	7	
		A	B	C				G	H	J	K					P	Q	73 ✓	11E5C	9	
				C	D	E							M	N	O	P	Q	74 ✓	11E5C	8	
		A	B	C	D	E	F	G	H	J	K	L	M			P	Q	75 ✓	11E5C	14	
																					64

7405 ✓	1					E	F	G	H	J	K	L	M	N	O	P	Q	68✓	11E5C	12					
						E	F	G	H	J	K	L	M	N	O	P	Q	67✓	11E5C	12					
		A	B	C	D	E	F	G	H									76 ✓	11E5C	8					
		A	B	C	D	E	F	G	H									77✓	11E5C	8					
		A	B	C	D	E	F	G	H									78 ✓	11E5C	8					
																					48				
7406 ✓	1	A	B					G	H									94✓	11E5C	4					
		A	B	C	D	E	F	G	H	J	K	L			O	P	Q	95✓	11E5C	14					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	96 ✓	11E5C	16					
																					34				
7406a ✓	1											L	M	N	O			92 ✓	11E5C	4					
																					4				
7407 ✓	1			C	D	E	F					L	M					101 ✓	11E5C	6					
																					6				
7408 ✓	1									J	K	L			O	P	Q	91✓	11E5C	6					
		A	B					G	H	J	K							102 ✓	11E5C	6					
																					12				
7409✓	1													N	O	P	Q	56 ✓	11E5C	4					
											K	L	M	N	O	P	Q	57✓	11E5C	7					
									J	K	L	M	N	O	P	Q		58✓	11E5C	8					
									J	K	L	M	N	O	P	Q		59✓	11E5C	8					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q		62✓	11E5C	16				
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q		63✓	11E5C	16				
				C	D	E	F						M	N				64✓	11E5C	6					
		A	B					G	H	J	K							65✓	11E5C	6					
						D	E											81✓	11E5C	2					
																					73				
7410✓	1									J	K	L	M	N	O	P	Q	60 ✓	11E5C	8					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	61✓	11E5C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	82✓	11E5C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	83✓	11E5C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	84 ✓	11E5C	16					
																					72				

11E/5D ✓

7412✓	1	A	B	C	D	E	F	G	H				M	N				83 ✓	11E5D	10					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	84✓	11E5D	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	85 ✓	11E5D	16					
																					42				
7417 ✓	1									J	K	L	M	N	O	P	Q	97 ✓	11E5D	8					

						E	F	G	H	J	K	L	M	N	O	P	Q	98 ✓	11E5D	12	
										J	K	L	M	N	O	P	Q	99 ✓	11E5D	8	
										J	K	L	M	N	O	P	Q	100 ✓	11E5D	8	
										J	K	L	M	N	O	P	Q	101 ✓	11E5D	8	
										J	K	L	M	N	O	P	Q	102 ✓	11E5D	8	
														N	O	P	Q	103 ✓	11E5D	4	
														N	O	P	Q	104 ✓	11E5D	4	
				B	C	D	E	F	G			K	L	M	N	O	P	Q	105 ✓	11E5D	13	
																					73

11E/6C ✓

7429 ✓	1									J	K	L	M	N	O	P	Q	105 ✓	11E6C	8	
			B	C	D	E	F	G		J	K					P	Q	106 ✓	11E6C	10	
		A	B	C			F	G	H									107 ✓	11E6C	6	
																					24

11E/8D ✓

7444 ✓	1				D	E							M	N				76 ✓	11E8D	4	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	77 ✓		16	
																					20
7445 ✓	1												M	N	O	P	Q	40 ✓	11E8D	5	
														N	O	P	Q	41 ✓	11E8D	4	
		A	B	C	D	E	F	G	H									56 ✓	11E8D	8	
																					17
7446 ✓	1	A	B	C	D	E	F	G	H									57 ✓	11E8D	8	
																					8
7450 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	85 ✓	11E8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	86 ✓	11E8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	107 ✓	11E8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	108 ✓	11E8D	16	
																					64
7451 ✓	1													N	O	P	Q	87 ✓	11E8D	4	
														N	O	P	Q	88 ✓	11E8D	4	
																					8
7452 ✓	1	A	B	C	D	E	F	G	H									92 ✓	11E8D	8	
					D	E												93 ✓	11E8D	2	
																					10

7454 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	105 ✓	11E8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	106 ✓	11E8D	16	
																					32
7661 ✓	1					E	F	G	H	J	K	L						40 ✓	11E8D	7	
						E	F					L	M					41 ✓	11E8D	4	
																					11

11F/5C ✓

7551 ✓	1								J	K	L	M	N	O	P	Q	15 ✓	11F5C	8	
									J	K	L	M	N	O	P	Q	16 ✓	11F5C	8	
									J	K	L	M	N	O	P	Q	17 ✓	11F5C	8	
																					24
7553 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	28 ✓	11F5C	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	29 ✓	11F5C	16	
																					32
7554 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	30 ✓	11F5C	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	31 ✓	11F5C	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	32 ✓	11F5C	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	33 ✓	11F5C	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	34 ✓	11F5C	16	
																					80
7555 ✓	1	A	B	C	D	E	F	G	H									37 ✓	11F5C	8	
		A	B	C	D	E	F	G	H	J	K	L						38 ✓	11F5C	11	
		A	B	C	D	E	F	G	H		K	L	M					39 ✓	11F5C	11	
																					30
7556 ✓	1	A	B	C	D	E	F	G	H									40 ✓	11F5C	8	
		A	B	C	D	E	F	G	H									41 ✓	11F5C	8	
		A	B	C	D	E	F	G	H									42 ✓	11F5C	8	
		A	B	C	D	E	F	G	H									43 ✓	11F5C	8	
																					32
7557 ✓	1	A	B	C	D													44 ✓	11F5C	4	
		A	B	C	D													45 ✓	11F5C	4	
																					8

21H/7C ✓

7567 ✓	1					E	F	G	H	J	K	L	M	N	O	P	Q	3 ✓	21H7C	12	31
		A							H	J							Q	4 ✓	21H7C	4	

| | | |

7578 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	37 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	38 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	39 ✓	21H8C	16					
																									48
7579 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	40 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	41 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	42 ✓	21H8C	16					
			B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	43 ✓	21H8C	15					
						E	F	G	H	J	K	L	M	N	O	P	Q	44 ✓	21H8C	12					
																									75
7581 ✓	1			C	D	E	F					L	M	N	O			52 ✓	21H8C	8					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	53 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	54 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	55 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	56 ✓	21H8C	16					
																									72
7582 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	57 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	58 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	59 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	60 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	61 ✓	21H8C	16					
																									80
7583 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	62 ✓	21H8C	16					
																									16
7584 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	63 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	64 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	65 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	66 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	67 ✓	21H8C	16					
																									80
7585 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	68 ✓	21H8C	16					
				C	D	E	F					L	M	N	O			69 ✓	21H8C	8					
																									24
7587 ✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	76 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	77 ✓	21H8C	16					
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	78 ✓	21H8C	16					

48

21H/8D✓

7595 ✓	1								J	K	L	M	N	O	P	Q	57✓	21H8D	8	
									J	K	L	M	N	O	P	Q	58✓	21H8D	8	
									J	K					P	Q	59✓	21H8D	4	
																				20
7596 ✓	1								J	K	L	M	N	O	P	Q	56✓	21H8D	8	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	63✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	64✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	65✓	21H8D	16	
				C	D	E	F	G	H	J	K	L	M	N	O	P	Q	66✓	21H8D	14	
																				70
7597 ✓	1					E	F	G	H	J	K	L	M	N	O	P	Q	67✓	21H8D	12	
						E							M	N				68✓	21H8D	3	
																				15
7598✓	1	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	61✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	62✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	83✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	84✓	21H8D	16	
		A	B	C	D													85✓	21H8D	4	
																				68
7599 ✓	1												M	N				74✓	21H8D	2	
									J	K	L	M	N	O	P	Q		75✓	21H8D	8	
									J	K					P	Q		76✓	21H8D	4	
																				14
7599a ✓	1				D	E												77✓	21H8D	2	
																				2
7600 ✓	1	A	B	C	D	E	F	G	H									78✓	21H8D	8	
		A	B	C	D	E	F	G	H									79✓	21H8D	8	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	80✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	81✓	21H8D	16	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	82✓	21H8D	16	
																				64
7601 ✓	1	A	B	C	D													87 ✓	21H8D	4	

| | | |

A B C D G H 27✓ 21H9A 6

17

87 **Total** 3115

Final 22 July 2009

Appendix III

Geophysics Methodology

Client: **Minotaur Atlantic Exploration Ltd.**
Contractor: **Eastern Geophysics Limited**
Survey Type: **Regional Gravity Survey**
Survey area: **Northern Nova Scotia**
Project Manager: **John O'Sullivan**
Project # 0713

Introduction
This regional gravity survey was designed to evenly cover as mush area as possible by following existing roads and trails throughout the property. The use of snowmobiles and ATV may be considered in areas of poor coverage. The station spacing is 250 to 300 meters along these roads.

Survey Equipment
The equipment used was the LaCoste & Romberg model G gravity meters with damping option, the Alegro dataloggers, Lieca GPS 1230 RTK dual frequency differential GPS systems with GLONASS option, Garmin GPSMAP-60CX standalone 12 channel GPS receivers for basic navigation.

Equipment List
LaCoste & Romberg Gravity meter # 789, # 451, and # 167
Allegro dataloggers model CX
Leica GPS 1230 RTK dual frequency differential with GPS and GLONASS option.
Garmin GPSMAP 60CX, Garmin Legend CX and C.

Survey Procedure
For this gravity survey, the gravity base stations were all tied-in to the Canadian Gravity Standardization Network (CGSN Network). Regional stations are spaced at 250 to 300m.

Positioning
All GPS values were tied to the Nova Scotia High Precision Network (NSHPN network). The horizontal datum used for this survey was the North American Datum 1983 (NAD83) in Universal Transverse Mercator grid (UTM) zone 20. The GPS ellipsoidal elevations were transformed to orthometric or Mean Sea Level (MSL) elevations using the HT2_0 geoid model.

Gravity Crew
One complete crew consists of one fully trained gravity operator and one completely trained GPS operator, all geophysical, GPS, and computer hardware and software, one road vehicle and fuel, all accommodations for field crew, and all standard safety equipment. One person will be involved directly at quality control of all the data and planning the day-to-day activity of the field crew(s). The station count will consist of every station observed with gravity and DGPS and that have been calculated and reduced according to the technical specifications of this tender.

GRAVITY SURVEY SPECIFICATIONS AND EQUIPMENT

1. Types of Surveys: a) Regional gravity survey.
   b) DGPS positioning

2. Instruments: a) - LaCoste & Romberg model G gravity meters with damping option.
   b) – Leica system 1230 Dual frequency DGPS system with GLONASS capabilities.
   c) – handheld single frequency GPS receivers for crude navigation.

3. Computer equipment: a) - Laptop computers with e-mail capabilities.
   b) – Handheld electronic notebooks for data storage
   c) - Leica Geo-Office software and Geosoft software.

4. Location: Cobequid-Chedabucto Fault Zone, Nova Scotia

5. Approximate number of stations: 15000 (plus repeats)

6. Repeat readings: Approx. 2 %

7. Station spacing: 200 to 300 meters.

8. Elevation accuracy: +/- 5 cm. per station.

9. Gravity accuracy: 0.05 mgal. repeats.

10. Bouguer anomalies will be calculated using the 1967 gravity formula using a base density of 2.67 g/cc^3.

11. UTM coordinates will be transformed to the horizontal datum NAD27, Zone 20 and the elevations will be in Mean Sea Level heights in meters.

12. Drift corrections: The gravity meter will be tied to base stations at regular intervals. All readings tied to the Canadian Gravity Standardization Network (CGSN)

13. Deliverables: Digital data on CD consisting of all raw and reduced data. Logistics report, gravity and GPS base station values and locations, repeat readings and loop closures lists.

Contact information

EASTERN GEOPHYSICS LIMITED
819, Ret. 335, P.O. Box 119
West Pubnico, Nova Scotia Canada B0W 3S0
Phone: (902) 762-3037 Fax: (902) 762-3434
E-mail: brian.d@ns.sympatico.ca
Contact person: Brian d'Entremont

Minotaur Exploration Ltd.
247 Greenhill Road
Dulwich 5065, South Australia
Contact person: Andrew Thompson
Chief Geophysicist

Appendix IV

Certificates of Assay

ALS Chemex

Geochemical Procedure – ME-MS41
Ultra-Trace Level Methods Using ICP-MS and ICP-AES

Sample Decomposition: Aqua Regia Digestion (GEO-AR01)
Analytical Method: Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter-element spectral interferences.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10 000
Gold	Au	ppm	0.2	25
Boron	B	ppm	10	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1 000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10 000

Element	Symbol	Units	Lower Limit	Upper Limit
Chromium	Cr	ppm	1	10 000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10 000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10 000
Lithium	Li	ppm	0.1	10 000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10 000
Phosphorus	P	ppm	10	10 000
Lead	Pb	ppm	0.2	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	0.2	1 000

Element	Symbol	Units	Lower Limit	Upper Limit
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.05	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.05	10 000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
This copy reported on 2-OCT-2008
Account: MIATEX

CERTIFICATE TM08126790

Project: IOCG-NS

P.O. No.:

This report is for 55 Rock samples submitted to our lab in Timmins, ON, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

GREGG MORRIS	JOHN O SULLIVAN	

SAMPLE PREPARATION

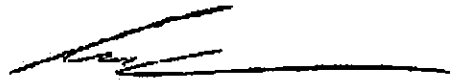
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
ME-MS41	51 anal. aqua regia ICPMS	

To: **MINOTAUR ATLANTIC EXPLORATION LTD.**
ATTN: GREGG MORRIS
12 CHARLOIS CT
HALIFAX NS B2W 2R4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
AN-05-05		0.31	0.5	0.27	1.6	<0.2	<10	10	4.52	0.56	0.07	0.02	113.5	1.2	7	0.17
AN-05-30		0.40	0.33	0.36	2.3	<0.2	<10	20	6.06	0.58	0.17	0.05	75.2	2.9	7	0.58
AN-05-32		0.78	0.13	1.67	2.6	<0.2	<10	90	1.44	0.18	2.32	0.42	45.8	23	15	1.48
AN-05-33		0.49	0.15	1.65	4.4	<0.2	<10	30	1.42	0.34	4.53	0.59	51.7	25.1	18	1.9
AN-06-02		0.20	0.04	3.27	3.7	<0.2	<10	20	0.96	0.1	2.2	0.07	85.2	35.1	<1	4.02
AN-06-04		0.11	0.02	3.21	3.3	<0.2	<10	50	0.24	0.02	1.42	0.06	24.8	38.4	136	1.42
AN-06-13		0.27	0.06	0.3	1.9	<0.2	<10	230	0.44	0.07	0.3	0.02	86.2	66.2	4	0.09
AN-06-35		1.22	0.05	0.59	0.1	<0.2	<10	10	<0.05	<0.01	0.16	0.02	0.57	93.4	675	<0.05
AN-06-56		0.65	1.9	2.2	20.6	<0.2	<10	90	1.06	0.1	0.44	2.99	121.5	13.1	45	7.03
AN-07-01		0.50	0.02	2.06	5	<0.2	10	40	0.41	0.1	1.4	0.03	36.3	31.7	48	2.18
AN-07-04		0.34	0.03	4.04	4.9	<0.2	<10	10	0.57	0.08	0.91	0.03	11.75	37.3	150	0.4
AN-07-10		0.51	0.04	0.43	14	<0.2	<10	20	4.95	4.48	0.02	0.05	106	5.8	7	3.09
AN-08-03		0.42	1.28	2.09	3.1	<0.2	<10	30	0.88	4.3	1.32	0.08	69.9	14	26	0.23
AN-13-10		0.39	0.01	0.62	0.6	<0.2	<10	40	0.61	0.05	0.18	0.01	13.1	51.7	9	0.9
AN-13-15		0.42	0.01	1.26	0.3	<0.2	<10	30	0.63	0.09	0.45	0.03	53.2	3.2	30	0.84
AN-14-02		0.24	0.01	2.94	0.6	<0.2	<10	120	0.98	0.01	2.23	0.01	88.1	14.4	40	5.65
AN-14-03		0.41	0.03	0.96	1.9	<0.2	<10	60	0.7	0.06	3.44	0.04	92.1	76.5	35	1.08
AN-1A-06		0.47	0.48	0.68	44.4	<0.2	<10	30	0.5	4.76	0.11	0.02	21.6	246	12	0.48
AN-40-16		0.83	0.06	2.79	0.2	<0.2	<10	80	1.22	0.27	1.75	0.06	44	35	137	2.73
AN-40-21		0.74	0.09	3.7	2.2	<0.2	<10	120	1.12	0.29	3.07	0.17	18.25	34.2	16	1.57
AN-5A-01		0.37	0.18	0.46	0.7	<0.2	<10	60	0.24	0.94	0.2	0.03	25.6	6.1	2	0.34
AN-68-09		0.42	0.8	0.72	0.2	<0.2	<10	30	0.14	1.07	0.12	0.01	31.9	7.1	22	0.43
EAST-001		0.31	0.05	0.22	2	<0.2	<10	10	0.23	0.14	12.45	0.03	6.94	89.2	<1	0.31
EAST-002		0.42	0.04	0.24	1	<0.2	<10	10	0.29	0.06	9.32	0.03	11.5	37.9	<1	0.46
GR-01		0.62	0.42	2.67	9.5	<0.2	<10	90	0.35	0.06	0.85	0.01	56.8	14.8	79	0.22
MAGBR		0.53	0.14	0.59	5.5	<0.2	<10	20	0.57	0.38	0.12	0.01	6.67	542	2	0.99
NS-029-70		0.42	0.03	3.48	2.7	<0.2	<10	10	0.74	0.01	6.95	0.05	37	54.3	123	0.44
NS-029-76		0.66	0.02	0.52	1.9	<0.2	<10	90	0.26	0.23	0.26	0.04	2.83	31.4	15	<0.05
NS-029-84		0.13	0.04	2.69	1.7	<0.2	<10	10	0.37	0.01	1.81	0.11	6.11	42.4	70	0.64
OC-003		0.56	0.03	2.29	1.6	<0.2	<10	10	0.81	0.01	3.28	0.07	37.8	36.6	47	14.3
MIN-2		0.03	1.82	2.23	5.8	<0.2	<10	50	0.64	5.19	0.46	0.12	66.1	17.1	31	1.14
MIN-5		0.08	0.05	0.72	1305	1.4	<10	100	1.17	0.51	0.01	0.08	53.9	2.8	45	1.45
AN-99		0.41	<0.01	0.03	3	<0.2	<10	10	<0.05	<0.01	>25.0	0.01	1.32	0.7	<1	0.05
NS-023-30		Not Recvd														
NS-023-31		0.07	0.01	0.79	1.1	<0.2	<10	60	0.32	0.08	0.51	0.03	25.8	7.3	6	0.88
NS-023-33		0.30	0.02	0.98	0.9	<0.2	<10	20	0.48	0.05	1.19	0.03	23	32	11	4.28
NS-023-39		0.18	0.01	0.4	2	<0.2	<10	20	0.15	0.06	8.84	0.03	72.4	46.1	12	0.46
NS-023-40		0.16	0.03	0.43	4.3	<0.2	<10	10	0.23	0.15	0.13	0.01	20.3	79.8	9	0.31
NS-023-41		0.39	0.02	1.12	3.4	<0.2	<10	40	0.17	0.1	6.78	0.05	10.6	48.8	10	0.39
NS-023-46		0.30	0.07	2.04	2.6	<0.2	<10	50	0.32	0.03	0.88	0.2	10.25	86.2	71	1.16

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
AN-05-05		70.1	1.33	3.61	0.29	1.89	0.05	0.044	0.14	97.1	2.2	0.04	121	0.72	0.07	7.7
AN-05-30		2400	2.28	5.28	0.14	0.98	0.05	0.121	0.07	28.6	7.5	0.18	366	4.09	0.04	11.25
AN-05-32		17.4	3.9	4.25	0.11	1.5	0.03	0.026	0.31	31.3	79	1.73	496	5.6	0.01	0.18
AN-05-33		33	4.65	7.18	0.12	1.77	0.01	0.166	0.38	27.8	54.9	1.19	575	6.61	0.02	0.13
AN-06-02		20.1	8.51	23.8	0.35	0.23	<0.01	0.061	0.03	32.9	74.9	4.25	1860	0.86	0.03	1.4
AN-06-04		10.1	6.32	9.03	0.17	0.43	<0.01	0.016	0.06	10.4	52.7	2.95	1135	0.6	0.22	0.49
AN-06-13		3.1	1.86	3.85	0.11	0.51	<0.01	0.006	0.08	35.9	6.4	0.15	129	0.75	0.05	1.52
AN-06-35		42.7	29.6	27.2	0.5	0.07	<0.01	0.034	0.02	0.2	0.4	0.64	294	0.17	0.01	0.33
AN-06-56		2460	4.64	11.15	0.25	0.92	0.03	0.238	1.32	54.6	33.3	1.27	246	0.63	0.07	0.36
AN-07-01		11.5	8.93	10.2	0.25	0.34	<0.01	0.035	0.06	14.5	30.1	1.81	605	1.02	0.16	0.38
AN-07-04		18.6	9.43	15.15	0.31	1.01	<0.01	0.047	0.02	5	78.7	4.32	1070	0.64	0.04	0.35
AN-07-10		22.2	1.14	5.38	0.06	0.63	0.06	0.062	0.29	19.8	4.5	0.07	126	1.04	0.03	9.07
AN-08-03		3420	3.76	13.05	0.25	0.45	0.03	0.077	0.02	29.6	53.7	1.51	575	25.9	0.04	1.32
AN-13-10		20.9	2.04	4.89	0.06	0.46	0.01	0.006	0.23	7.1	8.9	0.46	102	2.18	0.1	0.86
AN-13-15		179.5	3.65	3.69	0.09	0.46	<0.01	0.016	0.19	27.1	19.9	0.5	425	0.26	0.01	0.1
AN-14-02		3	9.03	18.4	0.25	0.13	<0.01	0.011	1.54	41.2	24.4	1.93	324	0.94	0.36	0.14
AN-14-03		5.1	7.95	7	0.18	0.34	<0.01	0.006	0.38	43.4	11.4	1.27	696	1.22	0.07	0.14
AN-1A-06		4180	1.65	2.78	<0.05	0.48	<0.01	0.039	0.25	9.9	10.6	0.33	548	0.54	0.03	0.09
AN-40-16		230	5.06	9.09	0.16	0.05	<0.01	0.045	0.53	17.5	23.8	0.88	469	0.88	0.05	0.44
AN-40-21		185	6.37	13.65	0.1	0.16	<0.01	0.036	0.24	8.5	41.8	3.27	1620	0.11	0.02	0.1
AN-5A-01		24.4	1.56	1.86	0.05	1.23	0.04	0.012	0.23	11.9	3.2	0.09	81	3.5	0.04	1.19
AN-68-09		7850	1.59	2.88	0.05	0.14	0.02	0.027	0.06	15.1	12.6	0.55	485	9.08	0.01	0.08
EAST-001		24.7	17.2	0.96	0.21	0.07	0.01	0.07	0.05	2.5	2.4	5.1	3510	0.27	0.07	0.35
EAST-002		9.3	19.85	0.86	0.21	0.15	<0.01	0.082	0.08	5.1	1.9	2.88	4430	0.29	0.05	0.39
GR-01		4210	5.12	11.65	0.16	0.27	0.02	0.038	0.08	25	16	2.01	603	0.71	0.03	0.73
MAGBR		18.6	49.5	22	1.65	0.16	0.02	0.006	0.53	3.4	5.6	0.49	80	10.9	0.02	0.99
NS-029-70		62.5	6.91	9.41	0.33	0.62	<0.01	0.015	0.02	20.5	23.1	3.38	1180	0.86	<0.01	2.87
NS-029-76		46.9	5.79	1.16	0.09	0.18	<0.01	<0.005	0.01	1.3	1.5	0.04	88	0.54	0.09	1.29
NS-029-84		203	8.78	8.88	0.31	1.1	0.01	0.02	0.01	2.2	9.8	2.09	961	0.29	0.06	0.42
OC-003		40.6	8.69	13.4	0.35	0.84	<0.01	0.053	0.05	15.7	16.8	1.95	1350	0.49	0.27	1.21
MIN-2		6150	4.2	6.02	0.11	0.72	0.01	0.641	0.32	31.5	17.7	1.2	599	0.44	0.01	0.43
MIN-5		47.6	2.95	2.9	0.07	0.37	0.03	0.039	0.28	25.6	5.4	0.03	58	2.62	0.02	0.07
AN-99		2.1	0.11	0.11	<0.05	<0.02	<0.01	<0.005	<0.01	1.3	0.3	0.52	118	<0.05	0.01	0.13
NS-023-30																
NS-023-31		5.8	1.83	4.41	0.06	0.63	<0.01	0.027	0.27	13.9	7.9	0.22	192	0.22	0.13	0.75
NS-023-33		8.5	1.19	2.33	0.09	0.13	<0.01	0.016	0.04	11	4.1	0.36	125	3.66	0.38	1.68
NS-023-39		2.5	4.64	1.29	0.09	0.37	<0.01	0.033	0.06	32.7	6.6	2.74	3570	0.67	0.03	0.13
NS-023-40		47	18.2	2.32	0.22	0.08	0.01	0.018	0.03	7.3	4.4	0.19	963	1.1	0.02	1.48
NS-023-41		2.9	4.05	2.9	0.06	0.16	<0.01	0.033	0.04	5.4	24.1	0.8	3220	0.98	0.02	0.09
NS-023-46		108.5	3.31	6.06	0.1	0.05	<0.01	0.016	0.19	4.7	20	1.6	482	0.18	0.18	0.21

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
AN-05-05		2.7	10	2.9	8.8	0.001	0.01	0.09	0.3	2.3	1.4	1.6	0.02	0.31	14.6	0.01
AN-05-30		4.8	70	4.7	9.2	<0.001	0.1	0.42	1.6	1.8	2.5	1.9	0.05	0.18	19.2	0.022
AN-05-32		42.3	790	1.7	18.2	0.012	2.18	0.14	3.5	1.2	0.2	18.8	<0.01	0.04	8.1	0.013
AN-05-33		43.4	700	15.2	20.1	0.013	2.53	0.28	4.5	1.4	0.4	34.8	0.01	0.04	8.7	0.017
AN-06-02		4.6	6290	24.6	4.2	0.001	<0.01	0.33	10	1.3	1.3	28.7	0.04	<0.01	0.8	0.528
AN-06-04		144	1700	6.4	5.4	<0.001	<0.01	0.13	2.9	0.5	0.6	53.2	0.01	<0.01	0.5	0.265
AN-06-13		5.8	120	1.6	3.6	<0.001	0.47	0.08	1.8	0.5	3.1	4.3	0.01	0.13	15	0.015
AN-06-35		284	30	0.4	0.3	0.001	0.23	<0.05	1.4	0.3	0.9	7.8	<0.01	0.01	<0.2	0.632
AN-06-56		33.2	430	209	127	0.001	0.52	1.06	10.3	1.2	2.6	12.1	0.01	0.11	11.2	0.224
AN-07-01		45.4	2340	4	5.4	0.001	0.01	0.62	5.7	0.8	0.8	51.2	0.01	<0.01	0.6	0.43
AN-07-04		87.9	740	3.5	2	<0.001	0.01	0.75	27.2	0.7	0.8	21.5	0.01	<0.01	0.3	0.678
AN-07-10		3.6	20	6.1	78.6	<0.001	0.01	0.9	0.6	1.3	3.4	1.6	0.05	0.2	26.3	0.006
AN-08-03		17.5	560	14	1.5	<0.001	0.22	0.23	8.7	0.9	2.1	59.1	0.03	0.01	12.3	0.239
AN-13-10		11.9	390	4.3	17.6	<0.001	0.43	0.09	3.8	0.4	1.8	4.3	0.01	0.01	12.1	0.046
AN-13-15		34.8	440	1.4	12.6	<0.001	0.01	0.22	2.7	0.3	0.4	4.2	<0.01	<0.01	7.1	0.017
AN-14-02		54.7	1010	6.2	100.5	0.001	0.12	0.09	18.4	0.4	1	47.7	<0.01	<0.01	6.7	0.225
AN-14-03		47.8	1120	1.2	22.5	0.001	1.05	0.13	8.6	0.6	0.5	26.5	<0.01	0.07	4.7	0.067
AN-1A-06		22.4	450	2.9	15.2	<0.001	0.23	0.75	3.3	0.5	<0.2	4.2	<0.01	0.01	5.2	0.01
AN-40-16		82.9	830	5.5	27.9	0.001	0.96	<0.05	12.1	0.7	1.1	28.3	0.01	0.09	5.1	0.28
AN-40-21		27.3	700	18.8	20.9	<0.001	0.04	0.22	10.4	0.4	0.3	27.4	<0.01	0.01	1.5	0.153
AN-5A-01		1.6	380	5.4	16.3	0.004	0.85	0.16	1.6	1.1	0.5	6.5	<0.01	0.26	6.5	0.12
AN-68-09		12.8	450	2	2.8	0.003	0.29	0.05	1.2	0.5	<0.2	6.8	<0.01	0.01	2.8	0.008
EAST-001		78.1	70	1	2.9	0.001	0.96	0.72	6.3	0.7	1.5	35.6	<0.01	0.03	0.6	0.005
EAST-002		84.3	250	0.8	4.3	<0.001	0.42	0.39	3.7	0.5	1	28.7	<0.01	0.02	1.4	0.01
GR-01		49.1	1770	2.2	3.1	<0.001	0.06	0.05	7.9	0.6	0.8	28.2	0.01	0.02	6.9	0.363
MAGBR		38.9	660	0.9	37.1	0.009	2.35	0.18	2.7	0.8	0.7	2.6	0.01	0.72	3	0.078
NS-029-70		108.5	2640	1.4	1.5	<0.001	0.04	0.12	3.5	0.7	0.9	152.5	0.05	0.01	1.6	0.647
NS-029-76		6.8	590	38.2	0.4	<0.001	0.01	0.3	3.3	0.2	0.7	3.4	<0.01	0.01	5.6	0.191
NS-029-84		52.7	520	2.4	0.7	<0.001	1.34	0.27	6.5	2.9	0.6	41.8	0.01	0.04	0.2	0.799
OC-003		43.6	1680	4	5.1	0.001	0.01	0.09	6.3	1.1	1.4	35	0.02	<0.01	0.8	1.205
MIN-2		40.6	620	16.8	19	<0.001	0.72	1.05	2.3	7.4	9.4	14.1	0.01	0.03	16.5	0.072
MIN-5		21.2	220	19.4	20.1	<0.001	0.02	65.3	6	1	1.1	38.2	<0.01	0.02	9.6	<0.005
AN-99		2.7	60	0.3	0.1	<0.001	0.01	0.21	0.3	0.4	<0.2	73.5	<0.01	<0.01	<0.2	0.005
NS-023-30																
NS-023-31		3.9	200	1.8	20.8	<0.001	0.01	0.24	2.1	0.2	1.5	23.6	0.01	0.02	4.7	0.1
NS-023-33		9.6	1110	12.5	1.4	0.001	0.12	0.09	2.9	0.3	0.6	36.7	0.01	0.01	1.2	0.343
NS-023-39		13.5	310	12.4	3.5	<0.001	0.26	0.1	6.2	0.6	<0.2	80.2	0.01	0.04	5.5	0.005
NS-023-40		19.8	430	6.8	1.4	<0.001	0.04	0.32	3.7	0.5	5	7.1	0.01	0.02	1.5	0.103
NS-023-41		34.8	290	17.1	2.4	<0.001	0.03	0.1	6.3	0.9	<0.2	16	<0.01	0.02	1.4	<0.005
NS-023-46		69.9	730	23.4	8.2	<0.001	0.34	<0.05	5.1	0.4	0.2	26.1	<0.01	0.03	0.5	0.148

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.01
AN-05-05		0.05	2.1	1	0.43	99	8	47.6	
AN-05-30		0.04	6.63	10	1.98	69.2	14	20.6	
AN-05-32		0.05	2.89	16	0.05	22.6	65	56.1	
AN-05-33		0.06	3.68	20	0.08	32.3	56	64.1	
AN-06-02		0.02	0.45	74	0.34	49.9	173	9.2	
AN-06-04		0.04	0.17	67	0.1	14.7	114	18.2	
AN-06-13		<0.02	1.74	6	0.17	14.25	5	10	
AN-06-35		0.02	<0.05	1700	<0.05	0.21	193	2	
AN-06-56		0.45	1.21	82	0.28	28.3	670	30.2	
AN-07-01		0.02	0.49	221	0.11	24.3	58	14	
AN-07-04		<0.02	0.29	233	0.54	19.4	63	29	
AN-07-10		0.42	3.83	5	2.26	77.3	11	12.3	
AN-08-03		0.13	2.2	48	0.58	26.1	79	8.3	
AN-13-10		0.06	3.97	19	0.06	10.2	10	9.8	
AN-13-15		0.05	1.18	20	0.05	10.3	7	17.2	
AN-14-02		0.26	0.39	141	<0.05	9.26	27	3.9	
AN-14-03		0.06	0.7	102	<0.05	12.45	13	12.4	
AN-1A-06		0.08	1.13	18	<0.05	8.27	3	18.3	
AN-40-16		0.23	1.51	149	0.64	11.65	79	1.4	
AN-40-21		0.11	0.31	145	0.28	12.75	285	6.2	
AN-5A-01		0.08	1.13	9	0.31	10.55	5	48.9	
AN-68-09		0.03	0.43	14	<0.05	4.93	37	6.5	
EAST-001		0.02	0.27	17	1.11	14.05	16	2.3	
EAST-002		0.02	0.35	13	0.73	9.17	21	5.5	
GR-01		<0.02	0.95	96	0.31	14.85	39	7.3	
MAGBR		0.07	0.62	261	<0.05	3.27	3	5.8	
NS-029-70		<0.02	0.37	75	0.37	8.83	129	27.2	
NS-029-76		0.04	0.6	56	1.45	3.19	9	3.1	
NS-029-84		0.02	0.1	214	0.1	13.95	68	32.1	
OC-003		0.02	0.26	264	0.14	23.8	109	43.9	
MIN-2		0.1	2.44	20	0.5	16.35	107	26.5	
MIN-5		0.12	2.27	16	0.92	5.22	43	14.8	
AN-99		<0.02	0.18	6	<0.05	2.38	<2	0.5	
NS-023-30									
NS-023-31		0.09	1.06	11	1.53	7.83	11	21.3	
NS-023-33		<0.02	0.26	37	0.18	8.4	14	3	
NS-023-39		0.03	0.39	7	0.06	26	13	12	
NS-023-40		0.02	0.61	99	3.92	7	8	3.8	
NS-023-41		0.04	0.62	11	<0.05	9.63	22	6.5	
NS-023-46		0.05	0.11	81	0.1	5.11	99	1.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
NS-023-49		0.40	<0.01	0.71	0.4	<0.2	<10	30	0.49	0.03	0.13	0.06	50.6	2.2	5	1.54
NS-024-60		0.14	0.01	0.47	2.2	<0.2	<10	30	0.4	0.02	0.01	<0.01	58	1.2	16	0.73
NS-024-63		0.52	0.01	0.45	5.7	<0.2	<10	110	0.44	0.1	2.01	0.02	38.4	2.8	8	0.5
NS-027-007		0.31	0.09	0.53	0.3	<0.2	<10	40	0.55	0.15	0.05	0.01	14.6	9	16	2.04
NS-027-008		0.42	1	2.48	2.7	<0.2	<10	90	0.63	0.79	0.29	0.08	41.7	179	37	10.5
NS-027-009		0.59	1.1	1.38	0.2	<0.2	<10	60	0.51	2.12	0.26	0.01	69.9	12.1	27	3.55
NS-027-010		0.38	0.52	1.99	2.3	<0.2	<10	60	0.46	0.97	0.34	0.05	41.1	154	42	7.42
NS-027-013		0.50	0.86	3.31	0.7	<0.2	<10	50	0.26	0.2	1.3	0.02	23.7	33.3	476	2.51
NS-027-014		0.25	0.37	1.51	1.3	<0.2	<10	50	0.4	0.56	1.85	0.01	77.7	57.8	29	3.62
NS-027-016		0.41	0.03	1.47	0.1	<0.2	<10	<10	0.13	0.02	1.42	0.04	5.06	17.7	23	0.17
NS-027-018		0.44	0.05	0.96	2.4	<0.2	<10	60	0.19	0.39	0.38	0.05	16.15	16.2	18	1.29
NS-028-95		0.37	3.59	0.53	73	<0.2	<10	20	0.22	7.55	0.13	1.06	27.3	37.1	6	0.13
NS-029-55		Not Recvd														
NS-023-50		0.24	0.17	2.25	1.6	<0.2	<10	170	0.27	0.54	0.1	0.01	2.84	33	36	3.46
NS-024-55		0.26	1.88	0.64	1265	5	<10	50	1.15	3.12	0.03	0.08	54.7	500	4	0.92

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
NS-023-49		6.7	1.97	4.81	0.07	0.24	<0.01	0.012	0.21	21.4	10.7	0.24	143	0.21	0.05	1.11
NS-024-60		2.1	9.19	1.92	0.11	0.37	<0.01	0.013	0.31	28.2	0.6	0.03	104	0.29	0.02	0.44
NS-024-63		572	1.28	1.18	<0.05	0.49	<0.01	0.013	0.17	18.8	6.2	0.2	350	0.41	0.02	0.05
NS-027-007		440	1.53	1.8	<0.05	0.07	0.08	0.007	0.27	6.9	7.8	0.29	330	0.1	0.02	0.1
NS-027-008		>10000	2.5	8.23	0.13	0.43	0.01	0.059	1.67	13.5	50.3	2.57	2520	0.24	0.03	0.23
NS-027-009		5700	3.02	5.39	0.09	0.26	0.02	0.022	0.75	30.9	22.7	0.98	751	0.16	0.04	0.17
NS-027-010		9780	2.28	6.3	0.11	0.31	0.01	0.053	1.25	13.2	39.6	1.99	2040	0.2	0.04	0.17
NS-027-013		3310	4.45	9.17	0.17	0.05	0.03	0.013	0.18	10.1	63.9	4.12	1460	0.16	0.03	0.2
NS-027-014		7610	4.02	4.73	0.09	0.18	<0.01	0.034	0.6	31.3	25.4	1.29	1100	0.2	0.02	0.33
NS-027-016		119	3.16	5.42	0.1	0.08	<0.01	0.029	0.03	1.8	6.9	1.17	396	0.38	0.15	0.21
NS-027-018		102.5	2.05	3.35	0.06	0.09	<0.01	0.013	0.14	7.8	13.8	0.59	227	0.96	0.08	0.59
NS-028-95		1850	1.22	3.17	0.06	0.13	0.1	0.109	0.05	12.7	10.1	0.18	160	2.34	0.05	0.95
NS-029-55																
NS-023-50		15.1	9.53	7.45	0.13	0.17	0.02	0.017	1.3	1.4	36.1	2.28	174	1.71	0.04	0.5
NS-024-55		>10000	7.23	1.38	0.12	0.3	0.01	0.162	0.23	28.1	7.2	0.18	1600	24.3	0.02	0.09

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method Analyte Units LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Tl % 0.005
NS-023-49		3.8	280	3.6	26.6	<0.001	<0.01	0.1	3.6	0.3	1.9	4.3	0.01	<0.01	18.3	0.105
NS-024-60		4.8	120	1.4	14.3	<0.001	<0.01	0.91	2.5	0.2	5.1	1.3	<0.01	0.01	8.3	0.086
NS-024-63		17.8	440	1.4	9.1	<0.001	0.04	0.13	2.7	0.3	<0.2	13.3	<0.01	<0.01	5.3	<0.005
NS-027-007		13.5	90	4.6	18.7	<0.001	<0.01	0.09	1.5	<0.2	0.2	3.8	<0.01	0.43	4.3	0.042
NS-027-008		136	640	85.9	121	<0.001	0.22	0.85	10.5	0.5	1	13.7	<0.01	1.52	10.2	0.27
NS-027-009		23	440	5.7	47.9	<0.001	0.2	0.07	3	0.5	0.9	14.7	<0.01	2.31	12.1	0.163
NS-027-010		108	650	30.5	88.9	<0.001	0.19	0.81	10.2	0.5	0.8	15.3	<0.01	1.26	7.4	0.247
NS-027-013		183.5	1380	19.3	12.1	<0.001	0.04	0.23	4.4	0.6	0.4	68.2	<0.01	7.46	1.3	0.353
NS-027-014		74.1	620	3.3	36.1	<0.001	0.13	0.25	3	0.4	0.8	19.9	0.01	0.28	11.1	0.194
NS-027-016		19.9	1080	0.7	1.3	0.001	0.11	<0.05	12.2	0.6	0.4	7.4	<0.01	0.02	0.3	0.174
NS-027-018		23.9	130	4.8	8.9	<0.001	0.24	0.27	3.2	0.3	0.2	15.4	0.01	0.42	3.6	0.126
NS-028-95		3	70	2070	2	<0.001	0.21	0.42	1.5	0.6	0.4	6.3	<0.01	0.39	4.7	0.065
NS-029-55																
NS-023-50		19.9	850	32.4	70.4	0.003	0.93	0.18	5.1	1.3	7.7	4.8	<0.01	0.14	10.8	0.118
NS-024-55		356	630	15.7	11.1	0.001	0.1	1.97	6.4	2	0.2	1.6	<0.01	0.54	5.8	<0.005

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.05	1	0.05	0.05	2	0.5	0.01
NS-023-49		0.13	3.24	16	0.27	17.25	15	6.9	
NS-024-60		0.05	1.7	66	2.16	5.69	<2	16.2	
NS-024-63		0.03	1	5	<0.05	9.41	4	20	
NS-027-007		0.14	0.6	11	0.09	4.74	16	2.8	
NS-027-008		0.84	6.96	109	0.45	9.96	189	17.1	1.22
NS-027-009		0.37	1.38	35	0.13	13.25	60	8.9	
NS-027-010		0.66	2.61	105	0.64	8.69	156	12.8	
NS-027-013		0.1	0.2	106	0.4	4.09	80	1.1	
NS-027-014		0.25	0.37	79	0.41	8.85	74	6.7	
NS-027-016		0.04	<0.05	116	<0.05	15.2	39	1.4	
NS-027-018		0.27	0.83	33	0.11	6.36	25	1.7	
NS-028-95		0.08	0.28	2	0.21	8.96	487	1.9	
NS-029-55									
NS-023-50		0.63	1.23	75	29	2.1	18	6.1	
NS-024-55		0.11	1.44	6	0.29	24.9	12	11.6	1.77

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 1-OCT-2008
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08126790

Method	CERTIFICATE COMMENTS
ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
This copy reported on 21-NOV-2008
Account: MIATEX

CERTIFICATE TM08161143

Project: IOGG-NS

P.O. No.:

This report is for 24 Rock samples submitted to our lab in Timmins, ON, Canada on 10-NOV-2008.

The following have access to data associated with this certificate:

GREGG MORRIS	JOHN O SULLIVAN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
ME-MS41	51 anal. aqua regia ICPMS	

To: **MINOTAUR ATLANTIC EXPLORATION LTD.**
ATTN: GREGG MORRIS
12 CHARLOIS CT
HALIFAX NS B2W 2R4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
Account: MIATEX

Project: IOGG-NS

CERTIFICATE OF ANALYSIS TM08161143

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
AN-035-02		0.42	<0.01	0.24	0.4	<0.2	<10	20	0.19	0.01	0.17	0.01	14.5	0.6	8	<0.05
AN-06-28		0.43	0.08	5.74	5.7	<0.2	<10	50	0.67	0.28	0.8	0.02	45.8	44.7	133	8.09
AN-19-04		0.68	0.1	2.83	4.9	<0.2	<10	30	0.21	0.49	3.83	0.1	5.82	23.8	9	0.89
AN-23-14		0.85	0.03	2.37	0.7	<0.2	<10	50	0.64	0.03	0.35	0.01	56.3	49.5	11	4.82
AN-23-15		0.80	0.02	0.9	1	<0.2	<10	20	0.16	0.03	1.42	0.03	9.11	25.1	31	0.45
AN-23-20		0.77	0.16	1.57	10	<0.2	<10	30	0.47	0.43	0.12	<0.01	7.89	860	21	3.02
AN-23-21		0.77	0.02	3.73	1.9	<0.2	<10	170	0.71	0.06	0.48	0.02	2.31	140	100	6.76
AN-23-28		0.91	0.01	0.16	3.2	<0.2	<10	10	0.07	0.04	2.97	0.02	8.7	116.5	18	0.07
AN-24-003		1.06	0.01	0.25	17.3	<0.2	<10	10	0.19	0.19	5.62	0.07	11.95	19.7	4	0.33
AN-27-17		0.96	0.01	0.29	1.3	<0.2	<10	30	0.33	0.01	0.1	0.01	19	6.9	3	0.69
AN-27-22		0.82	0.04	0.78	3.1	<0.2	<10	50	0.17	0.08	0.31	0.1	22	5.4	18	0.69
AN-27-33		0.79	0.02	1.08	0.8	<0.2	<10	10	0.26	0.02	0.69	0.03	7.02	26.3	17	0.34
AN-27-72		0.93	0.21	0.18	0.8	<0.2	<10	10	0.22	0.5	0.07	0.16	47.3	1.1	12	0.09
AN-27-83		0.70	0.12	1.01	45.2	<0.2	<10	40	0.67	0.96	0.15	0.04	30.5	40.9	29	1.89
AN-27-84		0.67	0.03	0.94	3.5	<0.2	<10	30	0.16	0.97	0.05	0.02	19.2	13	19	1.84
AN-27-85		0.84	0.14	0.51	5.5	<0.2	<10	20	0.45	0.27	0.05	0.03	34.5	22.2	11	0.68
AN-27-86		0.92	0.2	1.62	4.3	<0.2	<10	60	0.63	0.49	0.25	0.01	54.4	259	14	5.11
AN-27-101		0.91	0.05	2.4	3.2	<0.2	<10	90	0.6	0.31	0.31	0.04	35.6	13.7	60	7.25
AN-27-106		0.81	0.06	2.71	25.7	<0.2	<10	40	0.2	0.18	1.45	0.05	26.9	24.1	68	1.77
AN-27-110		0.82	0.21	0.68	5.9	<0.2	<10	20	0.1	0.14	0.3	0.68	22.2	13	15	0.21
AN-29-11		0.60	0.08	0.56	2.7	<0.2	<10	20	0.19	0.73	0.32	0.01	5.45	18.8	13	0.17
AN-54-05		0.89	0.23	1.67	5.3	<0.2	<10	50	0.15	0.39	0.34	0.77	15.8	30.3	19	1.4
AN-54-12		0.45	12.4	1.61	5.1	<0.2	<10	10	0.3	0.98	2.52	4.23	26.8	15.5	8	<0.05
MIN-3		0.03	3.44	2.3	7.6	<0.2	<10	50	0.53	9.73	0.43	0.23	63.5	22.2	33	1.07

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
Account: MIATEX

Project: IOGG-NS

CERTIFICATE OF ANALYSIS TM08161143

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
AN-035-02		11.7	0.8	0.66	<0.05	0.57	<0.01	<0.005	0.01	7.3	0.2	0.02	194	0.21	0.15	0.13
AN-06-28		309	10.05	21.1	0.37	0.14	0.01	0.056	0.83	23.6	78.5	3.42	704	1.32	0.03	0.3
AN-19-04		19	6.07	11.55	0.08	0.13	0.01	0.047	0.1	3.2	35.6	1.94	1540	0.3	0.06	0.07
AN-23-14		6.8	10.75	13.85	0.23	0.06	0.01	0.013	1.7	27.7	33.6	1.71	130	4.89	0.13	0.22
AN-23-15		50.9	7.48	6.46	0.21	0.22	<0.01	0.033	0.17	3.1	6.1	0.57	287	0.28	0.12	0.59
AN-23-20		3	30.4	21.9	0.84	0.58	0.01	0.008	1.48	3.5	24.9	1.37	56	24.9	0.03	0.77
AN-23-21		2.3	10.5	23.3	0.26	0.08	<0.01	0.015	2.28	1.4	35.5	2.75	221	0.75	0.28	0.23
AN-23-28		2.5	3.41	1.02	0.05	0.02	<0.01	0.005	0.05	6.7	3.2	0.29	357	0.93	0.03	0.22
AN-24-003		4.5	4.69	0.51	0.05	0.3	0.01	0.032	0.05	5.2	5.8	3.03	1295	0.44	0.03	0.06
AN-27-17		1.6	3.96	0.83	<0.05	0.28	<0.01	0.032	0.08	8.8	2.6	0.42	966	0.21	0.02	<0.05
AN-27-22		13.8	1.02	3.2	<0.05	0.14	<0.01	<0.005	0.17	11.3	13.7	0.68	138	0.23	0.02	1.09
AN-27-33		41	6.68	8.85	0.17	0.11	<0.01	0.023	0.06	2.8	10.3	0.79	342	0.21	0.04	0.41
AN-27-72		22.9	1.12	2.58	0.07	0.81	<0.01	0.05	0.11	21.7	0.8	0.03	43	3.35	0.05	12.45
AN-27-83		84.5	3.47	3.34	<0.05	0.58	<0.01	0.024	0.24	14.2	11.1	0.32	102	0.48	0.04	0.21
AN-27-84		100.5	2.31	4.17	0.05	0.06	<0.01	0.01	0.2	5.4	27.9	0.58	265	5.12	0.03	0.18
AN-27-85		2780	1.62	1.26	<0.05	0.41	<0.01	0.036	0.22	16.9	6.1	0.08	384	0.43	0.06	<0.05
AN-27-86		3470	2.95	6.4	0.08	0.49	0.01	0.045	0.77	12.9	33.5	1.58	1195	0.15	0.02	0.35
AN-27-101		55.4	4.02	9.52	0.13	0.3	0.02	0.033	1.08	16.3	45.8	0.8	397	0.86	0.03	0.47
AN-27-106		64.9	5.4	10.8	0.21	0.25	0.01	0.027	0.18	12.5	18.4	1.74	430	2.23	0.14	0.81
AN-27-110		274	1.68	3.33	0.1	0.11	0.01	0.012	0.05	11.5	10.1	0.6	226	0.61	0.01	0.85
AN-29-11		19.9	18.35	2.5	0.28	0.18	0.01	0.063	0.01	3.5	1.6	0.22	91	0.62	0.09	1
AN-54-05		169	7.09	6.75	0.15	0.09	0.02	0.037	0.51	6.8	19.9	1.13	608	0.59	0.06	0.26
AN-54-12		9730	2.25	5.75	0.31	0.24	0.23	0.196	0.02	16.7	2.2	0.21	518	0.65	<0.01	0.61
MIN-3		>10000	4.88	6.43	0.12	0.68	0.02	1.225	0.35	32.4	17.5	1.21	598	0.67	0.01	0.42

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
Account: MIATEX

Project: IOGG-NS

CERTIFICATE OF ANALYSIS TM08161143

Sample Description	Method Analyte Units LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
AN-035-02		2.8	640	0.6	0.4	<0.001	<0.01	0.08	1.9	<0.2	<0.2	6.1	<0.01	<0.01	12	<0.005
AN-06-28		99.4	2060	1.8	69.6	0.001	0.3	0.17	18.6	0.5	3.2	22.7	0.01	0.02	3.2	0.387
AN-19-04		10.3	590	115.5	6.2	<0.001	0.94	0.11	19.8	0.4	0.3	38.7	<0.01	0.13	1.3	0.062
AN-23-14		35.6	1240	3	92.3	<0.001	0.24	0.06	14.2	0.3	2.3	11.5	<0.01	0.03	7.8	0.241
AN-23-15		18.1	970	4.7	7.5	<0.001	<0.01	0.29	11.2	0.4	0.6	16.9	0.01	0.01	0.3	0.581
AN-23-20		58.4	450	2.6	75.4	0.022	3.7	0.11	10.7	1.2	1.5	3	0.01	1.12	1.9	0.177
AN-23-21		50.7	980	1.4	115	0.001	0.48	0.11	20.9	0.3	2.2	39.7	<0.01	0.05	4.1	0.397
AN-23-28		9.6	500	1.4	1.6	0.001	0.6	0.06	2.8	0.3	0.4	16.6	<0.01	0.03	1.7	0.038
AN-24-003		52.3	320	9.7	2.7	<0.001	0.71	0.16	9	0.3	<0.2	39.4	<0.01	0.01	1.6	<0.005
AN-27-17		18.9	300	1.5	4.2	<0.001	<0.01	0.07	2.4	<0.2	<0.2	2.1	<0.01	<0.01	3	<0.005
AN-27-22		11.2	530	37.7	10.8	<0.001	0.08	0.11	1	0.2	0.2	6.4	<0.01	0.02	11.3	0.154
AN-27-33		13.6	1510	3.2	2.5	<0.001	0.01	0.09	4.6	0.3	0.3	9.6	<0.01	0.01	0.4	0.232
AN-27-72		1	30	296	5	<0.001	0.4	0.09	0.9	0.8	4.7	2.4	0.02	0.02	19.6	0.043
AN-27-83		26.1	450	57.7	14.5	<0.001	0.54	2.19	1.8	0.5	0.4	5.5	<0.01	0.03	7.2	0.029
AN-27-84		18.5	170	9.4	13.4	0.001	0.54	0.13	4.7	0.7	0.3	4.5	<0.01	0.2	3.4	0.049
AN-27-85		20.7	360	13.3	9.3	<0.001	<0.01	0.27	1.8	0.3	<0.2	1.9	<0.01	0.01	5	<0.005
AN-27-86		211	530	7.8	46	<0.001	<0.01	0.36	5.4	0.3	1.1	14.9	<0.01	1.7	11.1	0.167
AN-27-101		24.3	990	5.7	89	<0.001	0.29	0.14	9.1	0.8	1.6	10.4	0.01	0.03	13.5	0.219
AN-27-106		45.7	2650	3.2	8.8	0.001	0.51	0.34	6.1	0.9	0.7	49.4	0.01	0.06	1.6	0.498
AN-27-110		13	320	2.3	2.4	<0.001	0.38	0.25	0.7	0.7	0.6	11.4	0.01	0.03	4.6	0.095
AN-29-11		6.9	760	32.5	0.5	<0.001	0.24	0.51	3.7	0.2	0.9	7.7	0.01	0.01	0.5	0.417
AN-54-05		16.3	810	86.1	27.4	0.003	6.22	0.14	9.1	4.7	0.4	7.2	<0.01	1.03	0.9	0.289
AN-54-12		1.9	1110	7220	0.4	<0.001	0.54	0.83	4.5	5.4	4.6	256	0.01	0.49	0.4	0.3
MIN-3		39.1	650	33.7	21.5	0.001	1.53	1.23	2.5	13.7	16.9	14.6	0.01	0.03	17	0.076

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
Account: MIATEX

Project: IOGG-NS

CERTIFICATE OF ANALYSIS TM08161143

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.01
AN-035-02		<0.02	0.94	2	<0.05	6.21	<2	18.5	
AN-06-28		0.31	0.69	250	0.41	25.8	43	3.8	
AN-19-04		0.04	0.34	202	0.12	8.12	99	3.2	
AN-23-14		0.29	1.02	144	<0.05	5.71	15	1.5	
AN-23-15		0.03	0.07	224	0.09	19.65	19	3.2	
AN-23-20		0.23	0.75	195	<0.05	4.21	12	19.9	
AN-23-21		0.39	0.48	159	<0.05	3.08	24	2.1	
AN-23-28		<0.02	0.16	27	0.29	15.25	2	0.6	
AN-24-003		<0.02	0.42	2	<0.05	17.05	28	11.1	
AN-27-17		<0.02	0.71	4	<0.05	2.61	8	10.3	
AN-27-22		0.11	0.98	12	0.16	5.14	75	5	
AN-27-33		<0.02	0.07	195	0.07	10.65	52	1.6	
AN-27-72		0.03	3.61	8	0.39	25.2	8	15.7	
AN-27-83		0.08	1.29	18	<0.05	5.42	24	21.5	
AN-27-84		0.19	0.18	18	0.11	3.61	15	2.2	
AN-27-85		0.04	0.71	4	<0.05	6.22	3	13.2	
AN-27-86		0.35	1.18	66	0.43	9.6	100	19.3	
AN-27-101		0.81	1.72	81	0.43	19.85	48	11.4	
AN-27-106		0.97	0.34	100	0.28	10.25	54	6.7	
AN-27-110		4.64	0.59	6	0.18	6.1	282	3.7	
AN-29-11		0.04	0.3	164	0.93	4.04	12	4.2	
AN-54-05		0.22	0.18	139	0.16	11.8	185	2.2	
AN-54-12		<0.02	0.2	44	0.25	12.85	2060	5.2	
MIN-3		0.12	2.56	21	0.5	16.2	155	27.5	1.15

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 20-NOV-2008
Account: MIATEX

Project: IOGG-NS

CERTIFICATE OF ANALYSIS TM08161143

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE TM09000260

Project:

P.O. No.:

This report is for 22 Drill Core samples submitted to our lab in Timmins, ON, Canada on 2-JAN-2009.

The following have access to data associated with this certificate:

GREGG MORRIS	JOHN O SULLIVAN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS

To: MINOTAUR ATLANTIC EXPLORATION LTD.
ATTN: JOHN O SULLIVAN
12 CHARLOIS CT
HALIFAX NS B2W 2R4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09000260

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
E059069		3.88	0.02	0.14	2.1	<0.2	<10	10	6.15	0.07	0.17	0.01	67.3	1.9	7	0.06
E059070		3.80	0.01	0.12	1.3	<0.2	<10	10	6.41	0.08	0.09	0.02	63	0.9	7	0.09
E059071		4.63	0.01	0.13	1.4	<0.2	<10	10	6.75	0.09	0.08	0.03	64.3	0.4	9	0.1
E059072		3.55	0.03	0.14	1.7	<0.2	<10	10	6.55	0.08	0.12	0.01	66.8	0.6	11	0.09
E059073		2.63	0.02	0.16	1.5	<0.2	<10	10	6.07	0.1	0.42	<0.01	85.1	0.6	6	0.05
E059074		2.76	0.03	4.89	1.7	<0.2	<10	50	1.34	0.06	2.45	0.03	26.5	30.3	127	6.73
E059075		3.19	0.04	0.19	1.6	<0.2	<10	10	6.54	0.11	0.76	<0.01	63.7	1.8	8	0.1
E059076		3.84	0.07	0.14	1.4	<0.2	<10	10	6.46	0.13	0.12	<0.01	65.7	0.8	8	<0.05
E059077		4.39	0.06	0.2	1.2	<0.2	<10	10	6.54	0.19	0.4	0.03	70	2.5	12	0.12
E059078		3.58	0.04	3.44	1.2	<0.2	<10	40	0.87	0.07	1.53	0.01	39.1	16.2	81	3.85
E059079		4.62	0.03	2.2	2.3	<0.2	<10	70	0.65	0.1	0.88	0.01	25.1	11.8	21	1.34
E059080		2.85	0.03	3.77	1.7	<0.2	<10	60	1.19	0.15	2.04	0.01	24.5	22.5	79	13.8
E059081		2.87	0.06	0.27	2.4	<0.2	<10	10	3.57	0.25	0.76	0.01	64.1	2.9	6	0.19
E059082		2.31	0.07	0.62	3.2	<0.2	<10	20	4.71	0.17	0.23	0.06	68.4	5.2	27	1.93
E059083		1.89	0.08	2.51	6.5	<0.2	<10	80	0.92	2.44	0.69	0.01	70	15.9	34	4.46
E059084		3.36	0.05	1.77	29.4	<0.2	<10	100	0.82	1.95	0.48	0.26	73.7	29.7	9	3.34
E059085		4.60	0.01	3.43	5.6	<0.2	<10	50	0.37	0.04	1.29	<0.01	21.2	26.1	69	1.08
E059086		0.59	<0.01	0.03	4	<0.2	<10	10	<0.05	0.01	>25.0	0.01	1.2	0.8	1	<0.05
E059087		5.42	0.02	3.37	2.2	<0.2	<10	50	0.42	0.08	2.72	0.01	16.6	26.9	85	3.2
E059088		3.28	0.03	0.28	0.9	<0.2	<10	10	6.35	0.24	0.74	0.02	49.9	6	15	0.74
E059089		3.72	0.01	0.13	0.5	<0.2	<10	10	5.79	0.08	0.26	0.01	69	0.9	8	0.05
E059090		3.49	0.04	0.14	0.9	<0.2	<10	10	2.81	0.25	0.34	0.12	95.1	1.9	6	0.05

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09000260

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059069		9.2	1.52	1.43	0.13	5.44	0.01	0.044	0.08	28.2	0.5	0.01	90	0.24	0.07	15.7
E059070		2.6	1.26	1.41	0.12	4.85	0.01	0.06	0.08	25.6	0.4	0.01	81	0.23	0.06	15.95
E059071		2.9	1.27	1.36	0.13	4.96	0.01	0.058	0.08	26.7	0.3	0.01	69	0.26	0.06	15.85
E059072		3.1	1.25	1.41	0.13	5.35	0.01	0.046	0.08	27.1	0.5	0.01	79	0.32	0.07	16.05
E059073		1.8	1.33	1.74	0.15	5.51	0.01	0.036	0.07	36.5	1.5	0.03	88	0.27	0.06	16.65
E059074		3.6	8.04	17.35	0.35	0.79	0.01	0.08	0.82	12	63.6	4.45	886	0.58	0.05	0.67
E059075		4	1.66	1.86	0.14	5.17	0.01	0.058	0.07	26.7	1.6	0.07	110	0.21	0.06	13.7
E059076		3.1	1.57	1.46	0.14	5.33	<0.01	0.055	0.08	27.5	0.4	0.01	79	0.29	0.07	15.6
E059077		2.9	1.47	1.82	0.14	5.14	<0.01	0.046	0.08	29.2	1.5	0.05	124	0.52	0.07	15
E059078		15.3	6.45	13.2	0.31	0.6	0.01	0.085	0.51	17.8	45.2	2.58	872	0.44	0.07	0.49
E059079		15	4.3	8.22	0.14	0.36	0.01	0.04	0.32	11.9	24.8	1.21	443	0.35	0.07	0.48
E059080		6.2	5.92	12.8	0.22	0.43	<0.01	0.049	1.54	11.4	46.5	2.8	536	1.56	0.04	0.34
E059081		10.4	1.22	2.41	0.14	2.85	0.01	0.033	0.07	27.3	3.1	0.11	145	0.76	0.07	12.7
E059082		17.4	1.84	4.16	0.14	4.52	0.01	0.049	0.28	29	8.5	0.31	171	0.38	0.08	7.39
E059083		3.3	4.68	10.4	0.19	0.7	0.01	0.049	0.86	34.1	35.1	1.46	456	1.74	0.05	0.9
E059084		172.5	3.12	7.35	0.15	0.79	0.01	0.056	0.81	34.6	25.4	0.79	258	0.92	0.04	1.3
E059085		54.6	4.85	8.71	0.21	0.63	<0.01	0.021	0.17	10	41.6	2.85	725	0.8	0.07	0.28
E059086		1.1	0.1	0.11	<0.05	<0.02	<0.01	<0.005	<0.01	1.4	0.4	0.4	108	<0.05	0.02	0.16
E059087		85.6	4.98	9.98	0.28	0.51	<0.01	0.03	0.41	7.3	38.7	2.84	760	0.43	0.07	0.25
E059088		10	1.49	1.8	0.11	6.01	<0.01	0.05	0.1	21.2	5	0.15	153	0.25	0.06	9.15
E059089		8.1	1.21	1.5	0.11	5.72	<0.01	0.05	0.07	28.9	0.6	0.02	75	0.21	0.07	14.7
E059090		4.7	1.46	1.92	0.13	3.09	<0.01	0.073	0.06	40.9	1	0.02	81	0.16	0.06	11.65

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09000260

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059069		1	10	2.3	4	0.001	0.01	0.16	0.5	1.7	3.3	2.5	0.04	0.01	21.4	0.027
E059070		0.6	10	3.2	4.7	0.001	<0.01	0.11	0.4	1.7	4.4	2.3	0.03	0.01	20.4	0.027
E059071		0.6	<10	3.3	5	0.001	<0.01	0.12	0.4	1.8	4.8	2.2	0.04	0.02	20.4	0.028
E059072		0.8	<10	2.9	4.8	0.001	<0.01	0.13	0.4	1.8	4.6	2.1	0.03	0.01	20.3	0.028
E059073		0.8	10	3.1	3.2	0.001	<0.01	0.14	0.4	2	3.9	2.5	0.04	0.01	20	0.03
E059074		84.3	1480	7.9	99.5	0.001	0.03	0.24	17.4	0.9	2.6	21.5	0.02	0.02	2.1	0.548
E059075		1.9	20	4.3	3.6	0.001	0.05	0.18	0.7	1.8	5	3.4	0.03	0.02	19.8	0.041
E059076		1	<10	25	3.4	0.001	<0.01	0.18	0.4	1.7	5.1	2.5	0.04	0.01	20.6	0.03
E059077		1.5	20	20.2	5	0.001	0.1	0.15	0.9	1.8	3.5	3.2	0.04	0.04	21.1	0.044
E059078		42.8	850	1.9	55.9	0.001	0.03	0.22	15.3	0.8	2.9	25	0.01	0.03	2.5	0.373
E059079		14.5	870	4.4	27.6	0.001	0.08	0.31	8.8	0.6	0.9	41.4	0.01	0.02	2.5	0.344
E059080		53	1120	6	233	0.002	0.08	0.27	12.3	0.8	2.6	23.5	0.01	0.03	2.3	0.516
E059081		1.9	20	15.7	4.9	0.001	0.54	0.16	0.6	2	3.8	4.6	0.04	0.05	21.5	0.03
E059082		5.2	60	8.8	33.3	0.001	0.24	0.27	2.1	1.9	5.6	4.4	0.04	0.03	22.1	0.077
E059083		23.1	480	11.7	77.5	0.001	0.7	0.24	8.9	1	4.9	16.3	0.02	0.08	9.3	0.366
E059084		12.8	680	4.9	57	0.001	0.75	0.27	7.4	0.9	2.9	10	0.02	0.09	10.2	0.302
E059085		38.3	970	1.2	14.9	0.001	<0.01	0.23	6.9	0.5	0.5	43.9	0.01	0.01	1.9	0.336
E059086		0.5	70	0.3	0.2	<0.001	<0.01	<0.05	0.3	0.3	<0.2	82.3	<0.01	0.01	<0.2	<0.005
E059087		42.1	890	6.6	38.7	<0.001	0.02	0.32	8.2	0.4	1.1	67.7	0.01	0.01	1.1	0.372
E059088		3.5	40	5.6	8.4	0.001	0.02	0.12	1	1.4	4.4	6.2	0.03	0.02	19.8	0.052
E059089		0.7	10	3.8	3.6	0.001	<0.01	0.1	0.4	1.4	5.3	2.7	0.03	0.01	22.4	0.029
E059090		1	10	2.3	2.9	0.001	0.01	0.13	0.6	1.3	3.3	3.4	0.03	0.01	20	0.024

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09000260

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
E059069		0.02	5.9	2	0.89	72.1	<2	118
E059070		0.03	5.51	1	0.87	76	<2	112.5
E059071		0.02	5.72	2	0.89	79.4	<2	114.5
E059072		0.03	5.59	2	0.72	78	<2	120
E059073		0.02	5.55	2	0.48	85.4	<2	128.5
E059074		0.53	0.95	144	0.74	24.6	36	23.1
E059075		0.02	5.39	5	0.72	78.7	<2	112.5
E059076		0.02	5.25	3	0.59	78.1	<2	120
E059077		0.03	5.76	6	0.72	77.8	<2	126
E059078		0.3	0.64	115	0.83	22.9	29	15.9
E059079		0.15	0.38	70	0.53	13.25	15	8.6
E059080		1.68	0.37	108	0.58	15.45	16	11.5
E059081		0.04	4.52	6	0.46	70	<2	59.7
E059082		0.24	5.5	15	0.69	74.1	4	106
E059083		0.47	1.12	48	0.51	26.1	21	20.8
E059084		0.35	1.17	24	0.62	23.2	25	24.9
E059085		0.09	0.38	110	0.26	10.75	31	20.9
E059086		<0.02	0.1	<1	<0.05	2.35	<2	<0.5
E059087		0.2	0.22	116	0.71	9.49	32	13.3
E059088		0.05	5.81	11	0.88	74.7	<2	138.5
E059089		0.02	5.37	3	0.61	79.5	<2	125.5
E059090		0.02	4.35	5	0.44	74.7	5	68.1

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09000260

Method	CERTIFICATE COMMENTS
ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

CERTIFICATE TM08181876

Project: IOCG-NS

P.O. No.:

This report is for 68 Drill Core samples submitted to our lab in Timmins, ON, Canada on 30-DEC-2008.

The following have access to data associated with this certificate:

GREGG MORRIS	JOHN O SULLIVAN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
ME-MS41	51 anal. aqua regia ICPMS	

To: **MINOTAUR ATLANTIC EXPLORATION LTD.**
ATTN: JOHN O SULLIVAN
12 CHARLOIS CT
HALIFAX NS B2W 2R4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
E059001		1.95	0.07	0.77	0.8	<0.2	<10	30	0.27	0.17	0.33	0.02	49.7	2.3	4	0.42
E059002		2.24	0.25	1.24	2.1	<0.2	<10	40	0.31	0.59	0.42	0.01	44.4	7.2	3	0.58
E059003		2.89	0.11	1.4	1.2	<0.2	<10	40	0.33	0.23	0.42	0.01	49.1	4.8	3	0.69
E059004		1.29	0.1	2.26	1.7	<0.2	<10	50	0.43	1.19	0.9	0.03	23.5	15.9	44	3.87
E059005		2.42	0.17	1.59	1.7	<0.2	<10	30	0.37	0.34	1.05	0.05	21.2	17.8	27	3.88
E059006		2.77	0.09	2.09	2.1	<0.2	<10	40	0.38	0.09	1.54	0.03	14.6	20.9	118	5.9
E059007		1.92	0.04	2.97	2	<0.2	<10	30	0.49	0.13	1.07	0.02	18	28.5	47	4.67
E059008		2.21	0.06	3.49	1.6	<0.2	<10	20	0.49	0.12	1	0.02	20.9	29.3	57	4.91
E059009		2.76	0.08	2.39	2.9	<0.2	<10	20	0.47	0.15	1.04	0.01	16.15	35.4	49	4.19
E059010		2.02	0.02	2.73	1.9	<0.2	<10	10	0.45	0.03	1.34	0.01	15.65	24.7	47	2.79
E059011		2.53	0.05	2.28	2.5	<0.2	<10	10	0.31	0.08	1.67	0.02	13.25	29.3	43	2.3
E059012		2.27	0.02	1.42	2.5	<0.2	<10	<10	0.24	0.04	2.96	0.03	13.95	19.4	37	0.86
E059013		2.21	0.02	2.89	2.1	<0.2	<10	10	0.34	0.03	1.16	0.01	12.6	34.6	54	2.11
E059014		2.10	0.05	2.7	1.7	<0.2	<10	10	0.3	0.09	1.11	0.01	10.95	30.3	48	1.8
E059015		2.30	0.01	2.88	1.7	<0.2	<10	50	0.44	0.03	1.05	0.01	18.85	21.5	42	1.61
E059016		2.41	0.02	3.04	1.7	<0.2	<10	50	0.53	0.02	0.91	0.01	16.45	32.5	48	1.37
E059017		2.22	0.1	2.41	1.7	<0.2	<10	110	0.53	0.07	0.91	0.01	24.2	26.2	25	1.56
E059018		1.98	0.1	2.93	1.9	<0.2	<10	<10	0.43	0.04	1	0.01	21.5	28.8	18	0.62
E059019		2.25	0.16	2.68	1.8	<0.2	<10	<10	0.35	0.22	1.07	0.01	19.4	24.3	18	0.47
E059020		2.28	0.06	3.1	1.4	<0.2	<10	<10	0.48	0.05	0.95	<0.01	24.6	24.3	18	0.41
E059021		2.29	0.03	2.37	1.8	<0.2	<10	10	0.42	0.06	1.14	0.02	24.9	24.6	18	0.26
E059022		2.06	0.05	3.36	1.5	<0.2	<10	<10	0.47	0.05	0.94	0.01	23.4	31.2	17	0.27
E059023		2.49	0.05	2.38	1	<0.2	<10	90	0.39	0.05	0.71	0.01	29	19.7	12	0.46
E059024		1.98	0.03	2	1.2	<0.2	<10	80	0.31	0.06	0.52	0.02	23.3	19.7	17	1.03
E059025		2.23	0.02	1.61	0.7	<0.2	<10	70	0.31	0.08	0.41	0.01	18	23	22	0.82
E059026		2.32	0.01	1.88	0.6	<0.2	<10	50	0.31	0.07	0.36	0.01	23.3	21.2	21	0.53
E059027		2.04	0.01	2.6	1	<0.2	<10	40	0.37	0.08	0.56	0.01	16.5	34.5	31	0.61
E059028		2.11	0.01	1.22	0.9	<0.2	<10	40	0.3	0.05	0.26	<0.01	19.85	27	22	0.45
E059029		2.51	0.04	2.08	1	<0.2	<10	30	0.27	0.09	0.34	0.02	33.4	17	5	0.41
E059030		2.02	0.04	2.92	1.1	<0.2	<10	10	0.36	0.15	0.55	0.01	12.65	33.7	29	0.33
E059031		2.15	0.02	3.27	1.4	<0.2	<10	20	0.39	0.03	0.53	0.01	12.15	27.6	31	0.41
E059032		1.95	0.05	2.69	0.6	<0.2	<10	40	0.24	0.16	0.38	0.01	11.45	25.5	26	0.55
E059033		2.23	0.02	3.16	1	<0.2	<10	10	0.37	0.02	1.16	0.02	9.32	31.3	45	0.49
E059034		2.37	0.08	2.83	0.9	<0.2	<10	<10	0.34	0.61	1.08	0.01	8.24	27.1	34	0.54
E059035		2.26	0.03	3.01	0.9	<0.2	<10	10	0.29	0.04	0.57	0.01	14.15	29.5	30	0.65
E059036		1.91	0.07	3.21	0.8	<0.2	<10	10	0.35	0.08	0.94	0.01	14.7	30.3	45	1.01
E059037		2.10	0.03	1.71	0.8	<0.2	<10	60	0.41	0.08	0.51	0.01	29.9	12.6	11	1.67
E059038		2.41	0.02	3.34	2	<0.2	<10	60	0.49	0.1	1.16	0.02	21.2	38.2	54	10.15
E059039		1.90	0.02	2.16	1.2	<0.2	<10	20	0.37	0.03	1	0.01	18.7	21.7	20	3.09
E059040		2.28	0.03	3.35	2	<0.2	<10	40	0.63	0.13	1.4	0.02	15.65	34.4	57	5.97

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059001		3.6	1.15	3.28	0.07	0.63	0.01	0.024	0.14	23.8	6.2	0.45	195	0.13	0.05	0.91
E059002		3.9	2.12	4.82	0.08	0.6	<0.01	0.032	0.21	21.5	15.1	0.76	267	3.09	0.05	0.72
E059003		4.3	2.72	5.71	0.1	0.62	0.01	0.025	0.18	23.4	17.3	0.92	287	0.63	0.05	0.51
E059004		14.7	4.5	8.98	0.24	0.44	0.01	0.054	0.36	11.6	26.5	1.75	635	0.22	0.09	0.31
E059005		65.2	3.27	6.61	0.25	0.41	0.01	0.03	0.3	9.9	17.9	1.24	595	0.17	0.09	0.4
E059006		56.4	3.38	7.18	0.24	0.4	0.01	0.04	0.55	6.5	23.2	1.92	780	0.08	0.08	0.19
E059007		9.9	6.01	11.4	0.26	0.45	0.01	0.034	0.44	8.2	28.6	2.91	777	0.19	0.06	0.24
E059008		3.6	8.09	14.5	0.3	0.6	0.01	0.027	0.57	9.4	39.9	3.54	819	0.22	0.08	0.25
E059009		17.1	8.27	10.05	0.32	0.53	<0.01	0.036	0.39	7.6	26.4	2.23	603	0.17	0.1	0.26
E059010		3.8	7.79	11.4	0.35	0.44	0.01	0.036	0.22	7.3	31.6	2.51	744	0.11	0.08	0.22
E059011		11.5	5.62	9.38	0.32	0.45	0.01	0.019	0.14	5.8	18.1	2.46	917	0.14	0.07	0.21
E059012		3.7	5.19	6.41	0.37	0.57	<0.01	0.026	0.05	6.4	9.9	1.17	758	0.17	0.1	0.32
E059013		9.3	6.5	11.5	0.27	0.43	<0.01	0.019	0.11	5.7	23.9	3.31	1055	0.16	0.08	0.2
E059014		14.4	5.98	10.45	0.27	0.47	<0.01	0.023	0.09	4.9	22.5	2.93	888	0.18	0.09	0.22
E059015		6	5.92	10.85	0.19	0.51	<0.01	0.032	0.14	7.4	24.6	2.78	815	0.17	0.08	0.21
E059016		18.3	6.37	11.4	0.2	0.54	<0.01	0.03	0.12	6.6	26.8	3.03	839	0.15	0.07	0.23
E059017		18.7	5.44	9.03	0.16	0.44	0.01	0.029	0.19	9.6	22.6	2.2	722	0.41	0.08	0.27
E059018		21.1	7.41	13.85	0.28	0.66	<0.01	0.029	0.03	9.3	25.4	3.18	998	0.22	0.08	0.32
E059019		282	7.5	12.7	0.24	0.68	0.01	0.029	0.02	8.6	21	2.83	970	0.38	0.13	0.31
E059020		320	7.22	13.45	0.29	0.73	<0.01	0.027	0.01	11.1	25.5	3.29	1040	0.56	0.09	0.37
E059021		10.3	4.94	9.4	0.29	0.63	0.01	0.037	0.02	11.7	19.8	1.96	732	0.32	0.07	0.4
E059022		31	6.89	13.4	0.29	0.69	<0.01	0.027	0.01	10.1	30.5	3.35	1040	0.55	0.07	0.34
E059023		9.5	5.63	8.79	0.14	0.65	<0.01	0.021	0.26	12.5	23.2	1.83	697	0.48	0.06	0.41
E059024		16.2	5.41	6.71	0.12	0.32	0.01	0.018	0.27	10.6	23.7	1.49	625	0.92	0.04	0.28
E059025		87.4	6.01	3.92	0.12	0.16	<0.01	0.014	0.34	8.2	15.2	0.98	467	0.12	0.03	0.29
E059026		26.2	4.36	5.16	0.11	0.17	<0.01	0.017	0.22	11	20.2	1.4	672	0.11	0.03	0.25
E059027		12.6	5.79	6.19	0.13	0.16	<0.01	0.019	0.22	7.6	30.7	2.01	1005	0.18	0.02	0.19
E059028		5.1	4.96	3	0.06	0.15	<0.01	0.013	0.22	9.8	13.9	0.88	399	0.09	0.02	0.2
E059029		170	3.96	7.39	0.1	0.42	<0.01	0.024	0.15	16.7	26.4	1.83	745	0.23	0.04	0.36
E059030		390	5.86	12.15	0.17	0.32	0.01	0.028	0.05	5.5	33.2	2.79	1125	0.1	0.07	0.21
E059031		15.2	6.3	13.25	0.16	0.36	<0.01	0.028	0.06	5	40.9	3.27	1280	0.11	0.06	0.22
E059032		633	5.58	9.99	0.11	0.25	0.01	0.025	0.15	5.3	27.6	2.45	983	0.16	0.05	0.19
E059033		224	7.19	13.2	0.21	0.29	<0.01	0.025	0.05	3.8	26.3	3.35	1370	0.13	0.08	0.27
E059034		143	6.09	11.85	0.26	0.33	0.03	0.016	0.01	3.6	21.5	3.22	1290	0.1	0.09	0.19
E059035		26.4	5.84	12.55	0.18	0.36	<0.01	0.022	0.06	6.3	24.5	3.14	1180	0.11	0.09	0.19
E059036		89	5.42	12.6	0.22	0.38	0.02	0.021	0.06	6.6	26.3	3.12	1015	0.17	0.07	0.2
E059037		79.4	4.09	6.97	0.09	0.39	<0.01	0.025	0.21	13.9	17.7	1.19	389	0.65	0.05	0.52
E059038		40.2	6.65	9.92	0.15	0.4	<0.01	0.024	0.44	9.6	28.4	2.94	861	0.62	0.04	0.44
E059039		58.5	5.86	9.95	0.29	0.54	<0.01	0.024	0.11	8.7	20.3	1.98	716	0.26	0.1	0.3
E059040		18.7	6.73	12.15	0.27	0.55	<0.01	0.026	0.26	7	33.9	3.29	984	0.35	0.06	0.39

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method Analyte Units LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
E059001		1.3	480	1.6	8.6	<0.001	0.07	0.3	2	0.3	0.8	18.2	0.01	0.09	7.3	0.088
E059002		4.7	570	2.2	12.7	0.002	0.27	0.39	3.2	0.4	0.9	16.8	0.01	0.26	7	0.157
E059003		4.1	680	3.6	10.6	0.001	0.06	0.33	4.2	0.5	1.4	15.5	0.01	0.14	5.9	0.164
E059004		29.3	780	22.3	31.7	<0.001	0.11	0.6	8.6	1	2.2	48.1	0.01	0.16	2.2	0.291
E059005		18.1	780	12.2	27.6	<0.001	0.3	0.5	6	0.6	1.1	55.2	0.01	0.28	1.9	0.243
E059006		80.7	640	10.7	51.2	<0.001	0.02	0.73	7	0.5	0.8	48.8	<0.01	0.07	1	0.282
E059007		31.5	1070	14.1	45.2	<0.001	0.21	0.5	12.7	0.6	2.4	36.7	0.01	0.1	1.3	0.383
E059008		32.1	1220	20.1	58.2	<0.001	0.21	0.53	17.8	0.7	4.3	17.3	0.01	0.11	1	0.451
E059009		25.9	1170	5.9	38.8	<0.001	0.15	0.6	12.9	0.6	3.9	37.4	0.01	0.1	0.9	0.36
E059010		26.5	1250	2.7	21	<0.001	0.02	0.51	11.8	0.4	1.4	43.2	0.01	0.02	1	0.333
E059011		24.3	1220	4.5	14	<0.001	0.01	0.75	7.5	0.5	0.4	66.4	<0.01	0.04	0.8	0.348
E059012		18.1	1100	36.9	5	<0.001	0.01	0.85	7.9	0.5	0.4	102	0.01	0.01	0.8	0.336
E059013		30.7	1350	10.6	12.3	<0.001	0.01	0.5	8.5	0.5	0.4	48.6	0.01	0.01	0.9	0.361
E059014		29.8	1180	9	10.1	<0.001	0.05	0.5	9.3	0.5	0.5	56.9	0.01	0.05	0.8	0.365
E059015		29.2	940	3.9	11.5	<0.001	0.01	0.55	9.8	0.5	0.5	81.7	0.01	0.01	1.3	0.386
E059016		30.5	910	2.3	9	<0.001	0.02	0.46	12.1	0.6	0.5	61.7	0.01	0.01	1.4	0.424
E059017		22.5	1200	4.4	13.1	<0.001	0.03	0.46	8.8	0.6	0.5	58.7	0.01	0.06	1.9	0.353
E059018		15.7	1960	2	2.7	<0.001	0.03	0.32	13.1	0.7	0.8	27.2	0.01	0.05	1.9	0.396
E059019		15.1	1810	12.9	1.7	<0.001	0.05	0.36	10.5	0.7	0.7	29.8	0.01	0.14	1.7	0.348
E059020		15	1910	2.9	1.1	<0.001	0.04	0.35	11.5	0.8	0.7	21.7	0.01	0.03	1.4	0.417
E059021		14.1	1030	3.4	1.3	<0.001	0.03	0.47	9.2	0.6	0.7	94.5	0.01	0.02	1.5	0.386
E059022		15.2	1810	2.8	0.6	<0.001	0.04	0.33	12.1	0.7	0.8	24.6	0.01	0.06	1.4	0.423
E059023		11.9	1180	3.9	10.4	<0.001	0.06	0.28	8.3	0.6	0.7	19	0.01	0.06	4.3	0.361
E059024		14.9	740	9.5	13.2	<0.001	0.05	0.32	7.7	0.5	0.5	15.3	0.01	0.09	3.5	0.274
E059025		25.6	580	2.9	15.1	<0.001	0.02	0.26	4.5	0.5	0.3	13.8	0.01	0.11	2.5	0.272
E059026		19.5	560	2.2	9.5	<0.001	0.01	0.21	5	0.4	0.4	17	0.01	0.05	3.4	0.184
E059027		31.1	810	3.4	8.6	<0.001	0.01	0.3	5.6	0.4	0.3	35.3	0.01	0.06	2.4	0.224
E059028		28.1	680	1.3	9.1	<0.001	0.01	0.15	2.5	0.3	0.2	7.2	<0.01	0.04	3	0.111
E059029		6.5	540	6.6	6	<0.001	0.02	0.22	5	0.6	0.5	9	0.01	0.07	4.1	0.191
E059030		14.7	710	2.3	2.3	<0.001	0.06	0.32	10.3	0.4	0.5	18.3	0.01	0.05	1.6	0.246
E059031		15.1	570	1.7	3.1	<0.001	<0.01	0.32	11.9	0.6	0.4	16.6	0.01	0.02	1	0.338
E059032		16.9	560	12.3	6.2	<0.001	0.07	0.25	9.1	0.4	0.3	9.4	0.01	0.12	1.8	0.231
E059033		28.3	1020	1.4	2.4	<0.001	0.03	0.35	9.9	0.6	0.4	20.6	0.01	0.02	0.8	0.415
E059034		14.6	730	1.9	1.1	<0.001	0.02	0.31	9.5	0.5	0.3	21.1	<0.01	0.47	0.7	0.265
E059035		14.3	660	1.4	3.5	<0.001	<0.01	0.24	11.7	0.5	0.4	16.7	0.01	0.02	1.9	0.267
E059036		25.8	980	1.9	4.8	<0.001	0.03	0.27	9	0.5	0.4	25.4	0.01	0.11	1.4	0.263
E059037		13.7	540	1.4	13.9	<0.001	0.02	0.26	5	0.5	1.1	13.7	0.01	0.02	4.9	0.239
E059038		56.8	1710	3.6	42.8	0.001	0.16	0.54	5.7	0.8	0.4	34.5	0.01	0.01	2.1	0.455
E059039		16	1560	2	12.7	<0.001	0.01	0.32	8	0.5	0.4	28.2	0.01	0.01	1.3	0.3
E059040		46.6	1550	2.9	25.1	0.001	0.08	0.53	8.1	0.8	0.7	39.7	0.01	0.02	0.8	0.568

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E059001		0.04	1.02	4	0.21	12.1	14	18.9	
E059002		0.06	0.99	11	0.29	13	16	19.1	
E059003		0.04	0.89	23	0.27	14.6	17	18.4	
E059004		0.21	0.44	79	0.52	12.2	46	12	
E059005		0.17	0.37	62	0.38	10.45	49	10.8	
E059006		0.26	0.22	69	0.33	10.25	61	11.4	
E059007		0.2	0.24	134	0.65	12.3	56	11.2	
E059008		0.23	0.29	176	0.59	15.45	61	15.2	
E059009		0.18	0.2	144	0.98	11.6	44	13.7	
E059010		0.1	0.19	144	0.52	11.85	49	12.1	
E059011		0.08	0.17	123	0.59	9.76	60	12	
E059012		0.03	0.16	111	0.42	9.12	41	18.4	
E059013		0.07	0.23	123	0.39	9.58	72	13.2	
E059014		0.06	0.22	134	0.46	8.82	55	13.8	
E059015		0.05	0.22	118	0.43	10.2	50	13.7	
E059016		0.04	0.22	132	0.39	11.4	54	12.2	
E059017		0.06	0.27	85	0.34	14.15	45	10.8	
E059018		0.02	0.38	148	0.3	17.45	59	15.5	
E059019		0.02	0.3	133	0.27	15.1	57	17.4	
E059020		<0.02	0.32	144	0.26	17.65	57	19.2	
E059021		<0.02	0.31	102	0.35	13.95	38	15.5	
E059022		<0.02	0.39	140	0.29	17.9	55	17.7	
E059023		0.04	0.36	95	0.2	15.2	34	19.8	
E059024		0.05	0.29	81	0.17	11.7	33	8.9	
E059025		0.06	0.36	51	0.15	13.5	20	4.1	
E059026		0.04	0.28	49	0.12	13.8	28	4.3	
E059027		0.03	0.33	72	0.13	10.85	46	4.5	
E059028		0.04	0.34	38	0.08	10.3	20	4.3	
E059029		0.02	0.4	37	0.11	15.85	36	11.5	
E059030		<0.02	0.18	122	0.25	9.46	45	7.2	
E059031		0.02	0.23	134	0.23	11.75	54	7.6	
E059032		0.03	0.17	101	0.25	10.55	38	5.8	
E059033		<0.02	0.13	167	0.25	10.45	53	6.1	
E059034		<0.02	0.1	151	0.16	8.45	59	8.3	
E059035		0.02	0.18	123	0.23	10.9	56	8.2	
E059036		0.03	0.23	113	0.23	11.85	51	10.5	
E059037		0.08	0.44	44	0.22	14.45	20	12	
E059038		0.4	0.19	138	0.14	14	49	11.3	
E059039		0.1	0.3	124	0.28	12.25	36	15.4	
E059040		0.18	0.16	160	0.31	12.75	66	15.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
E059041		2.26	0.02	3.65	1.9	<0.2	<10	10	0.64	0.04	1.04	0.01	22.4	24.7	38	1.01
E059042		2.47	0.02	2.68	1.3	<0.2	<10	<10	0.47	0.04	1.39	0.02	17	21	34	0.72
E059043		2.35	0.03	3.24	1	<0.2	<10	<10	0.5	0.03	1.38	0.02	14.7	28.1	48	0.72
E059044		1.66	0.03	3.61	1.2	<0.2	<10	<10	0.59	0.04	1.21	0.03	17.75	31.4	57	0.66
E059045		2.75	0.04	1.73	0.4	<0.2	<10	90	0.42	0.07	0.41	0.03	37.8	13.6	4	0.78
E059046		2.10	0.03	2.27	0.6	<0.2	<10	50	0.38	0.03	0.36	0.01	20.2	20.4	33	0.8
E059047		2.02	0.04	2	0.6	<0.2	<10	50	0.33	0.03	0.44	0.01	17.45	18	39	0.87
E059048		2.17	0.08	1.66	0.6	<0.2	<10	30	0.26	0.04	0.32	0.01	22.1	11.7	32	0.34
E059049		2.03	0.06	1.61	0.7	<0.2	<10	10	0.23	0.03	0.35	0.02	20.6	9.3	22	0.21
E059050		2.24	0.02	1.46	0.8	<0.2	<10	50	0.33	0.07	0.35	0.02	40.3	6.3	9	0.36
E059051		1.51	0.03	0.79	0.4	<0.2	<10	20	0.2	0.07	0.32	0.02	35.6	2.7	7	0.2
E059052		2.53	0.03	1.66	0.6	<0.2	<10	20	0.22	0.06	0.53	0.02	23.8	9.5	10	0.22
E059053		1.98	0.05	1.8	0.6	<0.2	<10	30	0.2	0.05	0.75	0.02	19.65	14.4	20	0.22
E059054		2.35	0.03	1.81	0.7	<0.2	<10	20	0.21	0.04	0.65	0.02	22	12.4	19	0.27
E059055		2.08	0.06	1.24	0.7	<0.2	<10	40	0.26	0.08	0.45	0.01	24.9	13.1	17	0.37
E059056		2.23	0.06	1.61	0.9	<0.2	<10	50	1.49	0.05	0.97	0.02	22	21.2	36	0.36
E059057		1.89	0.08	1.55	0.6	<0.2	<10	30	0.23	0.08	0.77	0.02	22.2	19.2	29	0.3
E059058		2.02	0.05	1.41	0.6	<0.2	<10	30	0.21	0.05	0.93	0.01	23.4	13	18	0.26
E059059		2.26	0.02	1.03	<0.1	<0.2	<10	50	0.24	0.03	1.83	0.03	51.6	2.6	<1	0.47
E059060		<0.02	3.11	2.15	7.3	<0.2	<10	40	0.55	9.21	0.4	0.2	56	21.1	31	1.09
E059061		4.71	0.01	2.17	3.4	<0.2	<10	30	0.29	0.17	2.6	0.02	20	18.8	20	0.4
E059062		4.28	0.02	2.94	2	<0.2	<10	60	0.29	0.15	3.68	0.02	12.4	28.4	46	4.99
E059063		4.34	0.01	1.37	7.7	<0.2	<10	40	0.41	0.25	0.92	0.01	30	8.5	6	0.73
E059064		4.50	0.1	1.69	1.7	<0.2	<10	40	0.35	0.05	1.19	0.02	13.8	33.1	42	0.44
E059065		2.32	0.36	1.1	1.8	<0.2	<10	50	0.53	0.21	0.68	0.01	21.5	22	29	0.81
E059066		1.84	0.03	1.86	1.1	<0.2	<10	70	0.52	0.05	0.66	<0.01	20.1	10.3	64	3.99
E059067		0.61	0.03	4.55	1.8	<0.2	<10	40	1.6	0.05	0.67	0.04	54.2	18.2	133	16.2
E059068		3.07	0.03	0.13	2.3	<0.2	<10	10	5.54	0.06	0.16	0.01	54.3	2.8	10	0.07

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059041		13.2	6.92	13.7	0.29	0.5	<0.01	0.053	0.05	10.5	48.9	3.32	1020	0.28	0.06	0.28
E059042		58.8	4.51	9.76	0.3	0.47	<0.01	0.037	0.02	8.1	23.6	2.3	669	0.27	0.05	0.22
E059043		48.4	5.21	10.6	0.22	0.39	<0.01	0.031	0.02	6.6	26.5	3.09	793	0.3	0.06	0.2
E059044		58.3	5.74	12.2	0.25	0.44	<0.01	0.046	0.02	8.2	34.2	3.39	899	0.34	0.06	0.23
E059045		39.1	3.96	5.31	0.08	0.14	<0.01	0.032	0.24	16.3	16.1	0.98	460	0.22	0.04	0.54
E059046		1.9	4.99	5.92	0.08	0.13	<0.01	0.023	0.21	9.9	32.3	1.65	663	0.14	0.03	0.26
E059047		4	5.72	5.37	0.1	0.2	<0.01	0.023	0.24	9	26.7	1.28	559	0.17	0.05	0.31
E059048		6.6	5.5	7.17	0.12	0.34	<0.01	0.018	0.11	11.5	20.6	1.14	523	0.18	0.07	0.39
E059049		10.9	5.56	8.41	0.15	0.31	<0.01	0.019	0.05	10.2	22.1	1.12	526	0.19	0.06	0.43
E059050		14.2	2.36	5.4	0.07	0.5	<0.01	0.033	0.12	20.3	22.7	1.06	414	0.1	0.03	0.7
E059051		8.6	1.18	3.6	0.05	0.44	<0.01	0.024	0.07	17.6	10	0.45	235	0.12	0.05	1.28
E059052		18.4	4.1	8.66	0.1	0.34	<0.01	0.024	0.06	11.7	20.1	1.15	556	0.16	0.08	0.52
E059053		50.4	4.87	9.09	0.12	0.34	<0.01	0.026	0.05	9.8	19.8	1.31	675	0.18	0.07	0.38
E059054		9.7	4.64	9.32	0.15	0.42	<0.01	0.026	0.05	11.1	23	1.4	610	0.17	0.09	0.48
E059055		18	3.66	3.97	0.08	0.26	<0.01	0.022	0.12	12.5	17.5	0.9	418	0.2	0.03	0.61
E059056		70.8	4.81	4.85	0.09	0.28	<0.01	0.026	0.15	11	20.2	1.08	633	0.29	0.05	0.38
E059057		119.5	5.07	6.44	0.1	0.24	0.01	0.027	0.1	11.2	20.4	1.09	665	0.24	0.06	0.34
E059058		23.2	5.62	6.78	0.13	0.35	<0.01	0.021	0.09	11.7	19.1	0.94	579	0.21	0.07	0.47
E059059		1.7	1.39	2.99	0.05	0.44	<0.01	0.011	0.17	25	14.2	0.61	499	0.17	0.02	0.81
E059060		>10000	4.73	6.28	0.13	0.72	0.02	1.09	0.32	29.1	17.1	1.14	584	0.4	0.02	0.54
E059061		26.9	4.34	6.67	0.07	0.49	<0.01	0.015	0.19	9.3	20.4	1.43	987	0.4	0.05	0.44
E059062		87.2	4.76	9.26	0.11	0.27	<0.01	0.012	0.35	5.5	30.4	2.83	1175	0.24	0.05	0.18
E059063		23.8	2.67	4.1	0.05	0.94	<0.01	0.011	0.25	15.1	10.4	0.73	359	0.92	0.03	0.51
E059064		10.9	4.95	5.2	0.1	0.24	<0.01	0.022	0.17	6.3	18.3	1.32	495	0.28	0.04	0.3
E059065		34.3	4.63	3.78	0.11	0.35	0.01	0.029	0.2	10.9	11.9	0.67	246	0.3	0.03	0.66
E059066		14.3	6.54	5.98	0.16	0.35	<0.01	0.037	0.46	10.2	22.1	1.19	316	0.25	0.04	0.35
E059067		2.6	10.6	24.9	0.52	1.04	0.01	0.144	1.05	26.9	69.1	3.62	863	0.93	0.04	0.45
E059068		4.1	1.64	1.4	0.14	4.81	0.01	0.031	0.06	22.4	0.8	0.02	95	0.22	0.08	15.15

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059041		28.1	1230	1.9	4.1	<0.001	0.01	0.47	12.1	0.6	1.1	43.6	0.01	0.01	1.4	0.359
E059042		22.5	1090	3.1	2.2	<0.001	0.01	0.56	8.3	0.5	0.5	88.8	0.01	0.01	0.8	0.332
E059043		28.8	1110	3	1.8	<0.001	<0.01	0.58	8.5	0.5	0.3	78.6	0.01	0.01	0.7	0.328
E059044		34.9	1150	4.4	1.3	<0.001	0.01	0.61	11.2	0.6	0.4	75.7	0.01	0.02	0.9	0.388
E059045		8.5	290	1.9	8.8	<0.001	<0.01	0.31	4.7	0.5	0.6	29.7	0.02	0.03	7	0.188
E059046		31.3	690	1.1	8.2	<0.001	<0.01	0.21	4.9	0.4	0.3	16.3	0.01	0.02	4	0.149
E059047		37.3	650	1.3	10.8	<0.001	<0.01	0.25	6.7	0.4	2.1	12.3	0.01	0.02	2.5	0.225
E059048		21.7	560	1.3	4.3	<0.001	<0.01	0.21	7.5	0.4	1.8	6.4	0.01	0.04	3.3	0.243
E059049		12.3	690	1.2	2.2	<0.001	<0.01	0.22	6.9	0.5	1.4	6	0.01	0.03	2.6	0.242
E059050		5.5	320	1.6	6.1	<0.001	<0.01	0.23	3.5	0.4	0.8	16.3	0.01	0.01	5.4	0.146
E059051		1.7	260	1.9	4	<0.001	<0.01	0.22	2.2	0.3	0.8	24.4	0.02	0.01	4.8	0.091
E059052		5.6	560	1.8	2.7	<0.001	<0.01	0.19	4.4	0.3	0.6	16.9	0.01	0.02	2.9	0.177
E059053		11.8	620	1.7	2.5	<0.001	<0.01	0.17	6	0.3	0.5	14	0.01	0.03	2.5	0.203
E059054		9	660	1.8	2.8	<0.001	<0.01	0.19	7.5	0.4	0.6	12.4	0.01	0.02	2.7	0.229
E059055		15.6	410	1.8	6.3	<0.001	<0.01	0.24	4.6	0.4	0.5	19	0.01	0.04	3.6	0.213
E059056		32.4	450	1.9	6.2	<0.001	<0.01	0.29	6.7	0.6	0.4	21.7	0.01	0.04	3.2	0.227
E059057		22.4	680	1.7	4.5	<0.001	0.01	0.2	6.9	0.4	0.5	10.3	0.01	0.04	2.8	0.21
E059058		12.8	690	1.3	4	<0.001	<0.01	0.19	5.4	0.5	0.7	7.4	0.01	0.02	2.7	0.234
E059059		2.1	290	0.9	7.7	<0.001	<0.01	0.07	1.3	0.4	1.1	12	0.02	0.02	6	0.068
E059060		36.2	600	28.9	21.4	<0.001	1.27	1.7	2.3	13.9	15.6	13.2	0.02	0.04	17.3	0.064
E059061		14.9	660	2.1	7.6	<0.001	0.59	0.19	4.5	0.5	0.3	29	0.01	0.08	5	0.185
E059062		39.4	800	1.8	25.3	<0.001	0.44	0.25	5.4	0.5	0.3	64.6	<0.01	0.05	2.2	0.233
E059063		12.2	540	4.4	12.8	<0.001	0.28	0.27	2	0.4	0.4	12.7	0.01	0.09	6.5	0.117
E059064		34.3	530	1.7	9.8	0.001	0.05	0.25	5.9	0.5	0.5	22.5	0.01	0.1	1.7	0.284
E059065		24.8	440	1.6	14.1	<0.001	0.03	0.27	5.5	0.6	0.7	27.4	0.01	0.3	3.3	0.314
E059066		38.7	530	1.5	49.3	0.001	<0.01	0.28	8.9	0.7	1.9	22.4	0.01	0.03	2.6	0.355
E059067		67.1	840	1.1	173	0.001	<0.01	0.18	16.8	1.1	6.5	14.4	0.02	0.02	5	0.4
E059068		1.2	10	1.5	3.5	0.001	0.01	0.14	0.5	1.6	2.3	2.3	0.03	0.01	20.5	0.026

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E059041		0.03	0.31	137	0.35	14.1	65	14.1	
E059042		0.02	0.19	110	0.32	10.65	40	13.3	
E059043		0.02	0.17	117	0.3	10.1	52	10.9	
E059044		<0.02	0.22	134	0.36	11.9	60	12.1	
E059045		0.04	0.36	33	0.11	12.25	17	3.2	
E059046		0.03	0.29	45	0.18	10.75	27	3.6	
E059047		0.04	0.52	66	0.59	13.55	19	5.3	
E059048		<0.02	0.55	83	0.47	13	18	9.4	
E059049		<0.02	0.52	81	0.38	12.35	20	9.5	
E059050		0.03	0.75	20	0.22	12.5	20	12.9	
E059051		0.02	0.63	7	0.22	10.2	14	12.1	
E059052		<0.02	0.42	49	0.25	9.68	24	11.3	
E059053		<0.02	0.37	68	0.28	10.5	29	9.9	
E059054		<0.02	0.5	71	0.3	13	27	13.6	
E059055		0.03	0.5	41	0.36	12.75	19	7.4	
E059056		0.03	0.5	63	0.27	19.7	25	6.8	
E059057		0.02	0.49	75	0.24	11	30	7.2	
E059058		0.02	0.47	77	0.3	13.65	28	10.5	
E059059		0.03	0.54	3	0.15	13.2	12	14.6	
E059060		0.11	2.48	19	0.5	15.3	150	26.7	1.14
E059061		0.05	0.54	52	0.22	10.75	47	16.2	
E059062		0.16	0.28	80	0.22	8.06	68	8.6	
E059063		0.08	0.8	13	0.34	12.4	13	32.8	
E059064		0.05	0.29	65	0.43	9.84	11	4.9	
E059065		0.07	0.44	49	0.49	13.15	5	7.6	
E059066		0.34	0.43	76	0.55	14.35	8	8.2	
E059067		1.27	1.56	145	0.49	36.2	38	29.4	
E059068		0.02	5.39	4	0.92	66.1	<2	115	

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 8-JAN-2009
Account: MIATEX

Project: IOCG-NS

CERTIFICATE OF ANALYSIS TM08181876

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
This copy reported on 6-FEB-2009
Account: MIATEX

CERTIFICATE TM09005368

Project:

P.O. No.:

This report is for 161 Drill Core samples submitted to our lab in Timmins, ON, Canada on 19-JAN-2009.

The following have access to data associated with this certificate:

GREGG MORRIS	JOHN O SULLIVAN	

SAMPLE PREPARATION

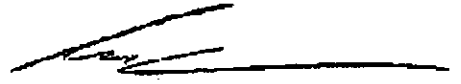
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS

To: **MINOTAUR ATLANTIC EXPLORATION LTD.**
ATTN: JOHN O SULLIVAN
12 CHARLOIS CT
HALIFAX NS B2W 2R4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
E059091	4.37	<0.01	0.14	1.8	<0.2	<10	<10	6.49	0.19	0.15	0.06	51.6	4.5	16	0.07
E059092	3.44	0.02	0.13	0.5	<0.2	<10	<10	5.1	0.1	0.08	0.03	53.7	0.6	14	0.07
E059093	4.69	0.02	0.15	1.3	<0.2	<10	<10	5.76	0.19	0.67	0.04	57.2	4.5	17	0.07
E059094	2.05	0.01	0.56	3.9	<0.2	<10	10	5.08	0.15	1.74	0.01	53.1	22.5	27	0.79
E059095	4.82	0.01	3.14	1.6	<0.2	<10	170	0.67	0.08	1.83	0.01	18.9	19.9	66	8.57
E059096	4.53	<0.01	1.7	11.9	<0.2	<10	40	0.54	1.27	0.87	0.01	45.9	11.9	11	0.9
E059097	3.47	<0.01	4.45	15.7	<0.2	<10	40	0.83	0.1	2.45	0.05	42.7	38	48	6.2
E059098	2.98	0.06	0.4	22	<0.2	<10	10	2.71	0.54	0.63	0.03	63.5	44.9	8	0.57
E059099	2.28	0.03	0.38	11.6	<0.2	<10	<10	2.27	0.37	0.42	0.03	59.1	31.4	9	0.15
E059100	1.86	<0.01	4.33	3.2	<0.2	<10	70	1.9	0.09	0.27	<0.01	44.3	16.3	28	20.2
E059101	1.13	0.1	0.89	8.2	<0.2	<10	10	2.41	0.5	1.88	0.02	68.6	8.9	10	2.25
E059102	4.56	<0.01	3.13	3.4	<0.2	<10	50	0.98	0.12	0.84	<0.01	36.1	20.2	67	10.4
E059103	3.00	0.07	0.64	3	<0.2	<10	10	2.27	1.11	2.28	0.04	79.6	9.8	15	2.36
E059104	4.38	<0.01	5.05	1.9	<0.2	<10	120	1.67	0.33	2.2	0.01	14.3	26.2	147	28.8
E059105	3.10	<0.01	3.66	1.5	<0.2	<10	190	0.94	0.12	2.07	0.01	9.59	23.9	110	25.4
E059106	3.53	<0.01	1.79	2	<0.2	<10	60	0.56	0.32	0.48	0.01	34.5	9.7	15	3.24
E059107	4.11	0.08	2.27	11.5	<0.2	<10	30	0.57	0.31	1.59	0.03	39.3	14.5	10	2.22
E059108	2.23	0.05	2.42	2.8	<0.2	<10	30	0.69	0.13	0.65	0.01	41.6	9.6	11	4.57
E059109	0.92	0.02	3.68	4.8	<0.2	<10	10	1	0.12	2.15	0.01	13	31	121	6.43
E059110	3.81	0.12	0.58	24.8	<0.2	<10	10	2.3	0.49	0.94	0.11	67	5.9	16	1.54
E059111	2.26	<0.01	5.64	3.5	<0.2	<10	20	1.11	0.04	4.4	<0.01	15.4	21.5	155	13.4
E059112	4.31	0.07	1.67	11.6	<0.2	<10	40	0.71	0.45	0.39	0.18	46.8	12.8	17	2.97
E059113	4.36	<0.01	0.4	3.4	<0.2	<10	<10	4.79	0.07	0.4	<0.01	67.5	8.3	8	0.13
E059114	2.74	<0.01	0.32	3.4	<0.2	<10	<10	5.39	0.04	0.49	0.01	62.3	7	7	0.17
E059115	2.52	0.07	3.54	9	<0.2	10	20	0.85	0.51	1.48	<0.01	27.8	25.5	77	3.83
E059116	1.16	0.08	1.17	12.6	<0.2	<10	10	4.88	0.35	1.49	<0.01	49.8	11.3	32	0.72
E059117	3.76	0.01	3.76	8.5	<0.2	<10	10	0.59	0.35	2.93	0.01	9.29	36.9	136	3.77
E059118	3.97	<0.01	0.37	2.3	<0.2	<10	<10	4.55	0.08	0.6	<0.01	79.5	2.5	7	0.2
E059119	3.52	0.05	0.47	20.9	<0.2	<10	<10	4.01	0.28	0.41	0.03	55.9	5.3	10	0.36
E059120	3.58	0.02	0.24	9.7	<0.2	<10	<10	4.83	0.25	0.34	0.04	58.5	2.6	6	0.06
E059121	3.87	<0.01	0.21	0.9	<0.2	<10	<10	5.21	0.08	0.29	0.01	59.8	0.9	8	0.06
E059122	3.32	0.02	0.35	1.3	<0.2	<10	<10	5.27	0.12	0.31	<0.01	54.7	1.5	10	0.12
E059123	1.75	0.01	0.33	1.3	<0.2	<10	<10	4.99	0.08	0.76	0.01	55.7	1.5	10	0.21
E059124	1.13	0.01	3.79	4.7	<0.2	<10	80	1.05	0.21	2.03	0.01	18.7	35.1	103	5.84
E059125	2.87	0.01	0.56	19.2	<0.2	<10	<10	2.19	0.22	0.64	<0.01	62.1	3.8	15	0.64
E059126	4.04	0.06	0.16	80.8	<0.2	<10	<10	2.64	0.45	0.13	0.44	34.3	2.1	7	0.26
E059127	4.01	0.13	0.18	58.2	<0.2	<10	10	2.28	0.35	0.43	0.16	42.5	2.7	8	0.19
E059128	4.17	0.13	0.17	92.4	<0.2	<10	10	2.17	0.51	0.15	0.57	44.2	1.7	5	0.23
E059129	3.59	0.04	3.8	22.8	<0.2	<10	60	0.67	1.08	3.57	<0.01	8.75	35	137	3.31
E059130	0.06	0.32	1.08	102	<0.2	<10	100	0.71	3.88	0.3	<0.01	51.7	63.1	278	1.57

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Total # Pages: 6 (A - D)
Plus Appendix Pages
Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Sample Description Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059091	7.9	1.3	1.71	0.11	4.35	<0.01	0.05	0.07	20.9	1.8	0.04	104	0.32	0.03	13.6
E059092	5.3	1.35	1.67	0.11	4.28	<0.01	0.052	0.08	21.8	0.7	0.03	110	0.24	0.04	12.75
E059093	4.8	1.3	1.76	0.1	4.86	<0.01	0.054	0.08	23.4	1	0.03	177	0.26	0.04	14.15
E059094	7.6	2.11	3.89	0.11	4.9	<0.01	0.075	0.13	22.8	7.4	0.36	275	0.24	0.04	5.03
E059095	33	5.54	10.55	0.31	0.4	<0.01	0.037	1.27	9.1	46.4	2.65	679	0.13	0.06	0.29
E059096	22.9	2.99	5.95	0.11	0.93	<0.01	0.021	0.26	22.4	14.6	0.95	242	0.67	0.05	0.84
E059097	8.9	8.81	14.9	0.22	0.56	<0.01	0.058	1.08	21.1	53.9	2.62	710	1.53	0.01	0.26
E059098	16.8	1.67	2.84	0.1	2.94	<0.01	0.041	0.13	27.5	6	0.15	180	3.97	0.04	10.25
E059099	18	1.41	3.05	0.11	1.97	<0.01	0.042	0.08	25.9	4.6	0.14	142	1.71	0.03	10.95
E059100	4.5	8.47	22.1	0.36	1.41	<0.01	0.1	2.73	20.1	59.1	2.44	436	0.94	0.02	0.74
E059101	4.6	2.25	5.67	0.16	2.56	<0.01	0.05	0.27	31.1	11.9	0.43	217	2.1	0.03	5.77
E059102	9	5.34	10.35	0.17	0.99	<0.01	0.053	1.4	17.4	42.8	2.09	499	1.15	0.01	0.37
E059103	12.2	1.76	3.82	0.16	5.11	<0.01	0.043	0.31	34	8.2	0.28	452	0.86	0.07	7.73
E059104	12.8	8.26	15.95	0.4	0.47	<0.01	0.057	3.39	6	69.1	4.21	612	0.67	0.02	0.26
E059105	56.5	6.34	7.79	0.33	0.43	<0.01	0.036	2.54	3.7	32.9	3.56	516	0.14	0.03	0.2
E059106	5.6	2.72	5.53	0.11	0.88	<0.01	0.028	0.46	16.1	18.8	1.19	233	1.02	0.02	0.54
E059107	111.5	3.84	7.35	0.13	0.51	<0.01	0.042	0.32	18.5	22.7	1.26	493	3.88	0.02	0.46
E059108	73.8	3.78	7.99	0.13	0.63	<0.01	0.035	0.5	19.6	28.5	1.46	510	6.23	0.02	0.42
E059109	68.4	5.58	9.77	0.27	0.38	<0.01	0.049	0.58	6.1	54.8	3.28	983	0.92	0.02	0.19
E059110	7.4	1.79	4.06	0.13	3.77	<0.01	0.048	0.19	29.7	8.2	0.29	219	1.91	0.04	7.67
E059111	5.1	9.14	19.8	0.36	0.32	<0.01	0.055	1.73	7.1	76.5	4.07	1235	1.08	0.02	0.28
E059112	32.1	3.04	7.17	0.12	1.13	<0.01	0.03	0.43	22.7	26.1	0.93	322	0.83	0.02	0.83
E059113	7	1.36	4.19	0.15	4.79	<0.01	0.043	0.09	29	5	0.17	165	0.43	0.05	10.95
E059114	8.8	1.36	3.35	0.13	5.1	<0.01	0.048	0.08	26.1	4.2	0.13	147	0.24	0.04	12.55
E059115	45.2	6.96	14.75	0.3	0.97	0.01	0.081	0.46	13.6	73.7	2.86	1260	1.55	0.02	0.32
E059116	4.2	2.89	7.19	0.15	3.49	0.02	0.041	0.09	22.4	30.8	0.93	450	1.04	0.03	1.89
E059117	30.9	6.18	11.5	0.24	0.39	0.01	0.043	0.46	4	69.2	3.72	1175	0.39	0.02	0.18
E059118	5.3	1.73	4.04	0.16	5.01	<0.01	0.044	0.1	33.2	5	0.18	164	0.25	0.03	10.85
E059119	5.7	1.64	5.27	0.13	4.84	<0.01	0.056	0.13	24.3	7.7	0.27	187	1.67	0.03	8.05
E059120	7.7	1.3	3.65	0.12	5.91	<0.01	0.05	0.08	24.5	2.9	0.1	113	1.2	0.03	12.3
E059121	5.4	1.32	3.67	0.12	6.48	<0.01	0.038	0.06	25.8	2.3	0.1	110	0.47	0.03	12.6
E059122	3.5	1.51	4.96	0.13	6.11	<0.01	0.042	0.09	22.9	4.6	0.18	167	0.4	0.04	8.65
E059123	3.7	1.49	4.47	0.12	6.01	<0.01	0.046	0.11	23.3	4.4	0.17	176	0.51	0.03	8.46
E059124	46	6.16	15.15	0.31	0.93	<0.01	0.055	1.76	8.9	55.2	3.32	770	0.79	0.03	0.35
E059125	13.5	1.45	5.85	0.12	4.27	<0.01	0.06	0.19	27.4	8.3	0.3	198	1.47	0.02	6.56
E059126	36	1.04	1.55	0.06	4.3	<0.01	0.032	0.12	15	0.8	0.01	51	5.68	0.01	15.35
E059127	64.9	1.2	1.73	0.05	3.87	0.01	0.03	0.11	16.9	1.6	0.04	103	3.5	0.04	12.5
E059128	30.6	1.06	1.39	0.05	4.01	0.01	0.038	0.14	18.2	0.9	0.01	60	4.33	0.03	13.85
E059129	70.3	4.69	9.34	0.12	0.38	0.01	0.019	0.71	3.6	57.7	3.84	1165	0.63	0.03	0.26
E059130	446	14.25	3.24	0.2	0.34	0.04	0.081	0.21	23.8	6.2	0.28	565	117	0.05	0.17

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059091		3.8	10	9.6	4	0.001	0.1	0.16	0.4	1.9	2.2	2.8	0.03	0.03	22.7	0.016
E059092		2.5	<10	6.5	3.9	<0.001	<0.01	0.11	0.4	1.6	3.2	2.6	0.03	0.01	22.6	0.021
E059093		1.6	<10	5.4	4.7	<0.001	0.18	0.1	0.5	1.9	2.1	6	0.03	0.05	23.4	0.016
E059094		9.6	90	3.2	12.5	<0.001	0.16	0.12	2.6	1.6	2.3	8	0.04	0.03	19	0.059
E059095		41.6	850	6.7	134	<0.001	0.01	0.29	11.7	0.4	2.2	53.3	0.01	0.01	1.7	0.351
E059096		18.6	410	3.8	13.6	<0.001	0.44	0.47	4.4	0.6	0.9	8.9	0.02	0.05	7.3	0.186
E059097		56.9	680	2.5	115.5	0.001	0.14	0.27	13.7	0.8	3.6	15.3	0.01	0.02	4.7	0.271
E059098		4.2	20	7.4	12.6	0.001	0.8	0.22	1.3	1.9	1.1	4.2	0.05	0.17	19.5	0.02
E059099		4.2	10	5.9	4.4	<0.001	0.56	0.17	1.2	1.8	1.1	3.5	0.05	0.12	19.8	0.015
E059100		49.6	400	1.9	383	<0.001	0.07	0.11	15.4	1.1	11.1	4.4	0.03	0.03	12.3	0.416
E059101		12.3	30	7.7	35.9	<0.001	0.29	0.23	2.9	1.8	3.1	7.4	0.06	0.22	19.4	0.055
E059102		52	480	3.9	189.5	<0.001	0.08	0.21	10.5	0.7	4.2	13.6	0.01	0.03	6.6	0.298
E059103		9.3	20	11.4	45.7	0.001	0.59	0.15	2.7	2.7	2	9.8	0.06	0.41	25.9	0.058
E059104		106.5	720	1.6	440	<0.001	0.07	0.56	19.2	0.7	4.3	29.8	0.01	0.02	1.3	0.6
E059105		69.6	1180	1.8	265	<0.001	0.06	0.34	8	0.6	0.7	37.8	0.01	0.01	0.3	0.735
E059106		18.3	450	1.5	35.4	0.001	0.17	0.18	4.1	0.6	1.2	10.3	0.01	0.02	6.1	0.202
E059107		14.1	830	6.6	23	0.002	0.15	0.23	7.1	1.1	1.2	13.2	0.01	0.15	5.6	0.224
E059108		15.6	670	2.7	48.2	0.001	0.02	0.23	7.4	0.6	1.4	11.2	0.01	0.05	7.5	0.237
E059109		72.2	440	4.8	80.1	0.001	0.09	0.36	10.7	0.7	0.8	38.3	0.01	0.02	1.5	0.399
E059110		6.8	30	8.6	24.3	0.001	0.75	0.33	2.7	2.8	1.5	4.9	0.08	0.18	17.9	0.052
E059111		97.8	310	1.1	229	<0.001	0.05	0.16	21.7	0.6	5	21.9	0.01	0.01	1.1	0.342
E059112		18.2	430	25.6	36.8	<0.001	0.32	0.76	4.9	0.7	1.2	8.7	0.01	0.04	6.6	0.219
E059113		3.8	30	5.2	3.3	<0.001	0.07	0.11	1.5	2.1	2.5	4	0.12	0.02	24.3	0.044
E059114		3.2	30	2.1	4.2	<0.001	0.02	0.12	1.3	2	2.4	4.1	0.1	0.01	24.3	0.047
E059115		55.3	800	2.6	40.6	0.001	0.17	0.53	11.8	0.8	2.3	44.1	0.01	0.1	5	0.367
E059116		25	180	2.4	6.1	0.001	0.17	0.42	6.2	1.6	2.9	11.9	0.04	0.03	15.5	0.138
E059117		101.5	390	1.8	56	<0.001	0.34	0.42	10.2	0.6	1.1	36.5	0.01	0.05	0.8	0.37
E059118		4.5	40	1.3	6.3	<0.001	0.05	0.15	1.9	2	2.4	4.3	0.08	0.02	22.1	0.044
E059119		6.9	70	4.6	10.2	<0.001	0.31	0.31	2.5	1.8	2.9	4.3	0.07	0.04	18.4	0.065
E059120		2.8	30	3.5	3.6	<0.001	0.18	0.19	1.1	2	3.2	3.7	0.07	0.03	20.9	0.035
E059121		2.9	30	2.2	3.8	<0.001	<0.01	0.11	1.1	1.8	4.4	3.4	0.05	0.01	22.8	0.034
E059122		4.4	50	2.7	6.7	<0.001	0.01	0.15	1.6	1.8	3.6	3.5	0.07	0.01	20.1	0.047
E059123		4.4	60	3.4	13.2	<0.001	<0.01	0.16	1.6	1.8	3.7	4.6	0.05	0.01	19.1	0.054
E059124		75.4	720	4.5	169.5	<0.001	0.15	0.32	11.7	0.7	2	45.2	0.01	0.03	3.8	0.431
E059125		10.9	30	4.7	18.9	<0.001	0.26	0.27	2.1	1.8	3	6.7	0.05	0.03	17.8	0.049
E059126		2.6	20	56.9	8.2	0.001	0.92	0.48	0.5	1.9	1.7	2.2	0.03	0.11	20	0.01
E059127		3.4	20	22	7.3	0.001	1	0.55	0.6	1.1	1.2	2.6	0.03	0.08	16.9	0.017
E059128		1.9	20	45.3	8.7	0.001	0.96	0.56	0.4	1.1	1.1	2.5	0.03	0.15	17.9	0.009
E059129		96.7	400	2.6	62	0.001	0.32	0.35	5.9	0.4	1.5	43.8	0.01	0.23	0.9	0.313
E059130		482	300	117.5	14.9	0.004	0.02	10.45	4.1	0.4	1	16.5	<0.01	0.03	8.9	0.011

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
E059091		<0.02	5.9	3	0.68	76.5	5	91.1
E059092		<0.02	5.41	2	0.78	68.6	3	91.3
E059093		<0.02	6.32	3	0.58	80.9	4	106
E059094		0.05	5.28	20	0.79	70.1	6	111.5
E059095		0.7	0.35	123	0.73	10.65	32	10.1
E059096		0.1	0.9	23	0.3	16.15	11	29.2
E059097		0.43	0.81	107	0.32	24.7	18	16.8
E059098		0.05	5.14	5	0.45	61.3	5	59.1
E059099		<0.02	4.38	4	0.42	56.8	6	38.6
E059100		2.17	3.86	119	0.22	34.5	20	35.1
E059101		0.21	4.23	16	0.53	54.6	8	50.3
E059102		0.95	1.23	71	0.42	20.4	20	32.5
E059103		0.26	6.83	16	0.65	75	7	103.5
E059104		2.65	0.3	150	0.7	17.15	21	11.6
E059105		1.55	0.09	164	0.56	11.15	22	10.1
E059106		0.19	0.86	24	0.35	15.55	9	29.3
E059107		0.13	0.7	51	0.7	15.2	18	17.7
E059108		0.29	0.94	45	0.8	17.6	19	21.8
E059109		0.48	0.22	117	0.86	15.45	45	9.9
E059110		0.15	4.97	12	0.43	125	13	75
E059111		1.23	0.37	141	0.41	16.35	36	8.5
E059112		0.24	1.06	31	0.45	19.1	34	35.1
E059113		<0.02	6.52	8	0.45	78.4	<2	92.8
E059114		<0.02	6.39	9	0.53	81.5	<2	97.6
E059115		0.25	1.02	128	0.7	21.5	39	34.7
E059116		0.09	4.13	44	0.57	57.3	9	78.6
E059117		0.31	0.21	108	0.56	13.8	44	10.5
E059118		0.04	5.87	12	0.55	71.9	<2	99.3
E059119		0.06	5.46	15	0.72	69.9	9	102.5
E059120		0.02	6.18	7	0.52	75.1	8	121
E059121		<0.02	6.55	7	0.5	75.5	<2	131.5
E059122		0.04	6.07	10	0.64	73.1	2	128
E059123		0.09	6.1	11	0.61	68.6	2	130
E059124		0.99	0.77	131	0.83	15.85	32	32.2
E059125		0.12	5.07	9	0.52	71.4	5	83.6
E059126		0.03	6.05	1	0.5	63.9	104	91.4
E059127		0.05	4.87	1	0.43	65.6	41	76.6
E059128		0.05	5.55	1	0.5	70.2	139	87.5
E059129		0.58	0.22	80	0.48	11.1	65	9.1
E059130		0.25	2.28	24	12.35	8.1	434	14.6

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
E059131		4.32	0.01	1.34	3.3	<0.2	<10	80	0.39	0.13	1.25	0.01	52.3	3.7	3	1.2
E059132		4.25	0.03	2.92	25.9	<0.2	<10	70	0.49	0.25	2.14	0.01	23.1	28.4	71	2.84
E059133		3.10	0.05	2.77	4.9	<0.2	<10	110	0.76	0.25	3.01	0.01	26.9	26.5	44	4.16
E059134		3.41	0.1	1.8	7.8	<0.2	<10	50	0.4	0.21	0.72	0.02	34.4	14.3	11	1.21
E059135		2.83	0.04	4.38	12.2	<0.2	<10	180	0.71	0.12	3.39	0.03	11.4	37.9	68	15.2
E059136		4.36	0.02	2.77	9.5	<0.2	<10	80	0.44	0.09	2.44	0.02	13.55	30.3	50	3.77
E059137		4.81	0.02	2.96	3.6	<0.2	<10	180	0.39	0.03	1.71	0.02	19.4	35	72	7.88
E059138		4.45	0.02	3.33	8.4	<0.2	<10	160	0.45	0.07	2.39	0.02	17.5	33.4	69	7.7
E059139		4.32	0.02	1.45	5.5	<0.2	<10	130	0.4	0.08	1.62	0.01	26.3	9.8	5	2.1
E059140		3.76	0.03	1.02	7.5	<0.2	<10	70	0.33	0.12	1.93	0.02	23.5	8.6	4	0.85
E059141		4.23	0.04	3.55	7.1	<0.2	<10	170	0.63	0.11	4.41	0.03	15.75	30.7	53	3.5
E059142		4.22	0.01	2	2.3	<0.2	<10	100	0.4	0.04	1.46	0.01	22	11.3	2	1.2
E059143		4.03	0.04	2.02	1.6	<0.2	<10	100	0.38	0.13	1.38	0.02	23.1	11.4	1	0.95
E059144		4.31	0.04	1.72	1.9	<0.2	<10	90	0.41	0.23	1.67	0.02	21.2	8.7	1	1.17
E059145		4.11	0.03	1.86	1.8	<0.2	<10	90	0.43	0.18	1.56	0.02	22	10.5	1	1.03
E059146		4.26	0.03	1.7	1.5	<0.2	<10	110	0.4	0.13	2.01	0.04	19.45	9.3	3	1.12
E059147		3.95	0.02	2.01	1.2	<0.2	<10	120	0.44	0.09	2.02	0.02	22.8	10.1	1	0.97
E059148		3.84	0.03	1.9	3.1	<0.2	<10	90	0.42	0.14	1.55	0.05	22.7	10.5	1	1.01
E059149		3.78	0.01	1.98	1.1	<0.2	<10	100	0.38	0.11	1.14	0.02	21.9	10.9	2	1.03
E059150		4.37	0.01	1.82	1.1	<0.2	<10	90	0.41	0.09	1.85	0.02	20.5	9.9	1	1.2
E059151		3.79	0.03	1.77	1.8	<0.2	<10	60	0.38	0.18	1.43	0.05	21	11.7	2	0.81
E059152		2.46	0.02	3.19	1.3	<0.2	<10	60	0.46	0.13	1.76	0.03	12.55	25.3	70	2.46
E059153		0.75	<0.01	0.04	<2	<0.2	<10	10	<0.05	0.01	>25.0	0.01	1.11	0.7	1	<0.05
E059154		3.20	0.02	0.52	0.6	<0.2	<10	40	0.23	0.13	0.35	0.01	37.7	1.6	1	0.43
E059155		4.51	0.04	0.62	1.1	<0.2	<10	30	0.38	0.08	0.73	<0.01	38.3	4	3	0.43
E059156		3.28	0.07	3.43	1.2	<0.2	<10	20	0.42	0.07	1.52	0.01	21.7	32	103	2.52
E059157		3.16	0.05	0.54	0.8	<0.2	<10	20	0.47	0.08	0.69	<0.01	31.7	4.4	7	0.51
E059158		4.52	0.04	0.77	0.5	<0.2	<10	30	0.31	0.07	0.59	0.01	27.5	4.2	7	0.88
E059159		3.65	0.1	0.65	0.4	<0.2	<10	20	0.4	0.17	0.63	<0.01	38.9	2.2	6	0.5
E059160		0.69	0.03	5.98	0.7	<0.2	<10	90	0.55	0.01	0.64	0.01	28.5	21.4	156	12.35
E059161		4.09	0.04	0.12	0.6	<0.2	<10	<10	3.91	0.12	0.13	0.06	53.1	1.7	6	0.08
E059162		3.47	0.05	0.11	0.4	<0.2	<10	10	3.79	0.1	0.17	0.07	54.9	1.1	5	0.06
E059163		4.74	0.04	0.19	0.6	<0.2	<10	10	5.81	0.09	0.3	0.02	63.4	2.1	5	0.11
E059164		5.67	0.03	5.24	2.4	<0.2	<10	40	0.63	0.05	2.67	<0.01	29.4	32.6	76	4.35
E059165		5.68	0.05	3.22	3.6	<0.2	<10	40	0.57	0.09	2.16	0.01	17.75	25.8	47	2.36
E059166		3.68	0.02	2.37	1.5	<0.2	<10	30	0.66	0.02	4.35	0.01	38.7	11.4	27	0.98
E059167		3.23	0.04	0.27	0.8	<0.2	<10	10	5.18	0.12	0.88	0.01	52.8	3.8	12	0.13
E059168		0.42	0.04	4.74	1.8	<0.2	<10	100	2.21	0.18	0.47	0.04	65.9	14.7	159	15.6
E059169		4.40	0.08	0.14	2.4	<0.2	<10	10	5.64	0.23	0.57	<0.01	52	5.2	5	0.07
E059170		3.88	0.05	0.14	0.7	<0.2	<10	10	5.73	0.09	0.41	0.01	35.7	3.5	11	0.08

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059131	2.5	2.79	7.14	0.09	0.36	<0.01	0.035	0.42	24.3	16.9	0.82	558	0.37	0.06	0.45
E059132	26.7	6.01	11.85	0.2	0.48	<0.01	0.02	0.65	10.5	33.1	3	1400	1.22	0.07	0.35
E059133	57.4	5.12	10.7	0.15	0.63	0.01	0.024	0.75	12.3	47.9	2.27	1215	0.99	0.05	0.28
E059134	27.3	3.55	6.61	0.09	0.5	<0.01	0.035	0.29	16.5	18.9	1.08	606	1.1	0.04	0.45
E059135	33.3	8.65	17.7	0.23	0.37	<0.01	0.013	2.06	4.7	43.2	3.37	1695	0.95	0.05	0.29
E059136	31.8	6.11	10.9	0.14	0.34	<0.01	0.011	0.55	5.9	21.5	2.2	1090	0.79	0.06	0.31
E059137	37.2	7.46	12.3	0.19	0.31	<0.01	0.01	1.15	8.1	26.4	2.48	1080	0.83	0.05	0.34
E059138	22.1	6.76	12.25	0.18	0.35	<0.01	0.011	1.06	7.8	30.7	2.64	1230	0.6	0.06	0.3
E059139	13.7	3.2	6.04	0.11	0.41	<0.01	0.015	0.48	10.7	13.5	0.83	576	0.38	0.07	0.57
E059140	29	3.06	5.2	0.11	0.35	<0.01	0.012	0.22	9.8	8.8	0.59	518	0.43	0.07	0.6
E059141	24.3	7.59	15.05	0.2	0.3	<0.01	0.019	0.84	6.6	29.9	2.75	1690	0.67	0.06	0.31
E059142	15	3.86	8.93	0.12	0.32	<0.01	0.013	0.36	9.6	18.7	1.29	972	0.3	0.07	0.34
E059143	29.3	3.95	8.94	0.12	0.35	<0.01	0.015	0.38	9.8	20.2	1.28	1025	0.26	0.07	0.38
E059144	17	3.25	7.63	0.13	0.42	<0.01	0.018	0.44	9.4	17.4	1.02	730	0.38	0.06	0.56
E059145	13.9	3.61	8.11	0.13	0.47	<0.01	0.019	0.42	9.9	18.9	1.12	745	0.94	0.07	0.49
E059146	44.3	3.18	7.26	0.11	0.38	<0.01	0.019	0.56	8.6	17.3	0.92	652	0.53	0.05	0.52
E059147	8.6	3.68	7.95	0.12	0.4	<0.01	0.027	0.54	10.5	20.4	1.08	651	0.42	0.06	0.57
E059148	17.8	3.56	8.01	0.14	0.34	<0.01	0.027	0.53	10.1	19.9	1.07	559	0.41	0.06	0.48
E059149	14.9	3.73	8.08	0.11	0.41	<0.01	0.022	0.61	10.1	20.3	1.16	513	0.49	0.07	0.43
E059150	7.9	3.36	7.56	0.12	0.37	<0.01	0.026	0.58	9.3	18.9	1.01	524	0.49	0.05	0.51
E059151	29.2	3.25	7.58	0.13	0.51	<0.01	0.027	0.22	9.5	16.5	1.05	510	0.59	0.06	0.57
E059152	35.4	5.53	10.85	0.18	0.33	<0.01	0.02	0.46	5.5	32.4	2.69	908	0.63	0.05	0.34
E059153	0.8	0.12	0.14	<0.05	<0.02	0.01	0.007	0.01	1.2	0.4	1.14	130	<0.05	0.01	0.13
E059154	4.5	0.62	2.15	<0.05	0.33	<0.01	0.016	0.17	20.2	3.9	0.15	109	0.32	0.04	1.57
E059155	9.8	1.2	2.78	0.05	0.68	<0.01	0.019	0.17	16.7	8.4	0.2	279	0.61	0.03	0.82
E059156	27.1	5.86	11.15	0.22	0.39	0.02	0.023	0.27	9.9	38.9	3.11	743	1.1	0.05	0.76
E059157	4.2	1.1	2.54	0.05	0.72	<0.01	0.015	0.14	14.3	8.1	0.21	201	0.28	0.03	0.79
E059158	10.3	1.42	3.39	0.05	0.88	<0.01	0.022	0.2	12.1	10.4	0.37	208	0.46	0.04	0.81
E059159	4.7	1.22	2.87	0.05	0.81	<0.01	0.015	0.22	17.9	9.7	0.23	260	0.29	0.04	0.55
E059160	<0.2	11.25	20.9	0.47	0.34	<0.01	0.072	2.35	13.1	90.2	4.06	983	0.54	0.03	0.21
E059161	2.9	1.42	1.08	0.08	3.62	<0.01	0.042	0.07	21.6	0.9	0.02	71	0.31	0.05	12.5
E059162	4	1.59	1.12	0.09	3.62	<0.01	0.034	0.08	22	0.6	0.01	63	0.17	0.04	15.2
E059163	5.2	1.7	1.94	0.09	3.22	<0.01	0.05	0.09	26	2.2	0.05	111	0.2	0.05	14.35
E059164	40.7	9.23	15.45	0.24	0.28	<0.01	0.04	0.76	13.2	67.6	3.68	924	3.64	0.03	0.33
E059165	173	5.16	9.46	0.21	0.28	0.01	0.025	0.35	8.9	41.9	2.53	925	0.33	0.05	0.25
E059166	21.8	4.18	6.55	0.1	0.19	0.01	0.02	0.36	19	27.9	1.51	1115	0.16	0.04	0.15
E059167	8.8	1.69	1.61	0.08	3.41	0.01	0.039	0.07	21.6	3.5	0.11	185	0.22	0.04	10.7
E059168	2.5	11.25	30	0.39	0.73	0.01	0.514	2.3	28.8	71.6	3.07	1500	1	0.03	0.57
E059169	16.7	1.88	1.39	0.08	3.17	0.01	0.027	0.06	21.5	1.4	0.04	88	0.21	0.04	13.1
E059170	30.3	1.68	1.09	0.07	3.42	<0.01	0.024	0.07	14.5	0.9	0.02	97	0.26	0.06	12.85

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059131		1.3	1690	1.6	22.1	<0.001	0.19	0.24	4.2	0.3	0.6	30.3	0.01	0.02	6.3	0.179
E059132		41	1790	3.4	40.1	0.001	1.62	0.47	6.1	0.7	0.4	51.5	0.01	0.27	1.9	0.424
E059133		36.1	1330	3.6	52.2	0.001	0.35	0.37	7.2	0.5	0.6	53.6	0.01	0.06	3.5	0.386
E059134		12.4	600	6.1	19.3	<0.001	0.69	0.65	5.3	0.4	0.6	21	0.01	0.04	5.8	0.175
E059135		34.3	2180	3.3	159.5	0.002	0.92	0.49	9.4	0.6	0.4	35.4	0.01	0.14	0.5	0.506
E059136		23.5	2010	3.3	35.2	0.001	0.49	0.43	5.1	0.4	0.4	54.3	0.01	0.05	0.7	0.422
E059137		29.8	2300	4.6	71.2	0.002	0.19	0.38	4.2	0.5	0.4	45.8	0.01	0.02	0.3	0.52
E059138		33	2010	2.6	70.9	0.001	0.4	0.42	5.5	0.5	0.4	55.9	0.01	0.04	0.8	0.458
E059139		3.8	1760	2.5	26.9	<0.001	0.24	0.28	5	0.4	0.6	62.1	0.01	0.03	1.8	0.28
E059140		3.3	1690	3.4	13	<0.001	0.51	0.24	4.5	0.5	0.5	45.5	0.01	0.1	1.6	0.213
E059141		24.9	2030	4.4	45.6	0.001	0.6	0.3	9.5	0.6	0.4	44.8	0.01	0.08	0.8	0.43
E059142		2	1760	1.8	19.2	<0.001	0.1	0.18	4.7	0.3	0.5	47.2	0.01	0.03	1.5	0.228
E059143		1.4	1800	2.2	18.7	<0.001	0.26	0.15	5.4	0.4	0.6	41.1	0.01	0.06	1.7	0.253
E059144		1.2	1660	3.2	23.6	<0.001	0.33	0.21	5.4	0.4	0.6	55.4	0.01	0.09	1.6	0.292
E059145		1.3	1720	3.9	22.1	0.001	0.29	0.21	5.9	0.4	0.7	54.6	0.01	0.08	1.7	0.299
E059146		1	1630	2.6	29	<0.001	0.22	0.21	5	0.4	0.6	67.4	0.01	0.06	1.5	0.285
E059147		1.1	1710	2.3	26.5	<0.001	0.05	0.21	6.4	0.4	0.7	67.7	0.01	0.02	1.9	0.341
E059148		2	1690	3.9	25.7	<0.001	0.13	0.32	5.7	0.4	0.6	70.5	0.01	0.03	1.8	0.302
E059149		1.1	1650	2.6	29.7	<0.001	0.05	0.19	5.8	0.4	0.6	45.6	0.01	0.02	1.6	0.301
E059150		1.3	1630	2.3	27.5	<0.001	0.06	0.22	5.3	0.4	0.6	61.6	0.01	0.01	1.5	0.306
E059151		1.7	1640	4.1	12	<0.001	0.14	0.27	5.6	0.3	0.7	58.3	0.01	0.05	1.8	0.308
E059152		47.5	1380	2.7	26.3	<0.001	0.14	0.26	5.7	0.4	0.6	47.6	0.01	0.01	0.9	0.39
E059153		<0.2	80	0.3	0.3	<0.001	<0.01	<0.05	0.2	0.2	<0.2	83.9	<0.01	0.02	<0.2	0.006
E059154		0.9	100	4.6	10.5	<0.001	0.06	0.22	1.4	0.3	0.5	26.7	0.01	0.02	5.8	0.061
E059155		2	110	5	10.1	<0.001	0.06	0.16	1.1	0.2	0.8	12.5	0.01	0.02	6.2	0.043
E059156		62.3	1390	4.5	25.7	<0.001	0.05	0.38	4.1	0.4	0.8	61.4	0.02	0.05	1.3	0.528
E059157		1.9	140	5.5	9.8	<0.001	0.04	0.2	1.1	0.2	1	12.9	0.01	0.03	6	0.04
E059158		4	210	4.6	16	<0.001	0.03	0.2	1.4	0.2	1	15.8	0.01	0.03	6.4	0.092
E059159		2.6	130	1.1	15.2	<0.001	0.02	0.15	1	0.3	1.3	7.4	0.01	0.14	6.4	0.035
E059160		71.3	980	1	258	0.001	<0.01	0.1	22.6	0.5	6.8	10.7	0.01	0.01	1.1	0.394
E059161		1.3	10	19	4	<0.001	0.03	0.19	0.4	0.9	3.5	1.9	0.03	0.01	16.5	0.03
E059162		0.9	10	14.4	3.7	<0.001	0.01	0.13	0.3	0.9	2.5	1.9	0.04	0.01	16.5	0.026
E059163		2.2	10	14.7	6.6	<0.001	0.01	0.14	1.2	1.1	2.6	2.8	0.12	0.01	18.3	0.029
E059164		61.3	1700	1	73.7	0.003	0.1	0.2	17.5	0.6	1.8	28.2	0.01	0.01	1.5	0.359
E059165		39.5	740	2.4	31.6	<0.001	0.05	0.39	9.6	0.4	1.4	89.1	0.01	0.01	0.8	0.349
E059166		26.8	690	4.1	24.8	0.001	0.01	0.2	9.2	0.5	2.1	35.6	0.01	0.01	1.2	0.168
E059167		3	30	9.5	4.9	<0.001	0.02	0.15	0.8	1.1	2.7	3.6	0.04	0.01	17.9	0.038
E059168		53.6	1020	6	412	0.001	0.02	0.12	22.9	0.9	14	6	0.02	0.01	8.5	0.417
E059169		2	20	2.2	3.4	0.001	0.05	0.21	0.7	1.2	2.6	2.2	0.03	0.01	17.8	0.025
E059170		1.5	10	6.2	4.1	0.001	0.03	0.15	0.4	1.1	2.8	2	0.03	0.01	18.9	0.025

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
E059131		0.18	0.88	15	0.34	15.35	21	18.5
E059132		0.39	0.28	115	0.43	12.5	111	13.8
E059133		0.53	0.45	97	0.5	12.9	77	20.9
E059134		0.15	0.58	30	0.3	11.1	33	15.1
E059135		1.29	0.08	215	0.33	10.25	133	12.4
E059136		0.28	0.14	129	0.3	9.99	84	10.4
E059137		0.61	0.09	179	0.31	14.15	96	9.6
E059138		0.63	0.17	167	0.29	11.15	105	11.5
E059139		0.23	0.33	39	0.36	14.25	39	10.8
E059140		0.1	0.28	35	0.27	12.75	30	8.4
E059141		0.44	0.14	173	0.61	12.45	107	8.9
E059142		0.16	0.26	42	0.28	11.05	59	9
E059143		0.15	0.27	42	0.31	11.85	64	9.9
E059144		0.2	0.31	42	0.29	11.45	40	12.1
E059145		0.2	0.32	45	0.29	11.55	36	13.4
E059146		0.23	0.27	40	0.27	10.85	26	11.3
E059147		0.22	0.36	42	0.35	12.7	25	10.8
E059148		0.21	0.31	41	0.36	11.5	26	8.7
E059149		0.24	0.31	44	0.27	11.4	21	11.9
E059150		0.21	0.28	39	0.29	10.6	17	10.4
E059151		0.07	0.33	39	0.3	11.8	20	14.6
E059152		0.17	0.17	95	0.27	8.62	44	10.4
E059153		<0.02	0.26	1	1.54	2.29	<2	<0.5
E059154		0.05	0.7	1	0.14	10	7	9.9
E059155		0.05	1.05	5	0.24	12.2	5	18.6
E059156		0.12	0.24	95	0.38	10.9	61	12.1
E059157		0.05	0.86	5	0.31	12.3	6	18.4
E059158		0.1	1.01	12	0.26	11.8	7	23.6
E059159		0.07	1.05	5	0.19	11.9	6	22.7
E059160		1.09	0.35	196	0.21	20	46	10.3
E059161		0.03	4.78	4	0.96	57.8	5	89.6
E059162		0.02	5.2	3	0.56	58.8	6	85.4
E059163		0.02	5.73	3	0.55	71.2	5	84
E059164		0.24	0.41	171	0.32	16.45	35	9
E059165		0.16	0.35	111	0.69	12.2	49	7.7
E059166		0.08	0.38	69	0.54	17.9	25	5.8
E059167		0.03	4.71	9	0.82	87.7	4	93.7
E059168		3.25	11.1	158	0.3	42.1	88	26.7
E059169		0.06	5.3	8	0.58	66	<2	86.5
E059170		0.02	5.11	6	0.81	62.5	<2	96

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
E059171		2.85	0.03	4.21	0.8	<0.2	<10	60	3	0.03	0.57	0.15	67.8	13.2	132	7.71
E059172		4.17	0.07	0.12	0.8	<0.2	<10	10	4.63	0.24	0.23	<0.01	56.1	2.9	11	0.06
E059173		3.07	0.05	0.1	0.9	<0.2	<10	10	3.97	0.27	0.19	<0.01	61.6	4.7	5	<0.05
E059174		3.40	0.06	0.11	1	<0.2	<10	10	4.62	0.3	0.22	<0.01	60	2.6	5	<0.05
E059175		1.72	0.07	0.1	0.9	<0.2	<10	10	4.31	0.15	0.17	<0.01	50.3	2.4	7	<0.05
E059176		2.55	0.06	0.19	0.8	<0.2	<10	10	4.49	0.14	0.3	<0.01	60.1	3.5	10	0.13
E059177		4.85	0.03	2.75	0.8	<0.2	<10	60	0.74	0.07	0.84	0.01	37.4	17.8	59	4
E059178		4.61	0.08	2.21	2.1	<0.2	<10	30	0.38	0.12	1	0.02	13.6	60.6	16	0.65
E059179		4.38	0.02	1.7	0.9	<0.2	<10	60	0.35	0.04	0.85	0.02	11.55	24.8	16	2.03
E059180		5.09	0.02	2.66	1.1	<0.2	<10	80	0.52	0.09	1.23	0.01	8.76	28	35	7.83
E059181		2.77	0.08	1.78	1.1	<0.2	<10	80	0.57	0.25	1.27	0.02	13.1	17.8	28	3.24
E059182		2.89	0.04	1.48	1.6	<0.2	<10	20	0.38	0.32	1.23	0.02	17.4	23.8	6	0.4
E059183		4.71	0.06	1.95	1.4	<0.2	<10	170	0.45	0.32	1.42	0.02	15.1	24.9	19	7.05
E059184		4.46	0.07	2.28	1.2	<0.2	<10	120	0.56	0.36	1.81	0.11	14.4	18.6	18	14
E059185		4.79	0.04	2.86	1.3	<0.2	<10	40	0.28	0.09	1.34	0.01	9.73	22.9	30	1.65
E059186		4.42	0.03	2.95	0.9	<0.2	<10	30	0.35	0.04	1.12	0.05	11	20.2	28	0.32
E059187		4.49	0.01	2.8	1.2	<0.2	<10	20	0.24	0.03	0.78	0.01	11.35	24	17	0.21
E059188		0.02	1.79	2.32	5.8	<0.2	<10	50	0.53	5.16	0.45	0.1	57.5	18.7	33	0.92
E059189		2.90	0.04	2.42	2.5	<0.2	<10	10	0.39	0.11	1.03	0.04	18.05	28.7	51	1.69
E059190		2.24	0.05	1.43	1.8	<0.2	<10	70	0.52	0.15	0.64	0.02	28.8	19.3	22	1.31
E059191		3.84	0.02	0.54	0.7	<0.2	<10	40	0.25	0.06	0.25	<0.01	23.7	9.1	2	0.74
E059192		2.93	0.04	1.82	2.3	<0.2	<10	40	0.7	0.12	0.74	0.01	25.8	25	20	0.69
E059193		3.86	0.04	0.18	0.7	<0.2	<10	10	5.96	0.2	0.25	0.08	50	2	6	0.11
E059194		2.99	0.03	0.13	0.7	<0.2	<10	10	4.12	0.12	0.09	0.29	53.4	2.6	4	0.11
E059195		1.96	0.1	0.1	1	<0.2	<10	<10	5.13	0.38	0.06	0.17	47.2	2.5	4	0.09
E059196		3.66	0.12	0.12	1.3	<0.2	<10	10	5.41	0.57	0.12	1.07	47	8.3	4	0.11
E059197		3.53	0.02	2.9	1.2	<0.2	<10	20	0.64	0.06	1.08	0.04	26.1	27.3	39	3.17
E059198		3.17	0.03	1.65	1.1	<0.2	<10	50	0.34	0.08	0.91	0.01	12.6	22.6	17	0.48
E059199		3.14	0.12	2.29	1.9	<0.2	<10	20	0.27	0.06	1.07	0.01	14.1	25.2	10	0.25
E059200		4.53	0.02	0.84	0.5	<0.2	<10	50	0.69	0.07	0.26	0.01	39.8	2.3	2	0.53
E059201		3.89	0.03	0.53	0.5	<0.2	<10	40	0.48	0.09	0.14	0.01	34.3	3.5	2	0.43
E059202		2.56	0.07	1.57	1.1	<0.2	<10	50	0.42	0.12	0.75	0.02	24.2	16.7	39	0.43
E059203		4.42	0.02	2.6	1.3	<0.2	<10	30	0.31	0.18	1.29	0.03	13.65	25.5	42	0.9
E059204		4.22	0.02	2.46	1.1	<0.2	<10	30	0.38	0.04	0.94	0.01	19.75	21.4	19	0.33
E059205		3.46	0.02	2.58	0.9	<0.2	<10	20	0.44	0.06	0.78	<0.01	26.5	16	13	0.69
E059206		2.29	0.04	0.94	3.3	<0.2	<10	30	0.56	0.47	0.62	0.03	71.7	6.7	3	0.65
E059207		2.72	0.03	2.44	1.1	<0.2	<10	40	0.61	0.2	0.94	<0.01	30.1	12.6	23	1.4
E059208		4.84	0.08	2.6	1.8	<0.2	<10	90	0.62	0.8	1.36	0.02	25	24.3	52	5
E059209		3.32	0.03	2.81	4	<0.2	<10	150	0.81	0.15	2.64	0.02	29.6	28.2	17	14.45
E059210		2.74	0.01	3.23	0.9	<0.2	<10	160	0.47	0.1	1.97	0.01	25.6	22.1	27	11.75

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059171		7.5	8.45	22.6	0.43	1.04	<0.01	0.256	1.23	30.1	61.2	3.34	823	1.07	0.04	1.03
E059172		34	1.55	1.25	0.09	4.33	0.01	0.024	0.07	22.9	0.5	0.02	81	0.26	0.05	14.45
E059173		7.6	1.59	1.02	0.1	4.31	<0.01	0.018	0.06	26.1	0.3	0.01	73	0.18	0.04	14
E059174		7.3	1.63	1.1	0.09	4.36	0.01	0.019	0.08	24.5	0.2	0.01	85	0.21	0.05	14.3
E059175		9.1	1.38	0.9	0.08	4.65	0.01	0.02	0.07	20.8	0.2	0.01	72	0.22	0.05	14.25
E059176		30.5	2.04	1.68	0.1	4.79	0.01	0.046	0.07	25.2	2	0.08	125	0.28	0.05	12.25
E059177		18.4	6.42	10.15	0.15	0.43	<0.01	0.088	0.48	17.1	34	2.24	606	0.87	0.03	0.4
E059178		12.2	7.49	8.89	0.17	0.3	<0.01	0.032	0.1	8.2	23.9	1.76	681	0.8	0.06	0.27
E059179		55.5	7.56	7.08	0.13	0.24	<0.01	0.023	0.28	4.9	17	1.23	641	0.74	0.06	0.28
E059180		23	4.8	9.56	0.21	0.25	<0.01	0.024	0.64	3.9	33.5	2.46	844	0.19	0.07	0.16
E059181		34.1	5.48	6.87	0.15	0.28	<0.01	0.025	0.44	5.9	23.8	1.36	576	0.33	0.06	0.52
E059182		72.5	4.13	6.64	0.14	0.32	<0.01	0.067	0.08	7.9	18.1	1.03	685	0.48	0.06	0.35
E059183		44.4	4.04	7.33	0.18	0.3	<0.01	0.035	0.67	7	26.1	1.36	646	0.43	0.08	0.32
E059184		109	4.18	8.01	0.36	0.44	<0.01	0.031	1.25	6.7	36.1	1.75	603	0.27	0.06	0.27
E059185		48.4	3.86	7.83	0.12	0.29	<0.01	0.024	0.18	4.2	27.7	2.33	694	0.21	0.05	0.13
E059186		28.7	4.96	8.93	0.13	0.35	<0.01	0.024	0.06	5.1	27.7	2.4	670	0.3	0.05	0.16
E059187		12.5	5.05	9.87	0.12	0.32	<0.01	0.017	0.04	5.1	25.7	2.3	663	0.32	0.07	0.18
E059188		5920	4.2	6.23	0.1	0.57	0.01	0.551	0.33	28.8	17.9	1.19	601	0.37	0.01	0.45
E059189		21.8	5.67	8.69	0.3	0.51	0.01	0.022	0.07	7.9	28.4	2.21	771	0.25	0.06	0.26
E059190		8.1	5.3	4.48	0.12	0.35	0.01	0.025	0.24	12.9	20.4	0.88	403	0.29	0.04	0.45
E059191		8.4	2.41	1.56	0.06	0.2	0.01	0.014	0.16	12	6.2	0.22	106	0.23	0.03	0.95
E059192		26.4	7.62	7.96	0.17	0.4	0.01	0.09	0.15	12	26.6	1.41	481	0.52	0.06	0.35
E059193		8.6	1.63	1.57	0.08	4.23	<0.01	0.04	0.07	20.5	1.8	0.06	112	0.18	0.05	13.2
E059194		7.7	1.57	1.17	0.07	4.1	<0.01	0.035	0.09	21.9	0.3	0.01	95	0.25	0.05	14.4
E059195		14	1.47	0.99	0.07	3.55	<0.01	0.03	0.08	18.7	0.2	<0.01	93	0.17	0.05	14.05
E059196		7.6	1.53	1.04	0.07	4.54	<0.01	0.04	0.08	19.1	0.3	<0.01	93	0.26	0.06	14.9
E059197		19.5	6.84	11.1	0.17	0.3	<0.01	0.092	0.35	12	33.8	2.45	691	1.49	0.04	0.51
E059198		83.5	7.97	5.74	0.1	0.19	<0.01	0.021	0.22	6.1	18.6	1.11	569	1.24	0.05	0.39
E059199		29.7	5.9	7.23	0.15	0.28	<0.01	0.016	0.05	6.7	21.8	1.62	870	0.49	0.06	0.35
E059200		10.1	1.03	2.11	0.05	0.99	<0.01	0.011	0.22	18.6	7.4	0.29	111	0.18	0.03	0.66
E059201		5	1.04	1.7	<0.05	1.22	<0.01	0.009	0.16	15.4	4.7	0.18	113	0.28	0.04	1.14
E059202		17.2	4.3	5.2	0.11	0.58	0.01	0.018	0.15	11.7	14.1	1.04	387	0.33	0.08	0.4
E059203		20.6	4.59	7.37	0.18	0.41	<0.01	0.02	0.18	6.6	21.6	1.97	688	0.26	0.06	0.23
E059204		8.5	5.28	8.86	0.15	0.4	<0.01	0.028	0.06	10.3	18	1.82	389	0.28	0.06	0.26
E059205		3.9	6.52	11.2	0.24	0.48	0.01	0.027	0.11	13.1	24.2	1.91	568	0.29	0.08	0.32
E059206		5.8	2.77	5.12	0.16	1.9	<0.01	0.037	0.17	34.5	10.1	0.44	401	1.03	0.08	3.52
E059207		7.4	6.2	10.45	0.25	0.47	<0.01	0.066	0.22	14.7	23.8	1.68	488	0.19	0.07	0.59
E059208		86.2	5.96	9.07	0.31	0.44	0.01	0.035	0.61	12.5	29.4	1.81	609	0.35	0.08	0.46
E059209		66.8	6.12	9.39	0.44	0.64	0.05	0.035	1.18	13.9	31.4	2.39	679	0.43	0.06	1.18
E059210		59.6	3.29	6.73	0.25	0.48	0.01	0.018	1.07	12.3	35.5	2.55	582	0.21	0.08	0.29

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059171		60.3	810	2.9	147	0.002	<0.01	0.13	20.1	1.1	9.8	9.4	0.05	0.01	6.1	0.383
E059172		1.2	10	13.6	5.8	<0.001	0.04	0.16	1.1	1.1	3.5	1.8	0.12	0.02	19.6	0.03
E059173		1	10	4.7	3.3	<0.001	0.06	0.14	0.3	1.1	3.2	1.5	0.03	0.02	16.9	0.029
E059174		1.1	10	3.3	3.8	<0.001	0.04	0.16	0.4	1.1	3.7	1.8	0.03	0.01	18.3	0.03
E059175		1	10	4	3.9	0.001	0.02	0.16	0.3	1.1	3.8	1.5	0.03	0.01	18.9	0.029
E059176		2.7	30	4.9	4.2	<0.001	0.02	0.21	0.9	1	4	2.2	0.04	0.01	19.6	0.042
E059177		45.6	700	1.7	46.6	0.001	0.05	0.19	11	0.5	2.2	29	0.01	0.02	3.7	0.338
E059178		25.9	920	34.7	8.4	<0.001	0.26	0.25	10.5	0.5	0.5	43.6	0.01	0.04	1.2	0.352
E059179		30.3	740	13.8	22.7	<0.001	0.01	0.26	7.7	0.3	0.4	30.9	<0.01	0.01	1	0.359
E059180		23.3	700	3.7	81.6	<0.001	0.04	0.38	9.1	0.3	0.6	40.2	<0.01	0.01	0.7	0.306
E059181		23.5	680	5.5	48.2	<0.001	0.06	0.38	10.3	0.5	0.7	42.9	0.01	0.04	1.8	0.292
E059182		16.4	820	2.4	7.1	<0.001	0.19	0.31	7.5	0.3	0.4	56.9	<0.01	0.03	1.5	0.245
E059183		14.7	850	8.6	82.6	0.001	0.11	0.46	9.4	0.4	0.5	61.1	<0.01	0.03	1	0.324
E059184		12.8	800	32.4	181	<0.001	0.05	0.44	10.3	0.7	0.5	61.4	<0.01	0.02	1	0.333
E059185		15.1	700	19.9	19.7	<0.001	0.01	0.52	9.2	0.3	0.3	58.4	<0.01	0.01	0.7	0.289
E059186		15.7	750	14.1	4.8	<0.001	<0.01	0.32	10.1	0.3	0.5	53.1	<0.01	0.01	0.9	0.311
E059187		15.1	840	2.6	2.4	<0.001	<0.01	0.2	7.8	0.3	0.4	34.8	0.01	0.01	1.3	0.284
E059188		42.5	660	15.9	19.1	<0.001	0.73	0.98	2.4	7	8	13.9	0.02	0.02	16.5	0.073
E059189		32.2	1070	7.3	10.3	<0.001	0.02	0.31	9.5	0.5	0.7	43.7	0.01	0.02	0.9	0.377
E059190		19.7	540	18	19.6	<0.001	0.09	0.37	6.2	0.5	0.8	29.5	0.01	0.02	2.7	0.366
E059191		5.1	230	6.2	11.4	<0.001	0.03	0.16	2.2	0.3	1.8	12.5	0.01	0.02	6.2	0.147
E059192		16.8	1210	2	11.9	<0.001	0.05	0.32	12.1	0.5	0.9	14.7	0.01	0.01	2	0.393
E059193		1.8	20	6.4	5	0.001	0.07	0.17	0.7	1.2	2.5	2.3	0.04	0.03	19.6	0.04
E059194		0.8	10	16.4	5.8	<0.001	0.19	0.11	0.3	1	2.1	1.7	0.03	0.05	22.1	0.026
E059195		0.8	10	135	5	<0.001	0.24	0.14	0.3	1.1	1.8	1.4	0.03	0.08	20.1	0.023
E059196		0.8	10	11.6	5.4	0.001	0.59	0.13	0.3	1.3	2.1	1.6	0.02	0.13	20.7	0.024
E059197		26.8	1370	2	68.3	<0.001	0.03	0.24	10.4	0.4	1	37.1	0.01	0.01	1.7	0.342
E059198		14.9	1040	4.4	16	<0.001	0.02	0.23	6.1	0.3	0.8	25.9	0.01	0.01	1.1	0.333
E059199		10.6	1430	11.7	4.4	<0.001	0.01	0.35	7.1	0.3	0.4	51	0.01	0.01	1	0.335
E059200		1.5	180	3.4	11.6	<0.001	<0.01	0.13	1.4	0.3	0.7	18	0.01	<0.01	11.1	0.03
E059201		1.7	210	4.2	9.1	<0.001	0.02	0.11	1.1	0.3	0.8	8	0.01	0.01	11	0.048
E059202		25.5	470	4	9.3	<0.001	0.03	0.25	6.4	0.4	0.7	26.2	0.01	0.04	4	0.255
E059203		27.3	890	7.7	16.6	<0.001	0.03	0.41	9.1	0.7	0.4	51.8	<0.01	0.05	1.1	0.348
E059204		11.6	870	3.2	3.6	<0.001	<0.01	0.27	8.4	0.3	0.5	59.2	0.01	<0.01	2.1	0.284
E059205		10.4	1020	3.8	10.7	<0.001	<0.01	0.19	10.8	0.4	1.1	38.1	0.01	0.01	2.8	0.303
E059206		3.3	630	8.9	13.7	<0.001	0.24	0.26	5.9	0.8	2.4	26.3	0.04	0.06	15.9	0.178
E059207		13	780	9	20.6	<0.001	0.03	0.25	11.3	0.5	6.3	53.5	0.02	0.03	3.9	0.308
E059208		25.4	800	14.7	49.3	<0.001	0.35	0.31	10.4	0.9	1.9	61.1	0.01	0.37	2.8	0.364
E059209		16.1	1940	5.1	123	<0.001	0.06	0.63	11.2	0.5	0.7	105.5	0.01	0.02	1.7	0.677
E059210		16.3	1040	4.2	108.5	<0.001	0.01	0.43	8.6	0.3	0.4	157	0.01	<0.01	2.5	0.37

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
E059171		0.77	3.46	151	0.56	54.3	58	35
E059172		0.03	5.54	6	0.84	65.2	<2	117.5
E059173		0.02	5.57	5	0.54	61.7	<2	111
E059174		0.02	5.93	4	0.44	68.9	<2	118
E059175		0.03	5.63	4	0.65	62.3	<2	128
E059176		0.03	6.3	11	0.98	65.3	<2	133.5
E059177		0.3	0.65	95	0.46	20	40	12.4
E059178		0.05	0.23	137	0.4	11.45	34	7.3
E059179		0.17	0.28	119	0.4	9.89	32	6.2
E059180		0.61	0.16	116	0.98	8.91	48	5.5
E059181		0.33	0.3	86	1.3	9.9	31	7.7
E059182		0.04	0.3	82	0.46	10.2	40	7.9
E059183		0.65	0.28	105	0.66	10.95	35	7.2
E059184		1.36	0.3	118	0.78	10.5	33	12.6
E059185		0.15	0.14	94	0.27	8.42	41	7.7
E059186		0.02	0.19	115	0.37	9.67	42	9.7
E059187		<0.02	0.24	122	0.24	9.35	29	9
E059188		0.11	2.31	21	0.46	15.9	102	24.7
E059189		0.07	0.2	124	0.49	11.95	50	11.8
E059190		0.08	0.38	59	0.47	13.9	23	6.9
E059191		0.05	0.49	21	0.63	9.53	7	4.5
E059192		0.06	0.46	114	0.7	18.3	30	8.5
E059193		0.03	6.52	7	0.62	77	<2	107
E059194		0.03	5.43	3	0.58	66.9	6	97.9
E059195		0.03	5.24	2	0.45	67.3	4	84.2
E059196		0.03	5.66	2	0.47	68.9	21	105.5
E059197		0.58	0.45	118	0.59	17.2	34	8.4
E059198		0.09	0.27	129	0.44	9.57	34	5.1
E059199		0.02	0.22	126	0.26	11.5	40	7
E059200		0.05	1.1	5	0.23	19	4	29.3
E059201		0.04	1.05	5	0.19	20.5	2	34.7
E059202		0.04	0.57	72	0.74	14.85	13	15
E059203		0.06	0.25	102	0.61	11.65	22	10.9
E059204		0.02	0.4	106	0.43	11.75	16	11.4
E059205		0.04	0.54	121	0.57	16.6	18	12.6
E059206		0.08	4.32	35	0.69	38.3	11	59
E059207		0.11	1.05	97	0.7	18.85	25	12
E059208		0.27	0.41	109	0.77	13.3	31	11.2
E059209		0.9	0.4	137	1.06	17.95	40	18.4
E059210		0.77	0.42	97	0.35	9.72	33	16.5

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
E059211	3.09	0.02	3.37	3	<0.2	<10	40	0.23	0.04	1.54	<0.01	7.28	29.4	115	17.35
E059212	2.95	0.32	0.2	1.4	<0.2	<10	<10	5.06	0.42	0.16	0.45	65.4	1.8	6	0.21
E059213	3.82	0.38	0.14	1	<0.2	<10	<10	5.3	0.53	0.11	1.04	65.1	1	5	0.09
E059214	3.44	0.39	0.14	3.5	<0.2	<10	<10	4.77	0.52	0.09	0.64	63.4	1.1	6	0.08
E059215	3.91	0.27	0.14	3.2	<0.2	<10	10	4.33	0.41	0.08	1.35	74.9	1.8	6	0.07
E059216	4.62	0.15	0.26	3.1	<0.2	<10	10	4.76	0.49	0.1	0.02	97.1	5.5	4	0.23
E059217	1.69	0.87	0.32	6.6	<0.2	<10	10	5.23	2.5	1.06	0.39	76	12.5	3	0.05
E059218	0.67	0.04	3.98	1.1	<0.2	<10	40	1.17	0.45	1.45	0.01	27.4	28.2	148	13.65
E059219	3.67	0.24	0.35	5.6	<0.2	<10	10	3.02	3.51	1.29	0.58	101	17.8	2	0.05
E059220	0.87	0.05	3.69	2	<0.2	<10	40	1.42	0.36	1.37	0.01	37.4	20.5	133	6.18
E059221	0.98	0.1	0.22	4	<0.2	<10	10	5.53	0.67	1.13	<0.01	65	5.6	2	0.06
E059222	0.84	0.07	3.76	4	<0.2	<10	30	1.59	0.14	1.46	<0.01	46.9	27.4	127	7.13
E059223	1.84	0.05	0.39	1.1	<0.2	<10	10	5.61	0.03	0.91	<0.01	37.8	2.8	7	0.17
E059224	3.82	0.1	2.25	12.2	<0.2	<10	40	0.6	0.44	1.32	0.66	42.7	16.5	47	4.07
E059225	0.89	0.18	0.71	24.7	<0.2	<10	20	4.25	1.38	1.02	0.11	87.5	8.4	13	1.11
E059226	3.19	0.02	0.72	0.6	<0.2	<10	20	2.99	0.03	0.84	<0.01	27.2	2.1	12	1.33
E059227	0.66	<0.01	0.03	2	<0.2	<10	10	<0.05	<0.01	>25.0	<0.01	1.1	0.7	<1	0.06
E059228	3.60	0.03	3.59	9.3	<0.2	<10	70	0.85	0.49	1.75	<0.01	48.3	21.3	75	10.95
E059229	3.87	0.04	0.31	0.6	<0.2	<10	10	2.84	0.03	0.57	<0.01	37.2	1.2	7	0.15
E059230	3.85	0.03	0.84	0.8	<0.2	<10	10	2.82	0.04	0.36	<0.01	36	1.9	10	0.45
E059231	2.87	0.04	5.29	2	<0.2	<10	140	0.82	0.04	0.47	<0.01	60.3	15.4	105	15.2
E059232	3.58	0.17	0.42	34.7	<0.2	<10	10	1.15	0.37	0.62	<0.01	51.5	58	4	0.18
E059233	4.69	0.18	0.47	49.2	<0.2	<10	10	0.69	0.38	0.74	0.01	27	52.4	4	0.22
E059234	4.56	0.18	0.25	46.8	<0.2	<10	10	1.41	0.36	0.45	0.02	46.2	23.2	5	0.12
E059235	2.79	0.08	0.27	48.4	0.2	<10	10	1.39	0.53	0.45	0.05	51.8	25.9	4	0.11
E059236	4.12	0.02	5.07	4.2	0.2	<10	50	0.59	0.07	1.42	0.01	29.7	26	160	10.75
E059237	1.13	0.03	1.3	55.6	0.2	<10	20	0.2	1.53	1.14	0.02	32.7	19.3	22	1.11
E059238	3.30	0.01	2.27	6.6	0.2	<10	40	0.49	0.24	1.1	0.02	49.5	9.1	10	1.12
E059239	2.19	0.01	1.98	1.5	0.2	<10	100	0.39	0.19	0.8	0.02	36	12.6	13	2.89
E059240	4.84	0.01	2.06	1	0.2	<10	150	0.47	0.07	0.74	0.02	33.1	8.9	7	3.06
E059241	4.36	0.02	1.72	28	0.2	<10	40	0.37	1.12	2.25	0.02	36.6	16.5	15	1.95
E059242	3.53	0.01	1.91	2.3	0.2	<10	100	0.42	0.22	0.66	0.01	38.3	10.4	9	1.89
E059243	4.42	0.02	1.94	6.1	0.2	<10	70	0.41	0.43	0.88	0.06	41.5	12.4	9	1.13
E059244	3.88	<0.01	1.91	1.8	0.2	<10	100	0.43	0.24	1.08	0.01	36.9	8.5	9	1.66
E059245	4.91	0.01	2.22	1.4	0.2	<10	140	0.45	0.1	0.94	0.01	33.8	10.4	10	3.38
E059246	4.51	0.01	2.17	1.4	0.2	<10	100	0.41	0.06	1.44	0.01	20.7	9.9	8	1.46
E059247	4.02	0.01	1.99	3.5	0.2	<10	120	0.39	0.19	1.12	0.02	20.1	11.8	8	1.63
E059248	4.94	0.01	2.23	2.4	0.2	<10	130	0.4	0.16	1.51	0.02	16.6	18.5	13	2.36
E059249	4.32	0.01	2.35	2.4	0.2	<10	70	0.4	0.08	1.65	0.02	13.35	17.2	11	0.95
E059250	4.22	0.01	2.36	2.4	0.2	<10	80	0.37	0.1	1.41	0.02	13.85	18.6	12	1.81

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059211		59.1	3.94	6.11	0.13	0.28	<0.01	0.018	0.93	3.1	38.9	2.82	656	0.32	0.12	0.14
E059212		10.1	1.47	1.62	0.09	5.17	0.01	0.084	0.09	28.2	1.6	0.06	143	1.15	0.06	14.25
E059213		5.9	1.32	1.12	0.09	5.09	0.01	0.08	0.08	28.8	0.6	0.02	101	1.05	0.06	15.3
E059214		6.8	1.33	1.21	0.09	4.98	0.01	0.06	0.07	28.2	0.7	0.02	105	1.05	0.07	14.15
E059215		5.7	1.42	1.31	0.1	4.15	<0.01	0.081	0.06	32.8	1	0.03	114	0.83	0.05	14.45
E059216		8.8	1.34	3.5	0.15	3.85	<0.01	0.092	0.08	42.7	2.9	0.11	159	0.81	0.07	13.4
E059217		307	1.47	3.97	0.13	4.61	0.01	0.243	0.03	33.4	4	0.18	247	0.41	0.07	10.65
E059218		55.1	5.68	13.3	0.23	0.93	<0.01	0.155	0.97	13.6	75.9	3.72	1515	0.14	0.07	0.59
E059219		124.5	1.58	3.53	0.12	5	0.01	0.155	0.01	44.8	4.5	0.18	286	0.42	0.09	12.55
E059220		50.4	5.97	17.1	0.26	1.58	0.01	0.201	0.47	16.9	68.6	3.57	1745	0.14	0.09	1.19
E059221		14.4	1.27	2.15	0.09	4.24	0.01	0.054	0.07	28.8	2.6	0.09	180	1.29	0.06	13.15
E059222		75.3	5.92	13.85	0.27	1.48	0.01	0.094	0.28	22.8	97.5	3.47	1695	1.12	0.1	0.75
E059223		2.8	1.54	3.16	0.08	5.92	<0.01	0.011	0.08	15.4	6.6	0.18	140	0.37	0.05	8.39
E059224		27.7	3.75	6.72	0.1	0.98	<0.01	0.029	0.42	20.5	32.2	1.62	685	0.9	0.04	0.46
E059225		14.7	1.87	4.1	0.09	3.37	0.01	0.037	0.12	31	21	0.37	242	11.8	0.06	5.79
E059226		2.8	2.24	4.37	0.09	5.59	<0.01	0.024	0.33	11.1	10.2	0.3	202	0.77	0.05	4.5
E059227		1.3	0.11	0.11	<0.05	0.03	<0.01	<0.005	0.01	1.2	0.4	1.36	107	0.05	0.01	0.65
E059228		28	6.22	11.8	0.22	0.97	<0.01	0.043	1.51	22.5	49.3	2.61	705	0.82	0.05	0.27
E059229		3.1	1.54	2.35	0.06	5.72	<0.01	0.012	0.11	15.2	3.8	0.09	95	0.39	0.05	6.45
E059230		3.3	2.63	3.9	0.07	6.01	<0.01	0.02	0.2	14.8	11	0.28	169	0.7	0.06	2.69
E059231		1.5	10.5	21.9	0.44	1.31	<0.01	0.049	3.93	28.2	79.1	3.07	388	0.62	0.05	0.42
E059232		5.8	1.93	2.8	0.07	4	<0.01	0.037	0.16	22.3	6.2	0.16	199	3.24	0.06	6.59
E059233		13.2	2.19	3.38	0.06	4.02	<0.01	0.039	0.17	11.6	5.9	0.18	187	4.11	0.05	5.86
E059234		16.1	1.68	1.77	0.06	4.56	<0.01	0.024	0.12	19.4	2.2	0.06	108	4.08	0.07	11.65
E059235		10	1.72	2.51	0.07	4.47	0.01	0.035	0.09	22.2	2.6	0.08	137	4.18	0.06	12.85
E059236		9.5	8.26	15	0.23	0.58	<0.01	0.05	1.96	13.6	51.4	4.18	540	1.58	0.05	0.24
E059237		19	4.53	5.44	0.11	0.53	0.01	0.012	0.2	15.6	10	0.96	224	2.32	0.08	0.54
E059238		5.3	4.08	9.11	0.12	0.64	<0.01	0.029	0.25	23.1	15.7	1.48	268	0.32	0.07	0.62
E059239		38.1	3.31	7.2	0.11	0.65	0.01	0.023	0.69	17.4	17	1.23	447	1.43	0.05	0.56
E059240		27.4	3.22	7.23	0.09	0.53	0.01	0.021	0.77	15.5	17.8	1.29	506	0.22	0.05	0.59
E059241		25.3	4.25	9.23	0.18	0.61	0.01	0.031	0.31	17.5	15.5	1.32	655	0.18	0.08	0.74
E059242		25.2	3.18	6.85	0.1	0.68	0.01	0.024	0.52	17.8	14.9	1.09	470	0.2	0.06	0.7
E059243		31	3.64	8.15	0.11	0.67	0.01	0.028	0.33	19.4	16.3	1.24	457	0.84	0.06	0.74
E059244		22.4	3.38	7.51	0.1	0.67	<0.01	0.027	0.55	17.5	17.3	1.15	406	0.69	0.06	0.64
E059245		6.7	4.55	8.57	0.13	0.52	<0.01	0.025	1.01	15.8	23.3	1.47	399	0.14	0.05	0.4
E059246		3.6	4.21	8.49	0.11	0.46	<0.01	0.025	0.53	9.3	17.8	1.62	492	0.2	0.07	0.38
E059247		16.1	3.93	7.8	0.12	0.49	<0.01	0.022	0.59	8.9	17.5	1.45	464	0.29	0.06	0.52
E059248		11.6	4.39	7.98	0.11	0.49	0.01	0.018	0.72	7.3	16.9	1.81	557	0.23	0.07	0.35
E059249		58.6	4.75	9.18	0.15	0.53	0.01	0.016	0.31	6	15.5	1.99	638	0.3	0.08	0.36
E059250		12.1	5.05	9.47	0.16	0.53	<0.01	0.015	0.48	6.1	16.7	2.09	674	0.26	0.09	0.35

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059211		86.8	380	10.2	131.5	<0.001	0.03	0.24	3.8	0.4	0.5	40.3	<0.01	<0.01	0.4	0.376
E059212		1.8	10	63.6	5.4	<0.001	0.92	0.12	1	1.4	2.8	2.9	0.04	0.29	20	0.033
E059213		0.9	10	27.2	3.9	<0.001	0.94	0.1	0.9	1.3	3.2	2.2	0.03	0.36	19.3	0.032
E059214		1	10	58.5	3.2	<0.001	0.99	0.13	0.8	1.3	3.3	2.2	0.03	0.44	20	0.03
E059215		1.1	10	35.8	2.4	<0.001	0.93	0.14	0.9	1.3	2.4	2.7	0.03	0.3	19.4	0.028
E059216		2.1	20	15.9	8	<0.001	0.38	0.15	3.8	1.5	3	4.3	0.3	0.12	20.4	0.036
E059217		2.6	50	44.4	1.2	<0.001	0.29	0.13	1.1	3.6	4.3	7.1	0.07	0.42	19.4	0.036
E059218		94.9	350	3.9	129	<0.001	0.01	0.34	9.7	1	1.5	53.5	0.03	0.03	4.5	0.46
E059219		2.7	10	16.7	0.5	<0.001	0.36	0.14	1.4	2.9	3	6.9	0.08	0.45	27.8	0.051
E059220		91.3	310	2.9	58.1	<0.001	0.05	0.29	10.1	0.9	2.7	48	0.05	0.04	6.7	0.405
E059221		2.3	10	2.8	2.9	<0.001	0.51	0.22	1	1.3	2.6	6	0.04	0.15	17.4	0.038
E059222		83.9	430	3.5	32.8	<0.001	0.08	0.57	14.4	0.9	2	72.7	0.03	0.02	6.3	0.467
E059223		3.5	50	2.6	6.9	<0.001	0.02	0.22	1.4	1	2	4.9	0.06	0.01	16.2	0.069
E059224		35	650	116	34.3	<0.001	0.24	0.49	5.4	0.5	0.8	24.8	0.01	0.04	6.3	0.248
E059225		9.8	110	17.5	13.2	<0.001	0.67	0.52	2.8	1.1	2	11	0.03	0.12	14.5	0.092
E059226		6.9	120	1.4	33.2	<0.001	0.01	0.09	3.6	0.8	1.6	4.8	0.11	<0.01	18.1	0.057
E059227		1.7	80	0.2	1.1	<0.001	<0.01	<0.05	0.3	0.2	<0.2	78.8	<0.01	0.01	0.2	<0.005
E059228		49	1520	3.2	146.5	<0.001	0.16	0.29	11.9	0.5	2.5	45.5	0.01	0.02	6	0.354
E059229		3.1	50	4.2	10	<0.001	0.01	0.1	1.1	0.7	1.5	2.7	0.03	<0.01	19.2	0.027
E059230		5.6	90	2.8	22	<0.001	0.01	0.11	1.6	0.8	1.5	3	0.04	<0.01	18.7	0.038
E059231		50.5	700	0.8	411	<0.001	0.07	0.12	17.4	0.6	11.3	6.4	0.02	0.02	11.9	0.518
E059232		4.4	20	6.5	12.4	<0.001	1.11	0.23	1.1	1.2	0.9	3.6	0.02	0.14	14.9	0.009
E059233		7.4	10	20.9	14.7	<0.001	1.43	0.37	1.2	1	0.7	3.9	0.02	0.16	13.6	0.01
E059234		4.2	10	27.8	7.7	<0.001	1.31	0.41	0.8	1.2	0.7	3	0.02	0.18	17	0.008
E059235		3.6	10	13.8	6.3	0.001	1.34	0.47	1.1	1.6	0.8	3.7	0.03	0.17	19.3	0.007
E059236		95.4	370	1.5	215	0.001	0.1	0.27	21	0.6	4.9	22.4	0.01	0.03	3.4	0.376
E059237		16.9	1120	6.4	19.4	0.001	2.81	0.47	7.2	1.4	2	12.8	0.01	0.14	2.7	0.184
E059238		11	1170	1.6	19	0.001	0.2	0.29	7.8	0.7	1.2	13.1	0.01	0.05	5.7	0.288
E059239		13.4	810	2.4	44.8	0.001	0.05	0.21	5.7	0.8	0.7	41.7	0.01	0.07	5.5	0.278
E059240		8.3	820	1.9	46.9	<0.001	0.01	0.2	5.4	0.8	0.7	43.1	0.01	0.04	5	0.294
E059241		9.9	1090	5.3	21.2	<0.001	1.79	0.79	8.2	1	0.9	59.8	0.01	0.31	4.3	0.258
E059242		9.8	790	1.5	31.6	<0.001	0.07	0.2	5.6	0.6	0.8	29.5	0.01	0.07	6.1	0.277
E059243		8.8	1130	2.9	21.2	0.012	0.32	0.29	6.5	0.7	0.8	26.2	0.01	0.12	5.8	0.28
E059244		8	830	1.4	32.1	0.001	0.07	0.17	6	0.7	1.6	36.7	0.01	0.07	5.7	0.255
E059245		9.4	1070	1.9	62.4	<0.001	0.05	0.22	7.9	0.5	3.1	38.4	0.01	0.04	4	0.336
E059246		6.9	1420	2	24.7	<0.001	0.04	0.22	6.2	0.4	0.9	56.3	0.01	0.02	2.7	0.294
E059247		6.3	1480	3.6	26	<0.001	0.22	0.31	6	0.5	0.7	61.6	0.01	0.07	2.7	0.318
E059248		15.1	1330	3	32.1	<0.001	0.22	0.36	6.6	0.4	0.5	67.1	0.01	0.05	2.3	0.338
E059249		6.8	1680	2.5	13.6	<0.001	0.07	0.25	6.3	0.4	0.5	75.8	0.01	0.03	1.6	0.341
E059250		7.6	1590	2.2	19.8	<0.001	0.16	0.31	6.6	0.4	0.5	64.8	0.01	0.05	1.6	0.361

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
E059211		1.08	0.1	88	0.2	11.2	37	7.4
E059212		0.03	6.11	2	0.46	81.2	104	115.5
E059213		0.02	5.78	1	0.45	79.5	191	110
E059214		0.02	5.81	1	0.47	79	92	108
E059215		<0.02	5.88	1	0.52	78.7	118	89.8
E059216		0.04	5.76	4	0.54	102.5	4	80.8
E059217		0.02	6.33	20	0.88	126	88	99.4
E059218		1.02	1.71	124	0.68	44.7	88	23.8
E059219		0.02	6.82	25	0.78	104	93	108.5
E059220		0.45	2.49	109	1.05	46.7	93	39.8
E059221		0.03	4.83	5	0.46	76.4	<2	94.1
E059222		0.27	1.74	125	0.84	50.6	78	42.2
E059223		0.04	5.59	12	0.28	63.8	<2	135
E059224		0.25	0.9	53	0.36	18.85	166	35.7
E059225		0.13	4	17	0.47	58.8	21	81.5
E059226		0.18	6.06	20	0.2	52.4	3	135
E059227		<0.02	0.13	<1	<0.05	2.51	<2	1.6
E059228		0.86	0.9	114	0.58	19.6	24	38.3
E059229		0.03	5.93	9	0.18	57.9	<2	127.5
E059230		0.14	6.17	16	0.19	62.7	5	143.5
E059231		1.58	1.65	141	0.17	21.4	18	50.8
E059232		0.04	5.11	5	0.31	44.3	4	98.2
E059233		0.03	5.27	4	0.26	34.9	7	95.4
E059234		0.02	5.94	2	0.37	50.9	6	104.5
E059235		0.02	6.5	3	0.46	52.4	23	103.5
E059236		0.73	0.55	149	0.26	15.6	26	17.5
E059237		0.09	0.48	41	0.67	10.85	10	18.2
E059238		0.08	0.7	44	0.51	17.5	8	21.7
E059239		0.24	0.97	41	0.3	13.05	16	21.1
E059240		0.24	0.68	40	0.25	13.55	19	15.5
E059241		0.13	0.57	52	0.56	12.95	26	18.5
E059242		0.18	0.76	32	0.35	15.4	18	20.7
E059243		0.11	0.72	38	0.43	15.85	18	20.2
E059244		0.17	0.7	40	0.3	14.6	13	20.8
E059245		0.27	0.51	58	0.26	13.8	14	14.9
E059246		0.13	0.39	52	0.29	9.83	15	13
E059247		0.15	0.43	50	0.3	9.83	16	13.5
E059248		0.19	0.39	68	0.3	9.1	18	13.8
E059249		0.08	0.35	83	0.29	8.09	21	17
E059250		0.12	0.35	98	0.31	8.59	26	16.4

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
E059251		0.06	0.35	1.15	104	0.3	<10	110	0.76	4.24	0.3	0.14	56.9	64.6	298	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
E059251		458	14.85	3.26	0.19	0.33	0.04	0.061	0.22	27.1	5.2	0.29	596	123	0.05	0.13

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
E059251		498	300	127	16.7	0.003	0.02	11.35	4.8	0.6	0.9	18.1	<0.01	0.04	9.4	0.013

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
E059251		0.26	2.44	25	12	8.32	436	14.3

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MINOTAUR ATLANTIC EXPLORATION LTD.
12 CHARLOIS CT
HALIFAX NS B2W 2R4

Finalized Date: 29-JAN-2009
Account: MIATEX

CERTIFICATE OF ANALYSIS TM09005368

Method	CERTIFICATE COMMENTS
ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Appendix V

Diamond Drill Logs

Minotaur Atlantic Ltd

Diamond Drill Report

PROJECT:	IOCG Nova Scotia	ANGLE:	-70°	DATE BEGAN:	12/2/2008
HOLE NO.:	NS-05-08-01	AZIMUTH:	232°	DATE COMPLETED.:	12/8/2008
NORTHING:	5035216m	DEPTH:	488.50m	LOGGED BY:	Gregg Morris P.Geo.
EASTING:	394595m	CORE SIZE:	NQ	DRILLED BY:	Logan Drilling Group
ELEVATION:	127m	LICENCE:	7587	UTM PROJECTION:	Nad 83 Zone 20
				GRAVITY ANOMALY:	NS-05

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
0	3.00	Overburden boulders and clays							
3.00	10.84	Light gray moderately magnetic weakly foliated lapilli tuff;	98						
		Foliation 45 degrees c.a.; minor thin 1-2mm epidote stringers							
		various angles c.a.; trace sulphides; lower contact sharp 40 degrees;							
		c.a.;							
10.84	17.21	Light green tan fine to medium grained nonmagnetic tuff;	98	E059001	14.00	15.00	1	<0.2	3.6
		trace sulphides; 21.00 Bd 50 degrees c.a; foliation 45 degrees c.a.;		E059002	15.00	16.00	1	<0.2	3.9
		lower contact sharp irregular 55 c.a.;		E059003	16.00	17.21	1.21	<0.2	4.3
17.21	36.33	Light gray green magnetite+ epidote rich gabbro; weak foliation	99	E059004	17.21	18.00	0.79	<0.2	14.7
		55 degrees c.a.; epidote stringers, frequency 4 per meter;		E059005	18.00	19.00	1	<0.2	65.2
		3-5% disseminated magnetite,minor <1%py throughout;		E059006	19.00	20.00	1	<0.2	56.4
		magnetic susceptibility values 9 to 45 SI		E059007	20.00	21.00	1	<0.2	9.9
		lower contact sharp 55 degrees c.a.;		E059008	21.00	22.00	1	<0.2	3.6

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
36.33	43.00	Light green interbedded magnetic lapilli tuff (65%) and tuff (35%);	98	E059009	22.00	23.00	1	<0.2	17.1
		minor epidote alteration (veinlets) throughout; trace sulphides;		E059010	23.00	24.00	1	<0.2	3.8
		39.67 Bd 55 degrees c.a.; Weak foliation 60 degrees c.a.;		E059011	24.00	25.00	1	<0.2	11.5
		magnetic susceptibility values 1.0 to 40 SI		E059012	25.00	26.00	1	<0.2	3.7
		lower contact sharp 55 degrees c.a.;		E059013	26.00	27.00	1	<0.2	9.3
				E059014	27.00	28.00	1	<0.2	14.4
43.00	57.75	Light gray green fine grained magnetite+epidote rich gabbro,	98	E059015	28.00	29.00	1	<0.2	6
		same as above (17.21-36.33);3-5% magnetite disseminated throughout;		E059016	29.00	30.00	1	<0.2	18.3
		epidote stringers with minor hematite and blebs various angles c.a.;		E059017	30.00	31.00	1	<0.2	18.7
		trace sulphides; lower contact sharp 70 degrees c.a.;		E059018	31.00	32.00	1	<0.2	21.1
		magnetic susceptibility values 1.0 to 35 SI		E059019	32.00	33.00	1	<0.2	282
				E059020	33.00	34.00	1	<0.2	320
57.75	63.00	Light gray weakly magnetic foliated lapilli tuff;	98	E059021	34.00	35.00	1	<0.2	10.3
		foliation 60 degrees c.a. throughout; 1-3% disseminated pyrite;		E059022	35.00	36.33	1.33	<0.2	31
		same lapilli tuff as above (3.0-10.84); lower contact sharp 60 degrees		E059023	36.33	37.00	0.67	<0.2	9.5
		c.a.; magnetic susceptibility 0.17 to 4.82 SI		E059024	37.00	38.00	1	<0.2	16.2
				E059025	38.00	39.00	1	<0.2	87.4
63.00	64.71	Light green fine grained weakly magnetic tuff;	98	E059026	39.00	40.00	1	<0.2	26.2
		trace sulphides; lower contact sharp 60 degrees c.a.;		E059027	40.00	41.00	1	<0.2	12.6
				E059028	41.00	42.00	1	<0.2	5.1
64.71	71.92	Light gray weakly magnetic foliated lapilli tuff;	98	E059029	42.00	43.00	1	<0.2	170
		same as above lapilli tuff units (57.75-63.00;3.0-10.84);		E059030	43.00	44.00	1	<0.2	390
		foliation 60 degrees c.a. throughout; trace sulphides;		E059031	44.00	45.00	1	<0.2	15.2
		minor epidote thin stringers; lower contact sharp 65 degrees c.a.;		E059032	45.00	46.00	1	<0.2	633
				E059033	46.00	47.00	1	<0.2	224
71.92	103.12	Light green fine grained weakly magnetic finely laminated tuff;	98	E059034	47.00	48.00	1	<0.2	143
		76.74-82.56 light brown bleached strongly foliated tuff, trace sulphides		E059035	48.00	49.00	1	<0.2	26.4
		87.00 Bd 55 degrees c.a.; 88.39-88.82 light green massive non		E059036	49.00	50.00	1	<0.2	89
		magnetic gabbro, contacts sharp 30 degrees c.a.;		E059037	50.00	51.00	1	<0.2	79.4
		1-2% finely disseminated pyrite parallel bedding planes;		E059038	51.00	52.00	1	<0.2	40.2

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		84.90 Bd 60 degrees c.a.; 95.25 Bd 45 degrees c.a.;		E059039	52.00	53.00	1	<0.2	58.5
		95.50-98.00 blocky broken core section;		E059040	53.00	54.00	1	<0.2	18.7
		lower contact sharp 55 degrees c.a.		E059041	54.00	55.00	1	<0.2	13.2
				E059042	55.00	56.00	1	<0.2	58.8
103.12	110.35	Light green massive weakly magnetic gabbro dyke; trace sulphides;	99	E059043	56.00	57.00	1	<0.2	48.4
		weak foliation 65 degrees c.a.; minor 1-2mm late crosscutting		E059044	57.00	57.75	0.75	<0.2	58.3
		thin carbonate veinlets; lower contact sharp 65 degrees c.a.;		E059045	57.75	59.00	1.25	<0.2	39.1
				E059046	59.00	60.00	1	<0.2	1.9
110.35	111.25	Light green fine grained weakly magnetic finely tuff; same as above	99	E059047	60.00	61.00	1	<0.2	4
		lower contact sharp 65 degrees c.a.;		E059048	61.00	62.00	1	<0.2	6.6
				E059049	62.00	63.00	1	<0.2	10.9
111.25	112.00	Light green massive nonmagnetic gabbro dyke: trace sulphides;	99	E059050	63.00	64.00	1	<0.2	14.2
		weak foliation 55 degrees c.a.; lower contact sharp 70 degrees		E059051	64.00	64.71	0.71	<0.2	8.6
		c.a.		E059052	64.71	66.00	1.29	<0.2	18.4
				E059053	66.00	67.00	1	<0.2	50.4
112.00	115.86	Light green fine grained nonmagnetic finely laminated tuff;	99	E059054	67.00	68.00	1	<0.2	9.7
		same as above (71.92-103.12); trace sulphides;		E059055	68.00	69.00	1	<0.2	18
		113.00 Bd 60 degrees c.a.; lower contact sharp 65 degrees c.a.;		E059056	69.00	70.00	1	<0.2	70.8
				E059057	70.00	71.00	1	<0.2	119.5
115.86	117.48	Light green massive nonmagnetic epidote rich gabbro dyke;	99	E059058	71.00	71.92	0.92	<0.2	23.2
		trace sulphides; lower contact sharp 65 degrees c.a.;		E059059	71.92	73.00	1.08	<0.2	1.7
				E059060	Standard	Min_3		<0.2	>10000
117.48	144.63	Light green gray nonmagnetic finely laminated tuff;	99	E059061	101.00	103.12	2.12	<0.2	26.9
		same as above; minor 1% fine pyrite along Bd planes;		E059062	103.12	105.00	1.88	<0.2	87.2
		120.00 Bd 60 degrees c.a.; 136.00 Bd 55 degrees c.a.;		E059063	128.00	130.00	2	<0.2	23.8
		142.32-142.67 Light green massive nonmagnetic gabbro dyke;							
		sharp contacts 30 degrees c.a.; trace sulphides;							
		lower contact at 144.63 sharp 70 degrees c.a.;							
144.63	154.00	Light green gray magnetic weakly foliated agglomerate	98	E059064	150.00	152.00	2	<0.2	10.9
		(volcaniclastic); foliation 65 degrees c.a.; Light green massive weakly		E059065	152.00	153.00	1	<0.2	34.3

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		magnetic gabbro dyke (19cm); sharp contacts 40 degrees c.a.;		E059066	153.00	153.70	0.7	<0.2	14.3
		trace sulphides with minor local sections 1% pyrite;		E059067	153.70	154.00	0.3	<0.2	2.6
		153.70-154.00 Light green magnetic massive gabbro dyke;		E059068	154.00	156.00	2	<0.2	4.1
		lower contact sharp 35 degrees c.a.;		E059069	156.00	158.00	2	<0.2	9.2
				E059070	158.00	160.00	2	<0.2	2.6
154.00	172.25	Reddish brown hematite rich brecciated (fractured) magnetic	85	E059071	160.00	162.00	2	<0.2	2.9
		granite; blocky broken core throughout; trace sulphides;		E059072	162.00	164.00	2	<0.2	3.1
		165.43-166.58 light green massive magnetic gabbro dyke;		E059073	164.00	165.43	1.43	<0.2	1.8
		trace sulphides, sharp contacts 35 degrees c.a.;		E059074	165.43	166.58	1.15	<0.2	3.6
		lower contact sharp irregular 60 degrees c.a.;		E059075	166.58	168.00	1.42	<0.2	4
				E059076	168.00	170.00	2	<0.2	3.1
172.25	177.31	Light green brecciated magnetic gabbro; angular granite fragmets	98	E059077	170.00	172.25	2.25	<0.2	2.9
		from 172.25-174.15; epidote+carbonate veinlets at various angles		E059078	172.25	174.00	1.75	<0.2	15.3
		c.a.; trace sulphides; lower contact sharp 45 degrees c.a.		E059079	174.00	176.00	2	<0.2	15
				E059080	176.00	177.31	1.31	<0.2	6.2
177.31	180.15	Reddish brown brecciated nonmagnetic hematite rich granite;	85	E059081	177.31	179.00	1.69	<0.2	10.4
		blocky broken core throughout; 1-3% pyrite associated thin late		E059082	179.00	180.15	1.15	<0.2	17.4
		cross cutting fractures; lower contact irregular 45 degrees c.a.;		E059083	180.15	181.00	0.85	<0.2	3.3
		same as above granite 154.00-172.25		E059084	181.00	182.81	1.81	<0.2	172.5
				E059085	182.81	185.00	2.19	<0.2	54.6
180.15	182.81	Light green gray nonmagnetic finely laminated tuff;	98	E059086	Blank	AN-99		<0.2	1.1
		1-2% pyrite parallel bedding planes; 181.00 Bd 50 degrees c.a.;							
		lower contact sharp 45 degrees c.a.;							
182.81	208.42	Light green massive nonmagnetic epidote rich gabbro;	98	E059087	206.00	208.42	2.42	<0.2	85.6
		minor 1-3mm carbonate+quartz veinlets various angles c.a.;		E059088	208.42	210.00	1.58	<0.2	10
		206.40-207.22 quartz+epidote vein (3cm) parallel c.a.;		E059089	210.00	212.00	2	<0.2	8.1
		trace sulphides; lower contact sharp 45 degrees c.a.;		E059090	212.00	214.00	2	<0.2	4.7
				E059091	214.00	216.00	2	<0.2	7.9
208.42	220.90	Reddish brown brecciated (fractured) magnetic hematite rich granite;	85	E059092	216.00	218.00	2	<0.2	5.3

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		1-2% pyrite associated with thin late cross cutting fractures various		E059093	218.00	220.00	2	<0.2	4.8
		angles to c.a.; blocky broken core sections throughout;		E059094	220.00	220.90	0.9	<0.2	7.6
		212.00-212.75 quartz vein brecciated (1.5cm) parallel c.a.;		E059095	220.90	222.8	1.9	<0.2	33
		lower contact sharp 45 degrees c.a.;							
220.90	229.28	Light green medium grained massive magnetic gabbro;	98						
		trace sulphides; 222.80-224.15 light green nonmagnetic							
		finely laminated tuff; sharp contacts 35 degrees c.a.;							
		lower contact 229.28 sharp 65 degrees c.a.;							
229.28	255.00	Light green fine grained nonmagnetic finely laminated tuff;	96	E059096	240.00	242.00	2	<0.2	22.9
		trace sulphides; 241.30 Bd 65 degrees c.a.; 250.75 Bd 45 degrees c.a.;		E059097	259.00	260.57	1.57	<0.2	8.9
		clastic breccias 242.00-242.30;243.64-244.15; 244.45-245.55;		E059098	260.57	262.00	1.43	<0.2	16.8
		blocky broken core 241.67-242.00;250.08-250.73;253.75-254.00;		E059099	262.00	263.05	1.05	<0.2	18
		lower contact sharp 40 degrees c.a.;		E059100	263.05	263.85	0.8	<0.2	4.5
				E059101	263.85	264.42	0.57	<0.2	4.6
255.00	260.57	Light green massive nonmagnetic gabbro; minor late cross	98	E059102	264.42	266.54	2.12	<0.2	9
		cutting quartz veins various angles c.a.; trace sulphides;		E059103	266.54	268.00	1.46	<0.2	12.2
		lower contact sharp 30 degrees c.a.;		E059104	268.00	270.00	2	<0.2	12.8
				E059105	270.00	271.32	1.32	<0.2	56.5
260.57	263.05	Reddish brown nonmagnetic brecciated sulphide rich granite;	98	E059106	271.32	273.00	1.68	<0.2	5.6
		3-5% pyrite associated with quartz filled fractures; lower contact		E059107	282.00	284.00	2	<0.2	111.5
		sharp irregular 20 degrees c.a.;		E059108	284.00	285.00	1	<0.2	73.8
				E059109	285.00	285.50	0.5	<0.2	68.4
263.05	266.54	Light green nonmagnetic massive gabbro: trace sulphides;	98	E059110	285.50	287.50	2	<0.2	7.4
		lower contact sharp irregular 35 degrees c.a.		E059111	287.50	288.50	1	<0.2	5.1
		263.85-264.42 Reddish brown nonmagnetic brecciated granite;							
		3-5% pyrite associated with thin quartz+carbonate veinlet filled							
		fractures; contacts sharp 45 degrees c.a.;							

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
266.54	268.00	Reddish brown nonmagnetic brecciated sulphide rich granite;	98						
		3-5% pyrite associated with quartz filled fractures; lower contact							
		sharp irregular 40 degrees c.a.; same as above 260.57-263.05							
268.00	271.32	Light green weakly magnetic massive gabbro: trace sulphides;	98						
		minor epidote alteration; 269.42-269.66 light green nonmagnetic							
		finely laminated tuff; lower contact sharp 55 degrees c.a.;							
271.32	285.00	Light green gray nonmagnetic finely laminated tuff; minor pyrite	98						
		along bedding planes; 275.50 Bd 50 degrees c.a.;							
		283.00 Bd 25 degrees c.a.; 273.31-274.62 light green massive							
		nonmagneticgabbro; sharp contacts 40 degrees c.a.;							
285.00	287.50	Reddish brown nonmagnetic brecciated granite; 1-2% fine pyrite	98						
		associated with thin quartz veinlets replacing fractures;							
		285.00-285.50 light green massive nonmagnetic gabbro;							
		lower contact sharp 65 degrees c.a.;							
287.50	288.50	Light green gray massive nonmagnetic gabbro; trace sulphhides;	98						
		lower contact sharp 25 degrees c.a.;							
288.50	306.93	Light green gray nonmagnetic finely laminated tuff;		E059112	305.00	306.93	1.93	<0.2	32.1
		trace sulphides; 302.32-303.85 light green massive nonmagnetic		E059113	306.93	309.00	2.07	<0.2	7
		gabbro; trace sulphides; contacts sharp 60 degrees c.a.;		E059114	309.00	310.35	1.35	<0.2	8.8
		lower contact at 306.93 sharp 65 degrees c.a.;		E059115	310.35	311.65	1.3	<0.2	45.2
306.93	333.12	Reddish brown weakly magnetic brecciated hematite rich granite;	85	E059116	311.65	312.18	0.53	<0.2	4.2
		1-3% pyrite associated thin quartz filled fractures; blocky broken		E059117	312.18	313.86	1.68	<0.2	30.9
		core sections; 310.35-311.65 light green massive magnetic		E059118	313.86	316.00	2.14	<0.2	5.3
		gabbro dyke; 312.18-313.86 light green massive weakly magnetic		E059119	316.00	318.00	2	<0.2	5.7
		gabbro dyke; as above; 325.00-325.56 light green massive		E059120	318.00	320.00	2	<0.2	7.7

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		weakly magnetic gabbro dyke; sharp contacts 65 degrees c.a.;		E059121	320.00	322.00	2	<0.2	5.4
				E059122	322.00	324.00	2	<0.2	3.5
333.12	355.51	Light green massive weakly magnetic gabbro;	98	E059123	324.00	325.00	1	<0.2	3.7
		minor thin 1-2mm epidote and carbonate veinlets various angles		E059124	325.00	325.56	0.56	<0.2	46
		c.a.; 350.00- 355.51 3-5% finely disseminated pyrite;		E059125	325.56	327.00	1.44	<0.2	13.5
		lower contact sharp 55 degrees c.a.;		E059126	327.00	329.00	2	<0.2	36
				E059127	329.00	331.00	2	<0.2	64.9
355.51	374.65	Light green fine grained nonmagnetic finely laminated tuff;	98	E059128	331.00	333.12	2.12	<0.2	30.6
		trace sulphides; 362.84-363.64 light green weakly magnetic		E059129	333.12	335.00	1.88	<0.2	70.3
		massive gabbro dyke; sharp contacts 35 degrees c.a.;		E059130	Standard	Min_1		<0.2	446
		370.86-371.59 light green fine grained nonmagnetic gabbro		E059131	350.00	352.00	2	<0.2	2.5
		dyke; 358.00 Bd 55 degrees c.a.; 369.50 Bd 55 degrees c.a.;		E059132	352.00	354.00	2	<0.2	26.7
		371.59-373.29 Light gray green lapilli tuff		E059133	354.00	355.31	1.31	<0.2	57.4
		lower contact sharp 60 degrees c.a.;		E059134	355.31	357.00	1.69	<0.2	27.3
				E059135	374.65	376.00	1.35	<0.2	33.3
374.65	409.18	Light gray green fine to medium grained magnetic epidote rich	98	E059136	376.00	378.00	2	<0.2	31.8
		basalt; 1-3% pyrite associated with thin quartz and epidote		E059137	378.00	380.00	2	<0.2	37.2
		veins and veinlets throughout at various angles c.a.;		E059138	380.00	382.00	2	<0.2	22.1
		lower contact sharp 85 degrees c.a.;		E059139	382.00	384.00	2	<0.2	13.7
				E059140	384.00	386.00	2	<0.2	29
409.18	412.25	Light green magnetic lapilli tuff; trace sulphides;	98	E059141	386.00	388.00	2	<0.2	24.3
		minor late cross cutting carbonate veinelts; lower contact sharp		E059142	388.00	390.00	2	<0.2	15
		85 degrees c.a.;		E059143	390.00	392.00	2	<0.2	29.3
				E059144	392.00	394.00	2	<0.2	17
412.25	417.00	Light green fine grained magnetic finely laminated tuff;	98	E059145	394.00	396.00	2	<0.2	13.9
		trace sulphides; 414.50 Bd 80 degrees c.a.; lower contact sharp		E059146	396.00	398.00	2	<0.2	44.3
		35 degrees c.a.;		E059147	398.00	400.00	2	<0.2	8.6
				E059148	400.00	402.00	2	<0.2	17.8
417.00	488.50	Light green nonmagnetic epidote rich basalt; trace sulphides;	98	E059149	402.00	404.00	2	<0.2	14.9
		weak foliation 65 degrees c.a.; minor epidote blebs and stringers;		E059150	404.00	406.00	2	<0.2	7.9

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		calcite veinlets are various angles throughout section;		E059151	406.00	408.00	2	<0.2	29.2
		430.40-433.12 light gray green massive strongly magnetic gabbro		E059152	408.00	409.18	1.18	<0.2	35.4
		dyke; sharp contacts 60 degrees c.a.; trace sulphides;		E059153	Blank	AN-99		<0.2	0.8
		435.50-437.47 light gray green massive magnetic gabbro dyke;							
		same as above; sharp contacts 60 degrees c.a.;							
		441.10-442.17 light gray green massive weakly magnetic							
		gabbro dyke; trace sulphides; sharp contacts 60 degrees c.a.;							
		458.57-464.69 light gray green fine grained massive magnetic							
		gabbro dyke; trace sulphides; sharp contacts 50 degrees c.a.;							
		485.70-488.50 light green fine grained nonmagnetic tuff;							
488.50		E.O.H. Down Hole Survey Data							

DEPTH(m)	AZIMUTH	DIP
11	232°	-69°
50	232°	-70°
101	236°	-72°
152	237°	-73.6°
200	240°	-74°
251	245°	-75°
302	244°	-75°
350	244°	-76°
401	246°	-76°
452	248°	-77°

Standard and Blank Samples

Code	Standard	StandardID
Min_1	OREAS43P	Au73ppb
Min_3	OREAS94	Cu1.4%
AN-99	Blank	Qzt Pebbles

Minotaur Atlantic Ltd

Diamond Drill Report

PROJECT:	IOCG Nova Scotia	ANGLE:	-60°	DATE BEGAN:	12/9/2008
HOLE NO.:	NS-05-08-02	BEARING:	243°	DATE COMPLETED.:	12/13/2008
NORTHING:	5034990m	DEPTH:	393.76m	LOGGED BY:	Gregg Morris P.Geo.
EASTING:	394499m	CORE SIZE:	NQ	DRILLED BY:	Logan Drilling Group
ELEVATION:	130m	LICENCE:	7587	UTM PROJECTION:	Nad 83 Zone 20
				GRAVITY ANOMALY:	NS-05

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
0	3.00	Overburden boulders and clays							
3.00	65.00	Tan brown green weakly magnetic lapilli tuff; trace sulphides;	98						
		weak foliation throughout 45 degrees c.a;							
		minor late crosscutting thin epidote veinlets parallel foliation							
		throughout section;							
		blocky broken core sections 3.00-14.00; 23.00-27.00;							
		30.53-31.28 light green massive magnetic gabbro dyke;							
		sharp contacts 55 degrees c.a.;							
		33.00-35.00 Shear Zone 15 degrees c.a.; strongly foliated lapilli							
		tuff; sericite alteration; trace sulphides;							
		late 1-3mm crosscutting specular qzt+ hematite veinlets at 37.50;							
		56.10;and 56.50;							
		45.18-46.70 light green fine grained magnetic gabbro dyke;							
		same as above; sharp contacts 65 degrees c.a.;							
		lower contact at 65.00 sharp 70 degrees c.a.							
65.00	95.35	Light green medium grained magnetic epidote rich gabbro;	98						
		epidote blebs and stringers throughout; no fabric;							

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		80.68-81.08 light gray green fine grained nonmagnetic mafic							
		dyke; trace sulphides; contacts sharp 75 degrees c.a.;							
		91.00-91.10 light gray green fine grained nonmagnetic mafic dyke;							
		sharp contacts 75 degrees c.a.							
		91.30-92.64 light green foliated magnetic lapilli tuff							
		92.64-93.70 light green magnetic gabbro, as above							
		93.70-94.10 light green magnetic lapilli tuff;							
		94.10-95.35 light green magnetic gabbro;							
95.35	117.62	Light yellow strongly altered nonmagnetic lapilli tuff;	98						
		Pervasive sericite alteration throughout; trace sulphides;							
		95.35-99.00 Shear Zone, brecciated strongly altered lapilli tuff;							
		99.00-100.36 light green fine grained unaltered magnetic							
		diabase dyke; sharp contacts 45 degrees c.a.;							
		105.00-105.89 light green fine grained magnetic diabase dyke;							
		sharp contacts 25 degrees c.a.;							
		lower contact at 117.62 sharp 65 degrees c.a.;							
117.62	133.36	Reddish brown strongly brecciated (sheared) nonmagnetic	90	E059154	116.00	117.62	1.62	<0.2	4.5
		granite; trace sulphides; 122.80-123.25 blocky broken core section;		E059155	117.62	120.08	2.46	<0.2	9.8
		120.08-121.56 light green fine grained magnetic epidote rich		E059156	120.08	121.56	1.48	<0.2	27.1
		gabbro dyke; sharp contacts sharp 70 degrees c.a.;		E059157	121.56	123.00	1.44	<0.2	4.2
		124.87 (11cm) light green fine grained magnetic diabase dyke;		E059158	123.00	125.00	2	<0.2	10.3
		127.00-127.43 light green fine grained magnetic diabase dyke;		E059159	125.00	127.00	2	<0.2	4.7
		sharp contacts 65 degrees c.a.;		E059160	127.00	127.34	0.34	<0.2	<0.2
		127.34-133.36 reddish brown magnetic hematite rich granite;		E059161	127.34	129.00	1.66	<0.2	2.9
		trace sulphides; lower contact sharp 30 degrees c.a.;		E059162	129.00	131.00	2	<0.2	4
133.36	148.41	Light green fine to medium grained weakly magnetic basalt;	96	E059163	131.00	133.36	2.36	<0.2	5.2
		trace sulphides; minor this carbonate veinlets throughout;		E059164	133.36	136.00	2.64	<0.2	40.7
		141.95-142.84 light green massive nonmagnetic gabbro dyke;							

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		sharp contact 65 degrees c.a.;							
		144.00-144.56 Fault Gouge,15 degrees c.a. blocky broken core;							
		145.80-146.49 light green weakly magnetic gabbro dyke							
		sharp contact 45 degrees c.a.;							
		146.49-148.41 Shear Zone (mylonite) with gabbro dykes;							
		trace sulphides; foliation 45 degrees c.a.							
148.41	152.76	Light green fine to medium grained epidote rich magnetic basalt:	95	E059165	148.41	151.00	2.59	<0.2	173
		(possible altered gabbro); numerous epidote stringers and blebs		E059166	151.00	152.76	1.76	<0.2	21.8
		throughout; thin 1-2mm carbonate+hematite late crosscutting		E059167	152.76	154.15	1.39	<0.2	8.8
		veinlets throughout at various angles to c.a.;		E059168	154.15	154.58	0.43	<0.2	2.5
		150.00-151.00 blocky broken core;		E059169	154.58	157.00	2.42	<0.2	16.7
		lower contact sharp 65 degrees c.a.;		E059170	157.00	159.30	2.3	<0.2	30.3
				E059171	159.30	160.72	1.42	<0.2	7.5
152.76	169.78	Reddish brown strongly brecciated (fractured) magnetic granite;	85	E059172	160.72	163.00	2.28	<0.2	34
		blocky broken core sections throughout; 1-3% pyrite associated		E059173	163.00	165.00	2	<0.2	7.6
		with thin 1mm crosscutting fractures;		E059174	165.00	167.00	2	<0.2	7.3
		154.15-154.58 dark green weakly magnetic diabase dyke;		E059175	167.00	168.00	1	<0.2	9.1
		sharp contacts 45 degrees c.a.;		E059176	168.00	169.78	1.78	<0.2	30.5
		159.30-160.72 dark green fine grained magnetic diabase dyke;							
		same as above; sharp contacts 15-45 degrees c.a.;							
		lower contact sharp 60 degrees c.a;							
169.78	205.45	Light green medium grained magnetic epidote rich gabbro;	98	E059177	169.78	172.00	2.22	<0.2	18.4
		epidote veins, stringers and blebs throughout at various angles c.a.;		E059178	172.00	174.00	2	<0.2	12.2
		late crosscutting magnetite+hematite stringer stockwork		E059179	174.00	176.00	2	<0.2	55.5
		throughout with thicker veins from 172.00-175.50 (magnetic		E059180	176.00	178.35	2.35	<0.2	23
		susceptibility values 15 to 157 SI) frequency 4 per meter		E059181	178.35	179.57	1.22	<0.2	34.1
		178.35-179.57 dark gray epidote rich mafic dyke;		E059182	179.57	181.00	1.43	<0.2	72.5

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		192.00-194.42 Shear Zone, strongly bleached, foliated altered		E059183	181.00	183.00	2	<0.2	44.4
		gabbro; trace sulphides; minor angular granite clasts;		E059184	183.00	185.00	2	<0.2	109
		sharp contacts 45 degrees c.a.;		E059185	185.00	187.00	2	<0.2	48.4
		196.38-197.00 Shear Zone, epidote replacement, minor qzt veins		E059186	187.00	189.00	2	<0.2	28.7
		sharp contacts 40 degrees c.a.;		E059187	189.00	191.00	2	<0.2	12.5
		201.31-202.41 Shear Zone brecciated, chlorite+magnetite alteration;		E059188	Standard	Min_2		<0.2	5920
		contacts sharp irregular 15 degrees c.a.; 201.89-202.00 blocky		E059189	200	201.31	1.31	<0.2	21.8
		broken core;		E059190	201.31	202.41	1.1	<0.2	6.1
		202.00-204.14 light brown medium grained gabbro dyke;		E059191	202.41	204.14	1.73	<0.2	8.4
		sharp contacts 30 degrees c.a.; trace sulphides;		E059192	204.14	205.45	1.31	<0.2	26.4
		204.14-205.45 Shear Zone,brecciated, magnetite alteration,		E059193	205.45	207.00	1.55	<0.2	8.6
		sharp contact at 205.45 65 degrees c.a.;		E059194	207.00	209.00	2	<0.2	7.7
				E059195	209.00	210.00	1	<0.2	14
205.45	211.88	Orange brown brecciated fractured magnetitic granite;	98	E059196	210.00	211.88	1.88	<0.2	7.6
		1-3% finel dissseminated pyrite+magnetite associated with thin late		E059197	211.88	213.38	1.5	<0.2	19.5
		cross cutting fractures; blocky broken core throughout;		E059198	213.38	214.58	1.2	<0.2	83.5
		lower contact sharp 35 degrees c.a.;		E059199	214.58	216.00	1.42	<0.2	29.7
211.88	223.54	Light green gray medium grained massive epidote rich gabbro;	98						
		trace sulphides; late cross cutting epidote vein stockwork;							
		213.38-214.54 Shear Zone, brecciated, magnetite alteration;							
		sharp contacts 40 degrees c.a.;							
223.54	227.48	Light gray strongly foliated magnetic Shear Zone;	98	E059200	233.00	235.00	2	<0.2	10.1
		foliation 45 degrees c.a.; magnetite+chlorite alteration;		E059201	235.00	237.00	2	<0.2	5
		blocky broken core; lower contact sharp 40 degrees c.a.;		E059202	237.00	238.31	1.31	<0.2	17.2
227.48	237.43	Light green medium grained nonmagnetic strongly altered	98	E059203	238.31	240.12	1.81	<0.2	20.6
		gabbro; trace sulphides; foliation 35 degrees c.a. throughout;		E059204	246.00	248.00	2	<0.2	8.5
		230.35-230.85 Shear Zone, chlorite, blocky broken core;		E059205	248.00	249.45	1.45	<0.2	3.9

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		strong foliation 30 degrees c.a.;		E059206	249.45	250.72	1.27	<0.2	5.8
				E059207	250.72	252.00	1.28	<0.2	7.4
237.43	255.66	Light green magnetic epidote rich mafic agglomerate	98	E059208	252.00	254.00	2	<0.2	86.2
		(volcaniclastic);1-12cm angular clasts granite, volcanic ;		E059209	254.00	255.66	1.66	<0.2	66.8
		trace sulphides; late cross cutting epidote veinlets;		E059210	255.66	257.00	1.34	<0.2	59.6
		238.31-240.12 light green magnetic gabbro dyke with 1-3mm							
		qzt+hem+epidote stockwork; sharp contacts 65 degrees c.a.;							
		240.25-240.50 blocky broke core, shear zone 60 degrees c.a.;							
		243.00-243.15 blocky broke core;							
		249.45-250.72 reddish brown brecciated magnetic granite dyke							
		1-2% finely disseminated pyrite;							
		250.72- 255.66 Shear Zone ,strong foliation 70 degrees c.a.							
		lower contact sharp 50 degrees c.a.;							
255.66	290.29	Light green fine to medium grained massive nonmagnetic gabbro;	98	E059211	289.00	290.29	1.29	<0.2	59.1
		no fabric; minor late 1-2mm cross cutting epidote veinlets		E059212	290.29	292.00	1.71	<0.2	10.1
		various angles c.a., frequency 3 per meter;trace sulphides;		E059213	292.00	294.00	2	<0.2	5.9
		288.10-290.29 light gray green fine grained nonmagnetic		E059214	294.00	296.00	2	<0.2	6.8
		diabase dyke; lower contact sharp 55 degrees c.a.;		E059215	296.00	298.00	2	<0.2	5.7
				E059216	298.00	300.00	2	<0.2	8.8
290.29	325.41	Orange brown medium grained brecciated magnetic granite;	98	E059217	300.00	300.92	0.92	<0.2	307
		same as above granites; blocky broken core sections throughout;		E059218	300.92	301.23	0.31	<0.2	55.1
		1-3% pyrite+magnetite finely disseminated associated with		E059219	301.23	303.20	1.97	<0.2	124.5
		thin micro fractures;		E059220	303.20	303.61	0.41	<0.2	50.4
		blocky broken core sections 293.00-293.75; 294.25-294.75;		E059221	303.61	304.14	0.53	<0.2	14.4
		296.25-297.00;		E059222	304.14	304.53	0.39	<0.2	75.3
		300.92-301.23 light green fine grained nonmagnetic mafic dyke;		E059223	304.53	305.47	0.94	<0.2	2.8
		sharp contacts 50 degrees c.a.;		E059224	305.47	307.18	1.71	<0.2	27.7
		303.20-303.61 light green fine grained nonmagnetic mafic dyke;		E059225	307.18	307.60	0.42	<0.2	14.7

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		sharp contacts 35 degrees c.a.;		E059226	307.60	309.18	1.58	<0.2	2.8
		304.14-304.53 light green nonmagnetic mafic dyke; same as above;		E059227	Blank	AN-99		<0.2	1.3
		sharp contacts 25 degrees c.a.;		E059228	309.18	311.00	1.82	<0.2	28
		305.47-307.18 light green fine grained mafic dyke (basalt?);		E059229	311.00	313.00	2	<0.2	3.1
		sharp contacts 50 degrees c.a.;		E059230	313.00	315.00	2	<0.2	3.3
		307.60-309.18 light green gray fine grained nonmagnetic		E059231	315.00	316.40	1.4	<0.2	1.5
		sharp contacts 40 degrees c.a.;		E059232	316.40	318.00	1.6	<0.2	5.8
		315.00- 316.40 light gray green fine grained nonmagnetic mafic		E059233	318.00	320.00	2	<0.2	13.2
		dyke; trace sulphides; sharp contacts 55 degrees c.a.;		E059234	320.00	322.00	2	<0.2	16.1
		323.18-325.00 light gray fine grained nonmagnetic diabase dyke;		E059235	322.00	323.18	1.18	0.2	10
		sharp contacts 55 degrees c.a.;		E059236	323.18	325.00	1.82	0.2	9.5
		325.00-325.41 Shear Zone, brecciated, silica flooding (quartz);		E059237	325.00	325.41	0.41	0.2	19
		3-5% disseminated pyrite; sharp contacts 60 degrees c.a.;		E059238	325.41	327.00	1.59	0.2	5.3
		lower contact 325.41sharp 55 degrees c.a.;							
325.41	366.25	Light green magnetic to nonmagnetic lapilli tuff (85%) interbedded	98	E059239	340.00	341.00	1	0.2	38.1
		finely laminated nonmagnetic tuff (15%); trace sulphides;		E059240	341.00	343.12	2.12	0.2	27.4
		330.82-333.00 light green fine grained massive nonmagnetic		E059241	343.12	345.26	2.14	0.2	25.3
		gabbro dyke; irregular contacts 55 degrees c.a.;		E059242	345.26	347.00	1.74	0.2	25.2
		343.12-345.26 Shear Zone,brecciated,chlorite, 3-4% finely		E059243	347.00	349.00	2	0.2	31
		disseminated pyrite; sharp contacts 65 degrees c.a.;		E059244	349.00	350.80	1.8	0.2	22.4
		334.75 Bd 25 degrees c.a.; 341.75 Bd 25 degrees c.a.;		E059245	350.80	353.00	2.2	0.2	6.7
		350.80-365.69 light green magnetic epidote rich lapilli tuff;		E059246	353.00	355.00	2	0.2	3.6
		weak foliation 60 degrees c.a.; 1-2% finely disseminated pyrite;		E059247	355.00	357.00	2	0.2	16.1
		358.85-359.02 light gray fine grained nonmagnetic diabase dyke;		E059248	357.00	359.00	2	0.2	11.6
		365.69-366.25 light gray green fine grained magnetic gabbro dyke;		E059249	359.00	361.00	2	0.2	58.6
		sharp contacts irregular 55 degrees c.a.;		E059250	361.00	363.00	2	0.2	12.1
				E059251	Standard	Min_1		0.3	458
366.25	393.76	Light green fine grained nonmagnetic finely laminated tuff;	98						
		trace sulphides; 371.00 Bd 35 degrees c.a.;							

INTERVAL (m)		DESCRIPTION	CORE	SAMPLE	SAMPLE INTERVAL			Au	Cu
FROM	TO		Recovery %	NO.	FROM (m)	TO (m)	Length (m)	ppm	ppm
		379.35-379.87 light green massive nonmagnetic gabbro;							
		sharp contacts 40 degrees c.a.;							
		386.40-386.55 light green massive nonmagnetic gabbro;							
		sharp contacts 55 degrees c.a.;							
		388.00 Bd finely laminated 45 degrees c.a.;							
		392.14-393.67 light green massive nonmagnetic gabbro							
		sharp contacts 50 degrees c.a.;							
393.76		E.O.H.							

Down Hole Survey Data		
DEPTH(m)	AZIMUTH	DIP
50	243°	-60°
101	245°	-62°
152	246°	-63°
200	244°	-63°
251	248°	-63°
302	249°	-64°
350	253°	-64°

Standard and Blank Samples		
Code	Standard	StandardID
Min_1	OREAS43P	Au 73ppb
Min_2	OREAS93	Cu 0.582%
AN-99	Blank	Qzt Pebbles

Appendix VI

Rock Sample Descriptions

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-01	371350	5031070	Center point of gravity anomaly O/C		
AN-01-01	372170	5030846	Light gray green non mganetic metsediments	0.50 to 2.00	
AN-01-02	371843	5030997	Dark gray fine granied magnetic mafic intrusive(gabbro)	11 to 17	2.902
AN-01-03	371744	5031023	Dark gray fine granied magnetic mafic intrusive(gabbro)	3.00 to 6.00	
AN-01-04	371501	5031086	Dark gray fine granied magnetic mafic intrusive(gabbro)	13 to 52	2.963
AN-01-05	371341	5031075	Dark gray fine granied magnetic mafic intrusive(gabbro)	16 to 38	
AN-01-06	371075	5031098	Dark gray fine granied magnetic mafic intrusive(gabbro)	11 to 52	2.973
AN-01-07	367890	5031118	Reddish brown strongly foliated non magnetic granite		2.546
AN-01-08	370429	5030975	Light green non magnetic conglomerate		2.651
AN-1A	356459	5026728	Center point of gravity anomaly O/C		
AN-1A-01	355803	5025991	Light gray sheared shale/siltstone, pink felsic dykes		
AN-1A-02	355692	5025962	Dark gray non magnetic gabbro, epodite alteration		2.912
AN-1A-03	355723	5026490	Reddish brown fine grained non magnetic granite		2.594
AN-1A-04	355661	5026459	Mixture granite/gabbro (hrbrid)		2.766
AN-1A-05	358685	5025754	Light gray non magnetic polymictic conglomerate		2.667
AN-1A-06	359969	5026838	Reddish brown strongly altered(hem) sheared polymictic conglomerate,cpy		2.59
AN-1A-07	361050	5027165	Reddish brown non magnetic siltstone, specular hematite		2.706
AN-01 South	372200	5029900	Center point of gravity anomaly O/C		
AN-02	376370	5032510	Center point of gravity anomaly no O/C		
AN-02-01	376455	5033140	Reddish brown non magnetic siltstone boulder/cobbles (gravel pit)		
AN-02-02	375835	5033071	Light gray magnetic sheared basalt	3.5 to 5.0	
AN-03	377960	5033520	Center point of gravity anomaly no O/C		
AN-03 South	380360	5029900	Center point of gravity anomaly O/C		
AN-03S-01	384287	5031691	Light gray non magnetic quartzite, Fe staining	0.2 to 0.3	2.634
AN-03S-02	384586	5030191	Light gray magnetic and non magnetic (CFZ) shale/siltstone/Hem. Breccia	0.2 to 17.0	
AN-03S-03	381274	5030761	CBZ sheared shale,late cross cutting quartz veins	0.2 to 0.3	2.632
AN-03S-04	382996	5030814	Tectonic breccia, non magnetic	0.2 to 0.3	
AN-03S-05	379603	5030577	Light gray non magnetic quartzite, Fe staining, quartz vein stockwork	0.2 to 0.3	2.578
AN-03S-06	380007	5032123	Light gray non magnetic polymictic conglomerate	0.2	
AN-03S-07	379931	5031883	Light gray non magnetic polymictic conglomerate	0.2	
AN-04	383070	5033790	Center point of gravity anomaly no O/C		
AN-04-01	382747	5034382	possible suboutcrop light gray non magnetic metasediments	0.1	
AN-04-02	385349	5032325	Light gray silicified non magnetic quartzite/conglomerate	0.2	2.66
AN-04S-01	387862	5030848	1-2 kilometer large blueberry field, no outcrop		
AN-05	394670	5035330	Center point of gravity anomaly no O/C		
AN-05-01	394764	5035672	Light gray green non magnetic metsediments	0.25 to.50	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-05-02	394732	5035601	Light gray green non magnetic metsediments	0.25 to.50	
AN-05-03	394663	5035335	Light gray green massive magnetic granodiorite	9.0 to 27.0	
AN-05-04	394665	5035120	Light gray green massive magnetic granodiorite	9.0 to 14.0	
AN-05-05	393592	5035215	Reddish brown non magnetic medium grained granite	0.50 to 1.50	2.614
AN-05-06	394466	5037039	Light green non magnetic siltstone/granite contact		
AN-05-07	394213	5036808	Light reddish brown non magnetic granite		
AN-05-08	394216	5036699	Fault Breccia, strong hematite alteration along fractures, trace sulphides		2.665
AN-05-09	394222	5036656	Light green fine grained non magnetic siltstone		
AN-05-10	394223	5036543	Light green non magnetic siltstone/granite contact		
AN-05-11	394203	5036468	Fault Breccia, strong hematite alteration along fracturestrace sulphides		2.544
AN-05-12	394075	5036312	Well developed joint set reddish brown granite		
AN-05-13	394028	5036149	Fault Breccia, strong hematite alteration replacing granite		2.59
AN-05-14	394004	5035741	Light reddish brown non magnetic granite		
AN-05-15	393933	5035659	Dark gray green gabbro with 2-3cm felsic dykes, no fabric		2.969
AN-05-16	393850	5035622	Orange brown granite with hematite along fractures		
AN-05-17	393830	5035615	Fault Breccia, strong hematite alteration replacing granite		2.569
AN-05-18	393580	5035625	Light brown orange brown massive granite		
AN-05-19	393138	5035637	Light brown orange brown massive granite, as above		
AN-05-20	394915	5034467	Light green fine grained non magnetic siltstone		
AN-05-21	394638	5034582	Light green fine grained non magnetic siltstone		
AN-05-22	394408	5034625	Reddish brown hematized (along fractures) non magnetic granite		2.597
AN-05-23	394243	5034825	Reddish brown hematized (highly fractured) non magnetic granite		2.532
AN-05-24	394267	5034928	Contact Zone (granite and sheared siltstone		
AN-05-25	394597	5035202	Interbedded non magnetic conglomerate/siltstone		
AN-05-26	395120	5033529	Dark gray green massive weakly magnetic gabbro		
AN-05-27	395045	5033516	Reddish brown highly fractured granite		2.619
AN-05-28	394550	5033699	Reddish brown non magnetic granite (hematite along fractures)		2.531
AN-05-29	394447	5034028	Light gray green medium grained granodiorite		2.691
AN-05-30	394390	5034107	Reddish brown hematite rich granite/Cpy along fractures		2.556
AN-05-31	394356	5034140	Reddish brown (strong hematite alteration) medium grained granite		
AN-05-32	394312	5034132	Light green nonmagnetic conglomerate 1-2% disseminated cpy		2.638
AN-05-33	394229	5034102	Light green nonmagnetic conglomerate 1-2% disseminated cpy		2.803
AN-05-34	394192	5034079	Conglomerate/Contact with granite		
AN-05-35	394170	5033961	White strongly foliated non magnetic granite		4.343
AN-05-36	392525	5033200	Light brown medium grained magnetic granite	10.5	2.563
AN-05-37	392434	5033434	Dark gray fine grained non magnetic shale		

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-05-38	392469	5033451	Light gray fine grained weakly magnetic siltstone	5.8	2.656
AN-05-39	392424	5033608	Light orange brown weakly magnetic sheared (foliated) granite		
AN-05-40	392382	5033634	Reddish brown strongly fractured non magnetic hematite rich granite		
AN-05-41	392250	5033906	Dark gray green non magnetic massive gabbro		
AN-05-42	392326	5034184	Light orange brown medium grained granite		
AN-05-43	392847	5033964	Light orange brown medium grained granite, minor hem. Along fractures		
AN-05-44	392894	5033620	Light ornage brown magnetic medium granied granite	6.4	2.603
AN-05-45	392897	5033495	Reddish brown hematite rich medium grained granite, shear zone	0.2	2.559
AN-05-46	392769	5032877	Light gray fine grained non magnetic well bedded shale		
AN-05 South	393800	5031370	Center point of gravity anomaly no O/C		
AN-05S-01	393588	5031723	Mylonite(sheared ss/shale) Cobequid Fault Zone	0.16	
AN-05S-02	393190	5030956	Mylonite(sheared ss/shale) Cobequid Fault Zone,carbonate alteration	0.16	
AN-05S-03	392760	5031347	Mylonite(sheared ss/shale) Cobequid Fault Zone	0.16	
AN-5A-01	395983	5035095	Light brown gray sulphide rich intermediate felsic tuff, 1-3% py	3	2.702
AN-5A-02	396045	5035118	Dark gray green coarse grained augite magnetic gabbro	22	2.965
AN-5A-03	396232	5035166	Dark gray green coarse grained augite magnetic gabbro	28	2.946
AN-5A-04	397270	5035197	Light green weakly magnetic agglomerate	1.0 to 8.0	
AN-5A-05	398344	5034840	Lighy green white non magnetic granite, Jeffers Brook Pluton	0.2	2.604
AN-5A-06	398253	5035095	Light gray white magnetic folaited granite, Jeffers Brook Pluton	3.0 to 7.0	2.611
AN-5A-07	398209	5035422	White medium grained non magnetic granite, Jeffers Brook Pluton	0.2	2.688
AN-5A-08	398844	5035094	Light green fine grained non magnetic siltstone		
AN-06	403190	5035850	Center point of gravity anomaly no O/C		
AN-06-01	403230	5035803	Light gray non magnetic siltstones	0.15 to 0.70	
AN-06-02	403211	5035504	Pale purple medium grained magnetic basalt	15 to 65	
AN-06-03	403185	5035365	Purple non magnetic vesicular basalt, zeolites?	0.35 to0.50	
AN-06-04	403162	5035316	Purple non magnetic vesicular basalt, as above	0.35 to0.50	
AN-06-05	403160	5035182	Purple non magnetic vesicular basalt, as above	0.35 to0.50	
AN-06-06	401851	5035911	Light pale gray non magnetic siltstones	0.2	
AN-06-07	404649	5031008	Light gray non magnetic quartzite, trace sulphides		
AN-06-08	404622	5031086	Light gray non magnetic quartzite, trace sulphides		
AN-06-09	404662	5031138	Light gray interbedded shale/quartzite, Fe staining, fossils		2.638
AN-06-10	404650	5031296	Dark reddish brown hematite rich rhyolite, trace sulphides		2.621
AN-06-11	404594	5031350	Shear Zone cross cutting reddish brown hematite rich rhyolite		
AN-06-12	404538	5031410	Interbedded non magnetic shale/quartzite spec.hematite		2.56
AN-06-13	404498	5031466	Orange brown granite with magnetite alteration (1-2%)/Shear Zone		2.618
AN-06-14	404498	5031686	Fault Breccia (contact with shale and granite)		2.317

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-06-15	404519	5031929	Granite/gabbro dyke contact		
AN-06-16	404521	5032025	Orange brown non magnetic massive granite		
AN-06-17	405925	5031521	Light orange brown non magnetic granite, hematite along fractures		
AN-06-18	405916	5031664	Dark gray fine grained mafic dyke,1-3% py along faulted contact		2.634
AN-06-19	405889	5031786	Shear Zone, cross cutting reddish brown granite		2.418
AN-06-20	405752	5032368	Light gray finely laminated siltstone, minor Fe Staining		
AN-06-21	405716	5032659	Reddish brown non magnetic granite (hematite along fractures)		
AN-06-22	405970	5032991	Orange brown non magnetic massive granite, hematite alteration		
AN-06-23	406100	5032912	Reddish brown hematite rich granite		2.562
AN-06-24	405945	5032429	Angular boulder (30cmX20cm) on side of road malchite staining, no source		
AN-06-25	406109	5031755	Reddish brown hematite rich granite		
AN-06-26	406932	5031373	Light orange brown medium grained non magnetic granite		
AN-06-27	406960	5031502	Light orange brown medium grained non magnetic granite, as above		
AN-06-28	406966	5031820	Granite+Qzt Vein Stockwork+Cpy/Shale Cpy Blebs Occ H08-003		2.891
AN-06-29	406908	5031925	Dark gray to black fine grained shale 1-2% py		
AN-06-30	406697	5032165	Breccia coarse 1% py blebs		2.564
AN-06-31	406282	5031397	Orange brown medium grained granite minor hematite along fractures		
AN-06-32	406193	5032940	Reddish brown medium grained granite minor hematite, as above		
AN-06-33	406828	5033279	Reddish brown medium grained granite minor hematite, as above		
AN-06-34	406378	5033307	Reddish brown medium grained granite minor hematite, as above		
AN-06-35	405531	5031207	Magnetite Boulders that were placed by Tony Barrett in Gravel Pit		4.572
AN-06-36	405617	5031397	Sheared contorted shale, CBFZ, Fe staining		
AN-06-37	405590	5031523	Light gray fine grained shale, 3-5% py+cpy?		3.142
AN-06-38	405571	5031551	Light gray fine grained shale, 3-5% py+cpy?		
AN-06-39	405531	5031611	Orange brown medium grained granite minor hematite along fractures		
AN-06-40	403827	5034433	Reddish brown hematite rich silicified flow banded rhyolite	0.2	2.604
AN-06-41	403916	5034732	Light dark fine grained magnetic gabbro	1.00 to 7.00	2.932
AN-06-42	403938	5034757	Dark gray green non magnetic vesicular basalt (lapilli??)	1.00 to 7.00	2.679
AN-06-43	404004	5034919	Dark green reddish massive magnetic basalt	1.00 to 10	2.854
AN-06-44	404047	5035056	Dark green reddish massive magnetic basalt, as above	1.00 to 50	2.843
AN-06-45	403966	5035328	Light pink white foliated non magnetic rhyolite	0.02	2.612
AN-06-46	403812	5035590	Light gray foliated fine grained non magnetic shale	0.02	2.714
AN-06-47	403740	5035824	Light pink white foliated non magnetic rhyolite, as above	0.02	
AN-06-48	402949	5035163	Light gray green vesicular non magnetic basalt, epodite stringers	0.2	
AN-06-50	402422	5035741	Light green fine grained non magnetic siltstone	0.2	2.695
AN-06-51	402380	5036204	Orange brown non magnetic foliated granite, qzt veins tourmaline	0.2	2.654

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-06-52	402344	5036293	Light gray green vesicular magnetic basalt	1.0 to 5.0	2.807
AN-06-53	402253	5035548	Dark gray green non magnetic vesicular basalt	0.2	
AN-06-54	402327	5035302	Light gray green vesicular magnetic basalt, epodite stringers	19.00 to 27.00	3.018
AN-06-55	402977	5034830	Reddish brown silicified, hematite rich rhyolite	0.2	
AN-06-56	405422	5031879	Light gray sheared shale, wedge within granite 1-3% cpy along cleavage plane		2.609
AN-6S-01	401288	5031296	Strongly foliated shale, Fe staining (CBFZ)		2.647
AN-07	409250	5034130	Center point of gravity anomaly		
AN-07-01	409447	5034114	Dark gray magnetic basalt with hematite stringers	39 to 59	
AN-07-02	409326	5034378	Light pale reddish brown silicified non magnetic rhyolite	0.25 to 0.55	
AN-07-03	409244	5034595	Light pale reddish brown silicified non magnetic rhyolite	0.16	
AN-07-04	409111	5034903	Dark gray non magnetic basalt with specular hematite stringers	0.6	
AN-07-05	409063	5035086	Light pale reddish brown silicified non magnetic rhyolite	0.40 to 0.60	
AN-07-06	409058	5035148	Dark gray magnetic basalt with hematite staining	7.8 to 45	
AN-07-07	409074	5035238	Dark green gray massive weakly magnetic diorite/metavolcanics	2.40 to 4.50	
AN-07-08	409124	5035411	Light green non magnetic flat lying metsediments	0.25 to 0.50	
AN-07-09	409082	5035500	Light green non magnetic flat lying metsediments	0.25 to 0.50	
AN-07-10	410035	5032257	Reddish brown medium grained non magnetic granite	0.60 to 0.80	
AN-07-11	406493	5035392	Reddish brown non magnetic highly fractured rhyolite	0.2	2.585
AN-07-12	406499	5035585	Light gray green purple non magnetic basalt	0.2	
AN-07-13	406434	5035655	Reddish brown non magnetic highly fractured rhyolite	0.2	
AN-07-14	406395	5035935	Light green reddish epodite rich magnetic basalt	1.00 to 3.00	2.844
AN-07-15	406392	5036035	Light gray green fine grained non magnetic siltstone	0.2	2.685
AN-07-16	405991	5035572	Reddish brown non magnetic highly fractured rhyolite, as above	0.2	
AN-07-17	405846	5035472	Dark gray fine grained epodite rich magnetic basalt	1.00 TO 9.0	2.858
AN-07-18	405714	5035459	Dark gray vesicular non magnetic basalt, as above	0.2	
AN-07-19	405706	5035554	Liht green reddish brown fine grained magnetic basalt	2.00 to 37.00	2.847
AN-07-20	405437	5035824	Reddish brown purple weakly magnetic basalt	1.0 TO 2.0	2.827
AN-07-21	405331	5036023	Light reddish brown non magnetic silicified rhyolite	0.2	
AN-07-22	405137	5036194	Light gray non magnetic siltstone	0.2	
AN-07-23	405820	5034492	Light green non magnetic foliated andesite		2.799
AN-08	402670	5041530	Center point of gravity anomaly no O/C		
AN-08-01	402716	5041295	Reddish browm strongly oxidized soils (gravel pit)		
AN-08-02	402429	5040948	Dark green gray weakly magnetic gabbro. Epodite alteration	0.77	3.060
AN-08-03	402422	5040917	Light gray green sheared non magnetic granodiorite,cpy+py 1-2%	0.21	2.562
AN-08-04	402336	5040535	Gray brown weakly magnetic vesicular basalt/contact shale	0.51	2.783
AN-08-05	402355	5040467	Light green fine grained well bedded shale (seashell fossils)	0.5	2.928

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-08-06	402597	5039954	Light green fine grained siltstone	0.17	2.636
AN-08-07	402974	5039537	Reddish brown mudstone and conglomerate	0.11	2.741
AN-08-08	403129	5039540	Reddish brown mudstone and conglomerate		
AN-08-09	403167	5039704	Light green fine grained siltstone		
AN-08-10	404056	5042088	Reddish gray weakly magnetic granodiorite	0.5 to 1.0	2.887
AN-08-11	404271	5042036	Reddish gray weakly magnetic granodiorite, as above	0.5 to 1.0	
AN-08-12	403299	5041261	Dark gray green magnetic to non magnetic gabbro and granodiorite	1.0 to 26.00	2.951
AN-08-13	403312	5041086	Dark gray green magnetic to non magnetic gabbro and granodiorite	1.0 to 23.0	
AN-08-14	403509	5041048	Dark gray green magnetic to non magnetic gabbro and granodiorite	1.0 to 20.0	
AN-08-15	404171	5040965	Rock Quarry granodiorite contact reddish brown brecciated mudstone	0.2	
AN-08-16	405883	5039796	Reddish brown silicified non magnetic rhyolite	0.2	2.545
AN-08-17	403702	5040321	Light gray green fine grained well bedded non magnetic siltstone	0.2	
AN-09	413730	5041160	Center point of gravity anomaly		
AN-09-01	413473	5040937	Rock Quarry gabbro/granite	0.10 to 0.15	2.637
AN-09-02	414014	5040441	Light gray magnetic basalt (shear zone)	3.50 to 5.02	
AN-09-03	414968	5040403	Reddish brown hematite rich felsic agglomerate	0.2	2.554
AN-09-04	414114	5039907	Reddish brown hematite rich rhyolite	0.3	2.868
AN-10	413090	5034350	Center point of gravity anomaly		
AN-10-01	413027	5033902	Flat lying non magnetic metasediments	0.32 TO 0.50	
AN-10-02	413024	5034289	Flat lying weakly magnetic metasediments	2.00 to 8.50	
AN-10-03	413112	5034542	Flat lying weakly magnetic metasediments	2.00 to 9.00	
AN-11	417610	5036230	Center point of gravity anomaly no O/C		
AN-11-01	416359	5034162	Reddish brown weakly magnetic medium grained granite	0.20 to 6.2	
AN-11-02	416479	5034409	Reddish brown non magnetic medium grained granite	0.2	
AN-11-03	416669	5035504	Reddish brown non magnetic medium grained granite	0.6 to 1.10	2.653
AN-11-04	416544	5035702	Reddish brown magnetic medium grained granite	5.0 to 7.0	
AN-11-05	416356	5035984	Contact between granite and light green silstone	0.60 to1.00	2.764
AN-11-06	417094	5034519	Reddish brown non magnetic medium grained granite	1.00 to 1.50	2.578
AN-11-07	417620	5035886	Light gray magnetic massive mafic intrusive	8.0 to 34	2.974
AN-11-08	417575	5036390	Light gray green non magnetic siltstone	0.21 to 0.51	
AN-11-09	415732	5033615	Reddish brown gray medium grained magnetite rich granite	1.00 to 2.0	2.593
AN-11-10	415650	5034081	Orange pink medium grained granite		2.587
AN-11-11	415557	5034369	Reddish orange medium grained granite		
AN-11-12	415490	5034598	Orange brown medium grained granite		
AN-11-13	415374	5034883	Reddish brown medium grained granite, minor hematite along fractures		
AN-11-14	415258	5035158	Reddish brown medium grained granite, hematite along fractures	0.6 to 1.10	2.576

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-11-15	415005	5035477	Orange brown medium grained granite		
AN-11-16	415696	5035580	Orange brown medium grained granite		
AN-11-17	418950	5032461	Folded shale, thin qzt stringers Zn+Pb		2.588
AN-11-18	419315	5032959	Rusty brown Fe rich conglomerate		
AN-11-19	418689	5033896	Orange brown medium grained magnetic granite	2.47	2.627
AN-11-20	419164	5033892	Dark gray green fine grained magnetic gabbro (diabase?) dyke/siltstone	1.00 to 2.15	2.961
AN-11-21	419387	5035034	Dark gray green fine grained magnetic gabbro (diabase?) dyke/siltstone	1.25 to 2.5	
AN-11-22	419368	5035160	Light gray fine grained weakly magnetic siltstone	0.1 to 1.25	
AN-11-23	419745	5034033	Orange brown medium grained non magnetic granite	0.1 to 0.25	
AN-11-24	420781	5034234	Orange brown medium grained magnetic granite	6.0 to 14.0	
AN-11-25	416052	5032582	Light red weakly magnetic rhyolite contact magnetic diabase dyke	50 to 75	2.589
AN-11-26	416242	5032718	Dark gray massive magnetic diabase dyke contact non magnetic siltstone	1.50 to 6.00	
AN-11-27	416405	5032843	Dark gray massive magnetic diabase dyke contact non magnetic siltstone	11.0 to 40.0	
AN-11-28	416151	5033455	Reddish brown medium grained granite	0.1 to 0.30	
AN-11-29	417286	5034425	Dark gray green magnetic gabbro dyke (gabbro?)	15 to 45	3.073
AN-11 South	418880	5031190	Center point of gravity anomaly O/C		
AN-12	420500	5041700	Center point of gravity anomaly no O/C		
AN-12-01	418277	5039761	Red non magnetic strongly altered siltstone	0.25	3.000
AN-12-02	420327	5041854	Light gray medium grained magnetic granodiorite	35-65	
N-12-ROADEN	418233	5040606	End of road to Anomaly 12		
AN-13	424700	5034100	Center point of gravity anomaly		
AN-13-001	424300	5034046	Dark gray medium grained magnetic massive gabbro	10 to 25	2.966
AN-13-002	424860	5034271	Dark gray medium grained magnetic massive granodiorite/gabbro	9 to 17	2.724
AN-13-003	425158	5033701	Orange pink medium grained weakly magnetic granite	1.2 to 3.5	
AN-13-004	423758	5031891	Reddish brown coarse polymictic conglomerate		
AN-13-005	423971	5032018	Reddish brown coarse polymictic conglomerate		2.596
AN-13-006	424104	5032577	Light green fine grained non magnetic shale	0.15	2.673
AN-13-007	424121	5032601	Light reddish brown hematite rich sheared granite 1-2% cpy+py	7.5	2.628
AN-13-008	424129	5032832	Light green gray massive strongly magnetic massive gabbro	45	2.918
AN-13-009	424091	5033191	Light green gray massive strongly magnetic massive gabbro	27	2.818
AN-13-010	424129	5033263	Light green gray massive strongly magnetic massive gabbro		
AN-13-011	425011	5032621	Orange gray (strongly foliated) granite (shear zone)	0.6	2.627
AN-13-012	425045	5032719	Light green fine grained non magnetic siltstone,1-2% pyrite	0.26	2.679
AN-13-013	425073	5032853	Light gray green fine grained siltstone		
AN-13-014	424980	5033029	Mylonite (strongly foliated granite) classic S-C fabric	0.46	2.606
AN-13-015	424920	5033103	Light orange brown medium grained granite		

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-13W-01	422782	5033938	Light gray finely laminated non magnetic metsediments	0.50 to 0.70	2.924
AN-13W-02	423380	5033305	Reddish brown medium grained sheared granite	1.50 to 2.60	2.541
AN-13W-03	423035	5032651	Reddish brown medium grained magnetic sheared granite	28 to 32	2.633
AN-13W-04	423033	5033083	Sub outcrop weakly magnetic hematite rich granite, 1-2% py+cpy??		2.558
AN-13W-05	423049	5033169	Sub outcrop weakly magnetic hematite rich granite		
AN-13W-06	423283	5034623	Suboutcrop light orange brown weakly magnetic minor spec hematite		2.586
AN-14	426100	5034900	Center point of gravity anomaly		
AN-14-01	425969	5036098	Reddish brown medium grained magnetic granite	10 to 14	
AN-14-02	426051	5033000	Light gray sheared magnetic silicified conglomerate 1-3% py+cpy?/Fe staining	80.2	2.842
AN-14-03	426102	5033029	Light gray sheared magnetic silicified conglomerate 1-3% py as above	57.9	2.784
AN-14-04	426094	5033267	Mylonite (strongly foliated granite) classic S-C fabric, spec hematite	0.23	2.658
AN-14-05	426043	5033377	Mylonite (strongly foliated granite) classic S-C fabric, as above		
AN-14-06	425924	5033615	Mylonite (strongly foliated granite) classic S-C fabric, as above		
AN-16	430800	5039700	Center point of gravity anomaly O/C		
AN-16-01	430959	5039858	Light green fine grained non magnetic siltstone	0.10 to 0.25	
AN-16-02	430913	5040185	Dark gray green massive magnetic gabbro	8.01to 12.2	2.961
AN-16-03	430883	5040284	Dark gray green magnetic hybrid (granite/gabbro mixture) contact??	8.1 to 9.50	
AN-16-04	430998	5039661	Light green non magnetic flat lying conglomerate	0.10 to 0.20	
AN-16-05	431133	5039524	Light green to purple non magnetic flat lying conglomerate	0.15 to 0.20	
AN-16-06	430947	5039477	Light green to purple non magnetic flat lying conglomerate, as above	0.15 to 0.20	
AN-16-07	430802	5039485	Light green to purple non magnetic flat lying conglomerate, as above	0.15 to 0.20	
AN-16-08	429979	5039327	Light green to purple non magnetic flat lying conglomerate, as above	0.15 to 0.20	
AN-16-09	431751	5039543	Light green to purple non magnetic flat lying conglomerate, as above	0.15 to 0.20	
AN-16-10	431973	5039626	Dark gray non magnetic shales	0.15 0.20	
AN-16-11	432274	5039712	Dark gray green magnetic massive gabbro(same as AN-16-02)	4.0 to 7.5	
AN-16-12	432377	5039827	Dark gray green magnetic massive gabbro(same as AN-16-02)	5.0 to 9.0	
AN-16-13	433026	5040560	Volcaniclastic with non magnrtic and magnetic clasts	0.15 to 12	
AN-17	432900	5037700	Center point of gravity anomaly O/C		
AN-17-01	432442	5038771	Light green fine grained non magnetic siltstone	0.13 to 0.15	
AN-17-02	432909	5038423	Light green fine grained non magnetic siltstone	0.13 to 0.15	
AN-17-03	432899	5037925	Light green fine grained non magnetic siltstone	0.13 to 0.15	
AN-17-04	432899	5037925	Light green fine grained non magnetic siltstone	0.13 to 0.15	
AN-17-05	432900	5037770	Dark gray green massive magnetic gabbro(dyke?)	2.0 to 5.0	
AN-17-06	432904	5037701	Dark gray green massive magnetic gabbro(dyke?)	3.00 to 10.50	3.062
AN-17-07	432920	5037585	Light green fine grained non magnetic siltstone	0.13 to 0.15	
AN-17-08	432962	5037369	Light green fine grained non magnetic siltstone	0.13 to 0.15	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-18	436000	5040600	Center point of gravity anomaly no O/C		
AN-18-01	436379	5039944	Reddish brown fine grained non magnetic siltstone	0.2	2.745
AN-18-02	436091	5040080	Contact between magnetic diabase dyke and reddish brown siltstone	5.0 to 11	
AN-18-03	436078	5040141	Dark green gray massive weakly magnetic basalt	0.18 to 1.50	
AN-18-04	436284	5040961	Dark green massive weakly magnetic diabase dyke	2.0 to 4.8	2.987
AN-18-05	435396	5040285	Dark gray vesicular magnetic basalt	1.0 to 7.0	2.786
AN-18-06	435337	5040420	Dark gray vesicular magnetic basalt, as above	20 to 32	
AN-18-07	435350	5040532	Reddish brown well bedded non magnetic felsic tuff/agglomerate	0.02	2.706
AN-18-08	435640	5040960	Dark gray green medium grained non magnetic gabbro	0.02	2.924
AN-18-09	436005	5041924	Dark gray green strongly magnetic gabbro	11 to 30	2.770
AN-19	434430	5047930	Center point of gravity anomaly no O/C		
AN-19-01	433610	5047626	Light brown silicified weakly magnetic rhyolite	1.30 to 1.70	
AN-19-02	433260	5047728	Light gray green massive epodite rich magnetic gabbro	3.0 to 11.0	
AN-19-03	433112	5048320	Light green fine grained non magnetic siltstone	0.22 to .40	
AN-19-04	435454	5045163	Breccia coarse 1% py blebs, shear zone	2.47	2.708
AN-19-04A	435454	5045163	Light green magnetic intermediate volcnic (agglomerate)	22	2.724
AN-19-05	434148	5046703	Light gray green medium grained gabbro(sub outcrop)	22.5	2.879
AN-19-06	434408	5047796	Light green weakly magnetic intermediate volcnic (agglomerate),gravel pit	0.77	2.995
AN-19-06A	434408	5047796	Dark gray strongly magnetic diabase dyke/crosscutting agglomerate,gravel pit	39	2.912
AN-19GravelPi	434404	5047695	Center point of gravel pit		
AN-20	436690	5048010	Center point of gravity anomaly no O/C		
AN-20-01	436516	5047038	Light gray fine grained magnetic gabbro	7.1 to 45	
AN-20-02	437043	5047274	Dark gray green magnetic gabbro, epodite along fractures	18.7	2.859
AN-20-03	437178	5047225	Dark gray green magnetic gabbro, epodite along fractures, as above		
AN-20-04	437255	5047517	Dark gray green magnetic gabbro, epodite along fractures, as above	45 to 77	2.951
AN-20-05	436468	5047087	Light gray silicified non magnetic rhyolite, 1-2% py	2.77	2.692
AN-21	437950	5045910	Center point of gravity anomaly O/C		
AN-21-01	437298	5044574	Light gray non magnetic metavolcanic? with malachite staining	0.16 to 0.76	2.618
AN-21-02	437921	5046004	Dark gray massive magnetic gabbro	20 to 36	2.962
AN-21-03	437993	5045969	Dark gray massive magnetic gabbro, center of anomaly.	34 to 58	
AN-22	442600	5045970	Center point of gravity anomaly O/C		
AN-22-01	443112	5045568	Dark gray green massive magnetic gabbro	2.0 to 18	
AN-22-02	442972	5045491	Dark gray green massive magnetic gabbro	4.0 to 12	2.936
AN-22-03	442835	5045390	Dark gray green massive magnetic gabbro	4.00 to 10.0	
AN-22-04	442859	5046814	Light brown medium grained non magnetic granite	0.14 to 0.20	
AN-22-05	442307	5046344	Dark gray green massive magnetic gabbro	6.0 to 24	2.929

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-22-06	442391	5046238	Dark gray green massive magnetic gabbro, as above	3.1 to 55	
AN-22-07	442455	5046158	Dark gray green massive magnetic gabbro, as above	2.00 to 18	
AN-22-08	442592	5045977	Dark gray green massive magnetic gabbro, as above	5.0 to 15	
AN-22-09	442529	5045753	Dark gray green massive magnetic gabbro, as above	30 to 36	
AN-22-10	442071	5045508	Dark gray green massive magnetic gabbro, as above	8.0 to 39	
AN-22-11	441901	5046721	Light gray pink medium grained massive magnetic granodiorite, felsic dyke	8.77	2.892
AN-22-12	441599	5046501	Light gray pink medium grained massive magnetic granodiorite, as above		
AN-22-13	441405	5046349	Light gray pink medium grained massive magnetic granodiorite, as above		
AN-22-14	441130	5046517	Light gray pink medium grained massive magnetic granodiorite, as above	3.1	2.811
AN-22-15	442710	5043635	Light gray pink medium grained massive magnetic granodiorite, as above	24.1	
AN-23	439860	5035670	Center point of gravity anomaly no O/C		
AN-23-01	439768	5036332	Dark gray green fine to medium grained magnetic gabbro	15 to 35	
AN-23-02	439794	5036029	Dark gray green fine to medium grained magnetic gabbro	2.00 to 5.00	2.908
AN-23-03	439708	5036287	Sheared light gray medium strongly magnetic gabbro	10 to 35	
AN-23-04	439484	5036346	Dark gray green fine to medium grained magnetic gabbro	10 to 25	
AN-23-05	439661	5036720	Dark gray magnetic massive gabbro	10 to 20	
AN-23-06	440515	5037052	Light gray massive non magnetic gabbro	0.45 to 0.60	
AN-23-07	441154	5036799	Light gray massive non magnetic gabbro	0.45 to 0.60	
AN-23-08	440964	5036368	Light gray non magnetic finely laminated metasediment	0.10 to 0.20	
AN-23-09	440773	5036203	Light gray non magnetic finely laminated metasediment	0.10 to 0.20	
AN-23-10	441437	5036365	Dark gray magnetic massive gabbro	10 to 12.0	
AN-23-11	442007	5035401	Light gray non magnetic shales (old quarry) massive spec hematite(cpy)	0.10 to 0.15	
AN-23-12	438367	5034580	CBFZ tectonized shale, contorted	0.18	
AN-23-13	438344	5034726	Light gray fine grained weakly magnetic arkose	0.18 to 3.20	
AN-23-14	438295	5034869	Dark gray black fine grained strongly magnetic gabbro, qzt+carb stockwork	150 to 283	2.885
AN-23-15	438444	5035236	Dark gray black fine grained strongly magnetic gabbro, as above	10 to 58	2.975
AN-23-16	438175	5034969	Dark gray medium grained massive magnetic gabbro, no fabric, undeformed	2.0 to 9.0	3.123
AN-23-17	437011	5035393	Dark gray fine-medium grained orange red massive granite	0.25	2.836
AN-23-18	439182	5034863	Light gray strongly foliated sheared magnetic granite	2.84	2.681
AN-23-19	439277	5034832	Light gray strongly foliated sheared magnetic shear zone		
AN-23-20	439309	5034944	Magnetite Breccia, massive magnetite 10-15 diss py+cpy?	250 to 477	3.636
AN-23-21	435329	5034141	Magnetite Breccia, sulphide clasts	9-130	2.857
AN-23-22	435103	5034252	Dark gray to black fine grained magnetic gabbro	2 to 54	2.712
AN-23-23	434988	5034404	Light gray equigranular magnetic granodiorite	3 to 228	
AN-23-24	435046	5034193	Dark gray fine grained magnetic massive gabbro,cross cutting granite dyke	2 to 68	
AN-23-25	439723	5034809	Light brown sheared-folded conglomerate interbedded siltstone		

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-23-26	439919	5034935	Light brown sheared-folded conglomerate interbedded siltstone, as above		
AN-23-27	440177	5035205	Light brown sheared-folded conglomerate interbedded siltstone, as above		
AN-23-28	440172	5035302	Mylonite (CBFZ), granitic dykes foliation parallel, 1-3%py, strong spec. hematite	3.4 to 10.7	2.646
AN-23-29	440162	5035358	Dark gray sheared (CBFZ) magnetic mafic intrusive (gabbro)		
AN-23-30	440165	5035516	Dark gray sheared (CBFZ) magnetic mafic intrusive (gabbro), as above		
AN-23-31	440172	5035626	Dark gray sheared (CBFZ) magnetic mafic intrusive (gabbro)	42	3.029
AN-23-32	440174	5035891	Dark gray sheared (CBFZ) magnetic mafic intrusive (gabbro)	97.3	2.99
AN-23-33	440885	5035475	Light green fine grained interbedded siltstone and shale		
AN-23-34	440820	5035295	Reddish brown Fe rich sandstone		
AN-23-35	441544	5035473	Brown fine grained Fe rich sandstone		
AN-23-36	441349	5035652	Light gray non magnetic sheared shale		
AN-23-37	441351	5035698	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?)	19	
AN-23-38	441308	5035782	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above	0.14	2.822
AN-23-39	441225	5035942	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above		
AN-23-40	441630	5036012	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above	0.14	2.726
AN-23-41	441635	5035924	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above		
AN-23-42	441618	5035835	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above		
AN-23-43	441616	5035771	Mylonite (CBFZ) strongly foliated mafic intrusive (gabbro?) as above		
AN-23-44	441762	5036175	Mylonite (CBFZ) strongly foliated, felsic texture		
AN-23-45	441831	5036492	Dark gray fine grained sheared gabbro, thin qzt+carb stockwork		3.015
AN-23-46	441916	5036741	Light gray-white strongly foliated granodiorite (CBFZ)		
AN-23-47	441835	5037401	Light gray strongly foliated mafic intrusive (gabbro?)		2.926
AN-23-48	439835	5037729	Light brown orange massive magnetic granite	13-Sep	2.638
AN-23-49	440035	5037971	Light brown orange massive weakly magnetic granite		
AN-23-50	440426	5038349	Light brown orange massive weakly magnetic granite, as above		
AN-23-51	441353	5038620	Light gray fine grained shale, Fe staining along cleavage		
AN-23-52	442177	5037911	Dark gray fine grained weakly magnetic gabbro		
AN-24	449590	5037920	Center point of gravity anomaly		
AN-24-001	449541	5038002	Dark gray cherty magnetic metasediments	24 to 60.2	
AN-24-002	449295	5037960	Dark gray cherty magnetic metasediments	64 to 75	3.028
AN-24-003	451319	5036522	Adit Cook Brook Strongly foliated carbonate rich quartzite, cpy along fractures		2.692
AN-24-004	451207	5036789	Adit located north of the adit located at waypoint AN-24-003	0.2	
AN-24-005	450072	5036475	Light brown strongly foliated non magnetic Fe rich quartzite	0.2	2.564
AN-24-006	450061	5036580	Light brown strongly foliated non magnetic Fe rich quartzite/siltstone	0.2	2.679
AN-24-007	450040	5036736	Light purple fine grained non magnetic siltstone/shale	0.2	2.748
AN-24-008	450017	5037021	Light green fine grained non magnetic foliated shale	0.2	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-24-009	449303	5038222	Dark gray black foliated weakly magnetic gabbro	1 to 3	3.134
AN-24-010	450346	5037861	Dark gray black foliated weakly magnetic gabbro, as above	1 to 2	2.915
AN-24-011	450840	5038132	Dark gray black foliated weakly magnetic gabbro contact foliated granite	1 to 2	2.936
AN-25	450040	5038970	Center point of gravity anomaly		
AN-25-001	450178	5038476	Light gray green weakly magnetic massive gabbro	1.00	
AN-25-002	449956	5039007	Dark gray fine grained magnetic metasediments	1.22 to 7.1	
AN-25-003	450373	5039044	Dark gray weakly magnetic diorite		
AN-26	451690	5039900	Center point of gravity anomaly		
AN-26-001	451778	5039809	Light gray fine grained magnetic gabbro	1.51 to 4.21	
AN-26-002	451739	5038563	Dark gray fine grained magnetic gabbro+diorite	8.0 to 26	
AN-26-003	451652	5039343	White medium grained foliated granite/Magnetic Diabase Dykes	19-25	
AN-26-004	451411	5039660	Dark gray fine grained magnetic nmassive Diorite	12 to 15	
AN-26-005	451797	5039724	Light gray non magnetic well bedded Metasediments	0.5	
AN-27-001	460307	5039355	Light gray fine grained weakly magnetic gabbro	0.54 to 0.85	
AN-27-002	460574	5039947	Dark gray fine grained magnetic Diabase Dyke	2.50 to 10	
AN-27-003	460597	5040004	Light gray green fine grained magnetic metavolcanic	1.40 to 50	
AN-27-004	460789	5040473	Light pale green magnetic metavolcanics, pillowed?	50 to 100	
AN-27-005	460829	5040697	Light pale green metvolcanics/crosscutting diabase dykes	20 to 40	
AN-27-006	461307	5040686	Light green massive weakly magnetic gabbro, weak fabric	1.50 to 8.20	
AN-27-007	461514	5040564	Light pale green fine grained magnetic metavolcanics/Diabase Dykes	80 to 85	
AN-27-008	461713	5040060	Light pale green fine grained magnetic metavolcanics/Diabase Dykes	1.0 to 70	
AN-27-009	461649	5039762	White medium grained non magnetic granite	0.25	
AN-27-10	461742	5039666	Pale green weakly magnetic metavolcanics/Diabase Dykes(magnetic)	0.2 to 22	
AN-27-11	461859	5039583	White coarse grained non magnetic granite	0.25	
AN-27-12	461523	5039562	White medium grained magnetic granite	8 to 13.5	
AN-27-13	462027	5040344	Light gray fine grained magnetic metavolcanics	12 to 63	
AN-27-14	462461	5040141	Light gray massive magnetic gabbro	1.50 to 2.50	
AN-27-15	462874	5037752	Tectonic breccia (CBFZ) non magnetic	0.10-0.20	2.506
AN-27-16	462810	5037776	Tectonic breccia (CBFZ) non magnetic, as above	0.10-0.20	
AN-27-17	462766	5038083	Light brown non magnetic Fe rich quartzite. 1-2% pyrite, spec. hematite	0.10-0.20	2.68
AN-27-18	462711	5038577	Dark gray black non magnetic diorite	0.1--0.36	2.84
AN-27-19	462657	5038645	Light gray green coarse grained non magnetic diorite	0.1-0.20	
AN-27-20	462622	5038704	Dark gray massive magnetic gabbro dyke?	9.0-10.0	2.944
AN-27-21	462587	5038808	Light gray white non magnetic granodiorite,with mafic dykes	0.1-0.2	
AN-27-22	462656	5038849	Strongly foliated (sheared) granite, 1-2% pyrite	0.1-0.2	2.809
AN-27-23	462958	5038371	Dark brown Fe+carb rich sandstone	0.1-0.2	2.61

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-27-24	463300	5038559	Mylonite (foliated sedimentary rocks) CBFZ, contact Frog Lake Pluton	0.1-0.2	
AN-27-25	463800	5038546	Strongly foliated (sheared) sedimentary rocks, CBFZ as above	0.1-0.2	
AN-27-26	463904	5038740	Dark green gray fine grained non magnetic massive gabbro, no fabric	0.1-0.2	3
AN-27-27	463961	5039005	White medium grained foliated non magnetic granite	0.1-0.2	2.61
AN-27-28	463928	5039204	Dark green gray fine grained magnetic massive gabbro dyke, no fabric	2.0 -11	3.007
AN-27-29	463962	5039339	White medium grained foliated magnetic granite, with mafic dykes	5.0 to 10	
AN-27-30	464417	5039886	White medium grained foliated magnetic granite, (mafic dykes no fabric)	1.0 to 9.0	
AN-27-31	464631	5040028	Contact between non magnetic basalt and foliated granite	0.1-0.2	
AN-27-32	464690	5040222	Massive magnetic gabbro dyke and non magnetic basalt	15 to 25	
AN-27-33	464829	5040632	Dark gray green strongly magnetic foliated basalt, 1-2% magnetite	15 to 85	2.906
AN-27-34	464844	5040950	Light gray green fine grained weakly magnetic basalt	1.0-7.0	
AN-27-35	464835	5041151	Dark gray green massive magnetic gabbro, no fabric	10.0 to 49	2.913
AN-27-36	464892	5041378	Dark gray green massive magnetic gabbro, no fabric.same as above	10.1 to 22.0	3.013
AN-27-37	464472	5040817	Light green fine grained foliated magnetic basalt, XCT mafic dykes	18.0 to 45.0	3.051
AN-27-38	464421	5040683	Light gray green non magnetic foliated basalt	0.1-0.2	
AN-27-39	463604	5040521	Light gray green non magnetic foliated basalt, as above	0.1-0.2	
AN-27-40	463363	5040570	Light gray green non magnetic foliated basalt, py along clevage planes	0.1-0.2	3.052
AN-27-41	463691	5041048	Light gray green non magnetic foliated basalt, as above	0.1-0.2	
AN-27-42	464538	5041850	Light gray green non magnetic foliated basalt, as above	0.1-0.2	
AN-27-43	464465	5041845	Quarry, Light green non magnetic foliated basalt, fault breccia hem+carb		3.131
AN-27-44	463589	5042306	Orange pink medium grained massive granite, no fabric	0.1 to 1.0	2.607
AN-27-45	462197	5042461	Orange pink medium grained massive granite, no fabric, asbove	0.1 to 1.0	
AN-27-46	465015	5041981	Light green fine grained foliated magnetic basalt, XCT mafic dykes	1.0 to 9.0	
AN-27-47	465218	5042156	Light green fine grained non magnetic basalt, as above	0.1-0.2	2.945
AN-27-48	465253	5042414	Light green fine grained non magnetic basalt, as above	0.1-0.2	
AN-27-49	465176	5042504	Light green fine grained non magnetic basalt,XCT mafic dyjkes	0.1-0.2	
AN-27-50	464768	5042831	Rockland Brook Fault (magnetic sheared basalt)	25 to 64	2.875
AN-27-51	464718	5042895	Orange red massive coarse grained weakly magnetic granite	1.0 to 3.0	2.546
AN-27-52	464410	5042480	Rockland Brook Fault (magnetic sheared basalt, contact foliated white granite)		
AN-27-53	464533	5043036	Light green strongly foliated magnetic basalt, Rockland Brook Fault		
AN-27-54	463914	5043572	Orange red massive medium grained granite		
AN-27-55	464330	5043366	White pink strongly foliated (sheared granite) non magnetic granite		
AN-27-56	464294	5043470	White pink strongly foliated (sheared granite) non magnetic granite		
AN-27-57	465635	5041872	Light green fine grained non magnetic basalt,XCT mafic dyjkes		
AN-27-58	465886	5041527	White coarse grained non magnetic foliated granite		
AN-27-59	466273	5041420	White coarse grained weakly magnetic foliated granite	1.5	2.616

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-27-60	466455	5041589	Dark gray green massive magnetic gabbro dyke	3 to 12	2.915
AN-27-61	466524	5041614	White coarse grained weakly magnetic foliated granite	1 to 4	
AN-27-62	466884	5041410	Dark gray green massive magnetic gabbro dyke	4 to 12	
AN-27-63	467229	5042307	Light green fine grained foliated magnetic to non magnetic basalt	0.2	2.886
AN-27-64	467234	5042393	Light green fine grained foliated strongly magnetic basalt	15 to 55	
AN-27-65	467386	5042824	Orange red coarse grained weakly magnetic granite	0.2 to 2.0	2.806
AN-27-66	467539	5042967	Rockland Brook Fault, strongly foliated (mylonite) basalt/contact granite	0.2	
AN-27-67	467602	5043244	Rockland Brook Fault, strongly foliated (mylonite) basalt/contact granite	0.2	
AN-27-68	467588	5043418	Rockland Brook Fault, strongly foliated (mylonite) basalt/contact granite	0.2	
AN-27-69	467539	5043744	Dark gray green massive magnetic gabbro dyke	1 to 8	2.899
AN-27-70	467273	5043843	Dark gray green massive magnetic gabbro dyke, same above	1 to 6	
AN-27-71	467752	5043142	Rockland Brook Fault, strongly foliated (mylonite) granite, 1-3% py	0.2	2.585
AN-27-72	468291	5043736	Orange browm strongly foliated granite, 1-3% py, RBF Zone	0.2	2.564
AN-27-73	468254	5043343	Orange browm strongly foliated granite, 1-3% py, RBF Zone, as above	0.2	
AN-27-74	467904	5043060	Rockland Brook Fault, strongly foliated (mylonite) magnetic basalt	0.2	
AN-27-75	466890	5040979	Orange brown medium grained granite, mafic dyke	2 to 4	
AN-27-76	466914	5040736	Orange brown medium grained foliated granite, mafic dyke	3 to 5	
AN-27-77	466558	5040293	White coarse grained non magnetic foliated granite	0.2	2.598
AN-27-78	466468	5040064	Light gray foliated fine grained non magnetic quartzite	0.2	2.646
AN-27-79	459018	5036985	Light brown non magnetic interbedded sandstone/conglomerate		
AN-27-80	458916	5037167	Polymicitc moberate carb+hem alteration, trace sulphides		2.576
AN-27-81	458923	5037534	Light brown Fe rich non magnetic quartzite		
AN-27-82	458844	5037936	Light gray fine grained non magnetic quartzite/10-25cm barite veins		
AN-27-83	458820	5038004	Light green non magnetic quartzite, 1-3% disseminated pyrite		2.647
AN-27-84	458547	5038276	Interbedded shale/quartzite/shear zone 1-3% pyrite		2.655
AN-27-85	458672	5037659	Gossan malachite staining+ Fe staining MinOcc E05-001		2.618
AN-27-86	457819	5038873	Malachite staining strongly foliated (sheared) metasediment/ CBFZ		2.840
AN-27-87	457929	5038746	Dark gray green massive non magnetic gabbro	0.2	
AN-27-88	457513	5038835	Dark gray green massive non magnetic gabbro, as above	0.2	2.977
AN-27-89	457085	5038937	Dark gray green massive weakly magnetic gabbro,	2 to 10	
AN-27-90	456012	5039186	Dark gray green massive magnetic gabbro, as above	8 to 19	
AN-27-91	455808	5039280	Dark gray green massive magnetic gabbro, as above	2 to 10	2.963
AN-27-92	455528	5039441	Light gray non magnetic strongly foliated quartzite (shear zone)	0.2	
AN-27-93	454058	5039124	Light gray non magnetic strongly foliated quartzite, XCT mafic dyke	0.2	
AN-27-94	454117	5038944	Light gray non magnetic strongly foliated quartzite (shear zone), Fe staining	0.2	
AN-27-95	454788	5039998	Light gray non magnetic strongly foliated quartzite (shear zone)	0.2	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-27-96	454625	5040272	Light gray non magnetic strongly foliated quartzite (shear zone)	0.2	2.639
AN-27-97	454408	5040540	Light gray non magnetic strongly foliated quartzite (shear zone)	0.2	
AN-27-98	455398	5038803	Dark gray green massive non magnetic gabbro		3.048
AN-27-99	456099	5038289	Dark gray green massive non magnetic gabbro, as above		
AN-27-100	456427	5038124	Light gray non magnetic strongly foliated quartzite, XCT mafic dyke		
AN-27-101	456427	5038124	Strongly foliated psammite with py+cpy sulphide pods (1-3%), rock quarry	0.2	2.729
AN-27-102	457802	5041092	Light gray non magnetic foliated slate	0.2	
AN-27-103	458434	5040772	Dark gray green massive magnetic gabbro dyke	3 to 11	2.861
AN-27-104	458818	5040801	Light gray green medium grained magnetic granodiorite	5 to 19	2.993
AN-27-105	459515	5041171	Light brown non magnetic foliated quartzite (same as AN-27-95 units)	0.2	
AN-27-106	459501	5041548	Light gray green foliated non magnetic granodiorite, 1-3% py+cpy?	0.2	2.771
AN-27-107	459498	5041853	White orange pink coarse grained massive weakly magnetic granite	1 to 2	2.653
AN-27-108	467049	5040738	Light white medium grained non magnetic massive granodiorite	0.2	2.786
AN-27-109	467218	5040508	Dark gray green massive magnetic gabbro	5 to 12	3.063
AN-27-110	467550	5040614	Light brown non magnetic quartzite, Fe staining (1-2% py)	0.2	2.69
AN-27-111	467580	5040051	White coarse grained non magnetic granite contact gabbro and quartzite	0.1	
AN-27-112	454173	5038696	Light gray weakly foliated strongly magnetic gabbro dyke	3.0 to 24	2.984
AN-27-113	454198	5038640	Light gray strongly fractured non magnetic quartzite	0.2	
AN-27-114	454296	5038456	Dark gray fine grained massive strongly magnetic gabbro dyke	2.0 to 22	3.007
AN-27-115	454356	5038373	Light gray green strongly fractured non magnetic quartzite		2.518
AN-27-116	454791	5038150	Light gray strongly fractured non magnetic quartzite	0.2	
AN-27-117	454899	5038055	Dark gray fine grained massive strongly magnetic gabbro dyke	5.0 to 12	2.956
AN-27-118	454182	5038208	Light gray strongly fractured non magnetic quartzite, mafic dyke	0.2	
AN-27-119	454116	5038040	Dark gray fine grained massive strongly magnetic gabbro dyke	27 to 119	2.958
AN-27-120	453790	5037952	Light gray green strongly fractured non magnetic quartzite		2.878
AN-27-121	453558	5038069	Light gray green strongly fractured non magnetic quartzite		
AN-27-122	454433	5037290	Light gray strongly fractured non magnetic quartzite, as above		
AN-27-123	453858	5039332	Light gray strongly fractured non magnetic quartzite		
AN-27-124	453334	5039113	Light gray strongly fractured non magnetic quartzite		
AN-27-125	453239	5038880	Dark gray massive strongly magnetic mafic gabbro dyke	15	
AN-27-126	453223	5038740	Dark gray massive strongly magnetic mafic gabbro dyke	7 to 12	2.907
AN-27-127	453207	5038642	Dark gray massive strongly magnetic mafic diabase dyke	1.0 to 3.0	
AN-27-128	455943	5038260	Dark gray green massive weakly magnetic granodiorite		2.994
AN-27-129	455831	5038107	Dark gray green magnetic mafic intrusive (gabbro)		
AN-27-130	455761	5037913	Light brown strongly fractured non magnetic quartzite		
AN-27A-01	466211	5038134	Dark gray green non magnetic strongly foliated mafic intrusive, spec hematite		2.718

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-27A-02	466252	5038265	Light gray green non magnetic epidote rich gabbro		2.822
AN-27A-03	466241	5038319	Dark gray foliated magnetic gabbro		2.797
AN-27A-04	466190	5038532	Dark gray green strongly foliated magnetic mafic intrusive		
AN-28-01	459020	5042496	Light gray silicified non magnetic Quartzite	0.1-0.2	3.022
AN-28-02	469059	5039058	Light brown granite dyke with Cpy(NS-028-95)	18.5 to 250	2.541
AN-28-03	468915	5039120	Dark gray magnetic massive gabbro, trace sulphides,no alteration	1.51 to 25.3	3.022
AN-28-04	469041	5039296	Dark gray medium grained magnetic massive gabbro, same as above	1.50 to 25.2	
AN-28-05	468836	5039270	Dark gray weakly magnetic massive gabbro, as above	0.25 to 0.68	
AN-28-06	470142	5039618	Dark gray magnetic massive gabbro, as above	5.1 to 34.5	2.966
AN-28-07	470851	5039854	Dark gray fine grained massive magnetic Diorite	5.0 to 35.4	3.000
AN-28-08	471004	5040337	Sub outcrop non magnetic pink granite		2.555
AN-28-09	468109	5039512	White coarse grained non magnetic granite	0.2	
AN-28-10	468227	5038826	Dark gray green massive magnetic gabbro	2 to 20	3.047
AN-28-11	468574	5040020	Dark gray green massive non magnetic granite contact magnetic gabbro		
AN-28-12	468958	5040616	Light brown non magnetic quartzite, contact granite		
AN-28-13	470825	5041118	Dark gray strongly magnetic mafic intrusive	15 to 81	3.007
AN-28-14	470374	5041872	Orange brown coarse grained non magnetic granite		
AN-28-15	470612	5038589	White coarse grained non magnetic granite		2.977
AN-29	476690	5039920	Center point of gravity anomaly		
AN-29-01	479052	5040590	Coarse grained non magnetic granite, no foliation	0.25 to 0.50	
AN-29-02	478293	5041221	Light purple interbedded siltstone/sandstone along road	0.15 to 0.25	
AN-29-03	477559	5040748	Light gray magnetic massive gabbro,trace sulphides	2.50 to 49.00	
AN-29-04	477535	5040552	Light pale green gary massive gabbro as above	10.1 to 13.3	
AN-29-05	477304	5040447	Light pale green massive magnetic gabbro as above	30 to 35	
AN-29-06	477037	5040269	Light pale gray massive magnetic gabbro, as above	25 to 68.4	
AN-29-07	475863	5036192	Light brown non magnetic polymictic conglomerate	0.2	
AN-29-08	475928	5037099	Light brown non magnetic polymictic conglomerate, as above	0.2	
AN-29-09	476575	5038875	Light brown non magnetic polymictic conglomerate, Fe staining	0.2	2.652
AN-29-10	476238	5038717	Light green fine grained foliated non magnetic breccia (CBFZ), epidote alteration	0.2	2.791
AN-29-11	476184	5038949	Light green foliated non magnetic breccia, spec hematite	0.2	2.643
AN-29-12	476252	5039085	Light gray foliated non magnetic basalt+quarzite	0.2	
AN-29-13	476257	5039144	Light gray magnetic massive gabbro	29 to 31	2.940
AN-29-14	474903	5038817	Light green non magnetic foliated mafic breccia, 1-3 py, along strike AN-29-11	0.2	2.977
AN-29-15	475042	5039184	White non magnetic medium grained granite	0.2	
AN-30	475110	5050010	Center point of gravity anomaly O/C		
AN-30-01	474968	5050170	Purple fine grained vesicular magnetic basalt	5.00 to 50	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-30-02	474975	5050100	Purple fine grained vesicular magnetic basalt, as above	10 to 50	2.92
AN-30-03	475026	5049917	Purple fine grained vesicular magnetic basalt, as above	13 to 50	
AN-30-04	474914	5049738	Purple fine grained vesicular magnetic basalt, as above	35 to 50	
AN-30-05	474813	5049696	Purple fine grained vesicular magnetic basalt, as above	2.50 to 3.50	
AN-30-06	474749	5049541	Purple fine grained vesicular magnetic basalt, as above	5 to 6.1	
AN-30-07	474588	5049204	Purple fine grained vesicular magnetic basalt, as above	5.0 to 12.2	
AN-30-08	474531	5049046	Purple fine grained vesicular magnetic basalt, as above	1.20 to 3.50	
AN-30-09	474513	5048604	Light gray weakly magnetic gabbro`	0.50 to 2.00	
AN-31	478370	5049830	Center point of gravity anomaly no O/C		
AN-31-01	477844	5049901	Purple fine grained vesicular magnetic basalt, as above	10 to 25	
AN-31-02	478530	5049774	Light gray non magnetic rhyolite	0.25 to 0.50	
AN-31-03	477664	5050535	Purple fine grained vesicular magnetic basalt, as above	10 to 20	
AN-31-04	477605	5050270	Purple fine grained vesicular magnetic basalt, as above	10 to 15	
AN-31-05	477566	5050121	Purple fine grained vesicular magnetic basalt, as above	12 to 17.5	
AN-32	480390	5048610	Center point of gravity anomaly no O/C		
AN-32-01	480292	5049768	Purple fine grained vesicular magnetic basalt, as above	17.2 to 47.1	
AN-32-02	480506	5048982	Purple fine grained vesicular magnetic basalt, as above	10 to 17.1	
AN-32-03	480277	5048156	Purple fine grained vesicular magnetic basalt, as above	10 to 58.1	
AN-33	485050	5047440	Center point of gravity anomaly no O/C		
AN-33-01	482378	5049145	Purple fine grained vesicular magnetic basalt, as above	58 to 78	
AN-33-02	482436	5048504	Purple fine grained vesicular magnetic basalt, as above	50 to 78	
AN-33-03	482350	5048340	Purple fine grained vesicular magnetic basalt, as above	17 to 38	
AN-33-04	482320	5048148	Purple fine grained vesicular magnetic basalt, as above	25 to 48	
AN-33-05	482435	5047672	Purple fine grained vesicular magnetic basalt, as above	15 to 22	
AN-33-06	484972	5046520	Purple fine grained vesicular magnetic basalt, as above	10 to 20	
AN-34	489980	5046430	Center point of gravity anomaly no O/C		
AN-34-01	490444	5047009	Light green contorted non magnetic siltstone	0.15 to 0.50	
AN-34-02	490649	5047291	Light green contorted non magnetic siltstone	0.15 to 0.50	
AN-34-03	490803	5047197	Light green contorted non magnetic siltstone	0.15 to 0.50	
AN-34-04	490853	5046814	Light green contorted non magnetic siltstone	0.15 to 0.50	
AN-34-05	490922	5046670	Light green contorted non magnetic siltstone/contact mafic intrusive	0.15 to 10	
AN-37	483510	5041530	Center point of gravity anomaly no O/C		
AN-37-01	483794	5042069	Sheared light brown non magnetic siltstone	0.15 to 0.20	2.953
AN-37-02	482499	5043159	Light gray non magnetic siltstone	0.15 to 0.20	
AN-37-03	482123	5043136	Light gray non magetic shales and silstone	0.10 to 0.30	
AN-37-04	482334	5042488	Dark gray green massive magnetic gabbro (dyke?)	7.0 to 10.0	3.09

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-37-05	482268	5040799	Frost heaved boulders of magnetic gabbro(sub outcrop?)	5.0 to 15	
AN-38	485450	5040440	Center point of gravity anomaly no O/C		
AN-38-01	484523	5038667	Light brown strongly foliated non magnetic siltstone	0.40 to 0.60	
AN-38-02	485149	5039256	Light brown carbonate rich non magnetic conglomerate	0.15 to 0.20	
AN-38-03	485028	5040554	Frost heaved boulders of magnetic gabbro(sub outcrop?)	5.0 to 12.6	
AN-38-04	486446	5039825	Orange pink medium grained weakly magnetic granite	0.14 to 1.50	
AN-38-05	485316	5041648	Dark gray carbonate rich non magnetic shales	0.1 to 0.2	
AN-39	499900	5043100	Center point of gravity anomaly O/C		
AN-39-01	499744	5041921	Light brown non magnetic polymictic conglomerate	0.10 to 0.20	
AN-39-02	499737	5042480	Mafic strongly foliated non magnetic metasediment	0.10 to 0.20	
AN-39-03	499718	5042642	Light orange pink non magnetic granite/magnetic mafic dyke	0.15 to 42	
AN-39-04	499649	5042967	Dark gray medium grained magnetic granodiorite	19 to 20	
AN-39-05	499754	5043434	Light orange pink weakly magnetic granite	1.00 to 6.0	
AN-39-06	499760	5045002	Light orange pink non magnetic granite	0.4 to 0.8	
AN-40	500900	5045400	Center point of gravity anomaly O/C		
AN-40-01	501935	5043445	Light gray fine grained magnetic gabbro (dyke??)	3.0 to 33	2.933
AN-40-02	502058	5043465	Light orange pink non magnetic granite	0.4 to 0.5	
AN-40-03	502231	5043487	Light orange pink non magnetic granite	0.4 to 0.5	
AN-40-04	502525	5043502	Light orange pink non magnetic granite	0.4 to 0.5	
AN-40-05	502961	5043444	Light gray medium grained magnetic granodiorite	1.00 to 23	
AN-40-06	501938	5043582	Light orange pink non magnetic granite	0.4 to 0.5	
AN-40-07	501896	5043750	Light orange pink non magnetic granite	0.4 to 0.5	
AN-40-08	501804	5043924	Light orange pink non magnetic granite/magnetic mafic dyke	0.1 to 9.0	
AN-40-09	501779	5044118	Light orange pink non magnetic granite	0.1 to 3.00	
AN-40-10	502384	5045645	Light gray green fine grained magnetic basalt	1.00 to 11	
AN-40-11	502733	5045821	Light gray green fine grained magnetic basalt	0.1 to 1.96	
AN-40-12	502872	5045879	Light gray green fine grained magnetic basalt	1.0 to 10.0	
AN-40-13	501289	5045830	Light gray green fine grained magnetic basalt	1.00 to 9.0	
AN-40-14	501160	5046035	Light gray green fine grained magnetic basalt	1.0 to 15	
AN-40-15	501339	5046394	Light gray green fine grained magnetic basalt	1.0 to 24	
AN-40-16	500148	5042734	Light gray fine grained non magnetic metasediment (1-3 Po)	0.10 to 0.20	3.000
AN-40-17	500276	5045010	Light orange pink non magnetic granite	0.1 to 0.20	
AN-40-18	500492	5045109	Light gray green fine grained magnetic basalt (dyke??)	0.14 to 1.40	
AN-40-19	500622	5045190	Light gray medium grained magnetic granodiorite	0.1 to 0.20	
AN-40-20	500767	5045205	Light orange pink non magnetic granite/magnetic mafic dyke	0.10 to 17	
AN-40-21	500994	5045261	Gray brown magnetic basalt with Malachite staining	10.0 to 17	2.818

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-40-22	502872	5042787	Light gray medium grained magnetic granite	1.0 to 2.50	
AN-40-23	503109	5042484	Light gray green strongly magnetic gabbro	10 to 25	
AN-41	504900	5042900	Center point of gravity anomaly no O/C		
AN-41-01	504455	5042114	Dark brown altered (carbonate) weathered magnetic granite	6 to 24	2.519
AN-41-02	504424	5042308	Dark gray fine granied magnetic mafic intrusive(gabbro)	1.0 to 15	
AN-41-03	504332	5042418	Light gray weakly magnetic gabbro`	1.0 to 5.0	
AN-41-04	503825	5042431	Dark gray fine grained magnetic gabbro	1.0 to 3.0	
AN-42	505500	5045400	Center point of gravity anomaly no O/C		
AN-42-01	505464	5045086	Light brown non magnetic sandstone angular boulders	0.1	
AN-42-02	506562	5045420	Light brown non magnetic sandstone angular boulders farmers field	0.1	
AN-42-03	506576	5044762	Light brown non magnetic sandstone and conglomerate	0.1	
AN-43	482100	5027800	Center point of gravity anomaly O/C		
AN-44	485200	5029200	Center point of gravity anomaly O/C		
AN-45	551630	5030240	Center point of gravity anomaly O/C		
AN-45-01	551154	5028598	Light orange brown medium granied non magnetic granite	0.15 to 0.20	2.589
AN-45-02	551274	5028796	Light blue green non magnetic siltstone contact granite	0.15 to 0.20	
AN-45-03	551330	5028933	Light blue green non magnetic siltstone	0.15 to 0.20	
AN-45-04	551611	5030170	Reddish brown non magnetic sandstone	0.13 to 0.15	
AN-45-05	551582	5030461	Purple gray fine grained strongly magnetic basalt	39 to 62	2.827
AN-45-06	551507	5030478	Purple gray fine grained strongly magnetic basalt	45 TO 60	
AN-45-07	550980	5030248	Purple gray fine grained strongly magnetic basalt	20 TO 30	
AN-45-08	551551	5030643	Purple gray fine grained strongly magnetic basalt	15 TO 20	
AN-45-09	551532	5030812	Purple gray fine grained strongly magnetic basalt	10 TO 15	
AN-45-10	551534	5030976	Shear Zone non magnetic (siltstone?)	0.15 to 0.20	
AN-45-11	551545	5031078	Light reddish brown weakly magnetic silicified rhyolite	0.12 to 0.15	
AN-45-12	551286	5031566	Light reddish brown weakly magnetic silicified rhyolite	3 to 10	2.664
AN-45-13	549277	5028881	Reddish brown non magnetic Fe rich volcanic breccia		
AN-46	553540	5027990	Center point of gravity anomaly O/C		
AN-46-01	551746	5027950	White medium grained non magnetic granite	0.12 to 0.17	2.716
AN-46-02	552023	5027973	Light orange brown medium granied magnetic granite	4.0 to 7.0	
AN-46-03	552624	5028092	Light gray non magnetic granodiorite	0.15 to 0.20	
AN-46-04	552515	5028245	Light orange brown medium granied weakly magnetic granite	1.30 to 3.9	
AN-46-05	552464	5028370	Shear Zone non magnetic granite	0.50 to 1.30	
AN-46-06	553143	5029033	Light gray to white medium grained granite	0.15 to 0.20	
AN-46-07	553146	5029032	Purple fine grained non magnetic siltstone	0.15 to 0.20	2.896
AN-46-08	553318	5029011	Purple fine grained non magnetic siltstone	0.15 to 0.20	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-46-09	553673	5028889	Purple fine grained non magnetic siltstone	0.15 to 0.20	
AN-46-10	553344	5027863	White medium grained strongly magnetic granite	10 to 65	3.148
AN-46-11	553564	5027974	Dark gray green medium grained strongly magnetic diorite	15 to 57	3.098
AN-46-12	553839	5028151	White medium grained non magnetic granite	0.15 to 0.30	2.866
AN-46-13	554308	5028055	Dark gray strongly magnetic granodiorite	10 to 135	
AN-47	555200	5038000	Center point of gravity anomaly O/C		
AN-47-01	554266	5038528	Hybrid mixture of granite/mafic intrusions	1.9 to 10	2.993
AN-47-02	554322	5038448	White medium grained weakly magnetic granodiorite	0.20 to 1.50	
AN-47-03	554362	5038344	Dark brown weakly magnetic granite	0.25 to 1.00	2.886
AN-47-04	554971	5038212	Dark brown medium grained y magnetic granite	1.2 to 11.0	
AN-47-05	555085	5038169	Pink fine grained magnetic syenite	5.0 to 12.0	
AN-47-06	555139	5038132	Dark gray green fine to medium grained magnetic granodiorite	10 to 58	
AN-47-07	555278	5037952	Dark gray fine grained magnetic diorite	1.50 to 8.00	2.73
AN-47-08	555362	5037841	Dark gray fine grained magnetic gabbro	7.0 to 16	
AN-47-09	552847	5039037	White to light brown non magnetic granite	0.15 to 0.20	
AN-47-10	552906	5038911	White to light brown non magnetic granite, as above	0.15 to 0.20	
AN-47-11	553078	5038591	White to light brown non magnetic granite, as above	0.15 to 0.20	
AN-47N-01	557019	5039397	Dark gray fractured massive magnetic gabbro, no fabric	9.0 to 12	
AN-47N-02	557015	5039342	Light gray-white strongly magnetic hybrid (gabbro-granite mix)	4.5 to 10	
AN-47N-03	557143	5039299	Light gray-white strongly magnetic hybrid (gabbro-granite mix)	1.25 to 22	
AN-47N-04	557352	5039187	Light brown weakly magnetic granite with thin mafic dyke	1.25 to 2.40	
AN-48	559410	5036360	Center point of gravity anomaly O/C		
AN-48-01	557398	5037222	Dark gray fine grained strongly magnetic gabbro	10 to 47	2.937
AN-48-02	557598	5037030	Hybrid mixture of granite/mafic intrusions	0.1 to 0.5	
AN-48-03	557723	5037038	Light brown (oxidized) non magnetic granite	0.1 to 1.0	
AN-48-04	557829	5036966	Dark brown (oxidized) magnetic granite	2.0 to 27	2.594
AN-48-05	558188	5036817	Light brown weakly magnetic granodiorite	0.32 to 1.36	
AN-48-06	558355	5036730	Light brown (oxidized) magnetic granodiorite	3.0 to 11.0	2.758
AN-48-07	558562	5036613	Light brown (oxidized) strongly magnetic granodiorite	10 to 18	
AN-48-08	558667	5036544	Light gray medium grained magnetic granodiorite	10 to 18	
AN-48-09	559038	5036375	Light gray medium grained magnetic granodiorite	10 to 20	2.928
AN-48-10	559345	5036158	Light gray medium grained magnetic granodiorite	10 to 18	
AN-48-11	559556	5036060	Light gray medium grained magnetic granodiorite	1.0 to 19	
AN-48-12	559497	5036178	Light gray medium grained magnetic granodiorite	10 to 24	3.046
AN-48-13	559401	5036399	Light gray medium grained magnetic granodiorite	10 to 47	
AN-48-14	559387	5037145	Light gray medium grained magnetic granodiorite	3.50 to 8.50	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-48-15	557529	5038315	Light brown weakly magnetic granite with dark gray mafic gabbro		
AN-48-17	558287	5036277	Dark gray green brown strongly foliated magnetic Mn rich granite		3.008
AN-48-18	558308	5036149	Dark gray green brown strongly foliated magnetic granite, as above		2.589
AN-48-19	559764	5034796	Light green gray epidote rich weakly magnetic basalt		2.85
AN-49	561340	5037210	Center point of gravity anomaly O/C		
AN-49-01	561421	5036210	Light gray green fine grained magnetic andesite	1.00 to 6.0	
AN-49-02	561425	5036494	Light gray green fine grained magnetic andesite	1 to 7.0	
AN-49-03	561346	5036656	Light brown (oxidized) magnetic (Fe staining) granodiorite	5.0 to 11.0	2.922
AN-49-04	561335	5036937	Light brown (oxidized) magnetic (Fe staining) granodiorite	7.0 to 9.0	2.761
AN-49-05	561335	5037255	Light brown (oxidized) magnetic (Fe staining) granodiorite	1.0 to 4.0	2.704
AN-49-06	561229	5037473	Light brown (oxidized) magnetic (Fe staining) granodiorite	1.0 to 4.0	
AN-49-07	560825	5037885	Light gray medium grained magnetic granodiorite	15 to 155	2.863
AN-50	559050	5038130	Center point of gravity anomaly no O/C		
AN-50-01	559104	5037700	Light gray magnetic granite	9.0 to 27.0	
AN-51	558530	5039310	Center point of gravity anomaly O/C		
AN-51-01	558787	5038599	Dark gray magnetic granodiorite	14 to 30	
AN-51-02	558753	5038695	Dark gray magnetic granodiorite		
AN-51-03	558736	5038907	Dark gray magnetic granodiorite		
AN-51-04	558655	5039065	Light gray fine grained magnetic gabbro	5.0 to 12	
AN-51-05	558584	5039215	Light gray fine grained magnetic gabbro	2.0 to 27	
AN-51-06	558537	5039328	Dark gray magnetic granodiorite	10 to 28	2.652
AN-51-07	558414	5039457	Dark gray magnetic granodiorite	2 to 13	
AN-51-08	558344	5039492	Light green fine grained non magnetic andesite	0.10 to 0.30	
AN-52	559900	5040400	Center point of gravity anomaly O/C		
AN-52-01	560695	5039742	Light gray-white medium grained magnetic granite	1.0 To 65	
AN-52-02	560496	5039713	Light gray-white medium grained magnetic granodiorite	1.0 to 29	
AN-52-03	560231	5040233	Light gray-white medium grained magnetic granodiorite	1.0 to 6.0	
AN-52-04	560051	5040230	Light gray-white medium grained magnetic granodiorite	1.0 to 8.0	
AN-52-05	559976	5040405	Light gray-white medium grained magnetic granodiorite	10 to 17	2.991
AN-52-06	559392	5040537	Light gray-white medium grained magnetic granodiorite	1.0 to 6.0	
AN-53	556100	5041500	Center point of gravity anomaly O/C		
AN-53-01	556466	5040938	Light green fine grained weakly magnetic andesite	1.00 to 3.00	
AN-53-02	556360	5041091	Dark gray strongly magnetic granodiorite	5.00 to 47	
AN-53-03	556164	5041265	Light green fine grained magnetic andesite	9.0 to 59	
AN-53-04	556019	5041540	Dark gray strongly magnetic granodiorite	25 to 59	2.961
AN-53-05	555952	5041807	Light brown weakly magnetic granite	1.0 to 11	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-53-06	555912	5041923	Light green fine grained non magnetic andesite	0.10 to 0.20	
AN-53-07	555912	5041970	Light gray medium grained magnetic granodiorite	10 to 19	
AN-53-08	555989	5042129	Light green fine grained weakly magnetic andesite	7.0 to 20	
AN-53-09	555862	5042306	Light green fine grained non magnetic andesite	0.10 to 0.20	
AN-53-10	555178	5043385	Light brown medium grained foliated magnetic Mn rich granite	1 to 8	2.523
AN-53-11	555523	5042609	Light brown medium grained foliated magnetic Mn rich granite, as above	1 to 4	
AN-53-12	555145	5042776	Light green fine grained non magnetic basalt	0.2	
AN-53-13	555180	5042401	Light gray fine grained non magnetic foliated granodiorite	0.2	2.603
AN-53-14	555121	5042220	Light gray green foliated magnetic basalt with cross cutting granite dyke	17	2.711
AN-53-15	556434	5042137	Dark gray stongly magnetic gabbro	17 to 20	
AN-54-01	556298	5044674	Strongly brecciated sulphide (py) rich metasediments, sulphide pods (10-20cm)	0.2	2.532
AN-54-02	556159	5044578	Light green white non magnetic foliated granite	0.2	2.549
AN-54-03	555924	5044363	Light gray foliated non magnetic shale	0.2	
AN-54-04	557237	5044172	Light gray weakly foliated strongly magnetic basalt	14 to 80	2.831
AN-54-05	557458	5044091	Light gray siliceous non magnetic metasediment, 3-5% disseminated pyrite	0.2	2.82
AN-54-06	557744	5043822	Light gray weakly foliated strongly magnetic basalt	15 to 35	
AN-54-07	557557	5045656	Light gray non magnetic shale		
AN-54-08	557072	5045494	Light gray strongly foliated non magnetic shale (Brown Mountain Fault)		2.432
AN-54-09	556655	5044028	Light pink gray medium grained magnetic granite	5 to 14	2.816
AN-54-10	556645	5043948	Dark gray magnetic gabbro with late felsic dykes	1 to 8	
AN-54-11	556685	5043898	Light gray foliated non magnetic basalt with late cross cutting granite dykes	0.2	2.627
AN-54-12	556476	5043887	Light gray strongly foliated epidote rich basalt	0.2	3.125
AN-54-13	556283	5043785	Reddish brown non magnetic granite (hematite along fractures)	0.2	2.683
AN-54-14	556801	5043803	Light green non magnetic basalt	0.2	
AN-54-15	557279	5043080	Granite contact with non magnetic basalt	0.2	
AN-54-16	556916	5042883	Light gray medium granied magnetic granodiorite	5 to 22	2.902
AN-54-17	558082	5042734	White pink medium grained magnetic granite	10 to 15	
AN-55	560800	5044300	Center point of gravity anomaly O/C	0.2	
AN-55-01	560835	5044328	Light green fine grained non magnetic siltstone	0.10 to 0.20	2.699
AN-55-02	560816	5044213	Light green non magnetic quartzite/rhyolite	0.10 to 0.20	
AN-55-03	560865	5044103	Light green non magnetic quartzite/rhyolite	0.10 to 0.20	
AN-56	561870	5044210	Center point of gravity anomaly O/C		
AN-56-01	561504	5044380	Light green fine grained non magnetic siltstone	0.10 to 0.20	2.647
AN-56-02	561566	5044360	Light green fine grained non magnetic siltstone	0.10 to 0.20	
AN-56-03	561833	5044230	Dark gray strongly magnetic diabase dyke/crosscutting basalt	5.0 to 40	2.892
AN-56-04	561952	5044153	Light green fine grained magnetic basalt,no fabric	1.0 to 26.00	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-57	563600	5044230	Center point of gravity anomaly O/C		
AN-57-01	563365	5044895	Light green fine grained weakly magnetic siltstone/basalt?	0.1 to 5.0	
AN-57-02	563566	5044650	Light green fine grained non magnetic basalt,no fabric	0.10 to 0.20	2.645
AN-57-03	563802	5044301	Light green fine grained epodite rich magnetic basalt,no fabric	4.0 to 45	2.771
AN-57-04	564037	5043902	Light green fine grained non magnetic basalt,no fabric	0.10 to 0.20	
AN-57-05	563388	5043944	Light green magnetic basalt, no fabric	4.0 to 28.0	2.799
AN-57-06	563370	5044041	Light green fine grained non magnetic basalt,no fabric	5.0 to 8.50	2.896
AN-57-07	563251	5044289	Light green weakly magnetic basalt, no fabric	0.1 to 1.60	
AN-57-08	563307	5045321	Light green fine grained non magnetic siltstone	0.1 to 0.2	
AN-58	564450	5037790	Center point of gravity anomaly O/C		
AN-58-01	564692	5037182	Dark gray green fine grained magnetic basalt	7.5 to 12.0	2.681
AN-58-02	565646	5036515	Light gray green fine grained magnetic basalt	5.0 to 9.0	
AN-58-03	565987	5036145	Light gray green non magnetic basalt	0.1 ro 0.2	
AN-58-04	564414	5037935	Shear Zone (magnetic basalt)	5.0 to 9.0	
AN-58-05	564555	5038278	Light gray green non magnetic basalt	0.1 ro 0.2	
AN-59	580010	5028070	Center point of gravity anomaly no O/C		
AN-59-01	579854	5028524	Copper Lake Pit Area boulders,siderite,cpy		
AN-59-02	579630	5028221	Light grayfine grained magnetic siltstone	1.00 to 14.00	2.71
AN-59-03	579913	5028065	Light gray non magnetic shales suboutcrop		
AN-59N	579898	5029242	Center point of gravity anomaly no O/C		
AN-59N-01	579653	5029877	Light gray well bedded non magbetic siltstone	0.1 to 0.2	
AN-59N-02	579560	5029185	Old logging road with siderite boulders from Copper Lake Occ		
AN-59N-03	578468	5028968	Light gray non magnetic shales	0.1 to 0.2	
AN-59N-04	578414	5028636	Light buff brown non magnetic sandstone/spec. hematite	0.1 to 0.2	2.455
AN-59N-05	578391	5028554	Light gray green fine grained magnetic siltstone	9.0 to 14.0	
AN-59N-06	578359	5028603	Light gray fine grained non magnetic siltstone, spec hematite	0.1 to 0.2	
AN-59N-07	578110	5028592	Light gray fine grained magnetic siltstone, spec hematite	7.0 to 15.0	2.683
AN-59N-08	578943	5029061	Calcareous shale with thin siderite veinlets,3-4% py		
AN-59NE-01	582036	5030666	Light gray green non magnetic contorted shales	0.1 to 0.2	
AN-59NE-02	581393	5029598	Dark gray medium grained strongly magnetic diorite	9.0 to 78	2.773
AN-59NE	581630	5030250	Center point of gravity anomaly no O/C		
AN-59W-01	576951	5029498	Light gray purple non magnetic shale	0.1 to 0.2	
AN-59W-02	577297	5029113	Light gray strongly folaited shale		
AN-59W-03	575907	5027750	Light purple strongly foliated shale		
AN-59West	576060	5027970	Center point of gravity anomaly no O/C		
AN-60	583590	5028230	Center point of gravity anomaly O/C		

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-60-01	583261	5028453	Polymictic conglomerate Malachite Staining	0.1 to 0.20	2.501
AN-60-02	583609	5027818	Dark gray non magnetic basalt (vescular)	0.10 to 0.20	
AN-60-03	583578	5027981	Dark gray weakly magnetic basalt as above	0.20 to 2.50	
AN-60-04	583331	5028133	Light gray green fine grained basalt woth epodite veining	2.00 to 15.00	2.783
AN-61	586200	5029210	Center point of gravity anomaly no O/C		
AN-61-01	585758	5028135	Light gray green fine grained non magnetic siltstone as above	0.1 to 0.50	
AN-61-02	585492	5028847	Light gray green fine grained non magnetic siltstone	0.1 to 0.50	
AN-61-03	586683	5028968	Light gray green fine grained non magnetic siltstone	0.1 to 0.50	
AN-61-04	586811	5029264	Light gray green fine grained non magnetic siltstone	0.1 to 0.50	
AN-61-05	587073	5028920	Light gray green fine grained non magnetic siltstone,as above	0.1 to 0.50	
AN-61-06	587032	5029333	Light gray green medium grained gabbro	0.1 to 0.30	
AN-61-07	587027	5029391	Light green fine grained magnetic basalt	1.00 to 14.00	
AN-61-08	587025	5029448	Fe rich non magnetic bassalt (vescular)	0.1 to 0.2	
AN-61-09	587014	5029924	Light gray green fine to medium grained gabbro	1.0 to 14.00	
AN-61-10	586732	5029840	Light gray green fine grained non magnetic siltstone	0.1 to 0.26	
AN-61-11	586660	5029651	Light gray green strongly magnetic gabbro	36 to 48	
AN-61-12	586585	5029858	Light gray green medium grained non magnetic granite	0.1 to 0.4	
AN-62	587840	5029620	Center point of gravity anomaly O/C		
AN-62-01	587203	5028920	Light gray fine grained non magnetic siltstone	0.1 to 0.20	
AN-62-02	587349	5028937	Light gray fine grained non magnetic siltstone	0.1 to 0.20	
AN-62-03	587485	5028959	Light gray fine grained non magnetic siltstone	0.1 to 0.20	
AN-62-04	587793	5029276	Light gray fine grained non magnetic siltstone	0.1 to 0.20	
AN-62-05	587810	5029379	Light gray medium grained non magnetic lapilli tuff	0.1 to 0.20	
AN-62-06	587851	5029649	Dark gray fine grained strongly magnetic basalt	5 to 35	2.874
AN-62-07	587809	5029701	Light gray green fine grained strongly magnetic gabbro	9.0 to 35	2.902
AN-63	591240	5028800	Center point of gravity anomaly O/C		
AN-63-01	591258	5028409	Dark gray interbedded shale and siltstone	0.1 to 0.20	
AN-63-02	591343	5028587	Light gray green strongly magnetic basalt	15 to 75	2.96
AN-64	597200	5030921	Center point of gravity anomaly O/C		
AN-64-01	598661	5031822	Light gray finely laminated non magnetic shale	0.1 to 0.4	
AN-64-02	598100	5031339	Light green medium grained non magnetic basalt/gabbro?	0.1 to 0.4	
AN-64-03	597912	5031086	Light green medium grained magnetic basalt/gabbro?	0.2 to 8.0	2.957
AN-64-04	597677	5031015	Light gray interbedded non magnetic shale/siltstone	0.1 to 0.4	2.711
AN-64-05	595863	5031209	Light gray interbedded non magnetic shale/siltstone	0.1 to 0.4	
AN-64-06	597709	5031118	Light gray fine grained non magnetic shale	0.1 to 0.4	
AN-64-07	597635	5031229	Light gray non magnetic siltstone	0.1 to 0.4	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-64-08	597458	5031622	Light purple non magnetic sandstone	0.1 to 0.4	
AN-65	598450	5030240	Center point of gravity anomaly O/C		
AN-65-01	598564	5030935	Light gray fine grained non magnetic shale	0.1 to 0.4	
AN-65-02	598550	5030697	Light gray fine grained non magnetic siltstone	0.1 to 0.4	
AN-65-03	598391	5029897	Light gray interbedded non magnetic sandstone/siltstone	0.1 to 0.4	
AN-65-04	598421	5029564	Light gray interbedded non magnetic sandstone/siltstone	0.1 to 0.4	
AN-65-05	598796	5031031	Light gray massive weakly magnetic basalt	0.1 to 0.4	
AN-66	606330	5032840	Light brown non magnetic altered (carbonate) conglomerate	0.1 to 0.5	
AN-66-01	606105	5034175	Light buff brown non magnetic quartzite/spec. hematite,Fe staining	0.1 to 0.5	2.648
AN-66-02	606103	5034071	Light buff brown non magnetic quartzite, as above	0.1 to 0.5	2.647
AN-66-03	606129	5033919	Light buff brown non magnetic quartzite, as above	0.1 to 0.5	
AN-66-04	606138	5033835	Light buff brown non magnetic quartzite, as above	0.1 to 0.5	
AN-66-05	606209	5033767	Interbedded non magnetic quartzite/shale with minor granite dyke	0.1 to 0.5	2.376
AN-66-06	606246	5033654	Interbedded non magnetic quartzite/shale	0.1 to 0.5	
AN-66-07	606473	5033122	Light gray fine grained weakly magnetic basalt	0.5 to 2.50	2.818
AN-66-08	606381	5032887	Light buff brown altered (carbonate) non magnetic quartzite, Fe staining	0.1 to 0.5	2.487
AN-66-09	606231	5032735	Light green strongly magnetic basalt	7.0 to 24.0	2.729
AN-67	609400	5032810	Foliated light gray non magnetic polymictic conglomerate	0.1 to 0.5	
AN-67-01	609113	5034283	Light buff brown non magnetic quartzite, Fe staining,spec. hematite	0.1 to 0.5	
AN-67-02	609479	5034088	Buff brown maroon non magnetic sandstone	0.1 to 0.5	
AN-67-03	609611	5033631	Light gray non magnetic polymictic conglomerate/quartzite,Fe staining	0.1 to 0.5	2.672
AN-67-04	609629	5033618	Light gray fine grained strongly magnetic basalt	4.0 to 14.0	2.688
AN-67-05	609551	5033270	Light gray fine grained weakly magnetic basalt	0.1 to 2.0	2.837
AN-67-06	609511	5033215	Light gray fine grained non magnetic siltstone	0.1 to 2.0	
AN-67-07	609468	5033142	Light green non magnetic basalt	0.1 to 2.0	2.717
AN-67-08	609449	5033059	Light gray non magnetic polymictic conglomerate	0.1 to 2.0	
AN-67-09	609448	5032857	Foliated light gray non magnetic polymictic conglomerate/siltstone	0.1 to 2.0	2.664
AN-67-10	609326	5032586	Light green weakly magnetic basalt	0.1 to 4.40	
AN-67-11	609362	5032513	Light green weakly magnetic basalt.epodite stringers	0.1 to 2.0	
AN-67-12	609435	5032056	Light gray finely laminated non magnetic silltstone/conglomerate	0.1 to 2.0	
AN-67-13	609456	5031872	Light gray finely laminated non magnetic silltstone/conglomerate	0.1 to 2.0	
AN-68	613210	5031820	Center point of gravity anomaly O/C, conglomerate	0.1 to 2.0	
AN-68-01	614783	5033106	Light purple fine grained non magnetic siltstone	0.1 to 2.0	
AN-68-02	614665	5033065	Light gray fine grained non magnetic siltstone,as above	0.1 to 2.0	
AN-68-03	613859	5032208	Light gray fine grained non magnetic siltstone,as above	0.1 to 2.0	
AN-68-04	613809	5032005	Light gray fine grained non magnetic siltstone,as above	0.1 to 2.0	

Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
AN-68-05	613421	5031708	Light gray non magnetic polymictic conglomerate	0.1 to 2.0	2.812
AN-68-06	613362	5031680	Light gray non magnetic polymictic conglomerate, as above	0.1 to 2.0	
AN-68-07	613268	5031587	Light gray non magnetic polymictic conglomerate, as above	0.1 to 2.0	2.77
AN-68-08	612821	5031331	Light gray interbedded polymictic conglomerate/shale	0.1 to 2.0	
AN-68-09	612574	5031228	Light gray interbedded quartzite(malachite)/shale	0.1 to 2.0	2.593
AN-68-10	612290	5031540	Light gray interbedded polymictic conglomerate/shale	0.1 to 2.0	
AN-68-11	614092	5032665	Light gray interbedded polymictic conglomerate/shale, as above	0.1 to 2.0	
AN-68-12	613345	5032564	Light gray non magnetic polymictic foliated conglomerate	0.1 to 2.0	
AN-68-13	613343	5032505	Light gray non magnetic polymictic conglomerate	0.1 to 2.0	
AN-68-14	614251	5032592	Light gray non magnetic Fe rich interbedded shale/quartzite		
AN-68-15	612579	5031064	Purple non magnetic strongly foliated basalt		2.786
AN-69	613810	5028850	Center point of gravity anomaly O/C	0.1 to 2.0	
AN-69-01	613361	5029276	Light gray non magnetic shale	0.1 to 0.2	
AN-69-02	613629	5029157	Light gray non magnetic polymictic conglomerate	0.1 to 0.2	
AN-69-03	612571	5029973	Light purple fine grained non magnetic siltstone	0.1 to 0.2	
AN70	615050	5027160	Center point of gravity anomaly, non magnetic volcaniclastic		
AN-70-01	614769	5027374	Light purple non magnetic volcaniclastic	0.1 to 0.2	
AN-70-02	614829	5027314	Light purple non magnetic volcaniclastic	0.1 to 0.2	
AN-70-03	614891	5027225	Light purple non magnetic volcaniclastic	0.1 to 0.2	
AN71	610210	5023520	Center point of gravity anomaly O/C, basalt		
AN-71-01	610195	5023823	Light green non magnetic fine grained basalt/spec. hematite	0.1 to 0.2	2.599
AN-71-02	609731	5023936	Light gray finely laminated non magnetic silltstone	0.1 to 0.2	
AN-71-03	609706	5023484	Light gray finely laminated non magnetic silltstone, as above	0.1 to 0.2	
AN-71-04	608604	5023279	Light gray foliated non magnetic Fe rich siltstone		2.67
East Mines	461373	5037838	East Mine Pits		
EAST-001	461251	5037814	East Mine Pit spec Hem stringers, strong carb+Hem alteration,cpy	0.56	
EAST-002	461271	5037823	East Mine Pit as above breccia hem matrix	0.51	
GR-01	378658	5032234	Reddish brown non magnetic metasediments(malchite staining) Cpy	0.25	
NDONERRYMI	452851	5036073	Mine Dump, strong carbonate+hem alteration	0.5	
MAGBR	439010	5034910	Magnetite breccia (py+mag) carbonate stringers	100 to 1420	
MonsterCu-01	435573	5035028	Reddish brown magnetite rich (altered) granite	1.0 to 17.0	
MonsterCu1	441938	5035592	see AN-23-11		
MonsterCu2	435628	5035164	Reddish brown weakly magnetic medium grained granite	1.24 to 3.50	
NORTHODGEN	603887	5025315	Light gray non magnetic shale py+cpy	0.1 to 0.2	
OC-001	477880	5043532	Coarse grained unaltered non magnetic granite	0.25	
OC-002	477735	5044405	Pink red non mganetic granite, trace sulphides		

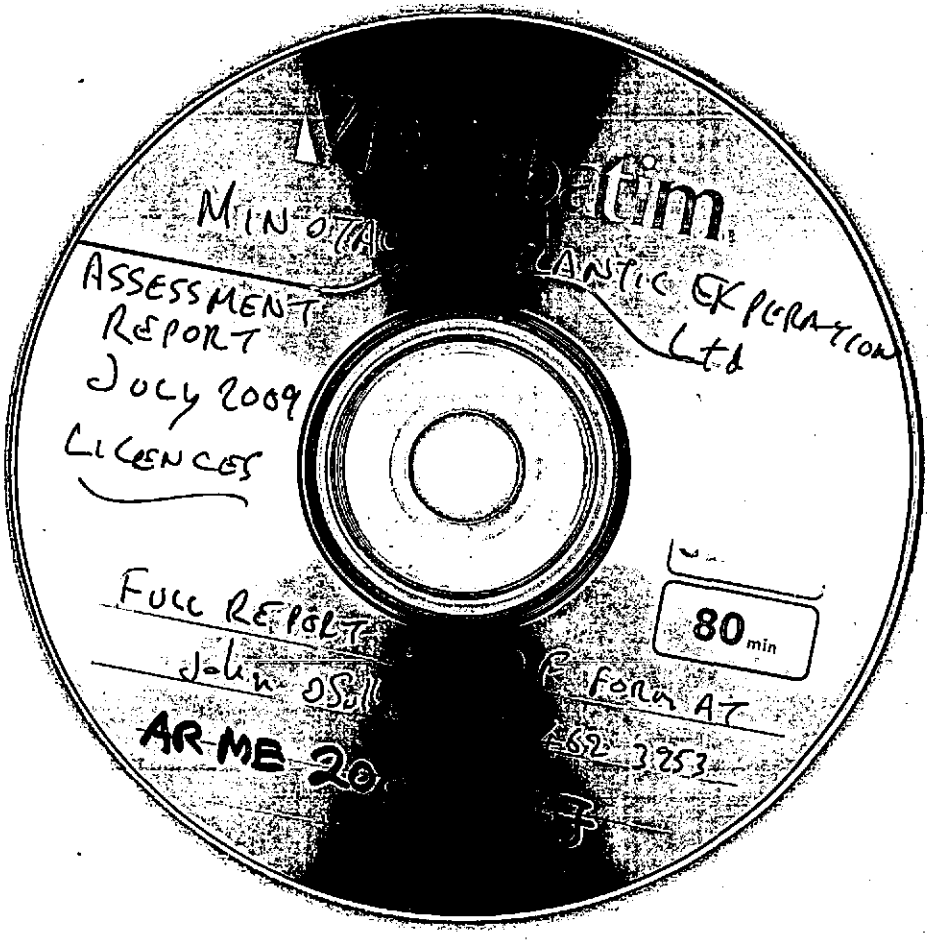
Sample No.	Easting	Northing	Description	Mag Susc (SI)	S.G.
OC-003	477459	5049362	Dark gray fine grained magnetic basalt	55 to 76	
OC-004	491143	5042142	Orange pink medium grained weakly magnetic granite	0.13 to 0.60	
OC-10	374367	5032339	Non magnetic Mylonite (sheared granite/volcanic?)	0.25 to 0.35	2.642
Quarry1	484098	5028591	Magnetite vescular basalt	5 to 10	
Quarry2	484173	5028496	Magnetite vescular basalt	5 to 10	

Appendix VII

Complete Gravity Data Listing

PDF Format Only

The photocopied CD/DVD was submitted with this report. The files from this CD/DVD can be downloaded through NovaScan.



NOVA SCOTIA
Natural Resources

Map 11E/5C
Refs. _____

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7404 Date of issue 13 July, 2008

64 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____ #	
5.	Other laboratory	_____ #	
6.	Grid: (a) (b) (c)		
7.	Geopl Airbo (a) (b) (c) (d) (e)	64 Geology $2,310.12	
8.	Geopl Grour (a) (b) (c) (d) (e) (f)	Ground Gravity $8,283.79 Gravity+25% $2,070.95 Gravity Modelling $4,156.35 Data comp. + report $5,351.42	
9.	Geoch (a) (b) (c) (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	Overheads $2,217.26 Grand Total $24,389.89 _____samples _____samples _____samples _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	_____/_____ m _____/_____ m _____/_____ m _____/_____ m _____/_____ m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

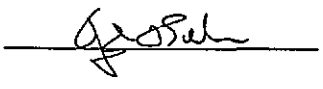
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7406 Date of issue 13 July, 2008

34 Claims

Type of Work		Amount Spent
1. Prospecting	_____ days	
2. Geological mapping	_____ days	
3. T		
4. A		
5. C		
6. G		
7. G		
8.		
9.		
(iii) Chips	_____ samples	
(c) (i) Soil	_____ samples	
(ii) Overburden	_____ samples	
(d) Gas	_____ samples	
(e) Biogeochemistry	_____ samples	
(f) Sample collection	_____ days	
(g) Other _____	_____	
10. Drilling:		
(a) Diamond (# holes/m)	____/____ m	
(b) Percussion (# holes/m)	____/____ m	
(c) Rotary (# holes/m)	____/____ m	
(d) Auger (# holes/m)	____/____ m	
(e) Reverse circulation (# holes/m)	____/____ m	
(f) Logging, supervision, etc.	_____ days	
(g) Sealing (# holes)	_____ #	
11. Other (describe)		
Subtotal		
Overhead costs		
12. Secretarial services	DNRMPT JUL 13'09 10:10	
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		
17. Legal fees		
18. Other (describe)		
Subtotal		
Grand total		

34

Geology	$1,227.25
Ground Gravity	$4,400.76
Gravity+25%	$1,100.19
Gravity Modelling	$2,208.06
Data comp. + report	$2,842.94
Overheads	$1,177.92
Grand Total	$12,957.13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ in the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7406a Date of issue 13 July, 2008

4 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis		
5.	Othe		
6.	Grid: (a) (b) (c)		
7.	Geo Airb (a) (b) (c) (d) (e)	4 Geology $144.38 Ground Gravity $517.74	
8.	Geo Gro (a) (b) (c) (d) (e) (f)	Gravity+25% $129.43 Gravity Modelling $259.77 Data comp. + report $334.46	
9.	Geo (a)	Overheads $138.58	
		Grand Total $1,524.37	
	(b)		
	(c) (ii) Chips (i) Soil (ii) Overburden	_____samples _____samples _____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		EXEMPT JUL13'09 10:10	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7407 Date of issue 13 July, 2008

6 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	#	
6.	Grid: (a) (b) (c)	6	
7.	Geophys Airborn (a) (b) (c) (d) (e)		
8.	Geophys Ground: (a) (b) (c) (d) (e) (f)		
9.	Geochei (a)		
	(i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

Geology	$216.57
Ground Gravity	$776.61
Gravity+25%	$194.15
Gravity Modelling	$389.66
Data comp. + report	$501.70
Overheads	$207.87
Grand Total	$2,286.55

DNRMPT JUL 13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ in the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7408 Date of issue 13 July, 2008

12 claims

	Type of Work			Amount Spent
1.	Prospecting		_____ days	
2.	Geological mapping		_____ days	
3.	Trenchin			
4.	Assaying			
5.	Other lal			
6.	Grid:		12	
	(a)			
	(b)			
	(c)	Geology	$433.15	
7.	Geophys Airborn			
	(a)	Ground Gravity	$1,553.21	
	(b)			
	(c)			
	(d)	Gravity+25%	$388.30	
	(e)			
8.	Geophys Ground:	Gravity Modelling	$779.31	
	(a)			
	(b)	Data comp. + report	$1,003.39	
	(c)			
	(d)	Overheads	$415.74	
	(e)			
	(f)	Grand Total	$4,573.10	
9.	Geocher			
	(a)			
	(b)			
	(c)			
	(d)			
	(e)			
	(f)			
	(g)			
10.	Drilling:			
	(a) Diamond (# holes/m)		_____/_____ m	
	(b) Percussion (# holes/m)		_____/_____ m	
	(c) Rotary (# holes/m)		_____/_____ m	
	(d) Auger (# holes/m)		_____/_____ m	
	(e) Reverse circulation (# holes/m)		_____/_____ m	
	(f) Logging, supervision, etc.		_____ days	
	(g) Sealing (# holes)		_____ #	
11.	Other (describe)			
		Subtotal		
Overhead costs				
12.	Secretarial services			
13.	Drafting services		DNRMPT JUL13'09 10:10	
14.	Office expenses (rent, heat, light, etc.)			
15.	Field supplies			
16.	Compensation paid to landowners			
17.	Legal fees			
18.	Other (describe)			
		Subtotal		
		Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5 C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7409 Date of issue 13 July, 2008

73 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid: (a) Line cutting (b) Picket setting (c) Flagging	 _____km _____km _____km	
7.			
8.	73 Geology $2,634.98 Ground Gravity $9,448.70 Gravity+25% $2,362.18		
9.	Gravity Modelling $4,740.83 Data comp. + report $6,103.97 Overheads $2,529.07 Grand Total $27,819.72		
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	 ____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia _____ on July 13 _____, 2009 _____.

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5A C
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7410 Date of issue 13 July, 2008

72 Claims

	Type of Work		Amount Spent
1.	Prospecting	____ days	
2.	Geological mapping	____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.			
5.			
6.			
7.			
8.			
9.			
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m ____ days ____ #	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

72

Geology	$2,598.88
Ground Gravity	$9,319.27
Gravity+25%	$2,329.82
Gravity Modelling	$4,675.89
Data comp. + report	$6,020.35
Overheads	$2,494.42
Grand Total	$27,438.63

DNRMPT JUL 13'08 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7412 Date of issue 13 July, 2008

42 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other l[illegible]		
6.	Grid: (a) (b) (c)		
7.	Geoph Airbor (a) (b) (c) (d) (e)		
8.	Geoph Grour (a) (b) (c) (d) (e) (f)		
9.	Geoch (a) (b) (c) (d) (e) (f) (g)		
10.	Drillin (a) (b) (c) (d) (e) (f) (g)		
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

42

Geology	$1,516.02
Ground Gravity	$5,436.24
Gravity+25%	$1,359.06
Gravity Modelling	$2,727.60
Data comp. + report	$3,511.87
Overheads	$1,455.08
Grand Total	$16,005.87

EXEMPT JUL13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/5D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7417 Date of issue 13 July, 2008

73 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Gr (a) (b) (c)		
7.	Ge All (a) (b) (c) (d) (e)		
8.	Ge Gr (a) (b) (c) (d) (e) (f)		
9.	Ge (a) (b) (c)	(i) Soil _____ (ii) Overburden _____samples (d) Gas _____samples (e) Biogeochemistry _____samples (f) Sample collection _____days (g) Other _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	_____/_____ m _____/_____ m _____/_____ m _____/_____ m _____/_____ m _____ days _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

73

Geology	$2,634.98
Ground Gravity	$9,448.70
Gravity+25%	$2,362.18
Gravity Modelling	$4,740.83
Data comp. + report	$6,103.97
Overheads	$2,529.07
Grand Total	$27,819.72

DNRMPT JUL13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/6C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7429 Date of issue 13 July, 2008

24 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m² / ____m³	
4.	Assaying & whole rock analysis	_____#	
5.	Other		
6.	Grid: (a) (b) (c)		
7.	Geopl Airbo (a) (b) (c) (d) (e)		
8.	Geopl Grou (a) (b) (c) (d) (e) (f)		
9.	Geoct (a) (b) (c) (d) (e) (f) (g)		
10.	Drillin (a) (b) (c) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

24

Geology	$866.29
Ground Gravity	$3,106.42
Gravity+25%	$776.61
Gravity Modelling	$1,558.63
Data comp. + report	$2,006.78
Overheads	$831.47
Grand Total	$9,146.21

DNRMPT JUL13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7444 Date of issue 13 July, 2008

20 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Gri (a) (b) (c)	20 Geology $721.91	
7.	Ge Ali (a) (b) (c) (d) (e)	Ground Gravity $2,588.69 Gravity+25% $647.17	
8.	Ge Gr (a) (b) (c) (d) (e) (f)	Gravity Modelling $1,298.86 Data comp. + report $1,672.32 Overheads $692.89	
9.	Ge (a) (b)	Grand Total $7,621.84 (i) Rock _____samples (ii) Core _____samples (iii) Chips _____samples	
	(c)	(i) Soil _____samples (ii) Overburden _____samples	
	(d)	Gas _____samples	
	(e)	Biogeochemistry _____samples	
	(f)	Sample collection _____days	
	(g)	Other _____	
10.	Drilling:		
	(a)	Diamond (# holes/m) ____/____ m	
	(b)	Percussion (# holes/m) ____/____ m	
	(c)	Rotary (# holes/m) ____/____ m	
	(d)	Auger (# holes/m) ____/____ m	
	(e)	Reverse circulation (# holes/m) ____/____ m	
	(f)	Logging, supervision, etc. _____ days	
	(g)	Sealing (# holes) _____#	
11.	Other (describe)		
		Subtotal	
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
		Subtotal	
		Grand total	

DNRMPT JUL 13'09 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interpiation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11 E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7445 Date of issue 13 July, 2008

17 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis		
5.	C		
6.	C		
7.	C	17	
		Geology $613.63	
		Ground Gravity $2,200.38	
8.	C	Gravity+25% $550.10	
		Gravity Modelling $1,104.03	
		Data comp. + report $1,421.47	
		Overheads $588.96	
9.	C	Grand Total $6,478.56	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services	DNRMPT JUL 13 '08 10:11	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7446 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping		
3.	Tren		
4.	Assa		
5.	Othe		
6.	Grid:	8	
	(a)	Geology $288.76	
	(b)		
	(c)		
7.	Geop Airb		
	(a)	Ground Gravity $1,035.47	
	(b)	Gravity+25% $258.87	
	(c)		
	(d)	Gravity Modelling $519.54	
	(e)		
8.	Geop Grou		
	(a)	Data comp. + report $668.93	
	(b)	Overheads $277.16	
	(c)		
	(d)	Grand Total $3,048.74	
	(e)		
	(f)		
9.	Geoc		
	(a)		
	(b)		
	(c)		
	(d)		
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ samples	
	(g) Other _____	_____ days	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____ / _____ m	
	(b) Percussion (# holes/m)	_____ / _____ m	
	(c) Rotary (# holes/m)	_____ / _____ m	
	(d) Auger (# holes/m)	_____ / _____ m	
	(e) Reverse circulation (# holes/m)	_____ / _____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services	DNRMPT JUL13'08 10:11	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

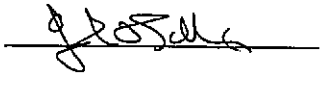
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map Refs. 11E/8D

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7450 Date of issue 13 July, 2008

64 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Geophy Airborn		
	(a)		
	(b)		
	(c)		
	(d)		
	(e)		
8.	Geophy Ground	64	
	(a) Geology	$2,310.12	
	(b)		
	(c) Ground Gravity	$8,283.79	
	(d)		
	(e) Gravity+25%	$2,070.95	
	(f)		
9.	Geoche		
	(a) Gravity Modelling	$4,156.35	
	(b) Data comp. + report	$5,351.42	
	(c) Overheads	$2,217.26	
	(d) Grand Total	$24,389.89	
	(e)		
	(f)		
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services	DNRMPT JUL13'09 10:11	
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan;April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7451 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.			
8.	Geology	$288.76	
	Ground Gravity	$1,035.47	
	Gravity+25%	$258.87	
	Gravity Modelling	$519.54	
	Data comp. + report	$668.93	
9.	Overheads	$277.16	
	Grand Total	$3,048.74	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

ONRMPT JUL 13'09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7452 Date of issue 13 July, 2008

10 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^3 / ____m^3	
4.			
5.			
6.			
		10	
7.	Geology	$360.96	
	Ground Gravity	$1,294.34	
	Gravity+25%	$323.59	
8.	Gravity Modelling	$649.43	
	Data comp. + report	$836.16	
	Overheads	$346.45	
9.	Grand Total	$3,810.92	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services	DNRMPT JUL13'09 10:11	
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11 E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7454 Date of issue 13 July, 2008

32 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^3 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.	32		
	Geology	$1,155.06	
	Ground Gravity	$4,141.90	
8.	Gravity+25%	$1,035.47	
	Gravity Modelling	$2,078.17	
	Data comp. + report	$2,675.71	
	Overheads	$1,108.63	
9.	Grand Total	$12,194.95	
10.			
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'08 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/10B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7461 Date of issue 13 July, 2008
4 CLAIMS 9 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other		
6.	Grid: (a) (b) (c)		
7.	Geoph Airbo (a) (b) (c) (d) (e)	9 Geology $324.86 Ground Gravity $1,164.91	
8.	Geopl Grour (a) (b) (c) (d) (e) (f)	Gravity+25% $291.23 Gravity Modelling $584.49 Data comp. + report $752.54	
9.	Geoc (a) (b) (c)	Overheads $311.80 Grand Total $3,429.83	
	(d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____days _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m DNRMPI dev 13 08 10:08 _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/10B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7462 Date of issue 13 July, 2008
~~6~~ claims 10 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.			
	10		
	Geology	$360.96	
8.			
	Ground Gravity	$1,294.34	
	Gravity+25%	$323.59	
	Gravity Modelling	$649.43	
9.			
	Data comp. + report	$836.16	
	Overheads	$346.45	
	Grand Total	$3,810.92	
	(d) GIS	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	DNRMPT Jul 13'08 10:08	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7476 Date of issue 13 July, 2008
18 claims 18 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Gri (a) (b) (c)		
7.	Ge Air (a) (b) (c) (d) (e)	18 Geology $649.72	
8.	Ge Gn (a) (b) (c) (d) (e) (f)	Ground Gravity $2,329.82 Gravity+25% $582.45 Gravity Modelling $1,168.97	
9.	Ge (a) (b) (c)	Data comp. + report $1,505.09 Overheads $623.61 Grand Total $6,859.66	
	(d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m _____ days _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs	DNRMPT JUL13'09 10:08	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Chartols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 116/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7479 Date of issue 13 July, 2008
12 claims 12 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____ #	
5.	Othe		
6.	Grid: (a) (b) (c)		
7.	Geo Airb (a) (b) (c) (d) (e)	12 Geology $433.15 / Ground Gravity $1,553.21	
8.	Geo Gro (a) (b) (c) (d) (e) (f)	Gravity+25% $388.30 / Gravity Modelling $779.31 / Data comp. + report $1,003.39	
9.	Ge (a) (b) (c) (d) (e) (f) (g)	Overheads $415.74 / Grand Total $4,573.10 (i) Soil _____ samples (ii) Overburden _____ samples Gas _____ samples Biogeochemistry _____ samples Sample collection _____ days Other _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m _____ days	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

ONRMPT JUL 13'09 10:08

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7485 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.			
8.	Geology	$288.76	
	Ground Gravity	$1,035.47	
	Gravity+25%	$258.87	
	Gravity Modelling	$519.54	
9.	Data comp. + report	$668.93	
	Overheads	$277.16	
	Grand Total	$3,048.74	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:	DNRMPT JUL 13'09 10:08	
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs. _____

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7486 Date of issue 13 July, 2008

56 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory		
6.	Grid:	56	
	(a)	Geology $2,021.35	
	(b)		
	(c)		
7.	Geopl	Ground Gravity $7,248.32	
	Airbo		
	(a)	Gravity+25% $1,812.08	
	(b)		
	(c)		
	(d)	Gravity Modelling $3,636.80	
	(e)		
8.	Geopl	Data comp. + report $4,682.50	
	Grour		
	(a)	Overheads $1,940.10	
	(b)		
	(c)		
	(d)	Grand Total $21,341.15	
	(e)		
	(f)		
9.	Geochemical surveys		
	(a) Lake, stream, spring		
	(i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(II) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:	/ m	
	(a) Diamond (# holes/m)	/ m	
	(b) Percussion (# holes/m)	/ m	
	(c) Rotary (# holes/m)	/ m	
	(d) Auger (# holes/m)	/ m	
	(e) Reverse circulation (# holes/m)	/ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13 2009 10:08

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth **In the Province of** Nova Scotia **on** July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature John O'Sullivan

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7487 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.			
8.	Geology	$288.76	
	Ground Gravity	$1,035.47	
	Gravity+25%	$258.87	
	Gravity Modelling	$519.54	
	Data comp. + report	$668.93	
9.	Overheads	$277.16	
	Grand Total	$3,048.74	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNDMP JUL 13 '09 10:08

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7488 Date of issue 13 July, 2008

19 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis		
5.			
6.			
7.	19		
	Geology	$685.82	
	Ground Gravity	$2,459.25	
8.	Gravity+25%	$614.81	
	Gravity Modelling	$1,233.92	
	Data comp. + report	$1,588.70	
	Overheads	$658.25	
9.	Grand Total	$7,240.75	
	(ii) Core	_____ samples	
	(iii) Chips	_____ samples	
(c)	(i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
(d)	Gas	_____ samples	
(e)	Biogeochemistry	_____ samples	
(f)	Sample collection	_____ days	
(g)	Other _____	_____	
10.	Drilling:		
(a)	Diamond (# holes/m)	____ / ____ m	
(b)	Percussion (# holes/m)	____ / ____ m	
(c)	Rotary (# holes/m)	____ / ____ m	
(d)	Auger (# holes/m)	____ / ____ m	
(e)	Reverse circulation (# holes/m)	____ / ____ m	
(f)	Logging, supervision, etc.	_____ days	
(g)	Sealing (# holes)	_____ #	
11.	Other (describe)	DNRMPT JUL13'09 10:08	
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7489 Date of issue 13 July, 2008

74 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	74		
	Geology	$2,671.07	
	Ground Gravity	$9,578.14	
8.	Gravity+25%	$2,394.53	
	Gravity Modelling	$4,805.77	
	Data comp. + report	$6,187.58	
	Overheads	$2,563.71	
9.	Grand Total	$28,200.81	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

RECEIPT JUL 13 '09 10:08

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7494 Date of issue 13 July, 2008

64 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Ge Al (a) (b) (c) (d) (e)		
8.	Ge Gr (a) (b) (c) (d) (e) (f)	64	
	Geology	$2,310.12	
	Ground Gravity	$8,283.79	
	Gravity+25%	$2,070.95	
9.	Ge (a)		
	Gravity Modelling	$4,156.35	
	(b) Data comp. + report	$5,351.42	
	(c) Overheads	$2,217.26	
	(d) Grand Total	$24,389.89	
	(e) (f) (g) Other _____	_____days	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ **In the Province of** Nova Scotia _____ **on** July 13 _____, 2009.

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7495 Date of issue 13 July, 2008

80 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m³ / ____m³	
4.	Assaying & whole rock analysis	_____#	
5.	Cl		
6.	Gi (a (b (c		
7.	Gi Al (a (b (c (d (e	80	
8.	Gi G (a (b (c (d (e (f		
9.	G (a		
	(b,	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

Geology	$2,887.65
Ground Gravity	$10,354.74
Gravity+25%	$2,588.69
Gravity Modelling	$5,195.43
Data comp. + report	$6,689.28
Overheads	$2,771.58
Grand Total	$30,487.36

RECEIVED JUL 18 '09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

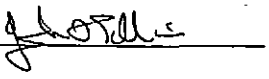
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7496 Date of issue 13 July, 2008

32 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid: (a) (b) (c)		
7.	Geophy Airborn (a) (b) (c) (d) (e)		
8.	Geophy Ground (a) (b) (c) (d) (e) (f)		
9.	Geoche (a) (b) (c) (d) (e) (f) (g)		
10.	Drilling: (a) (b) (c) (d) (e) (f) (g)		
11.	Other (describ		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

32

Geology	$1,155.06
Ground Gravity	$4,141.90
Gravity+25%	$1,035.47
Gravity Modelling	$2,078.17
Data comp. + report	$2,675.71
Overheads	$1,108.63
Grand Total	$12,194.95

DNRMPT JUL13'09 10:03

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7497 Date of issue 13 July, 2008

80 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m² / ____m³	
4.	Assay		
5.	Other		
6.	Grid: (a) (b) (c)	80	
7.	Geop Airbc (a) (b) (c) (d) (e)	Geology $2,887.65 Ground Gravity $10,354.74 Gravity+25% $2,588.69	
8.	Geop Grou (a) (b) (c) (d) (e) (f)	Gravity Modelling $5,195.43 Data comp. + report $6,689.28 Overheads $2,771.58	
9.	Geocl (a)	Grand Total $30,487.36	
	(i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)		
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

RECEIVED JUL 13 '08 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. ~~7489~~ 7498 Date of issue 13 July, 2008

72 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Tren		
4.	Assi		
5.	Othe		
6.	Grid (a) (b) (c)	72	
7.	Geo Airb (a) (b) (c) (d) (e)	Geology $2,598.88 Ground Gravity $9,319.27 Gravity+25% $2,329.82	
8.	Geo Gro (a) (b) (c) (d) (e) (f)	Gravity Modelling $4,675.89 Data comp. + report $6,020.35 Overheads $2,494.42 Grand Total $27,438.63	
9.	Geo (a) (b) (c) (d) (e) (f) Sample collection (g) Other _____	_____ days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m _____ days _____ #	RECEIVED JUL 13 '09 10:09
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7499 Date of issue 13 July, 2008

24 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____ #	
5.	Other laboratory		
6.	Grid: (a) (b) (c)		
7.	Geophys Airborne (a) (b) (c) (d) (e)		
8.	Geophys Ground: (a) (b) (c) (d) (e) (f)		
9.	Geocher (a)		
	(b) (ii) Core (iii) Chips	_____ samples _____ samples	
	(c) (i) Soil (ii) Overburden	_____ samples _____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ days	
	(g) Other _____		
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m _____ days _____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

24

Geology	$866.29
Ground Gravity	$3,106.42
Gravity+25%	$776.61
Gravity Modelling	$1,558.63
Data comp. + report	$2,006.78
Overheads	$831.47
Grand Total	$9,146.21

RECEIVED JUL 13'08 10:08

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7505 Date of issue 13 July, 2008

80 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Oth		
6.	Gr (a) (b) (c)		
7.	Ge Al (a) (b) Geology $2,887.65 (c) (d) Ground Gravity $10,354.74 (e)	80	
8.	Ge Gr (a) (b) Gravity Modelling $5,195.43 (c) (d) Data comp. + report $6,689.28 (e) (f)	Gravity+25% $2,588.69	
9.	G (a) Overheads $2,771.58 Grand Total $30,487.36		
	(b) (i) Rock (ii) Core (iii) Chips	_____samples _____samples _____samples	
	(c) (i) Soil (ii) Overburden	_____samples _____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/11B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7506 Date of issue 13 July, 2008

9 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.			
	9		
	Geology	$324.86	
	Ground Gravity	$1,164.91	
8.	Gravity+25%	$291.23	
	Gravity Modelling	$584.49	
	Data comp. + report	$752.54	
9.	Overheads	$311.80	
	Grand Total	$3,429.83	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services.		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

ONHPT JUL 13 '09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 116/12A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7513 Date of issue 13 July, 2008

80 claims

Type of Work		Amount Spent
1. Prospecting	_____ days	
2. Geological mapping	_____ days	
3. Trenching/stripping/refilling	____m^2 / ____m^3	
4. Assaying &		
5. Other labora		
6. Grid: (a) Li (b) Pi (c) Fl		
7. Geophysica Airborne: (a) El (b) M (c) R (d) C (e) O		
8. Geophysica Ground: (a) E (b) S (c) M (d) I (e) G (f) C		
9. Geochemic (a) Lake, sediment, spring		
(i) Water	_____samples	
(ii) Sediments	_____samples	
(b) (i) Rock	_____samples	
(ii) Core	_____samples	
(iii) Chips	_____samples	
(c) (i) Soil	_____samples	
(ii) Overburden	_____samples	
(d) Gas	_____samples	
(e) Biogeochemistry	_____samples	
(f) Sample collection	_____days	
(g) Other _____	_____	
10. Drilling:		
(a) Diamond (# holes/m)	____/____ m	
(b) Percussion (# holes/m)	____/____ m	
(c) Rotary (# holes/m)	____/____ m	
(d) Auger (# holes/m)	____/____ m	
(e) Reverse circulation (# holes/m)	____/____ m	
(f) Logging, supervision, etc.	_____ days	
(g) Sealing (# holes)	_____#	
11. Other (describe)	DNRMPT JUL13'09 10:09	
Subtotal		
Overhead costs		
12. Secretarial services		
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		
17. Legal fees		
18. Other (describe)		
Subtotal		
Grand total		

Geology	$2,887.65
Ground Gravity	$10,354.74
Gravity+25%	$2,588.69
Gravity Modelling	$5,195.43
Data comp. + report	$6,689.28
Overheads	$2,771.58
Grand Total	$30,487.36

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7514 Date of issue 13 July, 2008

52 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____ #	
5.	Other laboratory	_____ #	
6.	Grid: (a) Line cutting (b) Picket setting (c) Flagging	_____ km _____ km	
7.			
8.			
9.			
	(e) Biogeochemistry (f) Sample collection (g) Other _____	_____ samples _____ days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m _____ days _____ #	
11.	Other (describe)	DNRMPT JUL13'09 10:09	
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

52

Geology	$1,876.97
Ground Gravity	$6,730.58
Gravity+25%	$1,682.65
Gravity Modelling	$3,377.03
Data comp. + report	$4,348.03
Overheads	$1,801.53
Grand Total	$19,816.79

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 115/12A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7515 Date of issue 13 July, 2008

39 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid: (a) (b) (c)	39	
7.	Geophy Airborn (a) (b) (c) (d) (e)	Geology $1,407.73 Ground Gravity $5,047.94 Gravity+25% $1,261.98	
8.	Geophy Ground (a) (b) (c) (d) (e) (f)	Gravity Modelling $2,532.77 Data comp. + report $3,261.02 Overheads $1,351.14 Grand Total $14,862.59	
9.	Geoche (a) (i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
		Subtotal	
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
		Subtotal	
		Grand total	

DNRMPT JUL 13'09 10:05

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11 E/12A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7516 Date of issue 13 July, 2008

64 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.			
5.			
6.			
7.			
8.			
9.			
	(b) (ii) Sediments	_____samples	
	(i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)		
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

64

Geology	$2,310.12
Ground Gravity	$8,283.79
Gravity+25%	$2,070.95
Gravity Modelling	$4,156.35
Data comp. + report	$5,351.42
Overheads	$2,217.26
Grand Total	$24,389.89

DNRMPT JUL 13'09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7517 Date of issue 13 July, 2008

12 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Gl (a (b (c		
7.	Gl Al (a (b (c (d (e	12 Geology $433.15	
8.	Gl Gl (a (b (c (d (e (f	Ground Gravity $1,553.21 Gravity+25% $388.30 Gravity Modelling $779.31	
9.	G (a (b (c (c (e) Biogeochemistry (f) Sample collection (g) Other _____	Data comp. + report $1,003.39 Overheads $415.74 Grand Total $4,573.10 _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	_____/_____ m _____/_____ m _____/_____ m _____/_____ m _____/_____ m _____ days _____#	
11.	Other (describe)		
	Subtotal	DNRMPT JUL13'09 10:09	
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7531 Date of issue 13 July, 2008

18 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Ge… Air		
	(a)		
	(b)		
	(c)		
	(d)		
	(e)		
8.	Ge… Gr…	18	
	(a) Geology	$649.72	
	(b)		
	(c)		
	(d)		
	(e) Ground Gravity	$2,329.82	
	(f)		
9.	Ge…		
	(a) Gravity+25%	$582.45	
	Gravity Modelling	$1,168.97	
	(b)		
	Data comp. + report	$1,505.09	
	(c)		
	Overheads	$623.61	
	(d)		
	(e)		
	(f) Grand Total	$6,859.66	
	(g)		
10.	Dril…		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal	DNRMPT JUL 13'09 10:05	
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ in the Province of Nova Scotia _____ on July 13 _____, 2009 _____.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7532 Date of issue 13 July, 2008

11 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	11 Geology	$397.05	
7.	Ground Gravity	$1,423.78	
	Gravity+25%	$355.94	
8.	Gravity Modelling	$714.37	
	Data comp. + report	$919.78	
	Overheads	$381.09	
	Grand Total	$4,192.01	
9.	(a) (i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'09 10:09

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7533 Date of issue 13 July, 2008

32 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.	32		
	Geology	$1,155.06	
	Ground Gravity	$4,141.90	
8.	Gravity+25%	$1,035.47	
	Gravity Modelling	$2,078.17	
	Data comp. + report	$2,675.71	
	Overheads	$1,108.63	
9.	Grand Total	$12,194.95	
10.			
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		DNRMPT JUL13'09 10:09	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

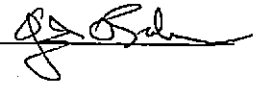
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth **in the Province of** Nova Scotia **on** July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7534 Date of issue 13 July, 2008

57 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.			
4.			
5.			
6.		57	
	Geology	$2,057.45	
7.	Ground Gravity	$7,377.75	
	Gravity+25%	$1,844.44	
	Gravity Modelling	$3,701.75	
8.	Data comp. + report	$4,766.11	
	Overheads	$1,974.75	
	Grand Total	$21,722.25	
9.	(a) (i) Water	_____ samples	
	(ii) Sediments	_____ samples	
	(b) (i) Rock	_____ samples	
	(ii) Core	_____ samples	
	(iii) Chips	_____ samples	
	(c) (i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ samples	
	(g) Other _____	_____ days	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____ / _____ m	
	(b) Percussion (# holes/m)	_____ / _____ m	
	(c) Rotary (# holes/m)	_____ / _____ m	
	(d) Auger (# holes/m)	_____ / _____ m	
	(e) Reverse circulation (# holes/m)	_____ / _____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services	DNRMPT JUL13 09 10:09	
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7536 Date of issue 13 July, 2008

10 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.		10	
	Geology	$360.96	
8.	Ground Gravity	$1,294.34	
	Gravity+25%	$323.59	
	Gravity Modelling	$649.43	
9.	Data comp. + report	$836.16	
	Overheads	$346.45	
	Grand Total	$3,810.92	
	(ii) Overburden	_____samples	
(d)	Gas	_____samples	
(e)	Biogeochemistry	_____samples	
(f)	Sample collection	_____days	
(g)	Other _____	_____	
10.	Drilling:		
(a)	Diamond (# holes/m)	____/____ m	
(b)	Percussion (# holes/m)	____/____ m	
(c)	Rotary (# holes/m)	____/____ m	
(d)	Auger (# holes/m)	____/____ m	
(e)	Reverse circulation (# holes/m)	____/____ m	
(f)	Logging, supervision, etc.	_____ days	
(g)	Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services	DNRMPT JUL13'09 10:09	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth **In the Province of** Nova Scotia **on** July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7537 Date of issue 13 July, 2008

5 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other		
6.	Grid: (a) (b) (c)		
7.	Geop Airbo (a) Geology	5 $180.48	
	(b) (c) (d) (e) Ground Gravity	$647.17	
8.	Geop Grou Gravity+25%	$161.79	
	(a) (b) Gravity Modelling	$324.71	
	(c) (d) (e) Data comp. + report	$418.08	
	(f)		
9.	Geoc (a) Overheads	$173.22	
	Grand Total	$1,905.46	
	(b) [illegible] (ii) Core (iii) Chips	_____samples _____samples	
	(c) (i) Soil (ii) Overburden	_____samples _____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling: (a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

ONRMPT JUL 10 2009 10:10

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ in the Province of Nova Scotia _____ on July 13 _____, 2009.

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7539 Date of issue 13 July, 2008

18 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Ge Al: (a) (b) (c) (d) (e)		
8.	Gr Gr (a) (b) (c) (d) (e) (f)	18 Geology $649.72 Ground Gravity $2,329.82 Gravity+25% $582.45 Gravity Modelling $1,168.97 Data comp. + report $1,505.09 Overheads $623.61 Grand Total $6,859.66	
9.	G (a (b (c (e (f (g		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)	DNRMPT JUL13'09 10:10	
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/12B
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7540 Date of issue 13 July, 2008

16 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory		
6.	Gri (a) (b) (c)		
7.	Ge Airl (a) (b) (c) (d) (e)	16 Geology $577.53	
8.	Ge Gr (a) (b) (c) (d) (e) (f)	Ground Gravity $2,070.95 Gravity+25% $517.74 Gravity Modelling $1,039.09 Data comp. + report $1,337.86	
9.	Ge (a) (b)	Overheads $554.32 Grand Total $6,097.47	
	(c) (iii) Chips (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____samples _____days _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	_____/_____m _____/_____m _____/_____m _____/_____m _____/_____m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		DNRMPT JUL 13'09 10:10	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April.2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11F/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7551 Date of issue 13 July, 2008

24 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____ #	
5.	Other laboratory	_____ #	
6.	Grid:		
7.			
	24		
	Geology	$866.29	
8.	Ground Gravity	$3,106.42	
	Gravity+25%	$776.61	
	Gravity Modelling	$1,658.63	
9.	Data comp. + report	$2,006.78	
	Overheads	$831.47	
	Grand Total	$9,146.21	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ samples	
	(g) Other _____	_____ days	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services	DNRMPT JUL13'09 10:11	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11 F/6 C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. ~~7553~~ 7953 Date of issue 13 July, 2008

32 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	O		
6.	G (a (b (c		
7.	G A (a (b (c (c (e	32 Geology $1,155.06 Ground Gravity $4,141.90	
8.	G G (a (b (c (c (e (f	Gravity+25% $1,035.47 Gravity Modelling $2,078.17 Data comp. + report $2,675.71 Overheads $1,108.63	
9.	G (a	Grand Total $12,194.95	
	(b		
	(c		
	(c (c (e (f (g		
10.	D (a (b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services	DNRMPT JUL13'09 10:11	
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Putnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11F/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7554 Date of issue 13 July, 2008

80 claims

	Type of Work			Amount Spent
1.	Prospecting		_____ days	
2.	Geological mapping		_____ days	
3.	Trenching/stripping/refilling		____m^2 / ____m^3	
4.	Assaying & whole rock analysis		_____#	
5.	Other lal			
6.	Grid: (a) (b) (c)			
7.	Geophy: Airborn (a) (b) (c) (d) (e)	80 Geology	$2,887.65	
		Ground Gravity	$10,354.74	
8.	Geophy: Ground (a) (b) (c) (d) (e) (f)	Gravity+25%	$2,588.69	
		Gravity Modelling	$5,195.43	
		Data comp. + report	$6,689.28	
9.	Geoche (a)	Overheads	$2,771.58	
		Grand Total	$30,487.36	
	(b) (i) Rock		_____samples	
	(ii) Core		_____samples	
	(iii) Chips		_____samples	
	(c) (i) Soil		_____samples	
	(ii) Overburden		_____samples	
	(d) Gas		_____samples	
	(e) Biogeochemistry		_____samples	
	(f) Sample collection		_____days	
	(g) Other _____		_____	
10.	Drilling:			
	(a) Diamond (# holes/m)		____/____m	
	(b) Percussion (# holes/m)		____/____m	
	(c) Rotary (# holes/m)		____/____m	
	(d) Auger (# holes/m)		____/____m	
	(e) Reverse circulation (# holes/m)		____/____m	
	(f) Logging, supervision, etc.		_____days	
	(g) Sealing (# holes)		_____#	
11.	Other (describe)			
		Subtotal		
Overhead costs				
12.	Secretarial services		DNRMPT JUL 13'09 10:11	
13.	Drafting services			
14.	Office expenses (rent, heat, light, etc.)			
15.	Field supplies			
16.	Compensation paid to landowners			
17.	Legal fees			
18.	Other (describe)			
		Subtotal		
		Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/6C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7555 Date of issue 13 July, 2008

30 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.			
8.	30 Geology Ground Gravity Gravity+25% Gravity Modelling Data comp. + report	$1,082.87 $3,883.03 $970.76 $1,948.29 $2,508.48	
9.	Overheads	$1,039.34	
	Grand Total	$11,432.76	
	(c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____days _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map Refs. 11F/5C

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7556 Date of issue 13 July, 2008

32 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.			
	32		
	Geology	$1,155.06	
8.	Ground Gravity	$4,141.90	
	Gravity+25%	$1,035.47	
	Gravity Modelling	$2,078.17	
9.	Data comp. + report	$2,675.71	
	Overheads	$1,108.63	
	Grand Total	$12,194.95	
10.			
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	____/____m	
	(g) Sealing (# holes)	_____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11F/5C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7557 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.			
7.			
	8		
	Geology	$288.76	
8.	Ground Gravity	$1,035.47	
	Gravity+25%	$258.87	
	Gravity Modelling	$519.54	
9.	Data comp. + report	$668.93	
	Overheads	$277.16	
	Grand Total	$3,048.74	
	(g) Other _____	_____ days	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMRT JUL13'09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7567 Date of issue 13 July, 2008

31 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	_____m^3 / _____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	31		
	Geology	$1,118.96	
	Ground Gravity	$4,012.46	
8.	Gravity+25%	$1,003.12	
	Gravity Modelling	$2,013.23	
	Data comp. + report	$2,592.10	
	Overheads	$1,073.99	
9.	Grand Total	$11,813.85	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____/_____m	
	(b) Percussion (# holes/m)	_____/_____m	
	(c) Rotary (# holes/m)	_____/_____m	
	(d) Auger (# holes/m)	_____/_____m	
	(e) Reverse circulation (# holes/m)	_____/_____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

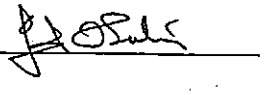
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7569 Date of issue 13 July, 2008

40 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.			
4.			
5.			
6.		40	
	Geology	$1,443.82	
7.	Ground Gravity	$5,177.37	
	Gravity+25%	$1,294.34	
	Gravity Modelling	$2,597.72	
8.	Data comp. + report	$3,344.64	
	Overheads	$1,385.79	
	Grand Total	$15,243.68	
9.			
	(i) Water	_____ samples	
	(ii) Sediments	_____ samples	
(b)	(i) Rock	_____ samples	
	(ii) Core	_____ samples	
	(iii) Chips	_____ samples	
(c)	(i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
(d)	Gas	_____ samples	
(e)	Biogeochemistry	_____ samples	
(f)	Sample collection	_____ days	
(g)	Other _____		
10.	Drilling:		
(a)	Diamond (# holes/m)	____ / ____ m	
(b)	Percussion (# holes/m)	____ / ____ m	
(c)	Rotary (# holes/m)	____ / ____ m	
(d)	Auger (# holes/m)	____ / ____ m	
(e)	Reverse circulation (# holes/m)	____ / ____ m	
(f)	Logging, supervision, etc.	_____ days	
(g)	Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal	DNRMPT JUL13'09 10:12	
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7570 Date of issue 13 July, 2008

56 claims

	Type of Work			Amount Spent
1.	Prospecting		_____ days	
2.	Geol			
3.	Tren			
4.	Assa			
5.	Othe			
		56		
6.	Grid:	Geology	$2,021.35	
	(a)			
	(b)			
	(c)	Ground Gravity	$7,248.32	
7.	Geop			
	Airbo	Gravity+25%	$1,812.08	
	(a)			
	(b)			
	(c)	Gravity Modelling	$3,636.80	
	(d)			
	(e)	Data comp. + report	$4,682.50	
8.	Geop			
	Grou	Overheads	$1,940.10	
	(a)			
	(b)			
	(c)	Grand Total	$21,341.15	
	(d)			
	(e)			
	(f)	Other _____	_____ km	
9.	Geochemical surveys			
	(a)	Lake, stream, spring		
		(i) Water	_____ samples	
		(ii) Sediments	_____ samples	
	(b)	(i) Rock	_____ samples	
		(ii) Core	_____ samples	
		(iii) Chips	_____ samples	
	(c)	(i) Soil	_____ samples	
		(ii) Overburden	_____ samples	
	(d)	Gas	_____ samples	
	(e)	Biogeochemistry	_____ samples	
	(f)	Sample collection	_____ days	
	(g)	Other _____	_____	
10.	Drilling:			
	(a)	Diamond (# holes/m)	____/____ m	
	(b)	Percussion (# holes/m)	____/____ m	
	(c)	Rotary (# holes/m)	____/____ m	
	(d)	Auger (# holes/m)	____/____ m	
	(e)	Reverse circulation (# holes/m)	____/____ m	
	(f)	Logging, supervision, etc.	_____ days	
	(g)	Sealing (# holes)	_____ #	
11.	Other (describe)			
		Subtotal		
Overhead costs			DNRMPT JUL 13'09 10:11	
12.	Secretarial services			
13.	Drafting services			
14.	Office expenses (rent, heat, light, etc.)			
15.	Field supplies			
16.	Compensation paid to landowners			
17.	Legal fees			
18.	Other (describe)			
		Subtotal		
		Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

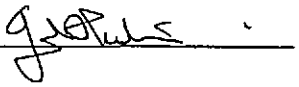
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7571 Date of issue 13 July, 2008

4 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Oth		
6.	Grid (a) (b) (c)		
7.	Gec Airt (a) Geology (b) (c) (d) (e) Ground Gravity	4 $144.38 $517.74	
8.	Gec Gro (a) Gravity+25% (b) (c) Gravity Modelling (d) (e) Data comp. + report (f)	$129.43 $259.77 $334.46	
9.	Gec (a) Overheads Grand Total (b)	$138.58 $1,524.37	
	(c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

UNRMPT JUL 13 '09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7572 Date of issue 13 July, 2008

16 claims

Type of Work			Amount Spent
1. Prospecting		_____ days	
2. Geolo			
3. Trenc			
4. Assay			
5. Other			
6. Grid:		16	
(a)	Geology	$577.53	
(b)			
(c)			
7. Geop / Airbo			
(a)	Ground Gravity	$2,070.95	
(b)	Gravity+25%	$517.74	
(c)			
(d)	Gravity Modelling	$1,039.09	
(e)			
8. Geo / Gro			
(a)	Data comp. + report	$1,337.86	
(b)	Overheads	$554.32	
(c)			
(d)	Grand Total	$6,097.47	
(e)			
(f) Other _____		_____	
9. Geochemical surveys			
(a) Lake, stream, spring			
(i) Water		_____ samples	
(ii) Sediments		_____ samples	
(b) (i) Rock		_____ samples	
(ii) Core		_____ samples	
(iii) Chips		_____ samples	
(c) (i) Soil		_____ samples	
(ii) Overburden		_____ samples	
(d) Gas		_____ samples	
(e) Biogeochemistry		_____ samples	
(f) Sample collection		_____ days	
(g) Other _____		_____	
10. Drilling:			
(a) Diamond (# holes/m)		____/____ m	
(b) Percussion (# holes/m)		____/____ m	
(c) Rotary (# holes/m)		____/____ m	
(d) Auger (# holes/m)		____/____ m	
(e) Reverse circulation (# holes/m)		____/____ m	
(f) Logging, supervision, etc.		_____ days	
(g) Sealing (# holes)		_____ #	
11. Other (describe)			
Subtotal			
Overhead costs			
12. Secretarial services			
13. Drafting services			
14. Office expenses (rent, heat, light, etc.)			
15. Field supplies			
16. Compensation paid to landowners			
17. Legal fees			
18. Other (describe)			
Subtotal			
Grand total			

DNRMPT JUL13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth **in the Province of** Nova Scotia **on** July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21 H/10
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7573 Date of issue 13 July, 2008

80 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other labor		
6.	Grid: (a) L (b) F (c) F		
7.	Geophysics Airborne: (a) E (b) M (c) F (d) C (e) C		
8.	Geophysics Ground: (a) E (b) S (c) M (d) I (e) C (f) C		
9.	Geochemic (a) L (((b) (i) Rock (ii) Core (iii) Chips (c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____samples _____samples _____samples _____days _____	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m _____ days _____#	
11.	Other (describe)		
	Subtotal	DNRMPT JUL18'09 10:12	
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

80

Geology	$2,887.65
Ground Gravity	$10,354.74
Gravity+25%	$2,588.69
Gravity Modelling	$5,195.43
Data comp. + report	$6,689.28
Overheads	$2,771.58
Grand Total	$30,487.36

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7574 Date of issue 13 July, 2008

74 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	_____m^2 / _____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	G		
	A	74	
	(a		
	(b Geology	$2,671.07	
	(c		
	(c Ground Gravity	$9,578.14	
	(e		
8.	G		
	G Gravity+25%	$2,394.53	
	(a		
	(b Gravity Modelling	$4,805.77	
	(c		
	(c Data comp. + report	$6,187.58	
	(e		
	(f		
9.	G Overheads	$2,563.71	
	(a		
	Grand Total	$28,200.81	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____/_____ m	
	(b) Percussion (# holes/m)	_____/_____ m	
	(c) Rotary (# holes/m)	_____/_____ m	
	(d) Auger (# holes/m)	_____/_____ m	
	(e) Reverse circulation (# holes/m)	_____/_____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs	DNRMPT JUL 13'09 10:32	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interpation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth **in the Province of** Nova Scotia **on** July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/7D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7575 Date of issue 13 July, 2008

36 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	G		
3.	T		
4.	A		
5.	C		
6.	G	36	
	(	Geology	$1,299.44
	(	Ground Gravity	$4,659.63
7.	G		
	A	Gravity+25%	$1,164.91
	(	Gravity Modelling	$2,337.94
	(	Data comp. + report	$3,010.18
8.	G		
	G	Overheads	$1,247.21
	(	Grand Total	$13,719.31
9.	G		
	(		
	(		
	(c) (i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____ / _____ m	
	(b) Percussion (# holes/m)	_____ / _____ m	
	(c) Rotary (# holes/m)	_____ / _____ m	
	(d) Auger (# holes/m)	_____ / _____ m	
	(e) Reverse circulation (# holes/m)	_____ / _____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'08 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

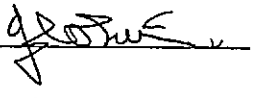
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8C
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7578 Date of issue 13 July, 2008

48 claims

Type of Work		Amount Spent
1. Prospecting	_____ days	
2. Geological mapping	_____ days	
3. Tr		
4. A		
5. O		
6. G (a (b (c		
7. G A (a (b (c (c (e		
8. G G (a (b (c (c (e		
9. G (a (b (c) (i) Soil	_____ samples	
(ii) Overburden	_____ samples	
(d) Gas	_____ samples	
(e) Biogeochemistry	_____ samples	
(f) Sample collection	_____ days	
(g) Other _____		
10. Drilling:		
(a) Diamond (# holes/m)	____/____ m	
(b) Percussion (# holes/m)	____/____ m	
(c) Rotary (# holes/m)	____/____ m	
(d) Auger (# holes/m)	____/____ m	
(e) Reverse circulation (# holes/m)	____/____ m	
(f) Logging, supervision, etc.	_____ days	
(g) Sealing (# holes)	_____ #	
11. Other (describe)		
Subtotal		
Overhead costs		
12. Secretarial services		
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		
17. Legal fees		
18. Other (describe)		
Subtotal		
Grand total		

48

Geology	$1,732.59
Ground Gravity	$6,212.84
Gravity+25%	$1,553.21
Gravity Modelling	$3,117.26
Data comp. + report	$4,013.57
Overheads	$1,662.95
Grand Total	$18,292.42

DNRMPT JUL13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8E
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7579 Date of issue 13 July, 2008

75 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.		75	
6.	Geology	$2,707.17	
	Ground Gravity	$9,707.57	
7.	Gravity+25%	$2,426.89	
	Gravity Modelling	$4,870.72	
	Data comp. + report	$6,271.20	
8.	Overheads	$2,598.35	
	Grand Total	$28,581.90	
9.			
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

ENRMPT JUL 13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Chartois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8E
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7581 Date of issue 13 July, 2008

72 claims

	Type of Work		Amount Spent
1.	Prospecting	____ days	
2.	Geological mapping	____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.			
5.			
6.			
7.	72 Geology Ground Gravity Gravity+25% Gravity Modelling Data comp. + report Overheads Grand Total	$2,598.88 $9,319.27 $2,329.82 $4,675.89 $6,020.35 $2,494.42 $27,438.63	
8.			
9.			
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____ m ____/____ m ____/____ m ____/____ m ____/____ m ____ days ____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs		RNRMPT JUL13'09 10:12	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnlco, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7582. Date of issue 13 July 2008

80 claims

				Amount Spent
1.	Pros			
2.	Geol			
3.	Tren		80	
4.	Assa	Geology	$2,887.65	
5.	Othe	Ground Gravity	$10,354.74	
6.	Grid:	Gravity+25%	$2,588.69	
	(a)			
	(b)			
	(c)	Gravity Modelling	$5,195.43	
7.	Geo			
	Airb	Data comp. + report	$6,689.28	
	(a)			
	(b)			
	(c)	Overheads	$2,771.58	
	(d)			
	(e)	Grand Total	$30,487.36	
8.	Geo			
	Ground:			
	(a)	EM/VLF	____km	
	(b)	Seismic soundings	____#	
	(c)	Magnetic/telluric	____km	
	(d)	IP/resistivity	____km	
	(e)	Gravity	____km	
	(f)	Other ____	____km	
9.	Geochemical surveys			
	(a)	Lake, stream, spring		
		(i) Water	____samples	
		(ii) Sediments	____samples	
	(b)	(i) Rock	____samples	
		(ii) Core	____samples	
		(iii) Chips	____samples	
	(c)	(i) Soil	____samples	
		(ii) Overburden	____samples	
	(d)	Gas	____samples	
	(e)	Biogeochemistry	____samples	
	(f)	Sample collection	____days	
	(g)	Other ____		
10.	Drilling:			
	(a)	Diamond (# holes/m)	____/____m	
	(b)	Percussion (# holes/m)	____/____m	
	(c)	Rotary (# holes/m)	____/____m	
	(d)	Auger (# holes/m)	____/____m	
	(e)	Reverse circulation (# holes/m)	____/____m	
	(f)	Logging, supervision, etc.	____days	
	(g)	Sealing (# holes)	____#	
11.	Other (describe)			
		Subtotal		
Overhead costs				
12.	Secretarial services			
13.	Drafting services			
14.	Office expenses (rent, heat, light, etc.)			
15.	Field supplies			
16.	Compensation paid to landowners			
17.	Legal fees			
18.	Other (describe)			
		Subtotal		
		Grand total		

DNRMPT JUL 13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7583 Date of issue 13 July, 2008 16 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.			
4.			
5.			
6.		16	
	Geology	$577.53	
7.			
	Ground Gravity	$2,070.95	
	Gravity+25%	$517.74	
	Gravity Modelling	$1,039.09	
8.	Data comp. + report	$1,337.86	
	Overheads	$554.32	
	Grand Total	$6,097.47	
9.			
	(a) Lake, stream, spring		
	(i) Water	_____ samples	
	(ii) Sediments	_____ samples	
	(b) (i) Rock	_____ samples	
	(ii) Core	_____ samples	
	(iii) Chips	_____ samples	
	(c) (i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)	DNRMPT JUL 12'09 10:12	
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia on July 13 , 2009 .

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7584 Date of issue 13 July, 2008

80 Claims

	Type of Work		Amount Spent
1.	Prospecting		
2.	Geological		
3.	Trenching/s		
4.	Assaying &		
5.	Other labor	80	
6.	Grid:		
	(a) L		
	(b) F		
	(c) F		
7.	Geophysici		
	Airborne:		
	(a) E		
	(b) M		
	(c) F		
	(d) C		
	(e) C		
8.	Geophysici		
	Ground:		
	(a) E		
	(b) S		
	(c) M		
	(d) Magnetometry	____km	
	(e) Gravity	____km	
	(f) Other ____	____km	
9.	Geochemical surveys		
	(a) Lake, stream, spring		
	(i) Water	____samples	
	(ii) Sediments	____samples	
	(b) (i) Rock	____samples	
	(ii) Core	____samples	
	(iii) Chips	____samples	
	(c) (i) Soil	____samples	
	(ii) Overburden	____samples	
	(d) Gas	____samples	
	(e) Biogeochemistry	____samples	
	(f) Sample collection	____days	
	(g) Other ____	____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	____days	
	(g) Sealing (# holes)	____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		DNRMPT JUL13'09 10:12	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

Geology $2,887.65
Ground Gravity $10,354.74
Gravity+25% $2,588.69
Gravity Modelling $5,195.43
Data comp. + report $6,689.28
Overheads $2,771.58
Grand Total $30,487.36

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8S
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7585 Date of issue 13 July, 2008

24 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenchin		
4.	Assayinç		
5.	Other lat		
6.	Grid: (a) (b) (c)	24	
7.	Geophys Airborn (a) (b) (c) (d) (e)		
8.	Geophys Ground (a) (b) (c) (d) (e) (f)		
9.	Geoche (a)		
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____/_____m	
	(b) Percussion (# holes/m)	_____/_____m	
	(c) Rotary (# holes/m)	_____/_____m	
	(d) Auger (# holes/m)	_____/_____m	
	(e) Reverse circulation (# holes/m)	_____/_____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		ONRMPT JUL 13'09 10:12	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

Geology $866.29
Ground Gravity $3,106.42
Gravity+25% $776.61
Gravity Modelling $1,558.63
Data comp. + report $2,006.78
Overheads $831.47
Grand Total $9,146.21

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

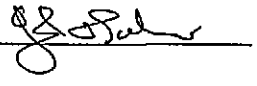
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8C
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7587 Date of issue 13 July, 2008

48 claims

Type of Work		Amount Spent
1. Prospecting		
2.		
3.		
4.		
5.	48	
Geology	$1,732.59	
6. Assays	$12,663.00	
Ground Gravity	$6,212.84	
7. Gravity+25%	$1,553.21	
Gravity Modelling	$3,117.26	
Data comp. + report	$4,013.57	
8. Diamond Drilling	$135,610.00	
Overheads	$16,490.00	
9. Grand Total	$181,392.47	
(g) Other	days	
10. Drilling:		
(a) Diamond (# holes/m)	2 / 882.26 m	135,610
(b) Percussion (# holes/m)	/ m	
(c) Rotary (# holes/m)	/ m	
(d) Auger (# holes/m)	/ m	
(e) Reverse circulation (# holes/m)	/ m	
(f) Logging, supervision, etc.	days	
(g) Sealing (# holes)	#	
11. Other (describe)		
Subtotal		
Overhead costs	DNRMPT JUL13'09 10:12	
12. Secretarial services		
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		
17. Legal fees		
18. Other (describe)		
Subtotal		
Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan, April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.
Mike Kurylyk	Port Greville N.S.	May 4, 18 20 22, 2009 Dec 02, 2008 - Feb 10
Logan Drilling	Shubenacadie NS	Dec 02 - Dec 13 2008
013 23: 23,533		

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7595 Date of issue 13 July, 2008

20 claims

	Type of Work		Amount Spent
1.	Prospecting	____ days	
2.	Geological mapping	____ days	
3.	Trenching/stripping/refilling	____ m^2 / ____ m^3	
4.	Assaying & whole rock analysis	____ #	
5.	Other laboratory	____ #	
6.	Grid: (a) (b) (c)		
7.	Geo Airb (a) (b) (c) (d) (e)		
8.	Geo Gro (a) (b) (c) (d) (e) (f)		
9.	Geo (a) (ii) Sediments (b) (i) Rock (ii) Core (iii) Chips (c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other ____	____ samples ____ samples ____ samples ____ samples ____ samples ____ samples ____ samples ____ days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____ / ____ m ____ / ____ m ____ / ____ m ____ / ____ m ____ / ____ m ____ days ____ #	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

20

Geology	$721.91
Ground Gravity	$2,588.69
Gravity+25%	$647.17
Gravity Modelling	$1,298.86
Data comp. + report	$1,672.32
Overheads	$692.89
Grand Total	$7,621.84

DNRMPT JUL13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7596 Date of issue 13 July, 2008

70 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Geophys Airborn (a) (b) (c) (d) (e)	70	
		Geology $2,526.69	
		Ground Gravity $9,060.40	
8.	Geophys Ground: (a) (b) (c) (d) (e) (f)	Gravity+25% $2,265.10	
		Gravity Modelling $4,546.00	
		Data comp. + report $5,853.12	
9.	Geochem (a) (b) (c) (d) (e) (f)	Overheads $2,425.13	
	(g) Other _____	_____ days	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'09 10:12

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H-/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7597 Date of issue 13 July, 2008

15 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	_____km	
	(b) Picket setting	_____km	
	(c) Flagging	_____km	
7.	Geophysic 15		
	Airborne:		
	(a)	Geology $541.43	
	(b)		
	(c)		
	(d)	Ground Gravity $1,941.51	
	(e)		
8.	Geophysic	Gravity+25% $485.38	
	Ground:		
	(a)		
	(b)	Gravity Modelling $974.14	
	(c)		
	(d)		
	(e)	Data comp. + report $1,254.24	
	(f)		
9.	Geochem	Overheads $519.67	
	(a)		
		Grand Total $5,716.38	
	(b)		
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____ m	
	(b) Percussion (# holes/m)	____/____ m	
	(c) Rotary (# holes/m)	____/____ m	
	(d) Auger (# holes/m)	____/____ m	
	(e) Reverse circulation (# holes/m)	____/____ m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

RECD/RPT JUL 10'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

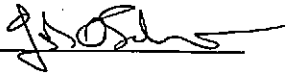
Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature 

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7598 Date of issue 13 July, 2008

68 claims

Type of Work			Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	_____m^2 / _____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grk (a) (b) (c)		
7.	Gec Airl (a) (b) (c) (d) (e)		
8.	Gec Gro (a) (b) (c) (d) (e) (f)		
9.	Geo (a) (b) (c)		
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	_____/_____m	
	(b) Percussion (# holes/m)	_____/_____m	
	(c) Rotary (# holes/m)	_____/_____m	
	(d) Auger (# holes/m)	_____/_____m	
	(e) Reverse circulation (# holes/m)	_____/_____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

68

Geology	$2,454.50
Ground Gravity	$8,801.53
Gravity+25%	$2,200.38
Gravity Modelling	$4,416.12
Data comp. + report	$5,685.89
Overheads	$2,355.84
Grand Total	$25,914.26

RECEIVED JUL 13 '09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlols Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration _____

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2 _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7599 Date of issue 13 July, 2008

14 claims

Type of Work			Amount Spent
1. Prospecting		_____ days	
2. Geological mapping		_____ days	
3. Trenching/stripping/refilling		____m^2 / ____m^3	
4. Assaying & whole rock analysis		_____#	
5. Other laboratory		_____#	
6. Grid:			
(a)	Line cutting	_____km	
(b)	Picket setting	_____km	
(c)	Flagging		
7. Geophys Airborn			
(a)			
(b)			
(c)			
(d)			
(e)			
8. Geophys Ground:		14	
(a)	Geology	$505.34	
(b)			
(c)	Ground Gravity	$1,812.08	
(d)			
(e)			
(f)	Gravity+25%	$453.02	
9. Geochei			
(a)	Gravity Modelling	$909.20	
(b)	Data comp. + report	$1,170.62	
(c)	Overheads	$485.03	
(d)	Grand Total	$5,335.29	
(e)			
(f)			
(g)			
10. Drilling:			
(a)	Diamond (# holes/m)	____/____m	
(b)	Percussion (# holes/m)	____/____m	
(c)	Rotary (# holes/m)	____/____m	
(d)	Auger (# holes/m)	____/____m	
(e)	Reverse circulation (# holes/m)	____/____m	
(f)	Logging, supervision, etc.	_____days	
(g)	Sealing (# holes)	_____#	
11. Other (describe)			
	Subtotal		
Overhead costs			
12. Secretarial services			
13. Drafting services		DNRMPT JUL 13'09 10:13	
14. Office expenses (rent, heat, light, etc.)			
15. Field supplies			
16. Compensation paid to landowners			
17. Legal fees			
18. Other (describe)			
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7599a Date of issue 13 July, 2008

2 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m² / ____m³	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory		
6.	Grid: (a) Line (b) Picke (c) Flagg		
7.	Geophysical su Airborne: (a) EM/V (b) Mag (c) Radic (d) Comt (e) Other		
8.	Geophysical su Ground: (a) EM/I (b) Seism (c) Magn (d) IP/res (e) Gravil (f) Other		
9.	Geochemical su (a) Lake, (i) Wa (ii) Se (b) (i) Ro (ii) Co (iii) Cl (c) (i) Soi (ii) Ov (d) Gas (e) Bioge (f) Samp (g) Other _____		
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

2

Geology	$72.19
Ground Gravity	$258.87
Gravity+25%	$64.72
Gravity Modelling	$129.89
Data comp. + report	$167.23
Overheads	$69.29
Grand Total	$762.18

DNRMPT JUL13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21 K/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7600 Date of issue 13 July, 2008

64 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid:		
	(a) Line cutting	km	
	(b) P		
	(c) F		
7.	Geophysics Airborne:		
	(a) E		
	(b) M		
	(c) R		
	(d) C		
	(e) O		
8.	Geophysica Ground:		
	(a) E		
	(b) S		
	(c) M		
	(d) IF		
	(e) G		
	(f) O		
9.	Geochemic		
	(a) L		
	(b)		
	(c)		
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

64

Geology	$2,310.12
Ground Gravity	$8,283.79
Gravity+25%	$2,070.95
Gravity Modelling	$4,156.35
Data comp. + report	$5,351.42
Overheads	$2,217.26
Grand Total	$24,389.89

DNRMPT JUL 13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth _____ In the Province of Nova Scotia _____ on July 13 _____, 2009 .

Name and address of licensee: Minotaur Atlantic Exploration

1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7601 Date of issue 13 July, 2008

6 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis		
5.	Other		
6.	Grid:	6	
	(a)	Geology $216.57	
	(b)		
	(c)		
7.	Geop Airbo		
	(a)		
	(b)	Ground Gravity $776.61	
	(c)	Gravity+25% $194.15	
	(d)		
	(e)	Gravity Modelling $389.66	
8.	Geop Grou		
	(a)	Data comp. + report $501.70	
	(b)		
	(c)	Overheads $207.87	
	(d)		
	(e)	Grand Total $2,286.55	
	(f)		
9.	Geochemical surveys		
	(a) Lake, stream, spring		
	(i) Water	_____samples	
	(ii) Sediments	_____samples	
	(b) (i) Rock	_____samples	
	(ii) Core	_____samples	
	(iii) Chips	_____samples	
	(c) (i) Soil	_____samples	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services	DNRMPT JUL13'09 10:13	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7602 Date of issue 13 July, 2008

21 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Other laboratory	_____#	
6.	Grid: (a) (b) (c)		
7.	Geophy Airborn (a) (b) (c) (d) (e)	21 Geology $758.01	
8.	Geophy Groun (a) (b) (c) (d) (e) (f)	Ground Gravity $2,718.12 Gravity+25% $679.53 Gravity Modelling $1,363.80	
9.	Geoch (a) (b) (c)	Data comp. + report $1,755.94 Overheads $727.54 Grand Total $8,002.93	
	(ii) Overburden	_____samples	
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
Overhead costs		DNRMPT JUL 12'09 10:13	
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7605 Date of issue 13 July, 2008

4 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^3 / ____m^3	
4.	Assaying		
5.	Other lab		
6.	Grid: (a) (b) (c)		
7.	Geophys Airborn (a) (b) (c) (d) (e)	4	
8.	Geophy Ground (a) (b) (c) (d) (e) (f)		
9.	Geoche (a) (b) (i) (ii) Core (iii) Chips (c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services	DNRMPT JUL13 09 10:13	
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

Geology $144.38
Ground Gravity $517.74
Gravity+25% $129.43
Gravity Modelling $259.77
Data comp. + report $334.46
Overheads $138.58
Grand Total $1,524.37

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmolth NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/9A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7606 Date of issue 13 July, 2008

23 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling		
4.	Assa		
5.	Othe		
6.	Grid:		
	(a)		
	(b)	23	
	(c) Geology	$830.20	
7.	Geo Airb		
	(a)		
	(b) Ground Gravity	$2,976.99	
	(c)		
	(d) Gravity+25%	$744.25	
	(e)		
8.	Geo Gro		
	(a) Gravity Modelling	$1,493.69	
	(b) Data comp. + report	$1,923.17	
	(c)		
	(d) Overheads	$796.83	
	(e)		
	(f) Grand Total	$8,765.12	
9.	Geo		
	(a) (i) Water	_____ samples	
	(ii) Sediments	_____ samples	
	(b) (i) Rock	_____ samples	
	(ii) Core	_____ samples	
	(iii) Chips	_____ samples	
	(c) (i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____ / ____ m	
	(b) Percussion (# holes/m)	____ / ____ m	
	(c) Rotary (# holes/m)	____ / ____ m	
	(d) Auger (# holes/m)	____ / ____ m	
	(e) Reverse circulation (# holes/m)	____ / ____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL 13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth In the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/9A
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7607 Date of issue 13 July, 2008

8 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	m^2 / m^3	
4.			
5.			
6.			
	8		
	Geology	$288.76	
7.			
	Ground Gravity	$1,035.47	
	Gravity+25%	$258.87	
8.	Gravity Modelling	$519.54	
	Data comp. + report	$668.93	
	Overheads	$277.16	
9.	Grand Total	$3,048.74	
	(iii) Chips	_____ samples	
	(c) (i) Soil	_____ samples	
	(ii) Overburden	_____ samples	
	(d) Gas	_____ samples	
	(e) Biogeochemistry	_____ samples	
	(f) Sample collection	_____ days	
	(g) Other _____		
10.	Drilling:		
	(a) Diamond (# holes/m)	____ / ____ m	
	(b) Percussion (# holes/m)	____ / ____ m	
	(c) Rotary (# holes/m)	____ / ____ m	
	(d) Auger (# holes/m)	____ / ____ m	
	(e) Reverse circulation (# holes/m)	____ / ____ m	
	(f) Logging, supervision, etc.	_____ days	
	(g) Sealing (# holes)	_____ #	
11.	Other (describe)		
	Subtotal		
Overhead costs			
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

DNRMPT JUL13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April,2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/9A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7608 Date of issue 13 July, 2008

20 claims

Type of Work			Amount Spent
1. Prospecting		_____ days	
2. Geological mapping		_____ days	
3. Trenching/stripping/refilling		____m^2 / ____m^3	
4. Assaying & whole rock analysis		_____#	
5. Other laboratory		_____#	
6. Grid: (a) Line cutting			
(b)			
(c)			
7. Geophy Airborn (a)	Geology	$721.91	
(b)			
(c)	Ground Gravity	$2,588.69	
(d)			
(e)	Gravity+25%	$647.17	
8. Geophy. Ground (a)	Gravity Modelling	$1,298.86	
(b)			
(c)	Data comp. + report	$1,672.32	
(d)			
(e)			
(f)	Overheads	$692.89	
9. Geocher (a)	Grand Total	$7,621.84	
(b)			
(iii) Chips		_____samples	
(c) (i) Soil		_____samples	
(ii) Overburden		_____samples	
(d) Gas		_____samples	
(e) Biogeochemistry		_____samples	
(f) Sample collection		_____samples	
(g) Other _____		_____days	
		_____	
10. Drilling: (a) Diamond (# holes/m)		____/____ m	
(b) Percussion (# holes/m)		____/____ m	
(c) Rotary (# holes/m)		____/____ m	
(d) Auger (# holes/m)		____/____ m	
(e) Reverse circulation (# holes/m)		____/____ m	
(f) Logging, supervision, etc.		_____days	
(g) Sealing (# holes)		_____#	
11. Other (describe)			
Subtotal			
Overhead costs		DNRMPT JUL 13'09 10:13	
12. Secretarial services			
13. Drafting services			
14. Office expenses (rent, heat, light, etc.)			
15. Field supplies			
16. Compensation paid to landowners			
17. Legal fees			
18. Other (describe)			
Subtotal			
Grand total			

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H /9A
Refs.

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7609 Date of issue 13 July, 2008

12 claims

Type of Work		Amount Spent
1. Prospecting	_____ days	
2. Geological mapping	_____ days	
3. Trenching/stripping/refilling	____ m^2 / ____ m^3	
4. Assaying & whole rock analysis	_____ #	
5. Other [illegible]		
6. Grid: (a) (b) (c)		
7. Geopl Airbo (a) (b) (c) (d) (e)	12	
8. Geoph Groun (a) (b) (c) (d) (e) (f)		
9. Geoch (a) (b)		
(c) (i) Coil (ii) Overburden	_____ samples	
(d) Gas	_____ samples	
(e) Biogeochemistry	_____ samples	
(f) Sample collection	_____ samples	
(g) Other _____	_____ days	
10. Drilling: (a) Diamond (# holes/m)	____ / ____ m	
(b) Percussion (# holes/m)	____ / ____ m	
(c) Rotary (# holes/m)	____ / ____ m	
(d) Auger (# holes/m)	____ / ____ m	
(e) Reverse circulation (# holes/m)	____ / ____ m	
(f) Logging, supervision, etc.	_____ days	
(g) Sealing (# holes)	_____ #	
11. Other (describe)		
Subtotal		
Overhead costs		
12. Secretarial services		
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		
17. Legal fees		
18. Other (describe)		
Subtotal		
Grand total		

Geology	$433.15
Ground Gravity	$1,553.21
Gravity+25%	$388.30
Gravity Modelling	$779.31
Data comp. + report	$1,003.39
Overheads	$415.74
Grand Total	$4,573.10

DNRMPT JUL13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 21H/9A
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7610 Date of issue 13 July, 2008

72 claims

	Type of Work			Amount Spent
1.	Prospecting		_____ days	
2.	Geologi			
3.	Trenchi			
4.	Assayin			
5.	Other la			
6.	Grid:		72	
	(a)	Geology	$2,598.88	
	(b)			
	(c)			
7.	Geophy: Airborn			
	(a)	Ground Gravity	$9,319.27	
	(b)	Gravity+25%	$2,329.82	
	(c)			
	(d)	Gravity Modelling	$4,675.89	
	(e)			
8.	Geophy: Ground			
	(a)	Data comp. + report	$6,020.35	
	(b)	Overheads	$2,494.42	
	(c)			
	(d)	Grand Total	$27,438.63	
	(e)			
	(f)			
9.	Geocher			
	(a)			
	(b)			
	(c)	(ii) Overburden	_____	
	(d)	Gas	_____samples	
	(e)	Biogeochemistry	_____samples	
	(f)	Sample collection	_____days	
	(g)	Other _____	_____	
10.	Drilling:			
	(a)	Diamond (# holes/m)	____/____ m	
	(b)	Percussion (# holes/m)	____/____ m	
	(c)	Rotary (# holes/m)	____/____ m	
	(d)	Auger (# holes/m)	____/____ m	
	(e)	Reverse circulation (# holes/m)	____/____ m	
	(f)	Logging, supervision, etc.	_____days	
	(g)	Sealing (# holes)	_____#	
11.	Other (describe)			
		Subtotal		
Overhead costs			DNRMPT JUL13'09 10:13	
12.	Secretarial services			
13.	Drafting services			
14.	Office expenses (rent, heat, light, etc.)			
15.	Field supplies			
16.	Compensation paid to landowners			
17.	Legal fees			
18.	Other (describe)			
		Subtotal		
		Grand total		

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map Refs. 21H/9A

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.) 13 July 2008
Re: Licence No. [redacted] 7612 Date of issue 13 July, [redacted]

17 claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m² / ____m³	
4.	Assaying & whole rock analysis	_____#	
5.			
6.			
7.			
8.			
9.			
	(d) Gas	_____samples	
	(e) Biogeochemistry	_____samples	
	(f) Sample collection	_____days	
	(g) Other _____	_____	
10.	Drilling:		
	(a) Diamond (# holes/m)	____/____m	
	(b) Percussion (# holes/m)	____/____m	
	(c) Rotary (# holes/m)	____/____m	
	(d) Auger (# holes/m)	____/____m	
	(e) Reverse circulation (# holes/m)	____/____m	
	(f) Logging, supervision, etc.	_____days	
	(g) Sealing (# holes)	_____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

17

Geology	$613.63
Ground Gravity	$2,200.38
Gravity+25%	$550.10
Gravity Modelling	$1,104.03
Data comp. + report	$1,421.47
Overheads	$588.96
Grand Total	$6,478.56

DNRMPT JUL13'09 10:13

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

NOVA SCOTIA
Natural Resources

Map 11E/8D
Refs.

Form 10 - Statement of Assessment Work Expenditure

(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 7661 Date of issue 18 July, 2008

11 Claims

	Type of Work		Amount Spent
1.	Prospecting	_____ days	
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	____m^2 / ____m^3	
4.	Assaying & whole rock analysis	_____#	
5.	Ot		
6.	Gr (a) (b) (c)		
7.	Ge Al (a) (b) (c) (d) (e)		
8.	Ge Gr (a) (b) (c) (d) (e) (f)		
9.	Geochemical surveys (a) Lake, stream, spring (i) Water (ii) Sediments (b) (i) Rock (ii) Core (iii) Chips (c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other _____	_____samples _____samples _____samples _____samples _____samples _____samples _____samples _____samples _____samples _____days	
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	____/____m ____/____m ____/____m ____/____m ____/____m _____days _____#	
11.	Other (describe)		
	Subtotal		
	Overhead costs		
12.	Secretarial services		
13.	Drafting services		
14.	Office expenses (rent, heat, light, etc.)		
15.	Field supplies		
16.	Compensation paid to landowners		
17.	Legal fees		
18.	Other (describe)		
	Subtotal		
	Grand total		

11

Geology	$397.05
Ground Gravity	$1,423.78
Gravity+25%	$355.94
Gravity Modelling	$714.37
Data comp. + report	$919.78
Overheads	$381.09
Grand Total	$4,192.01

DNRMPT JUL13'09 10:11

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name	Address	Dates Worked
Gregg Morris	20 Glenn Drive Halifax NS	Various
Alex DeBay	PO Box 406 Dartmoith NS	Various
Eastern Geophysics	Pubnico, NS	Various
John O'Sullivan	12 Charlois Court, Dartmouth	Various, July, Aug, sept, oct, Nov Dec, Jan,April 2009
Doug Cater	Dundee Precious Metals, Toronto	Sept 2008
John Hart - Geophysicist	Perth Australia	Geophysical Interptation.

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

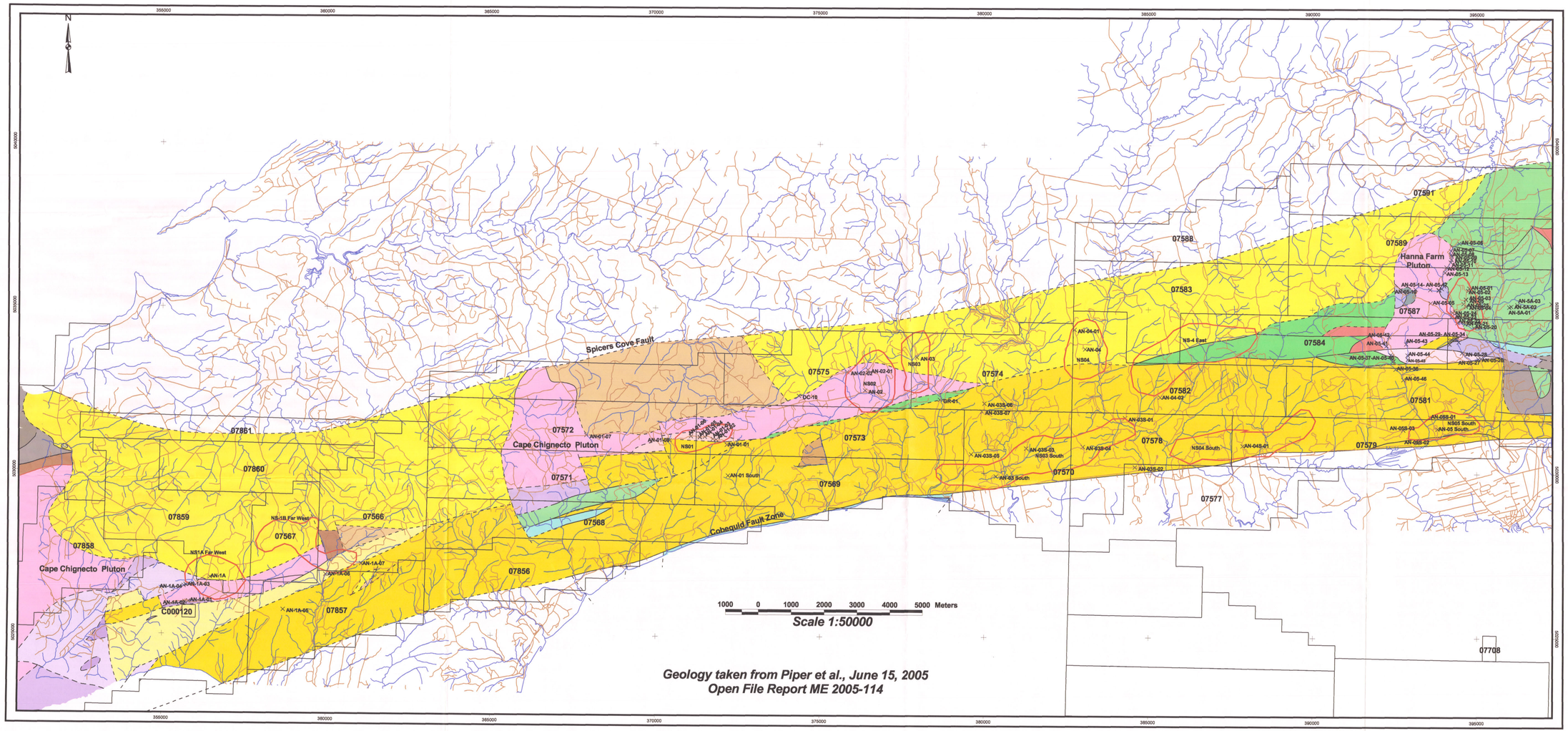
As Agent I am duly authorized to make this certification.
(position in company or licensee)

Dated at Dartmouth in the Province of Nova Scotia on July 13, 2009.

Name and address of licensee: Minotaur Atlantic Exploration
1959 Upper Water Street, Suite 900, Halifax, NS B3J 2X2

Signature

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.



Geology taken from Piper et al., June 15, 2005
Open File Report ME 2005-114

GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
7566-7579 inclusive
7581,7582,7583,7584,7587-7591 inclusive
7856,7857,7860,7861

Legend

- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road
- Outcrop and Sample Number
- geological contact approximate
- geological contact defined
- geological contact gradational
- assumed fault, doubtful
- defined fault
- thrust fault assumed
- thrust fault line
- Byers Brook Formation
- Cranberry Lake Formation
- Cumberland Group
- Dalhousie Mountain Formation
- Debert River granodiorite
- Diamond Brook Formation - basalt facies
- Diamond Brook Formation - conglomeratic facies
- Diamond Brook Formation - rhyolite facies
- Diamond Brook Formation - sandy facies
- Early Carboniferous gabbro/diorite with 5-30% granite dykes/pods
- Early Carboniferous gabbro/diorite with <5% granite dykes/pods
- Early Carboniferous intrusive rhyolite and porphyry
- Economy River orthogneiss
- Folly Rive Formation
- Fountain Lake Group - undivided
- Fountain Lake Group - undivided, principally basalt
- Fountain Lake Group - undivided, principally rhyolite
- Frog Lake gabbro
- Gamble Brook Formation
- Gilbert Hills Formation
- Gunshot Brook granite
- Jeffers Block gabbro
- Jeffers Block granodiorite
- Jeffers Group
- L.Dev-E.Carb. gabbro/diorite with 5-30% granite dykes and pods
- L.Dev-E.Carb. gabbro/diorite with <5% granite dykes and pods
- Late Devonian-Early Carboniferous intrusive rhyolite and porphyry
- McCallum Settlement granite
- Murphy Brook Formation
- Nuttby Formation - coarse facies
- Nuttby Formation - fine facies
- Nuttby Formation - undivided
- Polly Brook Formation
- Portapique River Formation
- Wilson Brook Formation
- coarse-grained granite
- fault zone with sub-horizontal foliated rocks
- fault zone with sub-vertical rocks
- fine-grained granite
- gabbro/diorite
- granite undivided
- granodiorite, tonalite
- hybrid granite and mafic intrusions
- hybrid granite and mafic intrusive rocks, with mingling texture
- medium-grained granite
- subequal bodies of gabbro/diorite and of granite
- tectonic slices of Neoproterozoic igneous and metasedimentary rx
- variable occurrence of several different types of granite

Dwg A1-1

Drawn By:G.Morris P.Geo

NTS 21H7D and 21H8C

June 2009

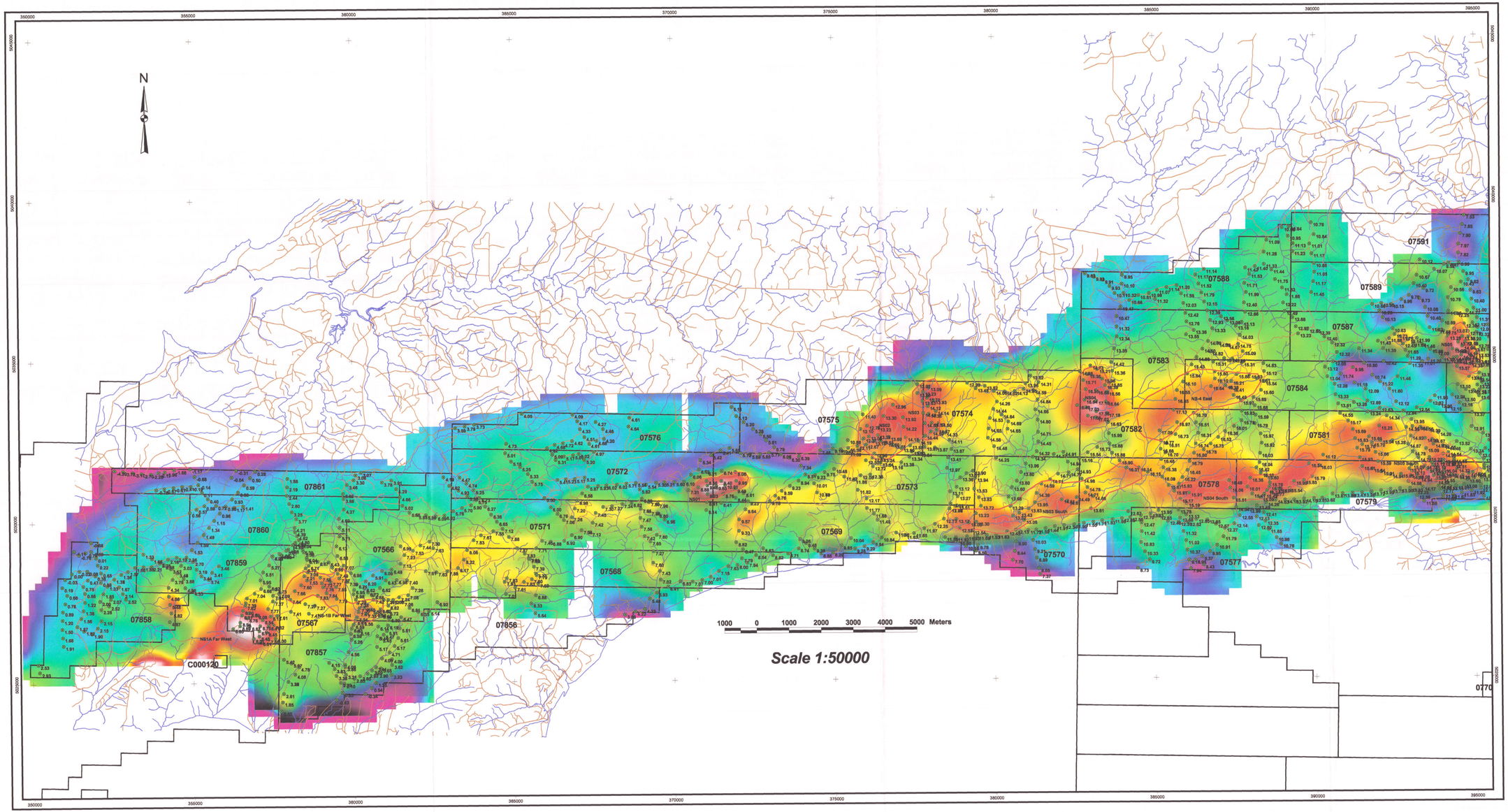
AR2009-077

A1-2

GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
7566-7579 inclusive
7581,7582,7583,7584,7587-7591 inclusive
7856,7857,7860,7861



Legend

1VD Bouguer Gravity (mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

- Gravity Anomaly Area
- Gravity Station corrected Bouguer value (Mgals)
- Stream or River
- Road
- Licence Area

Dwg A1-2

Drawn By: G.Morris P.Geo

NTS 21H7D and 21H/8C ***June 2009***

AR2009-077

B1-1

GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
7579-7581 inclusive
7583-7593 inclusive
7596-7615 inclusive
7533-7535 inclusive
7538,7540,7542,7543,7546,7547

Legend

- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road
- Outcrop and Sample Number
- geological contact approximate
- geological contact defined
- geological contact gradational
- assumed fault, doubtful
- defined fault
- thrust fault assumed
- thrust fault line

- Byers Brook Formation
- Cranberry Lake Formation
- Cumberland Group
- Dalhousie Mountain Formation
- Debert River granodiorite
- Diamond Brook Formation - basalt facies
- Diamond Brook Formation - conglomeratic facies
- Diamond Brook Formation - rhyolite facies
- Diamond Brook Formation - sandy facies
- Early Carboniferous gabbro/diorite with 5-30% granite dykes/pods
- Early Carboniferous gabbro/diorite with <5% granite dykes/pods
- Early Carboniferous intrusive rhyolite and porphyry
- Economy River orthogneiss
- Falls Formation
- Folly River Formation
- Fountain Lake Group - undivided
- Fountain Lake Group - undivided, principally basalt
- Fountain Lake Group - undivided, principally rhyolite
- Frog Lake gabbro
- Gamble Brook Formation
- Gilbert Hills Formation
- Gunshot Brook granite
- Jeffers Block gabbro
- Jeffers Block granodiorite
- Jeffers Group
- L.Dev-E.Carb. gabbro/diorite with 5-30% granite dykes and pods
- L.Dev-E.Carb. gabbro/diorite with <5% granite dykes and pods
- Late Devonian-Early Carboniferous intrusive rhyolite and porphyry
- McCallum Settlement granite
- Murphy Brook Formation
- Nuttby Formation - coarse facies
- Nuttby Formation - fine facies
- Nuttby Formation - undivided
- Polly Brook Formation
- Portapique River Formation
- Wilson Brook Formation
- coarse-grained granite
- fault zone with sub-horizontal foliated rocks
- fault zone with sub-vertical rocks
- fine-grained granite
- gabbro/diorite
- granite undivided
- granodiorite, tonalite
- hybrid granite and mafic intrusions
- hybrid granite and mafic intrusive rocks, with mingling texture
- medium-grained granite
- subequal bodies of gabbro/diorite and of granite
- tectonic slices of Neoproterozoic igneous and metasedimentary rx
- variable occurrance of several different types of granite

Dwg B1-1

Drawn By:G.Morris P.Geo

NTS 21H8C, 21H/8D,21H/9A,21H/9B

June 2009

Geology taken from Piper et al., June 15, 2005
Open File Report ME 2005-114

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

AR2009-077

GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
7579-7581 inclusive
7583-7593 inclusive
7596-7615 inclusive
7533-7535 inclusive
7538,7540,7542,7543,7546,7547

Legend

1VD Bouguer Gravity (mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

Gravity Station corrected Bouguer value (Mgals)
Licence Area
Gravity Anomaly Area
Stream or River
Road

Dwg B1-2

Drawn By:G.Morris P.Geo

NTS 21H8C, 21H/8D,21H/9A,21H/9B

June 2009

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

AR2009-077

C1-1

GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
6201,6398,6399,7393,
7514,7515,7518-7528 inclusive
7531-7546 inclusive,6189,6379,7431
7513-7518 inclusive

Legend

- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road
- Outcrop and Sample Number
- geological contact approximate
- geological contact defined
- geological contact gradational
- assumed fault, doubtful
- defined fault
- thrust fault assumed
- thrust fault line

- Byers Brook Formation
- Cranberry Lake Formation
- Cumberland Group
- Dalhousie Mountain Formation
- Debert River granodiorite
- Diamond Brook Formation - basalt facies
- Diamond Brook Formation - conglomeratic facies
- Diamond Brook Formation - rhyolite facies
- Diamond Brook Formation - sandy facies
- Early Carboniferous gabbro/diorite with 5-30% granite dykes/pods
- Early Carboniferous gabbro/diorite with <5% granite dykes/pods
- Early Carboniferous intrusive rhyolite and porphyry
- Economy River orthogneiss
- Folly River Formation
- Fountain Lake Group - undivided
- Fountain Lake Group - undivided, principally basalt
- Fountain Lake Group - undivided, principally rhyolite
- Frog Lake gabbro
- Gamble Brook Formation
- Gilbert Hills Formation
- Gunshot Brook granite
- Jeffers Block gabbro
- Jeffers Block granodiorite
- Jeffers Group
- L.Dev-E.Carb. gabbro/diorite with 5-30% granite dykes and pods
- L.Dev-E.Carb. gabbro/diorite with <5% granite dykes and pods
- Late Devonian-Early Carboniferous intrusive rhyolite and porphyry
- McCallum Settlement granite
- Murphy Brook Formation
- Nuttby Formation - coarse facies
- Nuttby Formation - fine facies
- Nuttby Formation - undivided
- Polly Brook Formation
- Portapique River Formation
- Wilson Brook Formation
- coarse-grained granite
- fault zone with sub-horizontal foliated rocks
- fault zone with sub-vertical rocks
- fine-grained granite
- gabbro/diorite
- granite undivided
- granodiorite, tonalite
- hybrid granite and mafic intrusions
- hybrid granite and mafic intrusive rocks, with mingling texture
- medium-grained granite
- subequal bodies of gabbro/diorite and of granite
- tectonic slices of Neoproterozoic igneous and metasedimentary rx
- variable occurrence of several different types of granite

Dwg C1-1

Drawn By:G.Morris P.Geo

NTS 11E/5C,11E5D,11E12A, 11E/12B

June 2009

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

Geology taken from Piper et al., June 15, 2005
Open File Report ME 2005-114

AR2009-077

C1-2

GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
6201,6398,6399,7393,
7514,7515,7518-7528 inclusive
7531-7546 inclusive,6189,6379,7431
7513-7518 inclusive

Legend

1VD Bouguer Gravity (mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

- Gravity Station corrected Bouguer value (Mgals)
- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

Dwg C1-2

Drawn By:G.Morris P.Geo

NTS 11E/5C,11E5D,11E12A, 11E/12B

June 2009

AR2009-077

D1-1

GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
7431,7455-7458 inclusive
7461-7467 inclusive
7475-7477 inclusive
7479,7480, 7484-7492 inclusive
7567, 7501-7504 incluisve

Legend

- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road
- Outcrop and Sample Number
- geological contact approximate
- geological contact defined
- geological contact gradational
- assumed fault, doubtful
- defined fault
- thrust fault assumed
- thrust fault line

- Byers Brook Formation
- Cranberry Lake Formation
- Cumberland Group
- Dalhousie Mountain Formation
- Debert River granodiorite
- Diamond Brook Formation - basalt facies
- Diamond Brook Formation - conglomeratic facies
- Diamond Brook Formation - rhyolite facies
- Diamond Brook Formation - sandy facies
- Early Carboniferous gabbro/diorite with 5-30% granite dykes/pods
- Early Carboniferous gabbro/diorite with <5% granite dykes/pods
- Early Carboniferous intrusive rhyolite and porphyry
- Economy River orthogneiss
- Folly River Formation
- Fountain Lake Group - undivided
- Fountain Lake Group - undivided, principally basalt
- Fountain Lake Group - undivided, principally rhyolite
- Frog Lake gabbro
- Gamble Brook Formation
- Gilbert Hills Formation
- Gunshot Brook granite
- Jeffers Block gabbro
- Jeffers Block granodiorite
- Jeffers Group
- L.Dev-E.Carb. gabbro/diorite with 5-30% granite dykes and pods
- L.Dev-E.Carb. gabbro/diorite with <5% granite dykes and pods
- Late Devonian-Early Carboniferous intrusive rhyolite and porphyry
- McCallum Settlement granite
- Murphy Brook Formation
- Nuttby Formation - coarse facies
- Nuttby Formation - fine facies
- Nuttby Formation - undivided
- Polly Brook Formation
- Portapique River Formation
- Wilson Brook Formation
- coarse-grained granite
- fault zone with sub-horizontal foliated rocks
- fault zone with sub-vertical rocks
- fine-grained granite
- gabbro/diorite
- granite undivided
- granodiorite, tonalite
- hybrid granite and mafic intrusions
- hybrid granite and mafic intrusive rocks, with mingling texture
- medium-grained granite
- subequal bodies of gabbro/diorite and of granite
- tectonic silicas of Neoproterozoic igneous and metasedimentary rx
- variable occurrence of several different types of granite

Dwg D1-1

Drawn By:G.Morris P.Geo

NTS 11E/11A,11E/10B, 11E/12B

June 2009

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

Geology taken from Piper et al., June 15, 2005
Open File Report ME 2005-117

AR2009-077

D1-2

GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
7431,7455-7458 inclusive
7461-7467 inclusive
7475-7477 inclusive
7479,7480, 7484-7492 inclusive
7567, 7501-7504 incluisve

Legend

1VD Bouguer Gravity (mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

Gravity Station corrected Bouguer value (Mgals)
Licence Area
Gravity Anomaly Area
Stream or River
Road

Dwg D1-2

Drawn By:G.Morris P.Geo

NTS 11E/11A,11E/10B, 11E/12B

June 2009

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

AR2009-027

E1-1

GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
7442-7444,7446,7448-7450,
7452,7453,7646,7659-7661,
7748,7749,7754,7800-7804,
7806,7807,7809-7822,7824-7832
7834-7837

Legend

- Gravity Anomaly Area
- Sample and Outcrop location
- Licence Area
- Stream or River
- Road
- Geological Contact Assumed
- Geological Contact Approximate
- Geological Contact Defined
- Geological Contact Over Water
- Approximate Fault

- Quaternary, Pleistocene and Recent sand and gravel
- Devono-Carboniferous undivided
- Barneys River, Gunn Lake Plutons
- Early Devonian undivided sediments
- Knoydart Formation
- Stonehouse Formation
- Moydart Formation
- McAdam Formation
- French River Formation
- Ross Brook Formation
- Upper Ross Brook Formation
- Lower Ross Brook Formation
- Beechill Cove Formation
- Upper Beechill Cove Formation
- Lower Beechill Cove Formation
- Bears Brook Formation sediments
- Bears Brook Formation volcanics
- Ordovician-Silurian granite, vent complex
- Arisaig Group undivided sediments
- Cambrian or younger granites
- Cambrian or younger syenite
- Ferrona Formation
- Little Hollow Formation
- Black John Formation
- Early Cambrian gabbro
- Upper Arbuckle Brook Formation
- Lower Arbuckle Brook Formation
- Mallignant Cove Formation
- Ohlo, James River, Indian Lake Plutons
- Alaskite Appinitic Complex
- Greendale Complex, Black Brook Pluton, Eden Lake Complex
- Georgeville Group undivided
- South Rights Formation
- Clydesdale Formation
- Livingstone Cove Formation
- James River Formation
- Upper James River Formation
- Lower James River Formation
- Maple Ridge Formation
- Morar Brook Formation
- Chisholm Brook Formation
- Keppoch Formation
- Mooes River Member
- Fraser Brook Member (a)
- Fraser Brook Member (b)
- Fraser Brook Member (c)
- Fraser Brook Member (d)
- bedrock unexposed

Geology taken from Murphy et al., 1982
Geology Map 82-3

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

Dwg E1-1

Drawn By:G.Morris P.Geo

NTS 11E/8D

June 2009

AR2009-077

E1-2

GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
7442-7444,7446,7448-7450,
7452,7453,7646,7659-7661,
7748,7749,7754,7800-7804,
7806,7807,7809-7822,7824-7832
7834-7837

Legend

1VD Bouguer Gravity
(mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

- Gravity Station corrected Bouguer value (Mgals)
- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road

Dwg E1-2

Drawn By:G.Morris P.Geo

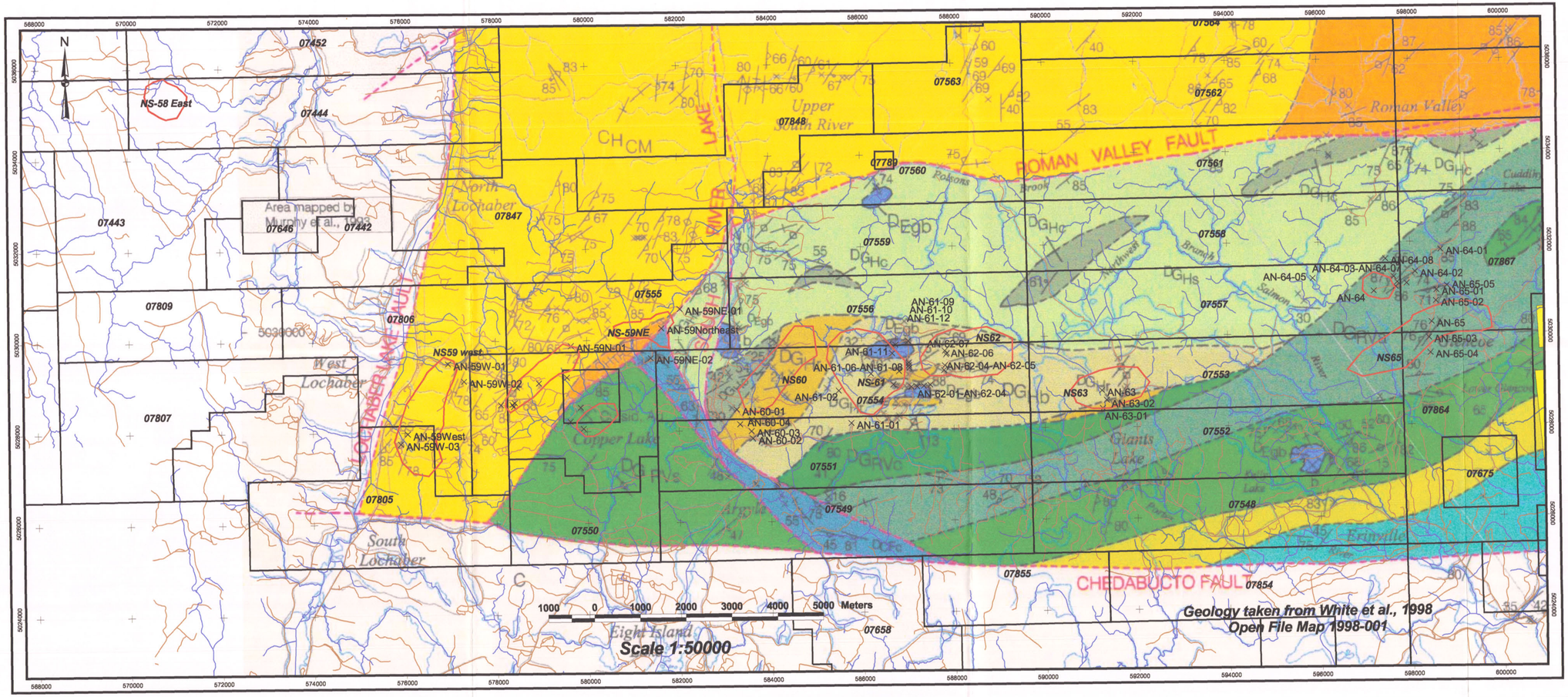
NTS 11E/8D

June 2009

1000 0 1000 2000 3000 4000 5000 Meters

Scale 1:50000

AR2009-077



GEOLOGY MAP

Minotaur Atlantic Exploration Ltd

Licences
6914,7361,7548,7549,
7551-7561,8645,7805,7806,
7807,7809,7847,7848,7855

Legend

- Gravity Anomaly Area
- Sample and Outcrop Location
- Licence Area
- Stream or River
- Road
- Caledonia Mills Formation
- Roman Valley Formation
- Chedabucto Fault Complex
- Tracadie Road Formation
- Hoppenderry Formation
- Hoppenderry Formation
- Erinville and other Gabbros

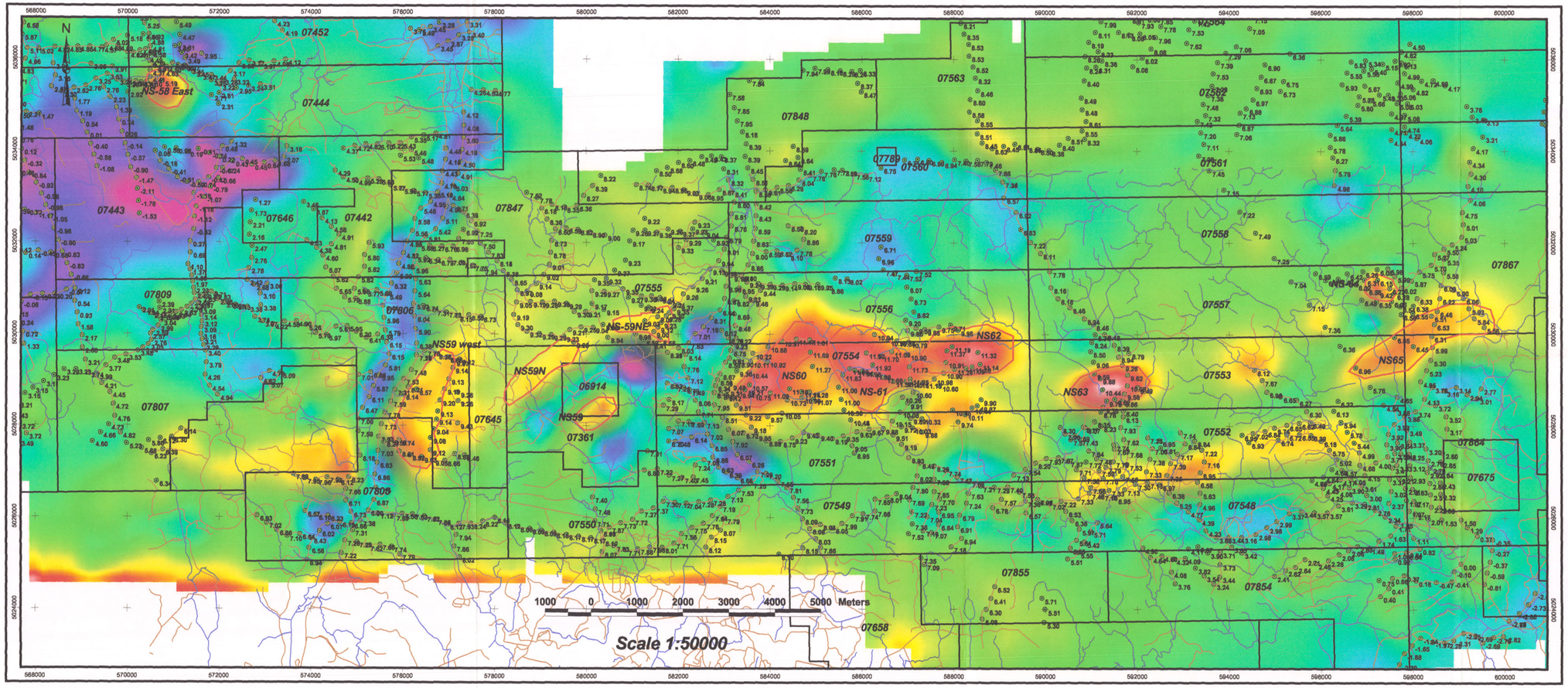
Dwg F-1-1

Drawn By:G.Morris P.Geo

NTS 11F/5C

June 2009

AR2009-077



GRAVITY MAP

Minotaur Atlantic Exploration Ltd

Licences
6914,7361,7548,7549,
7551-7561,8645,7805,7806,
7807,7809,7847,7848,7855

Legend

1VD Bouguer Gravity
(mGals/m)

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007

- Gravity Station corrected Bouguer value (Mgals)
- Licence Area
- Gravity Anomaly Area
- Stream or River
- Road

Dwg F-1-2

Drawn By:G.Morris P.Geo

NTS 11F/5C

June 2009

AR2009-077