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EXPLORATION REPORT ON EARLTOWN CLAIM GROUP

EL 3449-3459, 3369-3370, and 3802

by

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for

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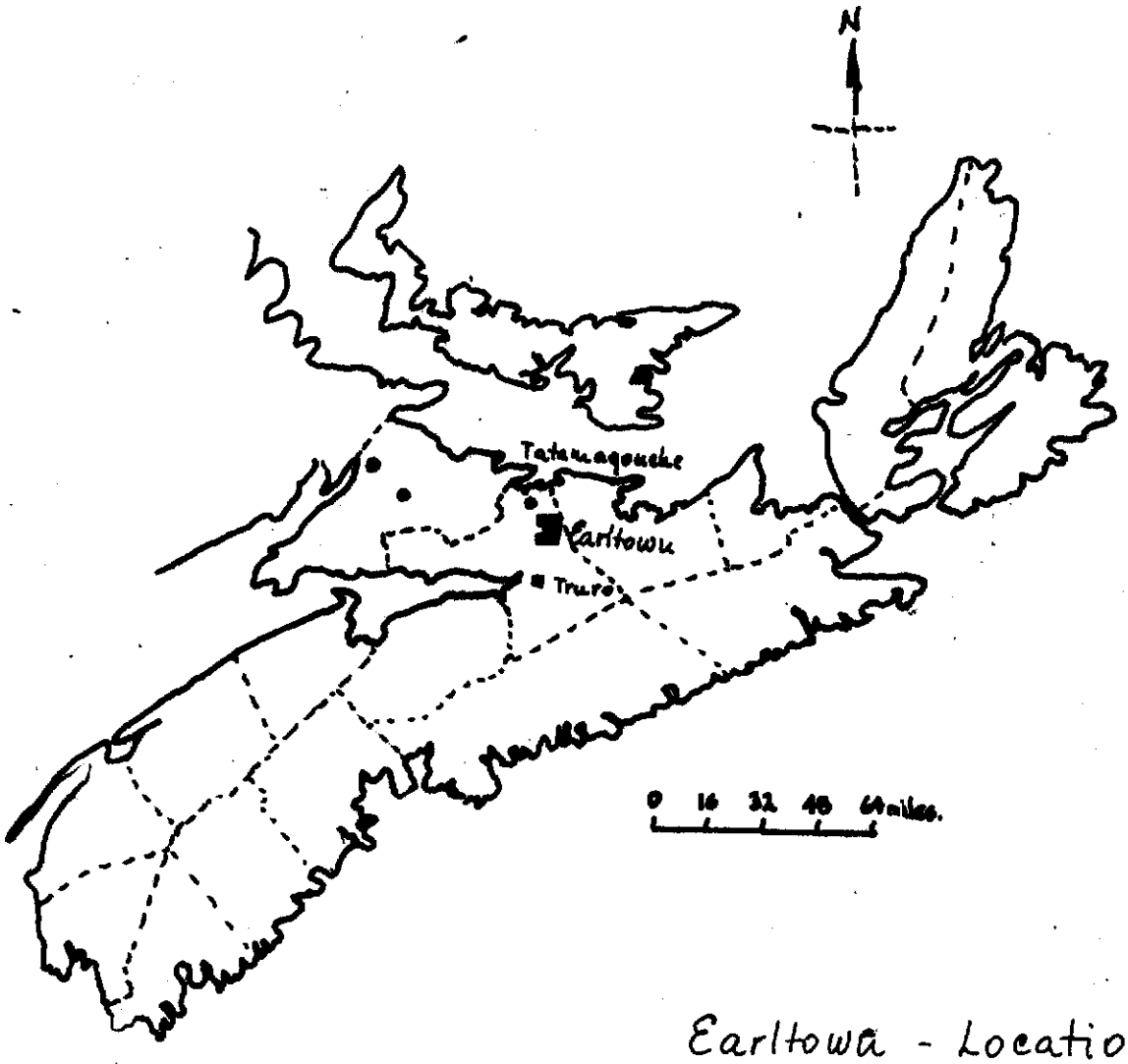
39	Anomaly E-48-G	"	"	"	"
40	Anomaly E-39-C	"	"	"	"
41	Anomaly E-38-B	"	"	"	"
42	Anomaly E-40-B	"	"	"	"
43	Anomaly E-101-B	"	"	"	"
44	Anomaly E-100-A	"	"	"	"
45	Anomaly E-103-A	"	"	"	"
46	Anomaly E-109-A	"	"	"	"
47	Anomaly E-16-A	"	"	"	"
48	Anomaly E-101-A	"	"	"	"
49	Anomaly E-39-A	"	"	"	"
50	Anomaly E-36-A	"	"	"	"
51	Anomaly E-2-A	"	"	"	"
52	Anomaly E-10-A	"	"	"	"
53	Anomaly E-12-A	"	"	"	"
54	Anomaly E-20-A	"	"	"	"
55	Anomaly E-35-B	"	"	"	"
56	Anomaly E-41-B	"	"	"	"
57	Anomaly E-42-B	"	"	"	"
58	Anomaly E-44-B	"	"	"	"
59	Anomaly E-46-B	"	"	"	"
60	Anomaly E-48-C and E-48-B	"	"	"	"
61	Anomaly E-56-B - Radiometric	"	"	"	"
no 62					
63	Anomaly E-7-A	"	"	"	"
64	Anomaly E-20-A and E-20-B	"	"	"	"
65	Anomaly E-27-A - Radiometric	"	"	"	"
66	Anomaly E-28-A	"	"	"	"
67	Anomaly E-31-A	"	"	"	"
68	Anomaly E-33-A&B	"	"	"	"
69	Anomaly E-42-A	"	"	"	"
70	Anomaly E-49-C	"	"	"	"
71	Anomaly E-49-D and E-48-A&B	"	"	"	"
72	Anomaly E-57-A - Radiometric	"	"	"	"
73	Anomaly E-62-B	"	"	"	"
74	Anomaly E-24-A	"	"	"	"
75	Anomaly E-25-B	"	"	"	"
76	Anomaly E-25-A	"	"	"	"



Earltown - Location Map

SUMMARY

Wyoming Mineral Corporation acquired uranium exploration licences to 976 contiguous claims in the Pictou and Colchester Counties' area of Northern Nova Scotia, on May 12, July 4, and October 16, 1978. This property is termed the Earltown Claim Group. Exploration activities consisted of:

1) Airborne radiometric and magnetometer survey;
2) Reconnaissance geochemical survey;
3) Reconnaissance prospecting and ground radiometric survey;
4) Regional geological mapping, and
5) Detailed geochemical, radon, radiometric and mapping surveys in specific areas of interest, were carried out between May 1978 and June 1979.

Areas warranting further exploration include:

1) The Pennsylvanian sediments in the northern portion of the property. A sandstone type deposit is proposed for uranium mineralization in this area. Evidence to support this proposal include; favourable geology, anomalous U values in soil and well waters, and small uranium showings in similar rocks close by.

2) The Devonian acid volcanic sequence in the central region of the property. A vein or disseminated type uranium deposit is the model proposed for this area. Evidence to support this proposal include; anomalous boulders (assay to 1.34 lbs/ton U_3O_8) located nearby believed to be derived from these rocks, anomalous U values in soil, prominent radon anomalies, interesting electromagnetic conductors and magnetic highs associated with this rock unit.

3) The "granitic" rocks in the southern section of the property. Uranium mineralization hosted by shear zones, or as disseminations within the granite itself, is the model proposed for this area. Positive survey results believed to support this proposal include; a number of interesting airborne radiometric anomalies occur here (still to be field checked) a number of slightly radiometrically anomalous boulders encountered during prospecting, and the presence of some anomalous U values in the soil.

The encouraging results outlined above warrant expenditures on additional exploratory efforts in these three areas. This should include:

1) The Pennsylvanian Sediments

   a) more detailed geochem sampling (soil and stream sediment)

   b) geological mapping, and

   c) diamond drilling (if results in geochem sampling prove encouraging).

2) The Devonian Acid Volcanic Sequence

   a) overburden drilling to bedrock to gain a better understanding of the subcropping bedrock lithology, and

   b) additional diamond drilling.

3) The 'Granitic' Rocks

   a) continued follow-up of airborne radiometric anomalies, and

   b) soil geochem survey and radon survey in specific areas of interest. These would be in areas deemed interesting as a result of the ground follow-up (prospecting) of the airborne radiometric anomalies.

2. PROPERTY LOCATION DESCRIPTION AND ACCESS

The property is located in the Earltown, Colchester County, area of Northern Nova Scotia and comprises 976 claims, covering an area of 39,040 acres. The following is a description of the exploration licences containing these claims:

Exploration Licence No.	Date Granted	Tract	Claims	Map. Ref. No.
3369	May 12, 1978	75	All claims	11E 11A
		76	" "	11E 11A
		77	" "	11E 11A
		92	" "	11E 11A
		93	" "	11E 11A
3370	May 12, 1978	101	All claims	11E 11A
		102	" "	11E 11A
		103	" "	11E 11A
3449	July 4, 1978	13	All claims	11E 11A
		14	" "	11E 11A
		15	" "	11E 11A
		16	" "	11E 11A
		17	" "	11E 11A
3450	July 4, 1978	18	" "	11E 11A
		19	" "	11E 11A
		30	" "	11E 11A
		31	" "	11E 11A
		32	" "	11E 11A
3451	July 4, 1978	33	All claims	11E 11A
		34	" "	11E 11A
		35	" "	11E 11A
		36	" "	11E 11A
3452	July 4, 1978	41	" "	11E 11A
		42	" "	11E 11A
		43	" "	11E 11A
		54	" "	11E 11A
		55	" "	11E 11A

Exploration Licence No.	Date Granted	Tract	Claims	Map Ref. No.
3453	July 4, 1978	56	All claims	11E 11A
		65	" "	11E 11A
		66	" "	11E 11A
		67	" "	11E 11A
		78	" "	11E 11A
3454	July 4, 1978	79	" "	11E 11A
		80	" "	11E 11A
		89	" "	11E 11A
		90	" "	11E 11A
		91	" "	11E 11A
3455	July 4, 1978	104	All claims	11E 11A
		5	" "	11E 11D
		6	" "	11E 11D
		7	" "	11E 11D
		8	" "	11E 11D
3456	July 4, 1978	17	All claims	11E 11D
		18	" "	11E 11D
		19	" "	11E 11D
		20	" "	11E 11D
		29	" "	11E 11D
3457	July 4, 1978	30	All claims	11E 11D
		31	" "	11E 11D
		42	" "	11E 11D
		43	" "	11E 11D
		44	" "	11E 11D
3458	July 4, 1978	32	" "	11E 11D
		33	" "	11E 11D
		34	" "	11E 11D
		35	" "	11E 11D
		36	" "	11E 11D
3459	July 4, 1978	39	ABCDEFGH	11E 11D
		40	ABCDEFGHJKLM	11E 11D
		41	All claims	11E 11D
3802	Oct. 16, 1978	37	All claims	11E 11D
		38	ABCDEFGHLMNO	11E 11D

The property terrain is to a large extent controlled by the geology. The northern portion of the property consists of low, gently rolling hills, reflecting the younger more easily eroded sedimentary rocks beneath. The southern portion is higher in elevation and more rugged, being part of the Cobequid Highlands, and reflects the more erosion resistant igneous and metamorphic rocks. Approximately 80 per cent of the area is tree covered with the remainder being utilized by the local population in small scale mixed farming. Access to the property is excellent. Paved roads (Hwy. 326, 311), good quality secondary roads and trails render virtually all areas of the property accessible by vehicle. The CN railway traverses the region in a east-west direction approximately 3 miles north of the property. The closest centre with a population of 15,000 or greater is Truro, located approximately 16 miles (by road) to the south.

2. ASSESSMENT WORK PERFORMED BY WYOMING MINERAL CORP. AND COMINCO LTD.

The following surveys constitute the assessment work conducted by Wyoming Mineral Corp. and Cominco Ltd. on claims contained within the property.

1) High sensitivity airborne radiometric and magnetometer survey;
2) Geological mapping;
3) Ground boulder trace and prospecting;
4) Reconnaissance soil, stream sediment and stream water geochemical survey;
5) Well water survey;
6) Ground follow-up of airborne radiometric anomalies. This detailed work consisted of;
   a) ground spectrometer survey
   b) soil geochem survey
   c) prospecting, and
   d) mapping
7) Detailed exploratory work carried out on the basis of reconnaissance soil geochem results and reconnaissance prospecting. This work was conducted on claims contained within EL 3370, 3454 and 3455, and consisted of:
   a) geological mapping
   b) soil geochem survey
   c) stream sediment geochem survey
   d) radon survey (Westinghouse Alpha-2 cups)
   e) magnetometer survey, and
   f) VLF-EM-16 survey

3. RESULTS

A. Geology

Geological mapping of the property was conducted in conjunction with the reconnaissance traverses. In addition, roadcuts and selected streams were mapped. Outcrop exposure is poor (one per cent or less), consequently, the locations of a number of the geologic contacts were taken from the geology map compiled by Donohue and Wallace (N.S.D.M., 1978) on a scale of 1:125,000. The results of the airborne magnetometer survey and ground geophysical surveys, were also utilized in the construction of the geology map (Drawing No. 3).

The rocks in this region range from Precambrian to Pennsylvanian age. The oldest (Precambrian?) rocks crop out in the east-central region of the property, and consist of strongly foliated chlorite schist which exhibit a radiometric signature of between 95-135 c.p.s.. The foliation generally strikes west and northwest and dips 52 to 75 degrees towards the south and southwest. These rocks are faultbound to the northeast by the Devonian River John Group, unconformably overlain by the Silurian Earltown Sequence to the northwest, and intruded by Carboniferous granite to the southwest.

The Silurian Earltown Sequence is broken down into a number of different units of which three are present on the property - (oldest to youngest) Se-A, SE-3(?), and SE-4. Very few SE-A rocks occur on the property, with only one outcrop having been encountered during the course of traversing. This outcrop is rhyolitic in composition and shows a count rate of 250 cps. The SE_3(?) portion of the Earltown sequence forms a narrow, east-west trending band across the central region of the property. Outcrops of this unit examined in the field were found to consist of a sequence of acid volcanics - rhyolite, porphyritic rhyolite

tuff, rhyolite breccia and agglomerate, which exhibit scintillation counts ranging between 110-210 cps. However, diamond drilling currently in progress indicates geologic relationships which suggest these rocks to be Devonian rather than Silurian in age. This finding is significant in that it means the SE-3 acid volcanics are actually an integral part of the River John Group' and not the Earltown sequence. This being the case, it is evident that the Devonian River John Group (DRJ-U) should be considered for potential uranium mineralization and not the Silurian Earltown sequence (SE-3, SE-4).

The SE-4 segment of the Earltown sequence consists of weakly cleaved green-grey, siltstone, sandstone interbedded with andesite and show radiometric count rates ranging between 40-80 cps. These rocks have been tectonically disturbed to a moderate degree, forming a broad synclinal structure trending roughly in an east-west direction.

The Earltown sequence is unconformably overlain by the Devonian River John Group, which covers a fairly large region in the central portion of the property. This group is divided into two parts - the lower unit (DRJ-L) and the upper Unit (DRJ-U). The lower unit consists of interbedded, terrestrial red sandstone, siltstone, shale and basalt, and with the exception of the basalt, show count rates ranging between 90-100 cps. No basalt outcrops were observed during the course of mapping, however, basalt boulders were encountered predominantly in areas underlain by the DRJ-L rocks.

The upper unit (DRJ-U), consists predominantly of a thick sequence of red polymictic conglomerate and minor red sandstone, which exhibit count rates ranging between 90-140 cps. However, as mentioned earlier in this report, the acid volcanics previously mapped (Donohue and Wallace, 1978), as Silurian (SE-3), are actually a part of the River John Group, and probably are stratigraphically situated at the base of this unit. The acid volcanics are interbedded with tuffaceous red sandstone, red conglomerate sandstone, siltstone, and mudstone, and minor grey siltstone and mudstone. The rocks comprising this unit dip shallowly - -5-25 degrees towards the north and northeast.

Devonian-Mississippian rocks of the Nuttby succession crop out in the southwest region of the property. This unit comprises a sequence of strongly cleaved grey and red shales (80-140 cps), rhyolite (170-270 cps) and andesite (50-100 cps). These rocks have been folded into an east-west trending synclinal structure.

The Nuttby succession is intruded by Mississippian hornblende granite, which covers an extensive area in the southern portion of the property. Radiometrically these rocks generally show counts ranging between 60-130 cps, with higher counts (to 270 cps), evident near the Nuttby succession granite contact. It is possible the rhyolite rocks, evident in the Nuttby succession, are actually dykes and sills genetically related to this intrusion.

The youngest rocks present on the property are of Pennsylvanian age and belong (from oldest to youngest) to the Riversdale Group (Millsville Conglomerate and Boss Point Formation), and the Pictou Group. The rocks comprising these groups are continental deposits of fluvio-lacustrine origin.

The Millsville Conglomerate is found in the northeast corner of the property, and consists predominantly of red conglomerate and minor red sandstone which show count rates in the 60-80 cps range. These rocks rest unconformably on top of the Devonian River John Group.

The *Boss Point Formation* is reported (Donohue and Wallace, 1978) to comprise a sequence of grey to red sandstone, siltstone and shale, and unconformably overlies the Millsville Conglomerate in the northeastern portion of the property. However, this unit is of such small areal extent in the property that no outcrops were encountered during the course of traversing.

Unconformably overlying these formations is the Pictou Group which consists of a sequence of interbedded red sandstone (70-130 cps), grey sandstone and siltstone (60-130 cps) and red shale and mudstone (115-150 cps). These rocks generally strike in an east-west direction, dip 10-30 degrees north, and forms part of the south limb of the Tatamagouche syncline. The grey sandstone and siltstone beds in this group often contain carbonaceous trash, plant fossils, and minor concentrations of pyrite and chalcocite. The presence of pyrite and chalcocite is often made apparent by the more noticeable alteration products - limonite and malachite respectively.

B. Airborne Radiometric and Magnetometer Survey

The logistics of the combined airborne radiometric and magnetometer survey conducted by Geoterrex for Wyoming Mineral Corp., is outlined in a report by S. Graham, (geophysicist for the aforementioned company), and forms appendix 1 of this report.

The radiometric survey delineated a number of anomalies worthy of ground follow-up. These anomalies are illustrated in Drawing No. 1 (standard deviation plot of the U channel), and Drawing No. 2 (uranium/thorium ratio calculations). A geophysical interpretation of the U/Th anomalies by Geoterrex is presented in Appendix 2.

On a regional scale there is a close correlation between radiometrically anomalous zones and the following terrain.

1) the Devonian River John Group (DRJ-U)
2) the Devonian-Mississippian Nuttby Succession (DMN)
3) the southern portion of the Mississippian granite (Mg),
4) the western segment of the Pennsylvanian Pictou Group (Pp), and
5) various isolated areas within the Silurian Earltown sequence (SE-4)

The majority of the airborne anomalies followed-up within these areas. The results of the ground follow-up of each anomaly are presented in section 3F, (below), however in general the anomalies could be attributed to one or a combination of the following features:

1) piles of boulders stacked by early Nova Scotian settlers when they cleared the land;
2) outcrop;
3) abrupt changes in topographic relief - ie. - steep hills;
4) radiometrically anomalous soil horizons; and
5) radiometrically anomalous boulders;

Piles of boulders and/or outcrop will appear as anomalies because of the radiometric contrast between it and the surrounding overburden. Abrupt changes in topography such as steep hills will appear as an anomaly because of the sudden change in terrain clearance of the aircraft versus the ground. The closer the aircraft is to the ground, the greater the radiometric response picked up by the spectrometer.

Radiometrically anomalous soil horizons were encountered in a few instances, and these sometimes contained anomalous values of uranium (determined analytically).

Radiometrically significant anomalous boulders were only encountered in the McBains Corner area (Grid E-50-B). The boulders are large (6 ft. x 3 ft. x 3 ft.), rhyolitic in composition, and showed radiometric count rates ranging between 200-1100 cps. Assay of one of these boulders indicated it to contain 670 ppm uranium (approx. 1.34 lbs/ton U_3O_8).

The airborne magnetic data has been used primarily as an aid in preparation of a regional scale geological map.

C. Reconnaissance Soil, Stream Sediment and Stream Water Geochemical Survey

Soil, stream sediment and stream water samples were collected along E-W traverse lines spaced approximately 1,000 feet apart. Stream sediment and water samples were taken wherever a stream was encountered, and soil samples were collected at stations spaced 1,000 feet apart. In addition, stream sediment samples were collected from streams draining terrain of particular interest - e.g. - the unconformity between the Silurian Earltown sequence and the Devonian River John Group. All sample locations are illustrated on Drawing No. 4, and the results of the stream sediment - stream water, surveys are presented on Drawing No.'s 5 and 6 respectively.

Analytical results of the soil samples produced U values ranging between .2 and 14.2 ppm. Interpretation of the results suggests that background values over the entire property to range between .2 and 0.6 ppm, threshold to be around 0.8 ppm, and that values of 1.0 ppm and greater to be anomalous. On the basis of this interpretation a number of anomalous zones are evident on the property. Correlations of particular interest occur between these anomalous zones and the following features:

1) the 'rhyolitic' horizon at the base of the River John Group - (upper unit);
2) the area containing water wells with anomalous uranium values (northwestern portion of the property); and
3) localized areas coincident with a number of the airborne radiometric anomalies.

In the southern portion of the property only a small number of anomalous uranium values occur, and with the exception of a minor concentration of values located near the property boundary in the southwest, the majority of these are randomly distributed.

Analytical results of the stream sediment samples indicated U values ranging between .2 and 4.8 ppm. Like the soil geochem results the background values range between .2 and 0.6, and values of 1.0 ppm and greater are considered to be anomalous. The majority of the anomalous values are situated in streams draining terrain underlain by the Devonian, River John Group and the Silurian, Earltown sequence (SE-4). Isolated anomalous values were also obtained in the southern region of the property, however these are not believed to be significant.

Analysis of the stream water samples failed to produce any significant results with virtually all U values falling in the .2 to 0.4 ppb range. The maximum value obtained is 1.0 ppb, from a sample collected in the west central section of the property. This anomalous value does not have any supportive values, either from nearby stream water samples or stream sediment samples.

D. Ground Boulder Trace and Prospecting

The ground boulder trace and prospecting segment of the program was undertaken simultaneously with the reconnaissance soil, stream sediment and water sampling survey. No radiometrically significant boulders were uncovered during this survey. Those encountered showed count rates in the normal range to be expected for the boulder's composition, and consequently were not assayed for possible ore grade U. The following rock types and associated radioactivity, are typical of the boulders to be found on the property:

basalt - 35-55 cps
andesite - 40-60 cps
rhyolite* - generally 90-120 cps, some to 220 cps
diorite - 60-80 cps
hornblende granite - generally 60-120 cps, some to 240 cps
metasediments - 40-80 cps
red siltstone, sandstone - 65-85 cps
red conglomerate - 80-110 cps
grey, grey brown, sandstone, siltstone - 50-70 cps

Although boulder lithology varies greatly, the predominance of one particular rocktype in any given area, generally reflects the bedrock beneath. This in turn reflects the rather unique glaciation history of the Cobequid region during the Wisconsinan glaciation. It has been suggested (Cooke, personal communication) that glacial debris and boulders found on, and at the base of the north slope of the Cobequid Highlands are a result of draw down into the valley systems during the collapse stage of the glacier that covered this region. This south to north transport of glacial debris is directly

* excluding anomalous boulders found at McBain's Corner - Anom.E-50-B)

apposed to the north-south direction of movement of the Laurenide ice.

The good correlation between boulder lithology and the subjacent bedrock is probably indicative of a shielding effect provided by local ice centers from the overriding Laurentide ice.

In addition to prospecting for uraniferous boulders, radiometric readings were taken every 500 feet. These readings are recorded on Drawing No. 7. (It should be noted in this drawing, that some traverse lines only show total count readings at the stations, and also that these readings are in the order of magnitude of 10 cps higher than the total count readings accompanied by readings for the K+U+Th, U+Th, and Th channels. Those stations with only total count readings were taken with a Mt. Sopris scintillometer, whereas the stations with multi-channel readings were taken with a Scintrex GIS-4 spectrometer. The higher total count readings given by the Mt. Sopris instrument relative to those given by the Scintrex instrument reflects the larger crystal volume of the former with respect to the latter.) Radiometric readings generally range between 30-100 cps, with the lower counts being associated with boggy areas and higher counts attributed to gravel-cobble terrain, and/or in some instances nearby outcrop.

E. Well Water Survey

Approximately 80 well water samples were collected and analysed for uranium. The results of this survey are presented on Drawing No.8. It is evident from this map that background values range between .2 - 0.6 ppb in areas underlain by pre-Carboniferous rocks, and .2 - 1.0 ppb for areas underlain by Carboniferous rocks. On the basis of this interpretation it is evident that no anomalous values of any importance occur in pre-Carboniferous region, however, anomalous zones of significance do occur in the Carboniferous area in the northern portion of the property. The most notable anomalous zone occurs in the northwest corner of the property and is coincident with anomalies outlined by the soil geochem program and the airborne radiometric survey.

F. Ground Follow-up of Airborne Radiometric Anomalies

U/Th ratio anomalies and U standard deviation anomalies delineated by the airborne radiometric survey were examined in the field. The locations of these anomalies are found on Drawing No's 1, 2, and 3. The results of the ground follow-up of these anomalies are presented in Drawing No's 20 to 50 inclusive and described in the following summary reports*:

* the summary reports were written by members of the 1978 field staff.

FIELD EVALUATION - GRID E-34-B

No written report - all pertinent data - Drawing No. 20.

FIELD EVALUATION - ANOMALY E-50-A

No written report - all pertinent data - Drawing Nos. 24a and 24b.

FIELD EVALUATION - ANOMALY ~~E-105~~ E-103-A

No written report - all pertinent data - Drawing No. 35.

FIELD EVALUATION OF GRID E-39-B

GRID DESCRIPTION:

Baseline - length 1000'
- direction 090° - 270°

Crossline - length 1000'
- direction 360°

Lines sampled - Even number lines W.

Sample intervals - 200'

% Outcrop:

0 - none observed

Rocktypes:

Boulders were: leuco granite, hornblende, granites, basalt, River John Conglomerates, rhyolite

Range of Spectrometer Readings:

60 cps - 160 cps

Anomaly Grade:

Very sharp 3-4 standard deviations

Terrain:

Moderate relief but high elevation, with an increase of elevation to the south. Forest was at times thick spruce, with surrounding areas of fields and hardwoods. The ground to the north was swampish.

Access:

Moderate. Accessible from the north Earltown road by following the Powerline for 1600'.

Anomaly Summary:

The grid a somewhat anomalous soil scint reading (7100 cps). Therefore inspite of a few anomalous granitic boulders (160 cps), I would attribute the anomaly to something subsurface.

See Drawing No. 21a and 21b.

B. Allan

FIELD EVALUATION OF GRID E-41-A

GRID DESCRIPTION:

Baseline - direction 360°
- length 1200'

Crossline - direction 090° - 270°
- length 1000'

Lines sampled - 10N, 12N, 14N, 16N, 18N, 20N, 22N

Sample intervals - 200'

% Outcrop:

None observed

Rocktypes:

None observed in outcrop form; boulders range from metasediment, to Andesite and Rhyolite.

Range of Spectrometer Readings:

41 cps - 102 cps

Geoterrex Anomaly Grades:

Medium strong; Narrow; Grade 2, Medium Th.

Terrain:

Mature hard wood forest with intermittent bushed areas and semi dense spruce forest. Elevation is high mountain top with very little variablity in relief.

Access:

Grid E-41-A's baseline was set by compassing due east, from one of two roads bordering it. The condition of these roads, especially for a well used farmer's road on the east, is fair. However, they only intersect north and eastern portions of the grid; the farmer's road being on the east and an old unused wood road to the north and west.

Anomaly Summary:

A significant radioactive source could not be found to account for the airborne anomaly. Outcrops are non existent, while boulder rows, encountered sporadically within the grid, only contain a very limited number of boulders above 80 cps.

See Drawing No. 22a and 22b.

B. Allan.

FIELD EVALUATION OF GRID E-47-B & 48-F

GRID DESCRIPTION:

Baseine - direction 053 Az
- length 1400'

Crossline - direction 143 Az
- length 1200'

Lines samples - every even number line (ie. 10, 12....24)

Sample intervals - 200'

% Outcrop:

None observed

Rocktypes:

None observed in outcrop form; boulders were the usual variety: granite, rhyolite, andesite, conglomerate and metasediments.

Range of Spectrometer Readings:

21 cps - 79 cps; 100 cps over boulder piles.

Geoterrex Anomaly Grades:

E-48-F: Fiducial bounds - 112.3 - 112.7
Anomaly strength - medium
Shape - narrow
Grade - 2
Comments - medium Th

E-47-B: Fiducial bounds - 175.5 - 175.9
Anomaly strength - medium strong
Shape - narrow
Grade - 2
Comments - medium Th

Terrain:

A combination of swampish spruce forest and alder swamps on the south west end of the grid, while the north east half is semi brushed mixed forest with locally dense spruce thickets.

Relief is low with a slight elevation increase to the north east.

Access: GOOD

The grid intersected three roads; the clydesdale road in the south gradient; a small wood road, which leaves the Clydesdale road, at every line east of the baseline as the road courses to the north eastern end of the baseline; a small unused road heads east from highway 326 to join the small unused road at grid sta. 12W 15N.

/...

Anomaly Summary:

Besides a gravel pit (indicated on grid map) and a few scattered boulder piles (also indicated), which read ~100 cps, no single source area could be found to account for the airborne anomaly. Since plotted airborne anomalies extended across two flight lines, 47 and 48, we expected a large, rather consistent source, to extend along a general east west axis. Instead, it maybe possible than one anomaly relates to a gravel pit while the other is a boulder pile.

Under this theory you would expect the grid to be more centerally located each and not on their ledges as it was. They also lack an east west axis.

See Drawing Nos. 22a and 23b.

B. Allan

REPORT OF ACTIVITIES

GRID E-50-B

June 29, 1978 — P.P. PALMA

Organization:

A grid was set up on the anomaly E-50-B (Earltown). The baseline has 1000 feet, and there are 11 offset lines of 500 feet to each side of the baseline. The baseline runs north - south. Stations were set at 100 feet intervals, and soil samples were collected every 200 feet.

Crew:

Barry, Vince, Maurice, Ray.

Summary:

The area covered by the grid overlaps the Highway 326 to the west, a gravel pit on the north side; and open field to the south and east.

Three anomalous boulders of rhyolitic composition (pink coloured) were found. These boulders exhibit a radiometric signature ranging from 200 to 1100 cps. Also K + U + Th on the average was found to be 15 cps; U+Th about 10 to 7 cps, and Th about 1 to 2 cps. The boulders are located in 2 places, 300 feet apart of each other. Their dimensions are approximately 6 feet long, 3 feet wide, and 3 feet high.

A G.S.C. portadrill was utilized to drill through the most radioactive boulder in order to obtain a fresh specimen for assay for uranium. The following is a description and analytical results of specimens submitted for U assay.

Weathered rhyolite (hand specimen from boulder surface)	- 100 ppm U*
Rhyolite (fresh drill core sample representative of entire boulder)	- 670 ppm U**

See Drawing Nos. 25a and 25b.

* Bondar Clegg Ltd. Vancouver, B.C.
** Cominco Ltd. Vancouver, B.C.

FIELD EVALUATION OF GRID E-51

GRID DESCRIPTION:

Baseline	- direction 360° Az - length - 1500'
Crosslines	- direction 090° - 270° Az - length - variable 800 - 1000'
Lines sampled	- 10N, 12N, 14N, 16N, 18N, 20N, 22N, 24N.
Sample interval	- 200'

% Outcrop:

Good exposure occurs in 2 streams flowing through the grid area.

Rocktypes:

Rhyolite and conglomerate (River John Group) as outcrop; rhyolite, granite, sandstone, diorite, dacite, andesite, and metasediments as boulders.

Range of Spectrometer Readings:

Rhyolite - 210 - 75 cps.
Conglomerate - 75 - 130 cps.

Anomaly Grade:

Medium narrow, Grade 2, Medium Thorium.

Terrain:

The north end of the grid consists predominately of hardwoods. This grades gradually south into mixed woods with spruce along the southern most lines. The land rises towards the south and west. It is bisected by several small streams all flowing north easterly.

Access:

Via the Munro Road (grass track) off the Stewarts Road, north Earltown. Station 25N 10W is approximately 200 feet west of Munro Road. Access line is flagged from road (Munro) to Sta. 20N 15W.

Anomaly Summary:

The anomaly probably arises from the rhyolite outcrop in the stream which is located near the centre of the grid.

See Drawing Nos. 26a and 26b.

Maurice Tivey
Aug. 3,4,5, 1978

FIELD EVALUATION OF GRID E-52-A

GRID DESCRIPTION:

Baseline - length 1200'
- direction 360° Az

Crossline - length 1000'
- direction 040° - 270°

Lines sampled - even numbered lines north

Sample intervals - 200'

% Outcrop:

None observed

Rocktypes:

None observed

Range of Spectrometer Readings:

40 cps - 70 cps.

Geoterrex Anomaly Grades:

Fiducial bounds - 754.8 - 755.3
Anomaly strength - medium
Shape - narrow
Grade - 2
Comments - low Th.

Terrain:

Low elevations with no relief in semi open spruce forest.

Access:

GOOD. Approximately 260' east of Mountain Road the northern most line begins.

Anomaly Summary:

The source of anomaly must be subsurface because we found nothing significant on the surface.

See Drawing No. 27a.

B. Allan

FIELD EVALUATION OF GRID E-52-B

GRID DESCRIPTION

Baseline - direction, due north
- length 1400'

Crosslines - direction, east - west
- length 1000'

Lines sampled - 10N, 11N, 12N, 13N, 14N, 16N, 18N, 20N, 22N, 24N.

Sample intervals - 200'

% Outcrop:

Zero

Rocktypes:

Boulders of rhyolite, andesite and granite. These boulders are abundant.

Range of Spectrometer Readings:

Line = 52 S
Fiducial bounds = 754.8 - 755.3
Anomaly strength - medium
Shape - narrow
Grade - 2
Comments - low Th.

Terrain:

About 50% of the grid falls in open field (S) and 50% falls in hard and soft woods (N).

There is very little relief generally, however, there are some low spots in the east end of the grid, at the sides of a road.

Access: EXCELLENT.

Grid E-52-B is located 360 feet east of William MacKay Road and 2000 feet north of Highway 256. This area is close to McBain's Corner, East Earltown.

Anomaly Summary:

The anomaly itself may be accounted for by the abundance of boulders on it. The andesite and granite boulders were generally low in total count values, but the rhyolite ones ranged from 70 to 110. The size of the boulders ranged from 1 cubic foot to 8 cubic feet.

See Drawing Nos. 28a and 28b

V.V. Palma
July 20, 1978

FIELD EVALUATION OF E-53-A

GRID DESCRIPTION:

Baseline - length 1000'
- direction 360°

Crossline - length 1000'
- direction 090 - 270 Az

Lines sampled - even numbered lines north

Sample intervals - 200'

% Outcrop:

8 - 10%

Rocktypes:

Red siltstone, River John Conglomerate and boulder piles of the usual variety: granite, volcanics, metasediments and sediments.

Range of Spectrometer Readings:

70 cps - 140 cps.

Geoterrex Anomaly Grades:

Fiducial bounds - 800.5 - 801.4
Anomaly strength - medium strong
Shape - medium broad
Grade -
Comments -

Terrain:

Relief and elevation are moderate with the grid being located on the eastern side of a stream valley, which courses north just west of the baseline.

The forest is mostly hardwoods.

Access:

Moderate. The grid was located by walking ½ mile down the Biorachan Crossroad and compassing in about 700'.

Anomaly Summary:

Nothing obvious seems to account for the anomaly. The good exposures of siltstone within the stream are ~140 cps, but do not fit neatly into center of the grid. I would also expect more airborne anomalies within the vicinity of MacKay's Brook if siltstone was the radioactive source.

See Drawing Nos. 29a and 29b.

B. Allan

FIELD EVALUATION OF GRID E-55-A

GRID DESCRIPTION:

Baseline - direction 360°
- length 1400'

Crosslines - 090 - 270 Az
- length 1000'

Lines sampled - even numbered lines (ie. 10N, 12N.....24N)

Sample intervals - 200'

% Outcrop:

None observed

Rocktypes:

None observed in outcrop. Boulders present are the usual variety: granite, volcanics and sediment.

Range of Spectrometer Readings:

37 cps to 75 cps.

Geoterrex Anomaly Grades:

Fiducial bounds - 685.4 - 686.3
Anomaly strength - medium strong
Shape - narrow
Grade - 2
Comments - medium Th.

Terrain:

The grid is split into 2/3 field/replanted bush and 1/3 hardwood forest. The hardwoods are on the southend. Elevation moderately high and relief chops slightly to the north.

Access:

Excellent. The Biorachan road intersects the baseline at station 18N 15W.

Anomaly Summary:

No single radioactive source could be found.

Even though sporadic boulder piles and a foundation are within the grid, it is unlikely they are the anomaly. It would appear more reasonable for the anomaly to be attributed to a sub-surface source (ie. significant amounts of gravel).

See Drawing Nos. 30a and 30b.

B. Allan

FIELD EVALUATION OF GRID E-59-A

GRID DESCRIPTION:

Baseline - direction 360°
- length 1100'

Crossline - direction 090 - 270
- length 1000'

Lines sampled - even numbered lines north

Sample intervals - 200'

% Outcrop:

8 - 10%

Rocktypes:

Red-brown lithic sandstone and mudstone; boulders of granite, rhyolite and basalt.

Range of Spectrometer Readings:

55 cps - 140 cps.

Geoterrex Anomaly Grades:

Fiducial bounds - 470.7 - 471.1
Anomaly strength - medium
Shape - narrow
Grade - 2
Comments - low Th.

Terrain:

The south end of the grid is in thick spruce forest. The north end (15N 15W and north) is located in a hay field and is drained by a large brook (Nabiscump Brook) in the extreme northern end between 21N - 20W.

Relief is level and elevation is low. A slight escarpment exists on the southern bank of Nabiscump Brook.

Access:

Good. A farmer's road branches off the Highway between Loganville and MacBeen's Corner and heads north. It comes to within 1000' of the grid's baseline as it courses through a hay field.

Anomaly Summary

Although no single radioactivity source is readily evident, the significant level of anomalous boulders, ~125-140 cps in piles along the escarpment, may contribute heavily to the total radioactivity.

See Drawing Nos. 31a and 31b.

B. Allan

FIELD EVALUATION OF GRID E-63-B

GRID DESCRIPTION:

Baseline - direction 360°
- length 1000'

Crossline - direction 070 - 270°
- length 1000'

Sample lines - even numbered lines north

Sample intervals - 200'

% Outcrop:

1%; River John Pebble Conglomerate

Rocktypes:

River John conglomerate. Boulders of normal variety: granite, volcanics, sediments and metasediments.

Range of Spectrometer Readings:

40 cps - 100 cps

Geoterrex Anomaly Grades:

Fiducial bounds - 313.5 - 313.8
Anomaly strength - medium strong
Shape - narrow
Grade - 2
Comments - Th.

Terrain:

Semi open spruce forest on the northwestern side of a steep valley. The grid is bisected on the extreme eastern edge by a small stream. The stream is the center of the valley.

Elevations moderately high in the south half with relief dropping off sharply along the north eastern edge.

Access:

Good. The grid can be reached by an unused road, which leaves the Biorachan Road about 1 mile north of Branch Road and heads westerly.

Anomaly Summary:

It appears from the lack of scattered mafics and outcrop, that a pair of large boulder piles located in the center of the grid, may be the anomaly source.

See Drawing No. 32

B. Allan

FIELD EVALUATION OF GRID E-63-C

GRID DESCRIPTION:

Baseline - direction 360° Az
- length 1200'

Crossline - direction 090 - 270° Az
- length 1000'

Lines sampled - every even number (ie. 10, 12...22) line north

Sample intervals - 200'

% Outcrop:

5%

Rocktypes:

Two rock types observed in contact: a hornblende granite and a metasediment.

Range of Spectrometer Readings:

40 cps - 120 cps.

Geoterrex Anomaly Grades:

E-63-C: Fiducial bounds - 317.9 - 318.3
Anomaly strength - medium strong
Shape - narrow
Grade - 2
Comments - low Th.

Terrain:

Very enjoyable, clear forest bottom hardwoods. Relief is uniform with elevation relatively high (hill top).

Access:

Poor. Grid was set by compassing in ~½ mile from the nearest road, the Biorachan.

Anomaly Summary:

The large, house sized outcrops of granite (~120 cps), are probably the anomaly source; especially since background readings are ~60 cps (see grid map for details) and other outcrops in the area are not as high.

An interesting feature of this grid is the obvious contact encountered between granite and sediment. However, a general scout up and down both sides of the contact failed to produce any "unusually" anomalous results.

See Drawing Nos. 33a and 33b.

B. Allan

FIELD EVALUATION OF GRID E-79-A

GRID DESCRIPTION

Baseline	- direction of the stream itself ~NE-SW - length 800'
Crossline	- direction 90° to stream - length 200'
Lines Sampled	- every line
Sampled Intervals	- 100'

% Outcrop:

25-30%

Rocktypes:

Hornblende granite, chlorite schist, quartz veins.
Boulders of rhyolite, River John conglomerate, and breccia.

Range of Spectrometer Readings:

60 cps - 135 cps

Anomaly Grade:

3-4 standard deviations.

Terrain:

Rugged. Relief and elevation are high with stream having cliff type sides.
Forest is mostly medium spaced spruce.

Access:

Excellent. The Campbell road intersects the stream at the standard deviation profile's peak value.

Anomaly Summary:

The anomaly can be attributed to outcrops of chlorite (~135 cps) schist which run down the anomaly flight line. Also on the line was an orange K-feldspar granite boulder which gave 190 cps.

See Drawing No.'s 34a & 34b

B. Allan

FIELD EVALUATION ANOMALY E-75-A

GRID DESCRIPTION

Baseline	- direction 360° - length 1000'
Crossline	- direction 090-270° - length 1000'
Lines Sampled	- even numbered lines north
Sample Intervals	- 200'

% Outcrop:

0 - None observed.

Rocktypes:

Leuco and pink hornblende granite boulders.

Range of Spectrometer Readings:

40 cps - 210 cps.

Geoterrex Anomaly Grades:

Fiducial bounds - None.
Anomaly strength - None
Standard Deviation Anomaly shape - None
grade - None
comments - None.

Terrain:

Hardwood forests with a slight relief increase to the south-east. The elevation is moderately high.

Access:

Poor. The grid was located by compassing at bearing 160 AZ from the base of Gully Lake.

Anomaly:

Significant numbers of anomalous orange K-feldspar boulders gave 210-180 cps. I would suspect from the lower background surrounding these boulders, that they are the anomaly.

See Drawing No.'s 36a & 36b.

B. Allan

FIELD EVALUATION OF GRID E-95-A

GRID DESCRIPTION

Baseline	- direction 360° - length 1000'
Crosslines	- direction 090°, 270° AZ - length 1000'
Lines Sampled	- 10N, 12N, 14N, 16N, 18N, 20N.
Sample Intervals	- 200'

% Outcrop:

5 to 10%

Rocktypes:

Granite and andesite as outcrop and boulders
Diorite and metasediments as boulders.

Range of Spectrometer Readings:

Andesite - 125 to 59 c/s
Granite - 80 to 57 c/s

Anomaly Grade:

This anomaly was found through the standard deviations map. This anomaly appears as a narrow and tall histogram.

Terrain:

The N-E portion of the grid is hardwood and lie in a topographic high. The rest of the grid falls in lower grounds and is characterized by soft woods. Generally the grid slopes to the S-W. Also in the S-W portion of the grid there is a stream running N-W.

Access:

Station 10 N - 15 W (B.L.) is on Glen Road (Also called South Loganville); about 6,500 ft. North of Highway 4.

Anomaly Summary:

The most significant radioactive material is the andesite outcrop at 15 N - 16 W. The anomaly may be explained by the abundance of boulders and outcrops.

See Drawing No.'s 37a & 37b

V.V. Palma

FIELD EVALUATION ANOMALY E36-B

GRID DESCRIPTION:

Baseline
- direction 090° Az
- length 1000'

Crosslines
- direction 180° Az
- length 1000'

Outcrop Exposure:

Very poor, «1%.

Rocktypes and Associated Radioactivity:

Boulders: Red granite (& syenite): 600-1100 cpm
Pink and red sandstones : 700-800 cpm
Green siltstone : 800 cpm
Feldspar wacke: 500-800 cpm

Terrain:

The anomaly centre is the fairly flat top of a small hill. To the north there is a swamp, and to south the open forest of the hilltop continues for approximately 250-300 feet. To the far south, there is dense young forest which is marshy. The forest is mixed deciduous and evergreen trees.

The area is traversed by a few old (now impassable), often blazed trails. As a whole, the area is quite poorly drained. A few minor streams flow (for about 20 ft.) - probably fed by spring run-off.

Access:

Via trail (passable by truck until bridge, 1900' from farm). Go 2500 more feet to reach a fork in the trail - then head 1950 ft. at 095° Az. to anomaly centre.

Anomaly Summary:

Prospecting failed to reveal any radioactivity significant outcrop/boulders/overburden. The anomaly may be due to either:

i) the feldspar wacke boulder in the NE section of the grid which is twice background (in fact, a 10 ft^2 area which is high); or

ii) red syenite boulder in stream bed - also twice background, in the NE section too.

TVI-A readings of day 2 (which were, for an unknown reason, 2.3 times those of day 1) have been converted to "day 1" readings for completeness.

/...

Samples 79-KC-1 and #87022 (of (i)) were taken for analysis. They were measured at 1100 cpm.

See Drawing No.39

K. Chase
May 29/30, 1979

FIELD EVALUATION - ANOMALIES E48-G & E49-B

GRID DESCRIPTION:

Baseline - direction 090° Az
- length 1300'

Crosslines - direction 180° Az
- length 1100'

Outcrop Exposure:

Very poor, «1%.

Rocktypes and Associated Radioactivity:

(possible?) outcrop: red rhyolite 74 cps.

Boulders: (possibly subcrop) River John conglomerate 91-105*(high)
61-83 cps.
granite (boulder) 65 cps

Terrain:

The anomalous area is vegetated mainly by hardwood trees, bounded by pine on the northern and southern edges. To the north there is a farm, and some cleared areas where "River John "rubble" piles" are located, near trails. The bush is fairly dense overall.

Access:

From outcrop at bend of Hwy. 326 (outcrop of River John conglomerate, 030/19 SE, 88 cps) head at 010° for 700' to the centre of the two anomalies. Since the anomalies were so close (to each other, and to Hwy 326) one large grid was run, rather than two small.

Anomaly Summary:

Prospecting failed to reveal any radioactivity significant outcrop/boulders/overburden. The anomalies are probably due to the two large River John conglomerate "rubble" piles which have counts almost double background.

These areas are probably subcrop. They are the edges of small hills through which trails have been bulldozed (by the farmer, probably) - near cleared areas which once were field. (Talus slops!).

Samples #87021 and 79-KC-2a were taken at the NE "rubble" pile. 79-KC-2 was taken at the "possible" outcrop (at 4W, 1N).

See Drawing No. 39

K. Chase
May 31/June 1,'79

FIELD EVALUATION - ANOMALY E-39-C

GRID DESCRIPTION:

Baseline	- direction 180° Az - length 1000'
Crosslines	- direction 090° Az - length 1000'

Outcrop Exposure:

Poor. <1% (only in stream)

Rocktypes and Associated Radioactivity:

Outcrop	- red conglomerate	1500 - 2000 cpm
Boulders	- grey sandstone	1400 - 1500 cpm
	red conglomerate	1500 - 1600 cpm

Terrain:

The northern portion of grid is very steeply sloped with a 150' elevation drop to a stream that intersects the entire grid. At the northern limits the slope becomes gentler. The southern portion is similar to the northern limit with gentle slopes covered with hardwood. Several streams running in an east-west direction in areas of steeper slopes.

Access:

Via compassed line (900' due west) from gravel road.

Anomaly Summary:

There were very few boulders (one or two) and no outcrop in the southern portion of the grid. However in the northern section an east-west trending stream contained extensive maroon red River John conglomerate with readings generally (1½ to 2 times background) 1500 - 2000 cpm. Another possible cause may be the terrain itself with these sudden elevation changes due partly to stream erosion.

Readings were obtained using TV-1A in cpm.

See Drawing No. 40.

K.

K. MacKillop
G.A. Imhoff

June 1, 1979

FIELD EVALUATION - ANOMALY E-38-B

GRID DESCRIPTION:

Baseline - direction 180° Az
- length 1000'

Crosslines - direction 090° Az
- length 1000'

Outcrop Exposure:

No outcrop observed

Rocktypes and Associated Radioactivity:

Boulders	- grey sandstone	- 1000 - 1200 cpm
	- red sandstone	- 1000 - 1200 cpm
	- granite	- 1200 - 1400 cpm
	- bright red rhyolite	- 1200 - 1600 cpm

Terrain:

Northern portion of grid is generally flat lying with a mixture of spruce and hardwood as the predominate tree. The southern part gently slopes in a north-south direction and is mostly overgrown fields with small spruce.

Access:

Via open field beginning at the edge of gravel road.

Anomaly Summary:

Near the edge of the field (southern portion of grid) two rhyolite boulders were above background. One was 8000 cpm (3½ times background) and another 300' north was 5500 cpm (2-2½ times background).

Readings were obtained using TV-1A in cpm.

See Drawing No. 41

K. MacKillop
G.A. Imhoff

May 31, 1979

FIELD EVALUATION - ANOMALY E-40-B

GRID DESCRIPTION

Baseline	- direction 090° Az - length 1000'
Crosslines	- direction 180° Az - length 1000'

Outcrop Exposure:

Fair along westernmost stream; otherwise extremely poor - overall 2%

Rocktypes and Associated Radioactivity:

Outcrop:	grey-green silty sandstone	71 - 101 cps
Boulders:	grey-green silty sandstone	52 - 100 cps
	granite	60 cps

Terrain:

Vegetation varies from mixed evergreen/hardwood forest, to dense (young) pine forests, to marshy evergreen areas. The centre of the anomalous area is a hill bounded by streams to the west and east. Two trails run SE - NW through the area, vaguely parallel to the streams. NE of the area is a recently cut forest, with many downed trees and raspberry bushes.

Access:

From a prominent fork in the bush road, head at 260 azimuth for 1250' to the anomaly centre. The nearby gravel road runs from Balmoral Mills to North Earltown; the anomalous area is south of this road.

Anomaly Summary:

Prospecting failed to reveal any radioactivity significant outcrop/boulders/overburden. It is therefore concluded that the anomaly is caused by the outcrops of grey-green silty sandstone, found along the stream of the western edge of the area. These outcrops are roughly twice background and are usually found adjacent to swampy terrain of especially low counts.

Sample 78-KC-3, the grey-green silty sandstone of 100 cps, was taken for analysis.

See Drawing No. 42

K. Chase

June 2/3, 1979

FIELD EVALUATION - ANOMALY E-101-B

G.W. Felderhof
K. MacKillop
May 12, 1979

GRID DESCRIPTION:

Baseline - direction 090° Az
- length 1000'

Crosslines - direction 180° Az
- length 1000'

Outcrop Exposure:

Poor, <1%, only in stream.

Rocktypes and Associated Radioactivity:

Outcrop	-	red sandstone	- 55 - 70 cps*
Boulders	-	grey sandstone	- 45 - 130 cps
		red sandstone	- 65 - 80 cps
		diorite	- 40 - 45 cps
		granite	- 85 - 220 cps

Terrain:

Open field in eastern portion of grid, spruce woods in western portion of grid. A good trail (passable on foot) traverses the property from the southwestern corner to the northeastern corner. Two streams flowing from east to west are present in the northern and southern sections of the grid. The southern (larger one) is Yellow Brook.

Anomaly Summary:

Prospecting failed to reveal any radioactively significant outcrop/boulders/overburden. It is possible that one or a combination of the following may be responsible for this anomaly.

a) angular fragments of red sandstone on the trail crossing the grid exhibit radioactive counts (60-80 cps) slightly higher than the overburden adjacent to the trail,

b) grey, medium grained, thinly bedded carbonaceous sandstone boulder in the south central portion of the grid, giving 110-130 cps. This value is twice background, and

c) a granite boulder in the northeastern section of the grid, with radioactive counts ranging as high as 220 cps.

The anomalous grey sandstone boulder was not traced to its source, however, unless additional encouraging results are obtained from surveys in areas not to distant from the grid area, further efforts are probably not warranted.

*SCINTREX GIS-4 SPECTROMETER
ALL READINGS OBTAINED FROM McPHAR TV-1A CONVERTED TO CPS. (TV-1A reading/20)

See Drawing No.43

FIELD EVALUATION - ANOMALY E-100-A

GRID DESCRIPTION:

No grid work undertaken. Prospecting consisted of traverses along the Waugh River, the cultivated fields east of the Waugh River, and a small stream draining into the Waugh River.

Outcrop Exposure:

Fair, 1-2%, along east bank of Waugh River and stream draining field on east side of the river.

Rocktypes and Associated Radioactivity:

Outcrop	- red sandstone, siltstone	- 100 - 130 cps*
	- grey sandstone	- 50 - 60 cps
Boulders	- rhyolite	- 120 - 145 cps
	- granite	- 120 - 170 cps

Terrain:

Generally low relief except for steep drop (approx. 30 feet) to Waugh River and western extremity of cultivated field.

Access:

By truck/Hwy. 311 and gravel road east of highway. On foot - along east bank of Waugh River.

Anomaly Summary:

Background radiometric readings range between 45 - 70 over open field east of Waugh River. There is a good contrast (radiometrically) between this field and the red sandstone, siltstone outcrop - (2-3 times background) on the east bank of the river. This constrast probably accounts for the anomaly. Further work is not recommended for this particular area.

*GIS-4 (SCINTREX) SPECTROMETER. Readings taken with McPhar TV-1A converted to cps. - (TV-1A reading/20 = cps).

See Drawing No. 44

G.W. Felderhof
G.A. Imhoff

May 15/16, 1979

FIELD EVALUATION - ANOMALY E-103-A

GRID DESCRIPTION:

Baseline
- direction 090° Az
- length 1000'

Crosslines
- direction 180° Az
- length 1000'

Outcrop Exposure:

Fair, 1-2%, in stream bed and stream bank.

Rocktypes and Associated Radioactivity:

Outcrop
- red sandstone, siltstone - 45 - 100 cps*
- red mudstone with reduced pods - 115 - 150 cps
- grey, gritty, arkosic sandstone - 80 - 100 cps

Boulders
- grey sandstone - 50 - 65 cps
- red sandstone - 75 - 80 cps
- granite - 150 - 270 cps

Terrain:

Moderate relief in northern portion of grid, however steep embankment (80 feet) to stream (Yellow Brook) which crosses the southern section of the grid. Area predominantly covered with mixed vegetation (spruce and hardwood). Good trail in northwest corner of grid.

Access:

Via trail (passable by truck) which connects with gravel road parallel to the Waugh River. The center of the grid is located 1900 feet east of the gravel road, and 500 feet south of the trail.

*SCINTREX GIS-4 SPECTROMETER. Readings taken with McPhar TV-A converted to cps. (TV-1A reading/ 20 = cps.)

Anomaly Summary:

Prospecting failed to turn up any radiometrically significant outcrop/boulders/overburden. An outcrop of red claystone mudstone with small reduced, grey-green pods exhibiting count rates ranging between 115-150 cps is believed to be responsible for the anomaly. This rock unit is visible over a stratigraphic thickness of approximately 30 feet, and 10-20 feet along strike. It appears to be directly overlain by a chocolate, red brown micaceous thinly bedded, fine grained sandstone, and possibly directly underlain by medium-coarse grained grey carbonaceous gritty, arkosic, thinly bedded sandstone. The beds strike E-W and dip 20° North.

/...

The radioactivity associated with the red mudstone is 2 to 3 times background, however, it is not high enough to warrant additional exploration work on it's own merit. If surveys in the nearby vicinity produce encouraging results, additional work such as a soil sampling survey may be warranted here.

See Drawing No. 45

G.W. Felderhof
G.A. Imhoff

May 16, 1979

FIELD EVALUATION - ANOMALY E-109-A

GRID DESCRIPTION

Baseline - direction 090° Az
- length 1000'

Crosslines - direction 180° Az
- length 1000'

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

Outcrop - None

Boulders - grey sandstone - 60 cps*
red sandstone - 56 cps
granite - 50 cps

Terrain:

Area of very little relief. Spruce and hardwood vegetation - with some bog.

Access:

Via truck, 9000 ft. east of gravel road on the trail (fine road), 27000 ft. at 332° Az on foot.

Anomaly Summary:

Prospecting did not reveal the presence of any radioactively significant boulders or outcrop. However, a soil horizon in the west-central portion of the grid was found to be radiometrically higher (70-100 cps vs 40-50 cps) than the surrounding area. The soil in this high region is composed of a red-brown silt with some sand and clay, and sandstone fragments. Two samples were collected for chemical analysis - EL-8000, and EL-8001. Further work is recommended in this area if these samples are found to contain anomalous U values.

*SCINTREX GIS-4 SPECTROMETER. Readings taken with McPhar TV-1A converted to cps - (TV-1A reading/20 = Sinctex GIS-4 reading).

See Drawing No. 46.

G.W. Felderhof
G.A. Imhoff

May 15, 1979

FIELD EVALUATION - ANOMALY E-16-A

GRID DESCRIPTION

Baseline
- direction 180° Az
- length 1000'

Crosslines
- direction 090° Az
- length 1000'

Outcrop Exposure:

Fair, 1-2%, along stream bank.

Rocktypes and Associated Radioactivity:

Outcrop
- grey shale - 90 - 150 cps*
- grey mudstone - 90 - 120 cps
- grey sandstone - 80 - 100 cps

Boulders
- grey shale, mudstone, sandstone - 90 - 110 cps
- granite - 65 - 170 cps
- rhyolite - 65 - 130 cps
- diorite - 45 - 60 cps

Terrain:

Moderate relief - except along gravel road in the eastern section of the grid where a steep embankment (20 ft) to the stream is a distinct feature. Power transmission line traverses the grid in a northeasterly direction. Grid are predominantly brush covered except for a field in the northwest corner.

Access:

By truck - Hwy. 311, gravel road (for 900') north of hwy.
By foot - 500 feet west to center of grid.

Anomaly Summary:

The probable cause of this airborne anomaly is the abundance of anomalous (twice background) shale outcrops in the north, and east sections of the grid. Radiometrically, the shales are not high enough to warrant assaying, with values in the 300-400 cps range being common for shales in general. No additional exploration work is warranted in this particular area.

*SCINTREX GIS-4 SPECTROMETER. Readings taken by McPhar TV-1A coverted to cps - (TV-1A reading/20 = cps).

See Drawing No. 44

G.W. Felderhof
G.A. Imhoff

May 18, 1979

FIELD EVALUATION - ANOMALY E-101-A

GRID DESCRIPTION

Baseline	- direction 090° Az - length 800'
Crosslines	- direction 180° - length 1000'

Outcrop Exposure:

Poor, < 1%, only on northeast bank of Waugh River.

Rocktypes and Associated Radioactivity:

Outcrop	- grey sandstone	- 50 - 60 cps*
	red sandstone	
	siltstone	- 60 - 80 cps
Boulders	- grey sandstone	- 55 - 70 cps
	red sandstone	- 65 - 85 cps
	granite	- 55 - 130 cps

Terrain:

Cultivated farm land and brush. Waugh River crosses eastern end of grid (flows south or north), and highway 311 traverses western end of grid (north-south). A small glacially deposited ridge (small esker) is evident in the center of the grid. Axis of esker is NW.

Access:

Hwy. 311.

Anomaly Summary:

Prospecting failed to uncover any radioactively significant outcrops/boulders/overburden. The small esker crossing the center of the grid is slightly more radioactive (60-80 cps) than the surrounding area (50-60 cps), and may be responsible for the anomaly. An east-west trending stone ridge near the center of the grid may also have contributed the airborne radioactive high. No further work is recommended on this grid.

*SCINTREX GIS-4 SPECTROMETER. Readings taken with McPhar TV-A converted to cps - (TV-1A reading/20 = Scintrex GIS-4 reading).

See Drawing No. 48

G.W. Felderhof
May 14, 1979

FIELD EVALUATION ANOMALY E-36-A

GRID DESCRIPTION

Baseline - direction 180°
- length 1000'

Crossline - direction 090°
- length 1000'

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

Boulders - red sandstone - 75 - 90 cps
red conglomerate - 85 cps
by-bn sandstone - 70-~~0~~-90 cps
granite - 95 cps
rhyolite - 80 cps

Terrain:

Wooded area. Extreme relief (relative to surrounding area). Small stream flows north to south on east side of grid.

Access:

Via truck - Matheson Corner Road. On foot - 1700 ft. N.E. of gravel road at 069° AZ.

Anomaly Summary:

Prospecting failed to uncover any radiometrically significant outcrop or boulders. Background readings range between 50 - 75 cps, - slightly higher than background readings (90 cps) were evident on the northwest portion of the grid. It is believed that this area in conjunction with the crest of this steep hill is responsible for the airborne radiometric anomaly.

See Drawing No.50

G.W. Felderhof
G.A. Imhoff

May 21, 1979

FIELD EVALUATION - ANOMALY E-39-A

GRID DESCRIPTION

A grid was begun on this anomaly; an 800' long baseline was run. Then it was decided to traverse tree lines, fence lines and streams instead. An 800 by 1400 square foot area was covered in the field evaluation.

Outcrop Exposure:

Very poor, «1%.

Rocktypes and Associated Radioactivity:

Boulders -	red granite	2000 - 5000 cpm
	conglomerate	2100 - 2500 cpm
	sandstone	2100 cpm
	agglomerate	3000 cpm
	red siltstone	2500 cpm
	vesicular basalt	1600 - 1800 cpm
	green siltstone	2600 cpm

Terrain:

The anomalous area is east of a farmhouse - mostly open fields divided by treelines, fences (lined with boulders), and, on the east by a northward-flowing stream. Boulder piles are occasionally found in the centre of the fields.

Access:

Via gravel road between Balmoral Mills and East Earltown - from the fork in the road midway, head NW on the road for 1325 feet, then head 400' N to the anomaly centre

Anomaly Summary:

Prospecting failed to reveal any radioactively significant outcrop/boulders/overburden.

The anomaly was caused by a (2m x 1.5m) rounded, coarse-grained pink granite boulder in the stream, which had 5000 cpm (2.5 times background). The two nearby boulders (6" x 4" each) at 2500 - 3000 cpm (one a red, highly altered siltstone, the other a pink agglomerate) probably contributed to the anomaly.

Other granites at 2.5 times background were also found during the field evaluation. Red granites (2 boulders) at the stream edge NNE (900') of the anomaly centre were 4200-5000 cpm. Similar granites were found in a cesspool wall 200' E of the farmhouse.

Samples 79-KC-4, 79-KC-5, 79-KC-6, #87018, #87019, 79-KC-8, 79-KC-9 and 79-KC-10 were taken.

See Drawing No. 49

K. Chase
June 4/5, 1979

FIELD EVALUATION - ANOMALY E-2-A

GRID DESCRIPTION

Baseline - 1000' @ 180° Az.

Crosslines - 1000' @ 090° "

Outcrop Exposure:

1-2% (one found).

Rocktypes and Associated Radioactivity:

Outcrop	- diabase	1500 cpm	
Boulders	- granite	2000 - 3500 cpm	
	diabase	1000 cpm	
	sandstone:		
	grey	2000 cpm	
	pink	3000 cpm	
	green	2000 cpm	
	shale red	2000 cpm	

Terrain:

The grid is roughly divided in halves by a stream. To the west are fairly open hardwood forests, and to the east are swamps. In the NE corner of the grid are dense spruce forests.

Access:

Five miles SW of Earltown take gravel road approximately 2½ miles NW. to bend in road. Then, at 194° Azimuth head SW for 5000' to anomaly centre.

Anomaly Summary:

Prospecting failed to uncover any radioactively significant outcrop/boulders/overburden.

The cause of the anomaly remains uncertain. Boulders of all lithologies listed above litter the streambed, and have counts of 1500-2500 per minute. The diabase outcrop west of the stream has fairly low counts, at 1500 cpm. Granite boulders provide the highest contrast with the 1500-2000 cpm background, yet only one boulder was found to have the maximum 3500 cpm. To this boulder, then the cause of the anomaly is reluctantly attributed.

K. Chase
G. MacDonald

June 15, 1979

FIELD EVALUATION - ANOMALY E-10-A

GRID DESCRIPTION

Baseline - 1000' @ 180° Azimuth

Crosslines - 1000' @ 090° "

Outcrop Exposure:

2%. (one found!)

Rocktypes and Associated Radioactivity:

Outcrop	- dark grey fine-grained sandstone	2200 - 3000 cpm
Boulders	- black pyritic shale	2200 - 2500 cpm
	pink arkosic conglomerate	1300 - 2000 cpm
	granite	1800 - 2400 cpm
	red sandstone	1400 - 1800 cpm
	pyritic black fine-grained sandstone	1500 cpm

Terrain:

In the centre of the area logging has taken place. To the north and southeast open hardwood forests predominate. In the southwest the terrain is quite swampy.

Access:

From the dirt road (heading NW from Hwy 311) which is 5½ miles SW of Earltown, go 1 mile NW on the southern loop to the fork in the trail. Then go 1700' at 191° Azimuth to the anomaly centre.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

The cause of the anomaly is the outcrop of dark grey fine-grained sandstone, located on a small hill in the centre of the grid. Counts on this hill are 2200-3000 cpm, above the background of 1300 cpm.

Interesting black fine-grained pyritic sandstones, and black pyritic shales (boulders) were found at 5S, 4+50E, and 1S, SE, respectively.

Samples 79-KC-19, 20, 21 and 22 were taken for analysis.

K. Chase
G. MacDonald

June 12, 1979

FIELD EVALUATION - ANOMALY E-12-A

GRID DESCRIPTION

Baseline - 1000' @ 180° Azimuth

Crosslines - 1000'' @ 090° ''

Outcrop Exposure:

0%; subcrop 1%

Rocktypes and Associated Radioactivity:

Subcrop - coarse grained red granite 2400 cpm

Boulders - granite 1100 - 2100 cpm
diorite 600 - 1000 cpm
sandstone 800 - 2500 cpm

Terrain:

The western third of the grid is swampy. In the middle section are mixed hardwood and spruce forests, and to the east are open farm fields.

Access:

Go 3/4 mile NW of Hwy 311 by dirt road (the dirt road is 5½ miles SW of Earltown). From a bend in the dirt road (on the northern loop) head 1050' along the road to the NW, then go 175' south to the anomaly centre.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

As can be pinpointed on the airphoto mosaic, the cause of the anomaly is the pink sandstone boulder at 2500 counts, located in the farm field in the NW part of the grid. Another boulder, at 4S, 2+50W, was a granite at 2400 cpm. This may have contributed to the anomaly. The general background for the area is 1100 cpm.

K. Chase
G. MacDonald

June 11, 1979

FIELD EVALUATION - ANOMALIES E-20-A & E-21-B

GRID DESCRIPTION

Baseline - length 1600 ft.
bearing 180° Az.

Crosslines - length 1500 ft.
bearing 090° Az.

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

rhyolite	70 - 170 cps
red sandstone	70 - 80 cps
grey sandstone	70 - 80 cps
granite	100 - 150 cps

Terrain:

Generally flat lying with minor low areas. Hardwood and spruce predominate with large areas of swamp with small spruce and alders.

Access:

An old logging road intersects the center of the anomaly. This logging road joins highway 311.

Cause of Anomaly:

These two anomalies (centers 500' apart) appear to have been caused by 2 large swampy regions, with readings between 25 and 35 cps, and the drier grounds, with readings between 60 and 90 cps, containing boulder piles of glacial erratics reading up to 170 cps.

KMK & GM
June 2, 1979

FIELD EVALUATION - ANOMALY E-35-B

GRID DESCRIPTION

Baseline - 1000' @ 180° Azimuth

Crosslines - 1000' @ 090° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- red coarse-grained granites	2500 - 3900 cpm
	grey hornblende granodiorite	1200 - 2000 cpm
	diorites and dolerite	2000 cpm

Terrain:

The southern and eastern portions of the grid are swampy hardwood forests. To the north and west are open cut (or logged) areas. A significant open area (100' by 300'), covered by rock rubble is located in the west of the centre.

Access:

From Hwy. 311, 2½ miles SW of Earltown, take dirt road heading SE and SSE for 1.2/3 miles. At the fork, go 300 ft. SE on trail to intersection with stream. Then head 1850 ft. at 217° azimuth to anomaly centre.

Anomaly Summary:

No radioactively significant boulders/outcrop/overburden were found.

The cause of the anomaly may be either:

i the open area of boulder rubble, which has coarse-grained red granites at 3000 cpm (and some dolerite) with trace chalcopyrite at 2000 cpm), and/or

ii the red coarse-grained granite boulder at 3900 cpm, located in the north centre of the grid.

K. Chase
G. MacDonald

June 14/15, 1979

FIELD EVALUATION - ANOMALY E-41-B

GRID DESCRIPTION

Baseline - 1600' @ 180° Azimuth

Crosslines - 1000' @ 090° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders - granite 1500 - 2000 cpm
"gravel" (River John conglomerate clasts, and minor granite) 2000-3000 cpm

Terrain:

Geographically, this grid may be divided into thirds:

i north: open farm fields with boulder piles

ii topographically high gravel pit (700 x 200') in the middle; and

iii south: topographically low swamp, which lacks boulder cover.

Access:

Via Hwy. 311, 0.5 miles NW of Earltown

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

The cause of the anomaly is the topographically high gravel pit (1600 to 3570 cpm) in juxtaposition with a topographically low swamp (300-1100 cpm). Two gravel samples, # 87601 and # 87709, were collected.

K. Chase
G. MacDonald
G. Muise

June 7, 1979

FIELD EVALUATION - ANOMALY E-42-B

GRID DESCRIPTION

Baseline - 1000' @ 090° Azimuth

Crosslines - 1000' @ 180° "

Outcrop Exposure:

0%.

Rocktypes and Associated Radioactivity:

Boulders	- red coarse-grained granite	2000 - 5000 cpm
	red sandstone	3800 cpm

Terrain:

Most of the area is open hardwood forest with minor intermixed spruce trees. The centre of the grid is swampy, and littered with granite boulders.

Access:

2½ miles SW of Earltown, take dirt road 1.1/3 miles to fork in trail. 1000' S on this trail, head ~250' W of circular clearing. From this clearing, head 346 yrds. at 190° Azimuth to anomaly centre.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

The cause of the anomaly are patches of granite boulders at twice background located in the northern and southern parts of the grid. The highest counts were received on a coarse-grained red granite boulder at 4N, 4W (4200 - 5000 cpm).

Samples 79-KC-14,15,16 and 17 were taken for analyses.

K. Chase
G. MacDonald

June 8, 1979

FIELD EVALUATION - ANOMALY E-44-B

GRID DESCRIPTION

Baseline - 1000' @ 090° Azimuth

Crosslines - 1000' @ 180° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- granite	2000 - 2400 cpm
	red sandstone	1320 - 2100 cpm
	conglomerate	1920 cpm
	diorite	1680 - 1920 cpm

Terrain:

Vegetation consists of dense spruce forests with minor open hardwood forests. A small hill is located at the centre of the grid.

Access:

Via Hwy 311, about 0.75 miles south of Earltown, head 1000' due east to anomaly centre.

Anomaly Summary:

No significant radioactive outcrop/boulders/overburden were found.

A satisfactory explanation for this anomaly cannot be made. The highest counts received were from a granite boulder in a roadside drain (3600 cpm) at the far central western end of the grid. Another granite was found to have 2400 cpm, and is located at 5E, 4N on the grid. Either these boulders, or the topographic high at the centre of the grid, caused the anomaly.

K. Chase
G. MacDonald

June 9, 1979

These boulders are 1.5 to 1.9 times the background.

Samples 79-KC-11 (rhyolite tuff 3800 cpm) and 79-KC-12 ("green tuff" 2500-3000 cpm) were taken for analysis.

K. Chase
G. MacDonald

June 5,6, 1979

FIELD EVALUATION - ANOMALY E-46-B

GRID DESCRIPTION

Baseline - 1000' @ 180° Azimuth

Crosslines - 1000' @ 090°

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- granite	1000 - 2000 cpm
	sandstones	
	red	1700 cpm
	maroon	3000 cpm
	grey shaley	1500 - 1700 cpm

Terrain:

Very dense mature and young spruce growth of the tree farm type, dominates the grid - the centre 2nd southern centre of the grid is a topographic high

Access:

On Biorchan Rd, ¼ mile S of Earltown, take trail (found 250' along Biorchan Rd) for 1500', then head 50'S of trail to anomaly centre.

Anomaly Summary:

No radioactively significant boulders/outcrop/overburden were found.

The anomaly is probably due to the maroon sandstone boulders at 4S, 1E which are twice background at 3000 cpm. Sample GM-2 was taken for analysis.

K. Chase
G. MacDonald
G. Muise

June 7, 1979

FIELD EVALUATION - ANOMALIES E-48-C & E-48B

GRID DESCRIPTION

Baseline - 2000' @ 180° Azimuth

Crosslines - 1000' @ 080° "

Outcrop Exposure:

1-2% (one found!)

Rocktypes and Associated Radioactivity:

Outcrop	- pink medium-grained granite	3000 cpm	(#79-KC-25)
Subcrop	- pink medium-grained granite	4000 cpm	(#79-KC-23)
Boulders	- pink medium-grained granite	2500-6000 cpm	(#79-KC-24)
	sandstone	2900 cpm	
	diabase	2300 cpm	

Terrain:

Open hardwood forest with minor swampy areas, dominate the grid. A few clearings (100' by 100' each) are littered with granite boulders.

Access:

From the creek located 3 miles south of Hwy. 311 on the Kemptown Road, head @ 287° Azimuth for 5800'.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

The causes of the anomalies are two granite boulder "patches":

(i) in the northern half of the grid, at 3200-4700 cpm in an area of 2100 cpm background, and

(ii) in the southern half of the grid, at 4000-6000 cpm in an area of 2300 cpm background. Samples 79-KC-23,24 and 25 were taken for analysis.

K. Chase
G. MacDonald

June 13, 1979

FIELD EVALUATION - ANOMALY E-56-B

GRID DESCRIPTION

Baseline - 1300' @ 180° Azimuth

Crosslines - 1000' @ 090° "

Outcrop Exposure:

0%; granite subcrop 1%

Rocktypes and Associated Radioactivity:

Boulders - red to pink, coarse-grained hornblende granite
2000 - 7000 cpm

Terrain:

Vegetation on the grid consists of hardwood trees, with some spruce. The forest is open, with gently sloping hills. Small intervening valleys host numerous granite boulders. The area is bounded by swamps on the west and east, and is traversed by two small streams.

Access:

The grid was located 350' S and 700' W of the large pond, which is west of the Kemptown Rd, 3.25 miles SE of Hwy. 311.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

The causes of the anomaly are red coarse-grained hornblende granite (4000 - 7000 cpm) boulders which are concentrated in small N-S trending valleys located in the northern central fifth of the grid. Sample 79-KC-26 (at 7000 cpm) was taken for analysis.

K. Chase
G. MacDonald

June 14, 1979

FIELD EVALUATION - ANOMALY E-7-A

GRID DESCRIPTION

Baseline - length 1000 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 090° Az.

Outcrop Exposure:

None

Rocktypes and Associated Radioactivity:

granite	100 - 200 cps
grey siltstone	100 - 130 cps

Terrain:

Mostly flat lying, swampy with minor patches of thick spruce and hardwood. Two creeks run through the grid.

Access:

A line 3800 ft. long at a bearing of 242° shoot from a usable road on Nuttby Mountain was compassed to the center of the anomaly.

Anomaly Summary:

There are a number of possible reasons for the anomaly including: 1. a grey shaly subcrop measuring 20' by 30' with readings from 75 - 130 cps, 2. several large pink granite boulders with readings from 100 cps to 200 cps.
3. The terrain itself, with the low swamp readings contrasting the slightly higher readings of the spruce and hardwood stands. The first two seem most probable because of the greater variation with the background readings.

KMK & GM

June 12, 1979

FIELD EVALUATION - ANOMALY E-27-A

GRID DESCRIPTION

Baseline - length 1000 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 090° Az.

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

rhyolite	1600 - 2000 cpm
sandstone	1400 - 1500 cpm
granite	1600 - 2000 cpm

Terrain:

Gently sloping hay field along side highway 311. Near the southern section we get spruce with minor hardwood at the field, bush edge. Numerous rock piles outline the field boundary.

Access:

The anomaly intersects highway 311.

Anomaly Summary:

There are 2 possible reasons for the anomaly. The first is the higher readings we get along a section of the highway at the northern limit of the grid. The average reading here is 3000 cpm for 250 ft. on either side of the road. The gravel is granitic containing rhyolite pebbles. The second explanation would be a rhyolite boulder (1½ ft. by 2 ft) with a reading of 4500 cpm.

KMK & GM

June 10, 1979

FIELD EVALUATION - ANOMALY E-28-A

GRID DESCRIPTION

Baseline - length 900 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 090° Az.

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

granite	1200 - 1500 cpm
sandstone	1200 - 1400 cpm

Terrain:

Generally cut over with hardwood found at the edges of the grid, and minor swampy areas in the western half. There is a gravel road that runs through the eastern section of the grid. The land is gently sloped.

Access:

A gravel road that joins highway 311 intersects the anomaly.

Anomaly Summary:

The only contrast from background were readings obtained in a swamp at the north western end of the grid. The swamp was 250 ft. by 200 ft. giving readings between 400 cpm to 500 cpm compared with background readings 2 and 2½ times higher.

KMK & GMD & GM
June 16, 1979

FIELD EVALUATION - ANOMALY E-31-A

GRID DESCRIPTION

Baseline - length 1000 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 090° Az.

Outcrop Exposure:

poor 1%

Rocktypes and Associated Radioactivity:

brown sandstone	75 cps
maroon red siltstone	90 cps
maroon red shale	90 cps

Terrain:

Generally flat lying with small rolling hills. The area is covered with hardwood and spruce.

Access:

An old usable logging road that joins highway 311 intersects anomaly.

Anomaly Summary:

There are 2 possible reasons for the anomaly. The first reason may be swamps that cover portions of the south-east and south-west sections of the grid. The readings here range between 20 to 40 cps compared with background readings averaging 55 to 70 cps. The area of these swamps are large enough to cause an anomaly however the variation with background may not be great enough.

The second explanation may be due to a small outcrop and associated subcrop in the north-west portion of the grid. The readings in the general area (20' x 20') of this siltstone and shale outcrop range between 80 and 90 cps. This is nearer the centre of the anomaly than the swamps and is the probable reason for the anomaly.

KMK & GM

June 11, 1979

FIELD EVALUATION - ANOMALY E-42-A

GRID DESCRIPTION

Baseline - length 900 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 090° Az.

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

granite 1800 - 3000 cpm

Terrain:

The terrain is gently rolling hardwood covered hills.

Access:

A line with a bearing of 240° was compassed for 1340 ft. from a usable logging road. This logging road joins highway 311.

Anomaly Summary:

There were two areas that contrasted with background readings. The first area was in the eastern portion where several granite boulders had readings between 2000 and 3000 cpm. In the northern portion a large boulder pile (150' x 30') contained mostly granites and minor sandstone. The readings here were between 2000 - 27000. Because of the large area of the second mentioned boulder pile, this is the probable cause of the anomaly.

KMK & GM

June 15, 1979

FIELD EVALUATION - ANOMALY E-49-C

GRID DESCRIPTION

Baseline - length 1000 ft.
bearing 180° Az.

Crosslines - length 1000 ft.
bearing 270° Az.

Outcrop Exposure:

None.

Rocktypes and Associated Radioactivity:

granite	1500 - 4500 cpm
sandstone	1200 - 1400 cpm

Terrain:

Steeply sloping hardwood hill. Baseline runs parallel to the slope.

Access:

From an old logging road joins the Kemptown Road. A line 1500 ft. due north was compassed to the center of the anomaly.

Anomaly Summary:

The background ranges from 1200 - 2100 cpm with numerous granite boulders in the 2000 - 2500 range. However in the north eastern portion there are several granite boulders in an old creek bed giving us readings from 2500 up to 4500 cpm. These boulders covered about 250' in the creek bed.

KMK, GMD & GM
June 10, 1979

FIELD EVALUATION - ANOMALIES E-49-D & E-48-B

GRID DESCRIPTION

Baseline - length 1000 ft.
bearing 180° Az.

Crosslines - length 1500 ft.
bearing 090° Az.

Outcrop Exposure:

None

Rocktypes and Associated Radioactivity:

granite	75 - 250 cps
sandstone	75 - 80 cps

Terrain:

The central portion of the grid is cutover and gently sloping. Near the south eastern portion there is a large swamp surrounded by spruce. The remainder is generally hardwood.

Anomaly Summary:

Anomaly E-49-D was probably caused by a series of granite boulder piles situated near the centre of the grid. These boulders range between 100 and 250 cps and cover 50' x 10' in one location and 30' x 20' in the second location, which is only 125 ft. to the southwest.

Anomaly E-48-B has a similar cause located in the extreme western portion of the grid. Here we get granite boulders with readings between 100 and 175 cps. Background ranges from 45 in swamps to 75 in the hardwood covered hills.

Access:

A line 5000 ft. long and at a bearing of 090° Az was compassed from the Kemptown Rd. to reach the anomaly.

KMK & GM

June 14, 1979

FIELD EVALUATION - ANOMALY E-57-A

GRID DESCRIPTION

Baseline	- direction 090° Az. - length 1000'
Crosslines	- direction 180° Az. - length 1000'

Outcrop Exposure:

1%. (none seen).

Rocktypes and Associated Radioactivity:

Boulders	- coarse-grained red granite	1100 - 2200 cpm
	sandstones - grey and red	1100 cpm
	* green diorite (not in area of anomaly)	4500 cpm
	* red coarse-grained granite (also not in area of anomaly)	2700 cpm

Terrain:

The anomalous area is centred on a broad-topped hill bounded on the south by a tributary of the Nabiscump Brook, and on the north by a deep swamp. The forest is open, mature spruce with minor young (dense) growth. Undergrowth consists solely of thick (3-4") wet, spongy, bright green moss. Boulders are located only by diligent searching. The hill is essentially an elevated swamp.

Access:

The centre of the anomaly was located by traversing 100 feet north from a prominent fork in the Nabiscump Brook, and then heading 3050 feet due west to the anomaly centre. The fork in the Nabiscump is west of the gravel road which heads N from the highway between East Earltown and West Branch River John.

Anomaly Summary:

Prospecting failed to reveal any radioactively significant outcrop/boulders/overburden. The anomaly may be due to the groups of red granite boulders located on the far eastern part of the grid. Contrasted to the low readings of the surrounding swamp, these boulders are 2-3 times background.

Prospecting during the traverse back to the truck uncovered two areas of high counts:

/...

FIELD EVALUATION - ANOMALY E-62-B

GRID DESCRIPTION

Baseline	- direction 180° Az. - length 1000'
Crosslines	- direction 090° Az. - length 1000'

Outcrop Exposure:

1%.

Rocktypes and Associated Radioactivity:

Boulders	- granite	2100 - 3000 cpm
	red sandstone	2200 - 2500 cpm
	River John conglomerate	2200 cpm
	rhyolite tuff	3800 cpm
	"green tuff"	2500 - 3000 cpm

Terrain:

The centre of the anomalous area is a small hill, surrounded by streams to the north and south, the gravel road to the NW, and a swamp to the east. Mature spruce forest dominates to the NW and W, and long-needled pine with minor spruce, is found to the east. Boulders are found piled along fences, and lying streams.

Access

From Stewart Rd, and the junction with a dirt road (running south just west of the county line) - head 450 feet down the road, then 340 feet due south to the anomaly centre.

Anomaly Summary:

Prospecting failed to reveal any radioactively significant overburden/outcrop/boulders. The anomaly may be due to:

(i) River John conglomerate and granite boulders (both at 3000 cpm), 100 ft. from the "green tuff" boulder (of 25-3000 cpm) - all located 400 ft. SW of the anomaly centre, and/or

(ii) A rhyolite tuff boulder (of 3800 cpm) and a group of granite and sedimentary boulders (of 2700 cpm) located 700 feet SSW of the anomaly centre.

/...

(i) 680 ft. due west of starting point (at Brook Fork) on the way to the anomaly centre, a pink granite boulder (and some other granites) were measured at 2700 cpm. Sample 78-KC-13.

(ii) On the river bank between the fork in the Brook and the gravel road a diorite boulder was found to have 4500 cpm - Sample 79-GMD-1. Nearby granitic boulders also had high counts.

K. Chase
G. MacDonald
June 6, 1979

FIELD EVALUATION - ANOMALY E-24-A

GRID DESCRIPTION

Baseline - 1000' @ 090° Az.

Crosslines - 100' @ 180° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- grey sandstone (f.g.)	1500 - 2200 cpm
	grey shaley sandstone	2500 cpm
	diorite	1700 cpm
	granite (c.g., pink)	2400 - 3000 cpm
	red sandstone	2400 cpm

Terrain:

The central and middle part of the grid is vegetated by bushy spruce trees at intervals of 10-15 feet. This area is a former field and is lined by boulder fences, and dotted by boulder piles. To the south, the open spruce area is bounded by mature dense spruce forests, and to the north by swamp. Streams and trails run generally at 180° azimuth through the grid.

Access:

Head 1500'S on trail (located 4 miles SW of Earltown off Hwy. 311) to fork in trail. Then go 700' at 052° azimuth to the anomaly centre.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found. The cause of the anomaly is the granite, red sandstone and grey shaley sandstone boulder pile at 3W, 1S on the grid. Counts on the pile varied from 2500-3000 cpm, with granite being the most radioactive lithology. It is thought that this boulder pile, 10' x 10', at 1.5 times background and in juxtaposition with a swamp, caused the anomaly.

K. Chase

June 18/21, 1979

FIELD EVALUATION - ANOMALY E-25-B

GRID DESCRIPTION

Since the anomalous area could be accurately located on the airphoto, and was known to be west of the trail, lines 3,4 and 5E were omitted.

Baseline - 700' @ 090° Az.

Crosslines - 1000' @ 180° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- grey sandstone-red sandstone	500 - 1200 cpm
	grey gritty arkose	1100 - 1200 cpm
	coarse-grained granite	1200 - 1500 cpm

Terrain:

The anomalous area is a very swampy mixed spruce and hardwood forest. The centre of the grid is dominated by thickly-growing 6-10 feet tall alders, near the westward-flowing stream. Hills surround the swamp to the north, east and south.

Access:

From the fork in trail described for Anomaly E-24-A, head 1800S to a clearing at trailside easily identifiable on the airphoto and on the ground. The anomaly centre is 100' west on the trail, in the swamp.

Anomaly Summary:

No radioactively significant outcrop/boulders/overburden were found.

A slightly elevated clearing at trailside, 1N, 2+50E, contains granite and grey sandstone boulders and gravelly rubble with counts of 1500 cpm. These boulders at three times the background of counts received in the swamp, probably caused the anomaly. The fact that this clearing is more elevated than the swamp probably contributed to make this location anomalous.

K. Chase

June 21/22, 1979

FIELD EVALUATION - ANOMALY E-25-A

GRID DESCRIPTION

Baseline - 1000' @ 090° Az.

Crosslines - 1000' @ 180° "

Outcrop Exposure:

0%

Rocktypes and Associated Radioactivity:

Boulders	- coarse-grained red "knobby" granite	1000 - 3000 cpm
	pink and red sandstones	1200 - 2200 cpm
	grey sandstone	1100 - 1600 cpm
	grey conglomerate	1400 cpm

Terrain:

The anomaly is centered on a hill, bordered by swamp to the south. Further to the south active logging is occurring. Relief in the area is 20-25 feet.

Access:

On the trail described for anomalous E-2-B and E-24-A, go 1150'S of E-25-B to the bend in the trail (where an identifiable clearing is visible on the airphoto). At 074° azimuth, head 180.4 feet.

Anomaly Summary:

No radioactively significant outcrops/boulders/overburden were found.

The cause of the anomaly is a pink, coarse-grained "knobby" granite boulder, 6' x 12' x 12', at 3000 cpm (2.7 times background). In the immediate area of this huge boulder, several smaller granite boulders at 2000 cpm probably contributed to cause the anomaly, centered on a small hill.

K. Chase

June 22, 1979

G. Conclusions (based on Airborne and Reconnaissance Surveys)

Favourable results from the various surveys which constituted the exploration program, outlined terrane in three areas within the Earltown claim group as potential hosts to uranium mineralization. These are:

1) The acid volcanics (formerly mapped as SE-3) which form the base?) of the Devonian, River John Group - Upper unit (DRJ-U). Two models for possible economic uranium mineralization are suggested for these rocks;

   a) vein type deposit within the acid volcanics, and
   b) disseminated, stratabound deposit within the acid volcanics.

   Evidence to support the suggestion of uranium mineralization in these rocks are as follows:

   a) this sequence of acid volcanics is believed to be the source of rhyolite boulders located approx. 2.5 km to the north. these boulders assay up to 1.34 lbs/ton U_3O_8.
   b) high grade uranium mineralization found in rocks of similar age and lithology approximately 26 km to the west (Gulf Minerals Ltd.), and
   c) anomalous uranium values obtained from soil samples collected in this area.

   The claims covering the ground on which these favourable rock types are situated are contained within exploration licences 3370, 3454 and 3455. Similar geologic settings appear to be present on ground contained within exploration licenses 3452, 3453 and possibly 3456.

2) The Pennsylvanian sediments in the northwest corner and north-central region of the property. This ground is contained within exploration licences 3456, 3454, 3458, 3459 and 3802. A sandstone type model of uranium mineralization is postulated for these rocks. Evidence to support the presence of uranium mineralization in these areas are as follows:

a) Anomalous U values in soil samples

b) anomalous U values in well water samples

c) potential host rocks show characteristics favourable to the deposition of uranium - ie. - proper lithology, presence of reductants (pyrite carbonaceous trash), favourable source area (Cobequid pre-Carboniferous Complex) etc., and

d) presence of two small uranium occurrences in rocks just north (0.2 and 1.0 km) of the anomalous zones. Assays of samples taken from one of these showings are currently being carried out. One of the showings is situated in EL-3802 held by Wyoming Min. Corp., and the other is located on ground held by Noranda Mines Ltd.

3. The Mississippian 'granitic' rocks in the southern portion of the property (exploration licenses 3449, 3450, 3451). The uranium mineralization could be hosted within shear zones similar to that at Gasperaux Lake, Lunenberg County (Esso Minerals Ltd.), or as disseminations within the rock itself.

Field criteria believed to support the presence of uranium mineralization in this region are as follows:

1) higher than background (2x) radiometric counts obtained from some granitic boulders,
2) a number of strong airborne radiometric anomalies occur here, and
3) a number of anomalous uranium values - although sporadically distributed - obtained from reconnaissance soil samples.

4. DETAILED EXPLORATORY WORK CONDUCTED ON THE BASIS OF RESULTS OBTAINED FROM THE RECONNAISSANCE PROGRAM

On the basis of positive indications of uranium mineralization associated with the acid volcanics of the Devonian, River John Group, a detailed exploratory program was initiated and is still in progress. This program is concentrated on Grid E-1000 located in the central (Matheson Corner) section of the property - exploration licenses 3454, 3455 and 3370, (See Drawing No. 3). The objective of the detailed exploratory work is to focus in on potential drill targets. The following outlines the results of the surveys completed to date, and those currently in progress.

A. Geological Mapping

Outcrop exposure on Grid E-1000 is very poor (approximately 1% or less), being essentially restricted to stream beds and road cuts (see Drawing No. 9). The outcrops are generally of very low profile and fairly well weathered. Rock types encountered on Grid E-1000 are maroon-red polymictic pebble conglomerate, red sandstone, siltstone, minor grey siltstone and mudstone, red tuffaceous sandstone, red porphyritic rhyolite tuff, rhyolite breccia, agglomerate rhyolite and grey, banded rhyolitic tuff. As mentioned previously in this report, diamond drilling currently in progress has provided information indicating that all the above rocktypes are part of the same sequence of rocks, forming what appears to be the base of the Upper Devonian River John Group. These rocks dip gently (5-30°) to the north northeast and rest unconformably (angular unconformity) on Silurian meta-sediments. The trace of the unconformity is believed to be trending in an east, southeast direction near the southern boundary of the grid.

Faulting is not apparent in outcrop or other surface features, however is indicated in the geophysical surveys and diamond drill core. The geophysical surveys suggest north, and north-west trending fault structures. Evidence of shearing in the drill core includes:

a) broken core (blocky drilling)
b) presence of fault gouge
c) chloritic zones, and
d) slickensiding.

It is believed that the fault movements has complicated the rock structure to a certain extent in the central portion of the grid, where drilling is currently in progress. This has become apparent as a result of the difficulty in predicting the reconstruction of the volcanic horizons between drill holes.

The majority of the rhyolitic rocks examined to date are very hematitic - hence the red colour. This strong oxidation feature is believed to be a primary one, reflecting the subaerial conditions under which these rocks were laid down. The interbedded nature of the volcanics and the sediments, and the presence of tuffaceous sandstone suggests that volcanic activity was intermittent during the early stages of 'Upper River John Group' sedimentation.

Alteration - often to a high degree - is indicated by:

a) the presence of chlorite in both the volcanics and sediments,
b) green-grey argillaceous zones within the sediments, and
c) dark brown-black ferrous(?) zones in porphyritic rhyolitic tuff.

The acid volcanics observed to date on Grid E-1000 do not exhibit radiometric counts as high as that shown by the anomalous boulders in the McBains Corner area 120-250 cps versus 200-1100 cps. However, because of the paucity of outcrop, it does not preclude this sequence of rocks as the source of the anomalous boulders.

Fracture controlled malachite mineralization was observed in a rhyolite breccia boulder, in a gravel pit east of Hwy. 326 near the W. Matheson house.

B. Ground Spectrometer Survey

The grid area was prospected for radioactive rhyolitic boulders, however none were found to exceed 250 cps. Numerous 'rhyolite' boulders exhibiting a wide range of colours and textures were encountered in streams and overburden. The location of a large number of these boulders is indicated on Drawing No's 3 to 9.

C. Soil Geochem Survey

Soil samples were collected at 100' centers over the area of primary interest on the grid, and at 200' centres over the remainder of the grid area. The results of this survey are presented in Drawing No. 10. The results confirmed the anomalous U values obtained from this area in the reconnaissance survey, and delineated a number of geochemically anomalous zones. Anomalous U values range between 1.0 - 8.2 ppm, with background values ranging between 0.2 - 0.6 ppm. Some of these anomalous zones show good correlation with results obtained in the radon survey and geophysical surveys (see Drawing No. 16).

The anomalous zones coinciding with the fields in the vicinity of Hwy. 326 are believed to be false, resulting from uranium bearing phosphate fertilizer spread on the fields by local farmers.

D. Radon Survey

Two hundred and fifty radon cups (Westinghouse Alpha-2 system) were strategically placed on Grid E-1000. These were in place for approximately 40 days, after which the dosimeters were returned to the laboratory for reading. The results of this survey are presented on Drawing No's 11 and 12. Interpretation of the results indicate the background values to range between 40 - 120, and readings greater than 120 to be anomalous. Readings greater than 300 are considered to be highly anomalous. It is evident from these results that a number of highly interesting anomalous zones occur. Some of these zones correlate well with the results obtained in the geophysical surveys (magnetic highs and EM conductors) and geochemical survey (see Drawing No. 16).

E. Magnetometer Survey

A magnetometer survey was conducted over a portion of Grid E-1000 in the aniticpation of delineating abnormal magnetic features which could be interpreted as geologic contacts, faults, etc. The results of this survey are presented in Drawing No's 13 and 14. Interpretation of the results indicates a zone of high magnetic intensity (relative to adjacent areas) which appears to be offset by faults in two locations. This magnetic zone is coincident with areas showing anomalous radon readings in two locations, and with an EM conductor in one location (see Drawing No. 16).

F. VLF-EM-16 Survey

A VLF-EM-16 survey was carried out over the entire grid to outline conductors which could be related to geologic features such as contacts, faults or shear zones. The results of this survey are illustrated on Drawing No. 15. Although a number of the conductors are probably due to conductive overburden the remainder are related to geologic features in the subjacent bedrock. Some of these conductors correlate well with favourable results obtained in the radon survey, and soil geochem (U) survey, suggesting the presence of conductive faults or shear zones from which uranium has been transported and/or radon gas is migrating to the surface. The relationship between EM conductors and anomalous zones outlined by the aforementioned surveys is indicated on Drawing No. 16.

5. CONCLUSIONS AND RECOMMENDATIONS

The detailed exploratory work conducted on Grid E-1000 (Exploration Licenses 3454, 3455 and 3370) confirms the positive results obtained in the reconnaissance segment of the program.

There is a high statistical probability that the anomalous rhyolite boulders (assay to 1.34 lbs/ton U_3O_8) located in the McBains Corner area are derived from the sequence of acid volcanic rocks in the Grid E-1000 area. The excellent correlation of results of the various surveys suggests the presence of uranium mineralization associated with structures such as faults or shear zones, and/or a particular horizon within the sequence of acid volcanics at the base of the Devonian, River John Group - Upper unit.

Diamond drilling is recommended to test the anomalous zones, electromagnetic conductors and magnetic features indicated in the aforementioned surveys for uranium mineralization. An effort should also be made to intersect the volcanic horizon which is lithologically similar to the anomalous boulder, in the event this particular rock type is not encountered during testing of the anomalous zones.

Field investigation should be undertaken in ~~origins~~ regions where the lower portion of the Upper River John Group is known to be present, to ascertain the presence of potentially uraniferous volcanic rocks. Such ground should be staked whereever it occurs outside licenses currently held by Wyoming Mineral Corporation.

6A FINANCE

LICENCE NO.	NO. OF CLAIMS	MAN DAYS RECCE WORK	MAN DAYS GROUND FOLLOW-UP AIRBORNE ANOMALIES	MAN DAYS GRID E-1000	TOTAL MAN DAYS	GROUND WORK at $216/man day	AIRBORNE SURVEY ($ value)	TOTAL EXPENDITURE	CREDIT CARRIED FORWARD
3369	80	6.5	20	---	26.5	$5,724.	$1,324.	$7,048.	---
3370	48	7.0	10	53.5	70.5	$15,228.	$ 794.	$16,022.	$6,422.

TABLE 6(b) CLAIMS DUE JULY 4th

LICENSE NO.	NO. OF CLAIMS	MAN DAYS (RECCE)	MAN DAYS GROUND FOLLOW-UP)	MAN DAYS DETAILED GRID	TOTAL MAN DAYS	MAN DAYS @ $216/DAY	AIRBORNE SURVEY (PRO-RATED)	TOTAL EXPENDITURE	CREDIT CARRIED FORWARD
3449	26	7	16	-	23	$ 4,968	$ 1,324	$ 6,292	$ 1,092
3450	14	7	10	-	7	3,672	1,324	4,996	2,196
3451	20	6	10	-	16	3,456	1,059	4,515	515
3452	17	6	4	-	10	2,160	1,324	3,484	84
3453 3453a	27 8	7	24	-	31	6,696	1,324	8,020	800 220 ~~2,620~~
3454	71	6	30	27	63	13,608	1,324	14,932	732
3455	65	7	2	46	55	11,880	1,324	13,204	20,400
3456	56	7	40	-	47	10,152	1,324	11,476	276
3457	35	7	20	-	27	5,832	1,324	7,156	156
3458	37	10	19	-	29	6,264	1,324	7,588	188
3459	13	8	2	-	10	2,160	596	2,756	156
TOTAL		78	177	73	328	$70,848	$13,571	$84,419	

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Cook, H.B.S., 1979: Professor of Geology (Pleistocene), Dalhousie University; personal communication.

Donohue, H.V. and Wallace, P.T., 1978: Geology map of the Cobequid Highlands, N.S.D.M. Pre. Map 78-1.

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Appendix 1 - Geoterrex Report

Appendix 2 - U/Th Anomalies

Appendix 3 - Analytical Results (Barringer Research)

APPENDIX - 1

LOGISTICS REPORT

on the combined

AIRBORNE RADIOMETRIC AND MAGNETIC SURVEY

in

NOVA SCOTIA

conducted by

GEOTERREX LTD.

on behalf of

WYOMING MINERAL CORPORATION

OTTAWA, Ontario

June, 1978

R. Steve Graham
Geophysicist

geoterrex ltd.

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APPENDICES

A.	Location Map of Survey Areas
B.	Table of Background Values
C.	Description of Raw Digital Field Tapes
D.	Description of Archive Data Tape and List of Contents

I. SURVEY PARAMETERS

Geoterrex Ltd. conducted a combined Airborne Radiometric and Magnetic Survey during the period May 23 to 28, 1978, on behalf of Wyoming Mineral Corporation. The survey covered two separate areas in Nova Scotia. These areas are referred to as "The Westchester Block" and "The Earltown Group".

The survey areas are shown on the location map draughted on each map sheet produced. A copy of the location maps is attached to this report as Appendix A.

Flight lines spaced at 200 metre intervals were oriented in a North-South direction except for the small northwest portion of each area where the lines were flown in an East-West direction. A total of 1,394.6 line kilometres was flown on this grid at a mean terrain clearance of 45 metres and at an average ground speed of 175 kilometres per hour. The breakdown in line kilometres for each area is 1,029.4 line kilometres for the Westchester Block and 365.2 line kilometres for the Earltown Group.

Navigation was by visual means, utilizing air photo mosaics at a scale of 1:15,840.

II. AIRCRAFT AND EQUIPMENT

The aircraft used for this survey is a DeHavilland DHC-3 Otter, registration CF-AYR, owned and operated by Geoterrex Limited under the aerial work licence of Laurentian Air Services Ltd.

The equipment on board the aircraft used for the purpose of this survey is listed below:

A. Exploranium DiGRS-3001, 4-channel digital output gamma ray spectrometer,

B. Crystal Detectors - 4 Harshaw polyscin 4"x4"x16" plus 3 Harshaw cylindrical 7"x4" and 1 Harshaw cylindrical 6"x4", Sodium Iodide (Thallium activated) crystals. Total volume is approximately 1600 cubic inches.

C. Geometrics Model G803 proton precession magnetometer,

D. Geometrics Model G704 Digital acquisition system with Cipher Model 70 magnetic tape recorder.

E. Galton Model TR-888, eight-channel analogue recorder (4 cm/channel).

F. Moseley 7100-B Dual 10" Analogue recorder.

G. Sperry Radar Altimeter

H. Intervalometer, a Geoterrex solid state model.

I. A 35 mm continuous strip tracking camera.

III. EQUIPMENT OPERATION AND DATA RECORDED

The system is controlled by a command signal from the spectrometer, which through the intervalometer system synchronizes the magnetometer and spectrometer sample times with the digital and analogue recorders and the camera times. The sample interval was 1.0 seconds, with integer fiducials generated every 10 seconds. The integer fiducials are indicated by a wide mark on the analogue trace of both recorders and by a solid dot on the tracking film.

The spectrometer is calibrated on Uranium and Thorium sources. The four windows were set as follows:

Total Count	0.4 to 2.82 MeV
Potassium	1.36 to 1.56 Mev (K40)
Uranium	1.66 to 1.86 MeV (Bi 214)
Thorium	2.42 to 2.82 MeV (Tl 208)

Spectrometer stability is achieved by maintaining the NaI (Tl) crystals and photo multiplier tubes at a constant temperature. The high voltage supply is closely regulated.

A system resolution determination was made once prior to the start of the survey and once during the survey. The thorium response was measured and the data plotted to show exact peak shape. The system resolution had not deteriorated during the course of the survey.

In order to ensure spectrometer repeatability, the following checks were performed and monitored daily:

A. System calibration was checked by placing sample sources of uranium and thorium respectively in fixed positions relative to the detectors. Values observed less background counts remained constant within 10%.

B. A five-kilometre long test line was flown at survey altitude at the start and end of each survey day. The results indicated that the spectrometer repeatability was acceptable.

C. Radar altimeter checks were made while flying over water at 30 metres altitude.

D. Analogue chart zero and full scale positions were checked and adjusted before and after each flight.

E. Atmospheric background was measured by flying over water at survey altitude before and after each production flight.

The data measured were recorded in analogue and digital format without any corrections applied. On the total count and uranium analogue channels the full scale readings were adjusted on the early flights in order to obtain suitable analogue scales. On the TR-888 each channel is four centimetres wide, and the scale for each of the parameters in order of chart top to chart bottom are as follows:

	Flight 1	Flight 2	Flight 4 - 10
Integer Fiducials	every 10 seconds (10 samples)		
Radar Altimeter (metres)	0-150	0-150	0-150
Thorium (cps)	0-200	0-100	0-100
Uranium (cps)	0-200	0-100	0-100
Potassium (cps)	0-500	0-500	0-500
Total Count (cps)	0-16,000	0-8,000	0-4,000
Magnetic Field	1,000 gamma full-scale deflection		
Magnetic Field	10,000 gamma full-scale deflection		

On the Moseley 7100-B, two channels have a 10 inch width. Magnetics were recorded on this recorder at scales of 1,000 gamma and 10,000 gamma full scale deflection. Integer fiducials are indicated every 10 seconds (10 samples).

Digital data was recorded in ASCII code on the cipher magnetic tape recorder, using seven track tape at 200 bpi. Each sample interval, that is one second of data, is recorded as one record of 47 characters, with 20 records per physical block. A description of the field data format is contained in Appendix C.

IV. PERSONNEL

The personnel involved in this survey are as follows:

A. Davies	Pilot	Val d'Or, P.Q.
A. Tolley	Navigator	Maniwaki, P.Q.
A. Proulx	Electronics Operator	Ottawa, Ont.
J. Taggart	Data Reductionist	Ottawa, Ont.
S. Graham	Geophysicist	Ottawa, Ont.
R. Schingh	Drafting Chief	Ottawa, Ont.
R. Wasylechko	Geophysicist	Ottawa, Ont.

The survey was under the supervision of R.M. Wasylechko.

Wyoming Mineral Corporation was represented in the field by Mr. W. Felderhof, Geophysicist and Mr. G. Park, Geophysicist.

V. DATA REDUCTION

As the flying progressed the flight path was verified on a daily basis and a flight plan map was completed within a few days after completion of the flying.

The analogue data was edited and reviewed by the geophysicist. Significant anomalies were slected, listed, graded and plotted onto the flight strip mosaic map. The grading of anomalies was made as objective as possible by tabulating:

- anomaly amplitude over local background,
- curve shape and anomaly width.

For the smaller Westchester Block this information was submitted to Wyoming Mineral in the field, and in the Earltown Group, the data was shipped soon after completion of the flying.

The raw edited digital spectrometer data was corrected for atmospheric background, aircraft deviations from the planned survey altitude, and Compton Scatter. Average background values were obtained from the calibration flights carried out before and after each production flight. Backgrounds subtracted were determined by linearly interpolating on a time basis from the pre-flight average value to the post-flight average value. The background values used are

tabulated in Appendix B of this report.

Compton scatter coefficients were determined by calibrating the aircraft spectrometer system on the GSC radiometric pads at Uplands Airport, Ottawa. The coefficients obtained are:

Uranium by Thorium	- 0.36731
Potassium by Thorium	- 0.40643
Potassium by Uranium	- 0.79876

The altimeter attenuation coefficients were determined by flying over the Breckenbridge Test Strip near Ottawa and the Ottawa River at several different altitude levels. The results yielded the following attenuation coefficients:

Total Count	0.00617 metres^{-1}
Potassium	0.00941 metres^{-1}
Uranium	0.00827 metres^{-1}
Thorium	0.00741 metres^{-1}

The data has not been reduced to indicate %K, ppm U and ppm Th, but is compiled in counts per second (cps) response.

After the corrections were carried out the spectrometer data was smoothed by a three-point running average.

The unsmoothed data was used to compute the Uranium/Thorium ratio, the Uranium/Potassium ratio and the Thorium/Potassium ratio.

In computing the uranium standard deviations, all calculations are based on the assumption that the recorded data is normally distributed. The uranium mean count rate and standard deviation statistics are computed for each line of survey data.

The flight path was digitized from the photo mosaic. A list showing all of the lines compiled, their part numbers, direction of flight, and picked fiducial boundaries has been submitted to Wyoming Mineral Corporation with the data.

The computer programs used for correcting the data are described by R.L. Grasty, 1972, "Airborne Gamma Spectrometry Data Processing Manual", GSC Open file number 109.

An archive tape of the edited data was produced. The tape is written on a nine-track tape, 800 bpi, coded in EBCDIC. A description of the tape format and a listing of tape contents are attached to the back of this report.

VI. PRODUCTS PRODUCED

The corrected radiometric data, the magnetic data, and the positional information was used to produce:

- flight-line maps
- multi-channel profiles
- Uranium Standard Deviation Maps

All of the products are produced at a map scale of 1:15,840

The flight-line Maps and Uranium Standard Deviation Maps are plotted on screened photomosaic backgrounds.

Each Multi-channel Profile has the following traces plotted from top to bottom:

- terrain clearance
- thorium/potassium ratio
- uranium/potassium ratio
- uranium/thorium ratio
- corrected thorium
- corrected uranium
- corrected potassium
- corrected total count
- magnetics

The vertical scales and units for each of the above channels are shown on the left-hand end of each trace. Picked fiducial points, indicated by an "X", have been projected along the lower most horizontal axis. Even fiducial values have been marked by solid ticks along the horizontal axis of each trace. At the ends of the lines, where the data is well beyond the survey boundaries, the even fiducial intervals may be slightly elongated. On each profile the line number, the part line number, and the survey area name is clearly labelled.

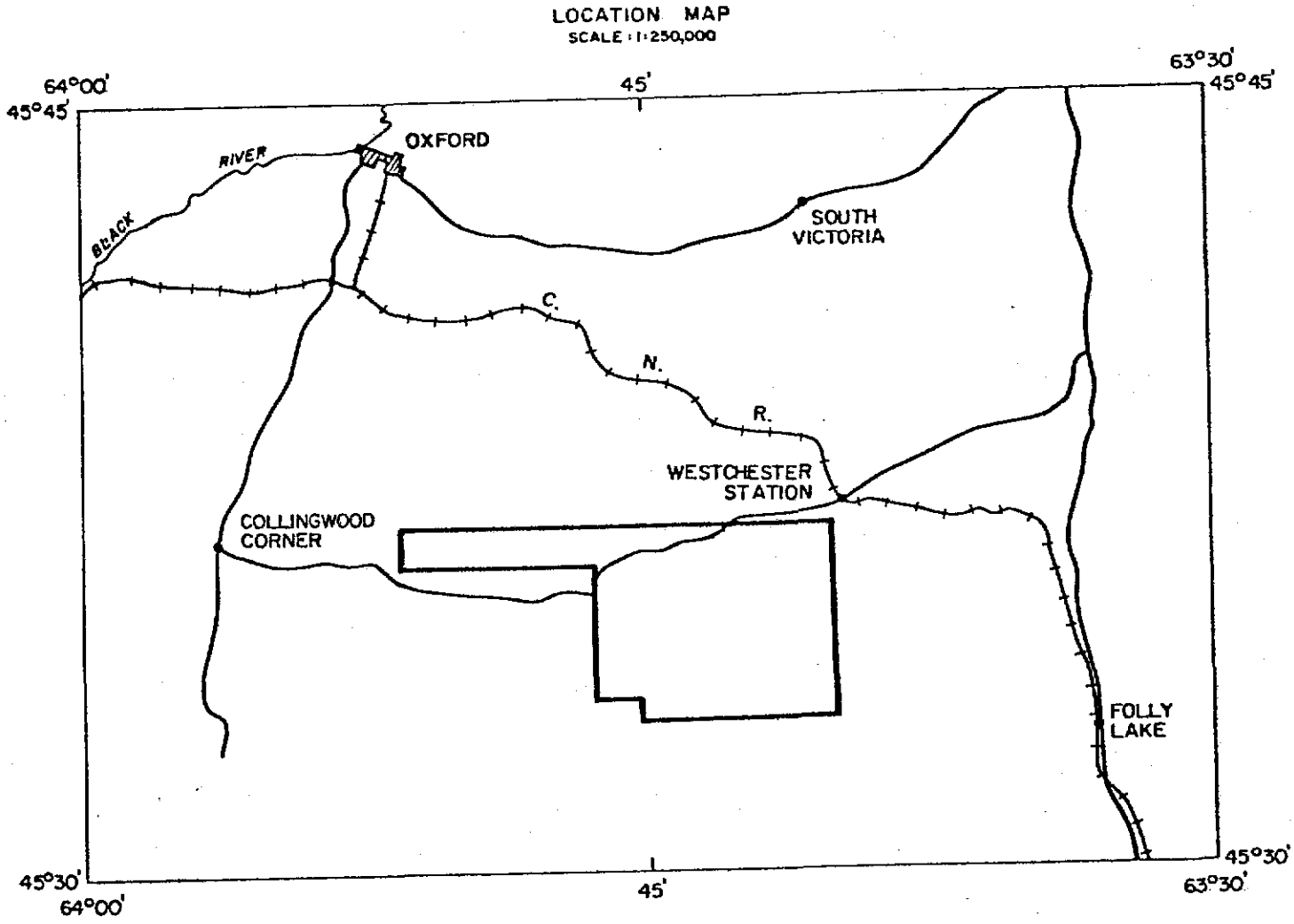
The Uranium Standard Deviation Map is plotted with the flight line datum set at +1.0 standard deviation. The scale used is 4 standard deviations per centimetre. Anything less than +1.0 standard deviation above the mean is not plotted. At one end of each flight line, the line number, the mean count rate and the standard deviation values are plotted. In general this map will reflect changes in lithology. The terms "anomaly" and "anomalous values" do not have universally accepted meanings but perhaps the most widely accepted definition is to declare values deviating at least 2 standard deviations from the mean as anomalous. This definition has validity when comparing data from similar geologic units. For a profile crossing different rock units the definition of anomaly is not as straight-forward. Nevertheless in looking at the histograms, values greater than 3 to 4 standard deviations on the uranium channel would be of interest. Very broad "anomalies" most

likely represent a distinct lithological unit. In summary, the ideal uranium anomaly is sharp, strong and not coincident with a thorium anomaly.

Respectfully submitted

R.S. Graham
Geophysicist

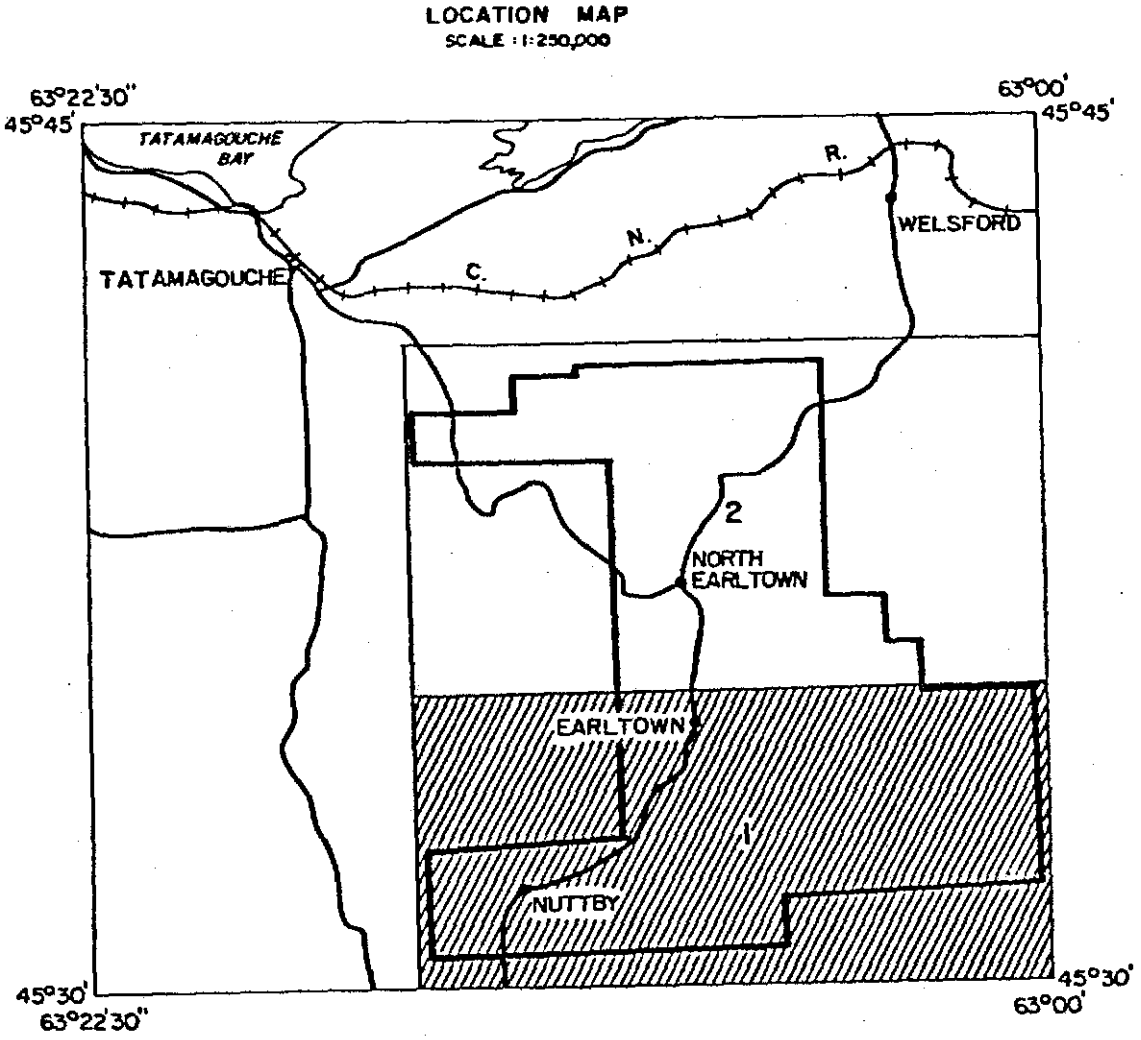
APPENDIX A



LOCATION MAP FOR WESTCHESTER BLOCK

geoterrex ltd.

APPENDIX A



LOCATION MAP FOR EARLTOWN GROUP
(2 map sheets)

APPENDIX B

TABLE OF BACKGROUND VALUES

FLIGHT	Pre-Flight				Post Flight			
	TC	K	U	Th	TC	K	U	Th
1	302.5	32.2	12.8	7.7	294.0	31.5	11.7	7.8
2	288.9	31.1	11.9	7.7	294.2	29.4	11.0	7.5
4	280.0	29.8	10.1	7.4	300.0	30.2	12.0	7.6
5	295.0	31.0	11.3	7.5	295.0	31.0	11.5	7.8
7	297.4	33.0	12.8	7.1	311.7	31.8	12.5	7.3
8	295.0	32.2	11.2	7.6	300.0	32.2	12.6	7.8
9	293.7	31.4	11.5	8.2	322.7	34.0	12.6	8.0
10	303.0	34.0	12.4	7.8	303.0	34.0	12.4	7.8

The above table lists the background values (cps) for the four radiometric channels. The values are averaged from the survey test data. Backgrounds subtracted are calculated by linearly interpolating on a time basis from the pre-flight to the post-flight average value.

APPENDIX C

1978 OTTER FIELD TAPE DESCRIPTION

Tape Density	:	7 track, 200 B.P.I.
Recording Mode	:	ASCII (with even parity bit)
Physical Blocksize	:	940 bytes
Logicial Record Length	:	47 bytes

Individual Record Description

Byte Position(s) within Record	Contents
1	carriage return (X'0D')
2	line feed (X'0A')
3-7	manual input characters
8-12	sequential counter *
13	blank (X'20')
14-18	magnetics
19-22	total count
23-24	total count multiplier
25-28	potassium
29-30	potassium multiplier
31-34	uranium
35-36	uranium multiplier
37-40	thorium
41-42	thorium multiplier
43	blank (X'20')
44-47	radar altimeter

* Fiducials are generated on the analogue records and on the film each time the low order digit of the sequential counter is 0. For example when the counter is at 220, fiducial 22.0 will be generated. At 222, the fiducial value will be 22.2. The next fiducial will be generated when the counter reaches 230.

Refer to the flight logs for a list of contents of the field tapes.

APPENDIX D

Archive Tape Format Description

TAPE DENSITY: 9 Track, 800 BPI

RECORDING MODE: EBCDIC

PHYSICAL BLOCKSIZE: 20,000 bytes

LOGICAL RECORD LENGTH: 200 bytes

RECORD FORMAT: Each record contains 25 parameters in integer format of (25I8). The following list explains the contents of each parameter.

Parameter	Description
1	Line identification code (flight x 10^6 + Line x 10^3 + Part)
2	Fiducial
3	Sequential counter
4	Magnetics
5	Alternate fiducial
6	Altimeter (feet)
7	Total Count (cps x 1000)
8	Potassium (cps x 1000)
9	Uranium (cps x 1000)
10	Thorium (cps x 1000)
11	Corrected smoothed total count (cps x 1000)
12	Corrected smoothed potassium (cps x 1000)
13	Corrected smoothed uranium (cps x 1000)
14	Corrected smoothed thorium (cps x 1000)
15	0
16	0
17	0
18	0
19	0
20	0
21	Uranium/Thorium ratio (x 1000)
22	Uranium/Potassium ratio (x 1000)
23	Thorium/Potassium Ratio (x 1000)

24	X Coordinate (inches x 100)
25	Y Coordinate (inches x 100)

Note: - a negative (X,Y) coordinate denotes a picked fiducial point.

-block which contains data at end of a line is 0 filled.

-order of lines on tape as per flight log.

APPENDIX - 2

U/Th Anomalies - S. Graham, Geoterrex

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
31N	1337.4 - 1337.8	Medium	Narrow	2½	Medium Th
30S	1350.5 - 1351.2	"	Medium Broad	4	Th
25N	1411.7 - 1412.4	"	Narrow	3	Th
25N	1412.4 - 1412.7	"	"	2	Low Th
25N	1412.9 - 1413.3	"	"	2	Low Th
24S	1424.2 - 1424.8	"	"	3	Th
22S	1450.0 - 1450.3	"	"	3	Th
22S	1450.3 - 1450.7	"	"	3	"
22S	1450.8 - 1451.3	"	"	3	"
18S	236.0 - 237.8	"	Broad	4	Th, Geological
16S	269.1 - 269.6	"	Narrow	2½	Medium Th
13N	314.3 - 314.7	Medium Strong	Sharp	2	Medium Th
5N	445.1 - 445.9	Medium	Narrow	3	Th

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
40N	482 - 484.6	Medium Strong	Narrow	3	Medium Th
39S	554.1 - 554.8	Medium	"	3	Th
39S	570.6 - 572.5	Medium	Broad	4	Medium Th, geological
39S	585.6 - 586.0	Medium Strong	Narrow	3	Th
37S	652.5 - 653.4	Medium	Medium Broad	4	Medium Th
37S	673.1 - 673.6	"	Narrow	3	Th
* 36N ✓	714.0 - 714.4	"	"	2½	Medium Th
36N	718.2 - 718.5	"	"	3	" "
35S	759.0 - 759.3	"	"	3	" "
34N	794.8 - 795.6	"	"	3	Th
• 34N ✓	803.1 - 803.5	"	Narrow	2	Low Th
33S	847.1 - 847.5	Medium Strong	Narrow	3	Medium Th
33S	862.9 - 863.5	Medium	"	3	Th
32N	884.6 - 885.1	"	"	3	Th
32N	886.2 - 888.2	Medium	Broad	4	Th, Geological

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
48N	112.3 - 112.7	Medium	Narrow	2	Medium Th
47S	141.1 - 141.9	Weak	Narrow	3	" "
47S	175.5 - 175.9	Medium Strong	"	2	" "
47S	183.5 - 184.2	Medium	"	3	Th
46N	222.2 - 222.9	Medium Strong	"	3	Th
46N	227.5 - 228.1	" "	"	3	"
43S	361.5 - 362.0	" "	"	3	Medium Th
43S	366.7 - 367.2	" "	"	3	High Th
42N	386.0 - 386.7	Medium	"	3	Medium Th
41S	438.1 - 438.6	Medium Strong	"	2	" "
41S	441.2 - 442.0	" "	Narrow	2	" "
41S	443.8 - 444.5	" "	"	3	Th
40N	463.7 - 464.4	" "	"	3	Medium Th
40N	467.9 - 471.6	" "	Broad	4	High Th

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
52S	754.8 - 755.3	Medium	Narrow	2	Low Th
52S	757.4 - 758.1	Medium Strong	"	2	Th
53N	800.5 - 801.4	" "	Medium Broad	3	Th
53N	814.4 - 814.8	Medium	Narrow	2	Medium Th
51S	855.0 - 855.3	Medium	Narrow	2	Medium Th
50N	913.2 - 913.5	Medium Strong	"	2	" "
50N	914.2 - 914.4	" "	"	2	" "
49S	962.5 - 963.2	Weak	"	2	Low Th
49S	967.3 - 968.0	Medium Strong	"	2	Th
48N	978.9 - 979.4	" "	"	3	High Th
48N	979.6 - 980.0	" "	"	2	Th
48N	980.2 - 980.6	" "	"	2	Medium Th
48N	995.5 - 996.3	" "	"	3	Th
48N	95.4 - 96.3	" "	"	3	High Th

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
61S	393.4-394.5	Weak	Narrow	3	Th
60N	419.0-422.3	Medium	Broad	4	Th, geological
60N	422.6-422.9	Medium	Narrow	3	Th
60N	443.4-444.0	Medium	"	3	Th
60N	453.2-453.6	Medium	"	3	Medium Th
59S	470.7-471.1	"	"	2	Low Th
58N	505.2-506.6	Strong	Medium Broad	3	Th, geological
58N	554.7-555.3	Medium	Narrow	3	Th
57S	575.7-576.1	Medium	Narrow	2	Low Th
57S	605.5-609.8	Medium Strong	Broad	4	Th, geological
56N	617.5-621.0	Medium Strong	Broad	4	Th, geological
55S	685.4-686.3	" "	Narrow	2	Medium Th
55S	697.0-701.0	" "	Broad	4	Th, geological
54N	714.4-715.2	Medium	Narrow	3	Th

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
67N	316.8 - 317.4	Weak	Narrow	3	Low Th
67N	318.5 - 319.1	Weak	Narrow	3	Th
66N	203.8 - 204.1	Medium	Natrow	2½	Medium Th
66N	206.0 - 206.4	Weak	Narrow	3	Low Th
66N	217.6 - 217.9	Weak	"	2½	Medium Th
66N	220.1 - 220.4	Medium	Narrow	3	Th
65S	234.0 - 234.9	Weak	"	3	Medium Th
64N	276.3 - 276.8	Medium	"	2½	Th
63S	297.5 - 298.3	Weak	"	3	Medium Th
63S	313.5 - 313.8	Medium Strong	"	2	Th
63S	317.9 - 318.3	Medium Strong	"	2	Low Th
62N	348.8 - 350.5	Weak	Broad	4	Th
62N	361.8 - 362.3	Medium Strong	Narrow	2	Medium Th
61S	390.2 - 390.9	Medium	Narrow	3	Th

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
76 N	118.3 - 118.9	Weak	Narrow	3	Th contribution
75 S	188.8 - 189.2	"	"	3	" "
75 S	191.0 - 191.5	"	"	"	" "
74 N	209.0 - 209.7	"	"	3	Low Th
74 N	210.6 - 211.0	"	"	3	" "
73 S	230.9 - 231.4	"	"	3	Medium Th
72 N	253.1 - 253.7	"	"	3	Th
72 N	255.7 - 256.1	"	"	3	Th
71 S	280.9 - 281.3	"	"	3	Medium Th
71 S	283.3 - 284.0	"	"	3	Th
71 S	284.5 - 285.0	"	"	3	Medium Th
71 S	300.7 - 302.8	Weak	Broad	4	Th
70 N	75.8 - 76.6	Medium Strong	Narrow	2	Th (too far out of bounds)
68 S	334.9 - 336.2	Strong	Broad	4	Th, Geological

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
95 N	243.3 - 243.8	Weak	Narrow	3	Medium Th
95 N	252.3 - 253.0	Weak	Narrow	3	Medium Th
93 N	291.9 - 292.7	"	"	3	Low Th
92 S	320.5 - 321.1	"	"	3	Medium Th
91 N	339.0 - 339.6	"	"	3	" "
89 N	380.7 - 381.3	"	"	3	Low Th
88 S	393.9 - 394.6	"	"	3	Th
86 S	444.8 - 445.3	"	"	3	"
82 S	533.5 - 533.9	"	"	3	"
82 S	534.2 - 534.8	"	"	3	"
80 S	566.6 - 566.9	"	"	3	Medium Th
80 S	573.4 - 574.0	"	"	3	Th
78 S	612.4 - 612.8	"	"	3	"
76 N	117.7 - 118.1	"	"	3	"

Line #	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
103W	1043.7 - 1044.4	Weak	Narrow	3	Medium Th contribution
101W	997.7 - 998.5	Weak	Narrow	3	Th contribution
101W	1001.7 - 1002.1	"	"	3	Medium Th
100E	981.8 - 982.2	"	"	3	" "
99W	950.2 - 950.8	"	"	3	Th contribution
99W	952.0 - 952.3	"	"	3	" "
99W	952.4 - 952.7	"	"	3	" "
98E	932.3 - 932.5	"	"	3	Medium Th
98E	932.6 - 932.9	"	"	3	" "
98E	938.1 - 938.5	"	"	3	Th
98E	941.7 - 942.9	Weak	Medium broad	4	Th
97N	201.8 - 202.2	Weak	Narrow	3	"
97S	392.8 - 394.1	Weak	Medium broad	4	"
97S	396.5 - 396.8	"	Narrow	3	"

Line Number	Fiducial Bounds	Anomaly Strength	Shape	Grade	Comments
112E	1279.7 - 1280.3	Weak	Narrow	3	Some Th contribution
109W	1200.5 - 1200.9	Weak	Narrow	3	Some Th contribution
109W	1201.2 - 1201.7	"	"	3	" " "
108E	1183.0 - 1183.8	Weak	Narrow	3	Medium Th contribution
107W	1171.6 - 1171.9	Weak	Narrow	3	Medium Th contribution
107W	1174.4 - 1174.9	"	"	3	Th contribution
106E	1150.8 - 1151.2	"	"	3	Medium Th contribution
106E	1154.3 - 1154.7	"	"	3	" " "
106E	1162.2 - 1162.5	"	"	3	Some Th contribution
105W	1131.6 - 1132.0	"	"	3	Th contribution
105W	1132.9 - 1133.2	"	"	2	Low Th
104E	1102.3 - 1102.7	"	"	2	Low Th
104E	1112.9 - 1113.4	"	"	3	Medium Th
103E	241.3 - 241.7	"	"	3	Th

APPENDIX - 3

Analytical Results - Barringer Research

Symbols

EL-4000 - soil sample, Earltown Claim Group

EM-4000 - stream sediment sample, Earltown Claim Group

EW-4000 - stream water sample, Earltown Claim Group

EWL-4000 - well water sample, Earltown Claim Group

ALL samples beginning with EL, and EM - U - p.p.m.

ALL samples beginning with EW, and EWL - U - p.p.b.

Rec'd Sept. 14/78
GWF

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE September 7, 1978

. Seery
Wyoming Mineral Corp.,
900 S. Wadsworth Boulevard,
Lakewood, Colorado,
80235, U.S.A. (P.O. #66-7232-LR)
. Felderhof, C/O Wyoming Mineral Corp.,
P. O. Box 248,
Fatamagouche, Nova Scotia.
B0K 1V0

S.L

REPORT NUMBER 78-576

SAMPLE NUMBER WATER SAMPLES	U ppb		Sample Number	U ppb		Sample Number	U ppb			
EW-3039	<0.2		EW 1029	< .2						
3040	<0.2		1030	< .2						
3041	<0.2		1031	< .2						
3042	<0.2		1032	< .2						
3043	0.2		EW 1033	< .2						
EW-4030	< .2		EW 5100	< .2						
4031	< .2		EWL 1000	< .2						
4032	< .2		EWL 4073	< .2						
4033	< .2		4074	< .2						
4034	< .2		4075	< .2						
4035	< .2		4076	< .2						
4036	< .2		4077	< .2						
4037	< .2		4078	0.2						
4038	< .2		EW 2030	< .2						
4039	< .2		2031	< .2						
4040	0.2		2032	< .2						
4041	< .2		2033	< .2						
EW-4042	< .2		2034	< .2						
4043	< .2		2036	< .2						
4044	< .2									

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
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Geochemical Laboratory Report

DATE August 30, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: W. Felderhof
P.O. Box 248
Tatamagouche, N.S., BOK 1VO

REPORT NUMBER 78-544(b)

S.L.

SAMPLE NUMBER	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
SM-5000	.6		EL-2124	0.4		EL-4144	0.4		EL-4164	1.0
1	.6		25	0.6		45	0.4		EL-4252A	0.6
2	.6		26	0.6		46	0.4		EM-1029	0.8
3	.8		27	0.8		47	0.6		30	0.6
4	.6		28	0.8		48	1.0		31	0.2
5	.6		29	0.8		49	0.4		32	0.4
6	1.4		30	0.6		50	0.4		33	0.2
7	1.0		31	0.4		51	0.4		34	< .2
8	1.2		32	0.4		52	0.4		35	0.2
9	0.8		33	0.6		53	0.4		36	< .2
10	1.2		34	0.6		54	0.4		37	0.2
11	0.6		35	0.4		55	0.6		38	0.2
12	0.2		36	0.6		56	0.6		EM1038/6000	0.4
EL-2117	0.6		37	0.8		57	0.4		EM-1039	0.4
18	0.6		38	1.4		58	0.6		40	.0.4
19	0.4		39	0.4		59	0.4		41	0.6
20	0.6		40	0.6		60	0.6		42	0.8
21	0.6		41	0.4		61	0.6		43	0.6
22	0.6		42	0.4		62	0.6		44	0.4
23	0.6		43	0.4		63	0.4		45	0.4

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EM-4014	0.6		EL-4362	0.2		EL-4389	0.2		EL-4264	0.2
15	0.4		63	0.4		90	< .2		65	< .2
16	0.4		64	0.2		91	0.2		66	0.8
17	1.0		65	0.4		92	0.2		67	0.2
18	0.6		66	0.4		93	0.2		68	< .2
19	0.4		67	0.4		94	0.2		69	0.4
20	1.2		68	0.4		EL-5000	0.2		70	0.2
21	1.0		69	0.4		1	0.2		71	< .2
22	0.4		70	< .2		2	< .2		72	< .2
23	< .2		71	0.2		EL-2111	< .2		73	< .2
24	0.4		72	0.4		12	0.2		74	0.2
EM-2014	0.2		73	0.4		13	0.2		75	0.2
15	0.2		74	0.2		14	0.2		76	0.2
EL-4348	1.4		75	< .2		15	0.2		77	0.4
49	0.2		76	< .2		16	0.2		78	0.2
50	0.2		77	0.4		EL-4252	< .2		79	0.2
51	0.2		78	0.2		53	< .2		80	0.2
52	0.2		79	0.2		54	< .2		81	0.2
53	0.2		80	0.4		55	0.2		82	0.2
54	0.2		81	0.4		56	0.4		83	0.4
55	0.2		82	< .2		57	< .2		84	0.2
56	0.2		83	0.2		58	< .2		85	0.2
57	0.2		84	0.2		59	< .2		86	0.2
58	0.2		85	0.2		60	0.2		87	0.2
59	< .2		86	< .2		61	0.2		88	0.2
60	< .2		87	0.2		62	0.2		89	0.2
61	< .2		88	< .2		63	0.4		90	0.2

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm			
EL-4291	0.2		EL-4318	0.2		EL-4345	< .2			
92	0.2		19	0.2		46	< .2			
93	0.2		20	1.6		47	< .2			
94	0.2		21	1.6						
95	0.2		22	0.4						
96	0.2		23	0.4						
97	0.2		24	0.4						
98	0.2		25	0.2						
99	0.2		26	0.2						
4300	0.2		27	0.2						
1	0.2		28	0.2						
2	0.2		29	< .2						
3	0.4		30	< .2						
4	0.4		31	< .2						
5	0.4		32	0.2						
6	0.4		33	0.8						
7	0.4		34	0.2						
8	0.2		35	< .2						
9	0.2		36	0.2						
10	0.2		37	< .2						
11	0.2		38	< .2						
12	0.2		39	< .2						
13	0.2		40	< .2						
14	0.2		41	< .2						
15	0.4		42	< .2						
16	0.2		43	< .2						
17	1.4		44	0.4						

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE September 6, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: W. Felderhof
same, P.O. Box 248
Tatamagouche, Nova Scotia

REPORT NUMBER 78-585

SOIL SAMPLES

SAMPLE NUMBER	U ppm		Sample Number	U ppm		Sample Number	U ppm
EM-3026	1.6		2021	0.6		EM 5100	0.8
3027	1.0		2022	0.4		5101	0.8
3028	0.8		2023	0.2		5102	0.8
3029	0.8		2024	0.6		5103	0.6
3030	0.4		2025	0.4		5104	0.4
3031	1.4		2026	1.6		5105	0.4
3032	0.4		2027	0.8		5106	0.2
3033	0.4		2028	0.4		5107	0.6
3034	0.4		2029	0.2		5108	0.4
3035	0.6		2030	0.2		5109	0.2
3036	0.8		2031	0.2		5110	0.4
3037	0.4		2032	0.4		5111	0.4
3038	0.4		2033	0.4		5112	1.2
3039	0.4		2034	0.2		5113	0.4
3040	0.6		2035	0.2		5114	0.2
3041	0.4		2036	0.2		5116	0.4
3042	0.6		2037	0.4			
3043	0.4		2038	0.4			
3044	0.4		2039	0.4			
3045	0.4		2040	0.4			

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Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE August 17, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: same, P.C. Box 248
Tatamagouche, N.S., BOK 1VO
W. Felderhof

REPORT NUMBER 78-523 (P.O. 66-7232-LR)

SL.

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample NO.	U ppm
EL-1027	0.2		EL-1047	0.6		EL-1067	0.6		EL-1087	0.8
1028	0.4		1048	0.4		1068	0.4		1088	0.4
1029	0.4		1049	0.2		1069	0.8		1089	0.2
1030	0.4		1051	0.2		1070	<		1090	0.4
1031	1.4		1051	0.4		1071	0.2		1091	0.4
1032	0.4		1052	0.4		1072	0.6		1092	0.2
1033	0.4		1053	0.6		1073	0.4		1093	0.4
1034	0.4		1054	0.8		1074	0.6		1094	0.4
1035	0.4		1055	1.0		1075	0.6		1095	0.4
1046	0.4		1056	1.0		1076	0.4		1096	0.4
1037	0.4		1057	0.6		1077	0.6		1097	0.6
1038	0.4		1058	1.2		1078	0.4		1098	0.8
1039	4.8		1059	0.4		1079	0.2		1099	0.4
1040	0.6		1060	1.2		1080	0.2		1100	0.2
1041	0.4		1061	1.0		1081	0.4		1101	0.2
1042	0.4		1062	0.2		1082	0.2		1102	0.2
1043	0.4		1063	0.4		1083	0.4		1103	0.4
1044	0.4		1064	0.4		1084	0.4		1104	0.2
1045	8.2		1065	0.4		1085	0.6		2035	0.4
1046	0.6		1066	1.0		1086	0.4		2036	0.4

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-2037	0.4		EL-2064	0.2		EL-2096	0.2		EL-3030	0.4
2038	0.4		2065	0.2		2097	0.2		3031	0.4
2039	1.2		2066	0.6		2098	0.4		3032	<.2
2040	0.4		2067	1.0		2099	0.2		3033	0.2
2041	0.4		2068	0.2		2100	0.4		3034	0.2
2042	0.4		2069	0.2		2101	0.4		3035	0.2
2043	0.4		2070	0.2		2102	0.4		3036	<.2
2044	0.4		2071	0.2		2103	0.2		3037	<.2
2045	0.2		2072	0.2		2104	0.4		3038	<.2
2046	0.2		2073	0.2		2105	0.4		3039	0.2
2047	0.2		2074	0.4		2106	0.4		3040	<.2
2048	0.2		2075	0.6		2107	0.4		3041	<.2
2049	0.2		2076	0.4		2108	0.4		3042	0.2
2050	0.2		2077	0.4		2109	0.4		3043	<.2
2051	<.2		2078	0.4		2110	0.2		3044	0.4
2052	<.2		2079	0.4		3018	1.0		3045	0.2
2053	0.2		2080	0.6		3019	0.4		3046	0.2
2054	0.2		2081	0.4		3020	0.4		3047	0.2
2055	0.2		2082	0.2		3021	0.4		3048	<.2
2056	0.2		2083	0.4		3022	0.2		3049	<.2
2057	0.2		2084	0.2		3023	0.4		3050	0.2
2058	0.2		2085	0.2		3024	0.4		3217	<.2
2059	0.2		2086	0.2		3025	0.4		3218	<.2
2060	0.4		2092	0.2		3026	0.8		3219	0.2
2061	0.2		2093	0.2		3027	0.2		3220	0.4
2062	0.2		2094	0.2		3028	0.4		3221	0.2
2063	0.2		2095	0.2		3029	1.2		3222	0.2

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-3223	0.2		EL-3250	0.2		EL-4072	0.2		EL-4098	0.2
3224	0.8		3251	<.2		4073	0.2		4099	0.2
3225	0.2		3252	<.2		4074	0.6		4100	0.8
3226	0.2		3253	<.2		4075	0.4		4101	0.4
3227	<.2		3254	<.2		4076	0.4		4102	0.4
3228	0.6		3255	<.2		4077	0.4		4103	0.4
3229	0.2		3256	0.2		4078	0.4		4104	0.4
3230	0.8		3257	0.2		4079	0.4		4105	0.2
3231	0.2		3258	0.4		4080	0.4		4106	0.2
3232	<.2		3259	0.4		4081	0.2		4107	0.4
3233	<.2		3260	<.2		4082	0.4		4108	0.4
3234	<.2		3261	0.8		4083	0.4		4109	0.2
3235	<.2		3262	3.0		4084	0.4		4110	0.2
3236	<.2		3263	<.2		4085	0.6		4111	0.4
3237	<.2		3264	<.2		4086	0.4		4112	0.2
3238	0.2		3265	<.2		4087	0.4		4113	0.4
3239	0.4		3266	<.2		4088	0.4		4114	0.2
3240	0.4		3267	<.2		4089	0.6		4115	0.2
3241	0.4		3268	<.2		4090	0.4		4116	0.4
3242	0.2		3269	0.4		4091	0.2		4117	0.2
3243	0.2		4065	0.4		4092	<.2		4118	0.8
3244	<.2		4066	0.4		4093	0.2		4119	0.2
3245	0.2		4067	0.4		4094	0.2		4120	0.2
3246	0.2		4068	0.4		4095	0.4		4121	0.2
3247	<.2		4069	0.4		4096	0.4		4122	<.2
3248	0.2		4070	0.4		4097	0.4		4123	0.8
3249	0.8		4071	0.2						

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-4124	0.2		EL-4151	0.2		EL-4192	<.2		EL-4219	0.4
4125	0.2		4152	0.2		4193	0.4		4220	0.2
4126	0.4		4153	0.2		4194	0.2		4221	0.2
4127	0.6		4154	0.2		4195	0.2		4222	0.2
4128	0.2		4155	0.2		4196	0.2		4223	0.2
4129	<.2		4156	0.4		4197	0.2		4224	<.2
4130	0.8		4157	0.4		4198	0.2		4225	0.2
4131	0.2		4172	0.4		4199	0.2		EM-1017	0.4
4132	<.2		4173	0.2		4200	0.2		1018	0.4
4133	0.2		4174	<.2		4201	0.2		1019	0.4
4134	<.2		4175	<.2		4202	<.2		1020	1.0
4135	<.2		4176	0.2		4203	0.2		1021	2.0
4136	0.2		4177	0.2		4204	0.2		1022	1.8
4137	1.0		4178	<.2		4205	<.2		1023	1.6
4138	0.2		4179	<.2		4206	<.2		1024	0.4
4139	0.2		4180	0.2		4207	0.8		1025	0.6
4140	0.2		4181	0.2		4208	0.2		1026	0.4
4141	0.4		4182	0.4		4209	0.2		1027	0.2
4142	0.2		4183	<.2		4210	0.6		1028	1.2
4143	0.4		4184	<.2		4211	0.2		2002	0.6
4144	1.2		4185	0.2		4212	0.4		2003	1.0
4145	0.2		4186	0.2		4213	<.2		2004	1.0
4146	0.2		4187	0.4		4214	0.2		2005	1.2
4147	0.2		4188	0.2		4215	0.4		2006	0.8
4148	<.2		4189	0.2		4216	0.6		2007	0.8
4149	<.2		4190	0.4		4217	1.8		2008	3.2
4150	<.2		4191	0.4		4218	0.8		2009	1.4

Sample Number	U ppm
EM-2010	0.8
2011	1.0
2012	0.6
2013	1.2
3011	0.6
3012	3.8
3013	1.0
3014	1.6
3015	1.6
3016	2.6
3017	0.2
3018	1.0
3019	0.4
4007	1.4
4008	0.4
4009	0.2
4010	0.6
4011	0.8
4012	0.2
4013	0.6
EL-1043 (b)	0.6

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BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE September 7, 1978

. S[illegible]y,
yoming Mineral Corp.,
900 S. Wadsworth Boulevard,
akewood, Colorado,
0235, U.S.A. (P.O. #66-7232-LR)
. Felderhof, c/o Wyoming Mineral Corp.,
. O. Box 248,
atamagouche, Nova Scotia.
0K 1V0

SL

REPORT NUMBER 78-575

SAMPLE NUMBER SOILS	U ppm		Sample Number	U ppm		Sample Number	U ppm		Sample Number	U ppm
EL-4395	0.2		EL 4415	0.2		EL 4435	0.6		EL 4455	0.6
4396	< .2		4416	0.2		4436	0.2		4456	0.4
4397	0.2		4417	0.2		4437	0.2		4457	0.6
4398	0.2		4418	0.2		4438	0.2		4458	0.2
4399	3.2		4419	0.2		4439	3.0		4459	0.4
4400	1.0		4420	0.2		4440	0.6		4460	0.2
4401	0.2		4421	0.2		4441	0.4		4461	0.6
4402	0.2		4422	0.2		4442	0.4		4462	0.6
4403	0.2		4423	0.2		4443	0.6		4463	0.6
4404	0.2		4424	0.2		4444	0.6		4464	0.4
4405	0.2		4425	0.2		4445	0.6		4465	1.0
4406	0.2		4426	0.2		4446	0.6		4466	0.2
4407	0.2		4427	0.2		4447	0.6		4467	0.2
4408	< .2		4428	0.4		4448	0.6		4468	0.2
4409	< .2		4429	0.2		4449	0.6		4469	0.6
4410	0.4		4430	0.2		4450	0.4		4470	1.2
4411	0.4		4431	0.4		4451	0.4		4471	0.6
4412	0.8		4432	0.4		4452	0.4		4472	1.0
4413	0.4		4433	0.4		4453	0.6		4473	0.8
4414	< .2		4434	1.2		4454	0.8		4474	0.4

SAMPLE NUMBER SOILS	U ppm		Sample Number	U ppm		Sample Number	U ppm		Sample Number	U ppm
EL-4475	0.6		EL 4504	0.4		EL 4531	0.4		EM 2020	0.4
4476	< .2		4505	1.8		4532	0.2		EL 2165	0.2
4477	0.2		4506	0.4		4583	0.4		2166	0.2
4478	< .2		4507	0.4		4584	0.4		2167	0.4
4479	0.4		4508	0.4		4585	1.4		2168	0.2
4480	0.8		4509	0.4		4586	0.2		2169	0.2
4481	0.2		4510	1.4		4587	0.8		2170	0.2
4482	< .2		4511	1.4		4588	0.6		2171	0.4
4483	0.4		4512	1.4		4589	0.2		2172	0.2
4484	0.2		4513	0.6		4590	0.8		2173	0.4
4485	2.0		4514	1.2		4591	0.2		2174	0.2
4486	0.2		4515	0.2		4592	1.0		2175	0.2
4487	0.6		4516	0.4		EL 4593	1.4		2176	0.4
4488	0.4		4517	0.2		EM 3023	0.2		2177	0.4
4489	< .2		4518	0.2		3024	0.4		2178	0.6
4490	0.6		4519	0.2		3025	0.4		2179	0.8
4491	0.4		4520	0.2		1047	0.6		2180	0.4
4492	0.6		4521	0.2		1048	0.6		2181	0.2
4494	0.6		4522	0.2		1049	0.4		2182	0.2
4495	0.6		4523	1.0		1050	0.6		2183	0.4
4496	0.6		4524	1.0		1051	1.8		2184	0.4
4497	0.4		4525	0.4		1052	0.4		2185	0.4
4498	2.4									
4499	1.0		4526	1.0		1053	0.2		2186	0.6
4500	1.6		4527	0.4		2016	0.2		2187	0.4
4501	1.0		4528	0.2		2017	0.2		2188	0.6
4502	0.6		4529	0.8		2018	0.4		2189	0.2
4503	0.4		4530	0.2		2019	0.4		2190	0.2

SAMPLE NUMBER SOILS	U ppm		Sample Number	U ppm		Sample Number	U ppm		Sample Number	U ppm
EL-2191	0.6		EL 2218	0.2		EL 2245	0.2		EL 2272	1.4
2192	0.2		2219	0.2		2246	0.4		2273	0.4
2193	0.4		2220	0.2		2247	0.4		2274	0.4
2194	0.2		2221	0.4		2248	0.6		2275	0.2
2195	0.4		2222	0.4		2249	0.4		2276	1.6
2196	0.2		2223	0.2		2250	0.2		2277	0.2
2197	0.2		2224	0.2		2251	0.4		2278	1.2
2198	0.4		2225	0.2		2252	0.2		2279	0.8
2199	0.4		2226	0.2		2253	1.0		2280	2.0
2200	0.2		2227	0.2		2254	1.8		2281	1.6
2201	0.2		2228	0.2		2255	1.0		2282	0.4
2202	0.2		2229	1.0		2256	0.4		2283	0.4
2203	0.4		2230	0.4		2257	0.4		2284	0.4
2204	0.4		2231	1.0		2258	1.0		2285	0.4
2205	0.4		2232	6.0		2259	0.4		2286	0.4
2206	0.4		2233	1.4		2260	0.6		2287	0.6
2207	0.4		2234	0.4		2261	0.4		2288	0.2
2208	0.6		2235	0.2		2262	1.2		2289	0.6
2209	0.2		2236	<.2		2263	0.2		2290	0.6
2210	0.6		2237	0.4		2264	0.2		2291	0.6
2211	0.2		2238	0.2		2265	0.6		2292	1.0
2212	1.4		2239	0.2		2266	0.4		2293	1.0
2213	0.2		2240	0.4		2267	1.4		2294	1.0
2214	0.2		2241	0.4		2268	0.4		EL 2295	1.0
2215	0.4		2242	0.2		2269	0.4			
2216	0.8		2243	1.2		2270	0.4			
2217	0.2		2244	0.2		2271	0.4			

Rec'd Aug 21/78
GWF

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE August 15, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: same, P.O. Box 248
Tatamagouche, N.S., BOK 1VO
W. Felderhof

REPORT NUMBER 78-488 (P.O. #66-7232 LR)

S1.

SAMPLE NUMBER Soils	$4NHNO_3$ U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-1105	0.2		EL-1125	0.2		EL-1145	0.4		EL-1165	0.4
1106	0.6		1126	0.2		1146	0.4		1166	0.2
1107	0.4		1127	0.2		1147	0.2		2008	0.2
1108	0.2		1128	0.4		1148	0.4		2009	0.4
1109	0.2		1129	<.2		1149	0.2		2010	0.4
1110	0.4		1130	0.4		1150	0.2		2011	3.0
1111	0.4		1131	0.4		1151	0.4		2012	0.2
1112	0.2		1132	0.2		1152	0.2		2013	2.8
1113	0.2		1133	0.4		1153	0.6		2014	0.4
1114	0.2		1134	0.4		1154	0.4		2015	0.2
1115	0.4		1135	<.2		1155	0.2		2016	0.4
1116	0.2		1136	0.4		1156	0.2		2017	0.2
1117	0.4		1137	0.4		1157	0.2		2018	0.4
1118	0.4		1138	0.4		1158	0.4		2019	0.2
1119	0.6		1139	0.2		1159	0.2		2020	0.4
1120	0.4		1140	0.2		1160	0.2		2021	0.8
1121	0.4		1141	2.4		1161	0.2		2022	0.6
1122	0.6		1142	0.4		1162	0.2		2023	0.2
1123	0.2		1143	0.8		1163	0.4		2024	0.6
1124	0.2		1144	0.4		1164	0.2		2025	0.4

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-2026	0.4	✓	EL-3064	0.2		EL-3091	0.2		EL-3118	0.4
2027	0.2	✓	3065	2.0		3092	0.2		3119	1.6
2028	0.2	✓	3066	0.2		3093	0.2		3120	0.4
2029	0.4	✓	3067	0.2		3094	<.2		3121	0.2
2030	<.2	✓	3068	0.2		3095	0.2		3122	0.2
2031	0.2	✓	3069	0.2		3096	0.2		3123	0.2
2032	0.4	✓	3070	0.2		3097	<.2		3124	<.2
2033	0.2	✓	3071	0.2		3098	<.2		3125	0.4
2034	0.4		3072	0.2		3099	<.2		3126	0.2
2037	0.2		3073	0.2		3100	<.2		3127	<.2
2088	0.2		3074	0.2		3101	0.2		3128	0.2
2089	0.8		3075	<.2		3102	0.4		3129	0.2
2090	<.2		3076	<.2		3103	0.4		3130	0.2
2091	0.2		3077	<.2		3104	0.2		3131	0.2
3051	0.2		3078	0.2		3105	0.4		3132	0.2
3052	0.2		3079	0.2		3106	0.8		3133	0.4
3053	0.2		3080	0.2		3107	0.4		3134	1.6
3054	0.2		3081	<.2		3108	0.4		3135	0.4
3055	0.2		3082	<.2		3109	0.4		3136	0.4
3056	0.2		3083	0.2		3110	0.6		3137	0.4
3057	0.2		3084	0.6		3111	0.6		3138	0.2
3058	0.2		3085	<.2		3112	0.6		3139	0.2
3059	0.2		3086	0.2		3113	0.6		3140	0.2
3060	<.2		3087	0.2		3114	0.6		3141	0.4
3061	0.8		3088	0.2		3115	0.6		3142	0.4
3062	0.4		3089	<.2		3116	0.4		3143	0.2
3063	0.2		3090	0.6		3117	0.4		3144	0.2

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-3145	0.2		EL-3172	0.6		EL-3199	0.4		EL-4024	0.6
3146	0.2		3173	0.2		3200	0.4		4025	0.6
3147	0.8		3174	0.4		3201	0.6		4026	0.4
3148	0.4		3175	0.6		3202	0.6		4027	0.6
3149	0.4		3176	0.2		3203	0.6		4028	0.4
3150	0.8		3177	0.4		3204	0.4		4029	0.4
3151	0.4		3178	0.6		3205	0.4		4030	0.6
3152	0.2		3179	0.6		3206	1.8		4031	0.6
3153	0.2		3180	0.8		3207	0.6		4032	0.2
3154	0.2		3181	0.2		3208	0.4		4033	0.6
3155	0.4		3182	0.6		3209	0.6		4034	0.2
3156	0.4		3183	0.8		3210	0.4		4035	0.4
3157	0.6		3184	0.6		3211	0.4		4036	0.4
3158	0.2		3185	0.6		3212	0.4		4037	0.2
3159	0.2		3186	0.4		3213	0.4		4038	0.4
3160	0.4		3187	0.4		3214	0.4		4039	0.4
3161	0.2		3188	0.6		3215	0.6		4040	0.4
3162	0.2		3189	0.8		3216	0.6		4041	0.2
3163	0.4		3190	0.6		4015	0.6		4042	0.2
3164	0.2		3191	0.8		4016	0.6		4043	0.4
3165	0.2		3192	0.6		4017	0.6		4044	0.4
3166	0.2		3193	0.4		4018	0.6		4045	0.4
3167	0.2		3194	0.4		4019	0.6		4046	0.2
3168	0.6		3195	0.4		4020	0.6		4047	0.4
3169	0.4		3196	0.4		4021	0.2		4048	0.2
3170	0.2		3197	0.6		4022	0.6		4049	0.2
3171	0.4		3198	0.6		4023	0.4		4050	0.2

Sample Number	U Ppm		Sample No.	U ppm						
EL-4051	0.4		EL-4171	<.2						
4052	0.6		EM-1009	0.2						
4053	0.4		1010	1.0						
4054	0.4		1011	0.4						
4055	0.4		1012	0.2						
4056	0.4		1013	I.S.						
4057	0.4		1014	<.2						
4058	0.4		1015	<.2						
4059	0.4		1016	0.4						
4060	0.6		2000	0.4						
4061	<.2		2001	4.2						
4062	<.2		3008	0.4						
4063	<.2		3009	0.4						
4064	<.2		3010	0.4						
4158	0.4									
4159	0.4									
4160	0.4									
4161	0.4									
4162	<.2									
4163	0.2									
4164	0.2									
4165	0.2									
4166	0.2									
4167	<.2									
4168	<.2									
4169	<.2									
4170	<.2									

Rec'd. Aug. 21/78
C.S.F.

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE August 15, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: same, P.O. Box 248
Tatamagouche, N.S., BOK 1VO
W. Felderhof

REPORT NUMBER 78-544

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-2296	0.4		EL-2316	0.2		EL-3379	0.2		EM-3049	0.2
2297	0.4		2317	0.2		3380	0.2		3050	0.4
2298	0.4		2318	0.2		3381	0.2		EL-4226	0.2
2299	0.2		2319	0.2		3382	0.4		4227	0.2
2300	0.2		2320	0.2		3383	0.6		4228	0.4
2301	0.2		2321	0.2		3384	0.2		4229	2.0
2302	0.2		2322	0.4		3385	0.2		4230	0.2
2303	0.2		2323	0.2		3386	0.4		4231	< .2
2304	0.4		2324	0.2		3387	0.4		4232	0.2
2305	0.2		2325	0.2		3388	0.2		4233	0.2
2306	0.4		2326	0.2		3389	0.2		4234	0.4
2307	0.6		2327	0.4		3390	0.2		4235	0.4
2308	0.4		3371	0.2		3391	0.4		4236	0.6
2309	0.2		3372	0.2		3392	0.4		4237	0.2
2310	0.2		3373	0.2		3393	0.2		4238	0.4
2311	0.2		3374	0.2		3394	< .2		4239	0.2
2312	0.2		3375	0.2		3395	< .2		4240	0.4
2313	0.2		3376	0.4		EM-3020	0.4		4241	0.6
2314	< .2		3377	0.2		3021	0.4		4242	0.4
2315	0.2		3378	0.4		3022	0.4			

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-4243	0.4		EL-3288	0.4		EL-1167	0.6		EL-3321	0.4
4244	0.4		3289	0.4		1168	0.2		3322	0.2
4245	0.4		3290	0.4		1169	0.2		3323	0.2
4246	0.4		3291	0.4		1170	0.4		3324	0.2
4247	0.2		3292	0.2		1171	0.4		3325	< .2
4248	0.4		3293	0.2		1172	0.4		3326	0.2
4249	0.6		3294	0.4		1173	0.6		3327	0.6
4250	0.4		3295	0.4		1174	0.2		3328	0.2
4251	0.8		3296	0.4		1175	0.4		3329	0.4
3270	0.2		3297	0.4		1176	0.4		3330	0.2
3271	0.6		3298	0.4		4577	0.2		3331	0.4
3272	0.6		3299	0.4		4578	0.4		3332	0.2
3273	0.4		3300	0.4		4579	0.4		3333	0.4
3274	0.2		3301	0.2		4580	0.4		3334	0.4
3275	0.2		3302	0.4		4581	0.2		3335	0.2
3276	0.4		3303	0.4		4582	0.4		3336	0.2
3277	0.6		3304	0.4		EM-1046	3.8		3337	0.4
3278	0.4		3305	0.6		3046	0.6		3338	0.2
3279	0.4		3306	0.6		3047	<.2		3339	0.2
3280	0.4		3307	0.4		3048	0.2		3340	0.2
3281	1.2		3308	1.2		4025	0.2		3341	0.4
3282	0.4		3309	0.8		EL-3315	0.4		3342	0.2
3283	0.6		3310	0.6		3316	0.2		3343	0.2
3284	0.2		3311	0.4		3317	0.2		3344	<.2
3285	0.4		3312	4.0		3318	0.4		3345	0.4
3286	0.4		3313	0.8		3319	0.6		3346	0.4
3287	0.4		3314	0.6		3320	0.2		3347	0.6

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm				
EL-3348	0.2		EL-4537	0.2		EL-4564	0.6				
3349	0.4		4538	<.2		4565	<.2				
3350	0.4		4539	0.2		4566	0.4				
3351	0.4		4540	0.2		4567	0.4				
3352	0.4		4541	0.2		4568	0.2				
3353	0.2		4542	0.2		4569	0.2				
3354	0.4		4543	0.4		4570	0.4				
3355	0.2		4544	0.4		4571	0.4				
3356	0.2		4545	0.4		4572	0.4				
3357	0.2		4546	0.4		4573	<.2				
3358	0.2		4547	0.2		4574	0.2				
3359	0.2		4548	0.4		4574	0.2				
3360	0.2		4549	0.2		4576	0.2				
3361	0.4		4550	0.2							
3362	0.2		4551	0.2							
3363	<.2		4552	0.4							
3364	0.2		4553	0.4							
3365	0.4		4554	0.6							
3366	0.2		4555	0.4							
3367	0.2		4556	0.4							
3368	0.4		4557	0.4							
3369	0.2		4558	0.6							
3370	0.4		4559	0.2							
4533	0.4		4560	0.8							
4534	0.4		4561	0.6							
4535	0.2		4562	0.6							
4536	0.2		4563	0.6							

Sept 5/78

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

Geochemical Laboratory Report

DATE August 28, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Col., 80235
cc: W. Felderhof
same, P.O. Box 248
Tatamagouche, N.S.,BOK 1VO

S1.

REPORT NUMBER 78-569 (66-7232-LR)

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-3475	0.2		EL-3495	0.2		EL-3515	0.2		EL-3535	0.2
3476	0.2		3496	0.2		3516	0.2		3536	0.2
3477	0.2		3497	0.2		3517	0.2		4715	0.2
3478	0.2		3498	0.2		3518	0.2		4716	0.2
3479	< .2		3499	0.2		3519	0.4		4717	0.2
3480	0.2		3500	0.2		3520	0.2		4718	0.6
3481	0.4		3501	0.2		3521	0.2		4719	0.4
3482	0.4		3502	0.2		3522	0.2		4720	0.6
3483	0.2		3503	< .2		3523	0.2		4721	0.4
3484	0.4		3504	0.2		3524	0.2		4722	0.4
3485	0.4		3505	0.2		3525	0.2		4723	0.6
3486	0.2		3506	0.2		3526	0.4		4724	0.4
3487	0.2		3507	< .2		3527	0.2		4725	0.2
3488	0.2		3508	0.2		3528	0.2		4726	0.4
3489	0.2		3509	0.2		3529	0.2		4727	0.2
3490	0.2		3510	0.2		3530	0.2		4728	0.4
3491	0.2		3511	0.2		3531	0.2		4729	0.4
3492	0.4		3512	0.4		3532	0.2		4730	0.4
3493	0.2		3513	0.4		3533	0.2		4731	0.2
3494	0.4		3514	0.2		3534	0.2		4732	0.4

Sample Number	U ppm		Sample No.	U ppm
EL-4733	0.4		EM-4026	< .2
4734	1.2		2041	0.4
4735	0.6		2042	0.4
4736	0.6		2043	0.4
4737	0.2			
4738	0.4			
4739	0.4			
4740	0.4			
4741	0.4			
4742	0.4			
4743	0.4			
4744	0.2			
4745	0.4			
4746	0.2			
4747	0.2			
4748	< .2			
4749	0.2			
4750	0.2			
4751	< .2			
4752	0.4			
4753	0.2			
4754	0.2			
4755	5.6			
4756	0.4			
4757	0.2			
4758	0.2			
4759	0.2			

Rec'd Oct. 2/78
OWS.

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE September 18, 1978

M. Seery
Wyoming Mineral Corp.
3900 S. Wadsworth Blvd.
Lakewood, Col., 80235
cc: same, W. Felderhof
P.O. Box 248
Tatamagouche, Nova Scotia, BOK 1VO

REPORT NUMBER 78-600 (66-7232-LR)

SAMPLE NUMBER SOILS	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-4594	0.2		EL 4614	0.2		EL 4634	0.4		EL 4654	0.6
4595	0.4		4615	0.4		4635	0.4		4655	0.2
4596	4.0		4616	< .2		4636	< .2		4656	0.2
4597	0.8		4617	0.2		4637	0.2		4657	0.6
4598	0.4		4618	0.4		4638	0.4		4658	1.6
4599	0.8		4619	0.2		4639	0.2		4659	3.6
4600	0.6		4620	0.4		4640	0.6		4660	0.2
4601	0.4		4621	0.2		4641	0.4		4661	0.4
4602	0.6		4622	< .2		4642	0.6		4662	3.2
4603	0.2		4623	0.2		4643	0.2		4663	0.2
4604	4.4		4624	0.4		4644	0.8		4664	0.8
4605	3.4		4625	0.2		4645	0.2		4665	0.6
4606	0.4		4626	0.4		4646	0.2		4666	<.2
4607	0.4		4627	0.2		4647	0.2		4667	0.2
4608	8.2		4628	0.2		4648	0.4		4668	0.2
4609	0.4		4629	0.8		4649	0.2		4669	0.2
4610	0.2		4630	0.2		4650	1.6		4670	0.4
4611	0.2		4631	0.2		4651	0.4		4671	0.2
4612	0.6		4632	0.6		4652	0.4		4672	0.4
4613	0.4		4633	0.2		4653	0.4		4673	0.4

Sample Number	U ppm		Sample No.	U ppm		Sample NO.	U ppm		Sample No.	U ppm
EL-4674	0.2		EL 4701	0.4		EL 2342	0.6		EL 3400	2.6
4675	0.8		4702	0.4		2343	0.4		3401	0.2
4676	0.6		4704	0.2		2344	0.6		3402	0.2
4677	0.4		4705	<.2		2345	0.6		3403	0.4
4678	0.8		4706	0.2		2346	0.8		3404	0.2
4679	0.2		4707	0.6		2347	0.4		3405	0.4
4680	0.4		4708	0.2		2348	0.4		3406	0.8
4681	0.2		4709	0.8		2349	0.6		3407	0.4
4682	0.2		4710	<.2		2350	0.2		3408	0.6
4683	0.2		4711	0.6		2351	2.8		3409	1.4
4684	0.4		4712	0.2		2352	0.2		3410	0.4
4685	0.4		4713	0.2		2353	0.4		3411	0.4
4686	0.4		4714	0.2		2354	0.4		3412	0.2
4687	0.4		2328	0.2		2355	0.6		3413	0.6
4688	0.4		2329	0.2		2356	0.2		3414	0.6
4689	0.2		2330	0.4		2357	0.2		3415	0.4
4690	0.4		2331	0.4		2358	0.2		3416	0.4
4691	0.2		2332	0.4		2359	0.2		3417	0.6
4692	0.4		2333	0.2		2360	0.4		3418	0.4
4693	<.2		2334	0.4		2361	0.2		3419	0.6
4694	2.0		2335	1.2		2362	0.4		3420	1.0
4695	0.4		2336	0.2		2363	0.4		3421	0.2
4696	0.2		2337	0.4		2364	0.4		3422	1.2
4797	1.6		2338	0.4		3396	0.6		3423	0.4
4698	0.4		2339	0.4		3397	0.4		3424	0.2
4699	0.4		2340	0.4		3398	0.4		3425	0.4
4700	<.2		2341	0.6		3399	0.4		3426	0.4

Sample Number	U ppm		Sample No.	U ppm
EL-3427	0.2		EL 3454	0.4
3428	0.4		3455	0.2
3429	0.2		3456	1.0
3430	0.4			
3431	0.2			
3432	0.6			
3433	0.2			
3434	0.8			
3435	0.2			
3436	0.2			
3437	0.2			
3438	0.2			
3439	1.0			
3440	0.2			
3441	0.4			
3442	0.4			
3443	0.4			
3444	2.0			
3445	0.4			
3446	0.8			
3447	0.6			
3448	0.8			
3449	0.6			
3450	0.4			
3451	0.6			
3452	0.4			
3453	0.4			

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

Geochemical Laboratory Report

DATE August 16, 1978

M. Seery
Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: same, P.O. Box 248
Tatamagouche, N.S., B0K 1V0
M. Felderhof

REPORT NUMBER 78-522 (P.O. #66-7232 LR)

SAMPLE NUMBER Waters	U ppb		Sample No.	U ppb		Sample No.	U ppb		Sample No.	U ppb
EW-1017	<.2		EW-2020	< .2		EW-3025	0.2		EW-4018	< .2
1018	<.2		2021	0.2		3026	<.2		4019	< .2
1019	<.2		2022	< .2		3027	<.2		4020	0.2
1020	<.2		2023	0.2		3028	<.2		4021	<.2
1021	<.2		2024	< .2		3029	<.2		4022	<.2
1022	<.2		2025	< .2		3030	0.2		4023	<.2
1023	<.2		2026	0.2		3031	<.2		4024	<.2
1024	<.2		2027	< .2		3032	<.2		4025	<.2
1025	<.2		2028	< .2		3033	<.2		4026	<.2
1026	<.2		2029	< .2		3034	<.2		4027	0.2
1027	<.2		3015	< .2		3035	1.0		4028	1.0
1028	<.2		3016	< .2		3036	<.2		4029	<.2
2012	<.2		3017	< .2		3037	<.2			
2013	<.2		3018	0.2		3038	<.2			
2014	<.2		3019	< .2		4012	<.2			
2015	<.2		3020	< .2		4013	<.2			
2016	<.2		3021	< .2		4014	<.2			
2017	<.2		3022	< .2		4015	0.2			
2018	0.2		3023	< .2		4016	<.2			
2019	0.2		3024	0.2		4017	<.2			

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

Geochemical Laboratory Report

DATE December 6, 1978

Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
M.W. Seery
cc: W. Felderhof, same
P.O. Box 248
Tatamagouche, N.S., B0K 1V0

Soils (ppm).

REPORT NUMBER 78-908 (7232-LR)

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-6000	0.4		EL-6020	2.0		EL-6040	0.6		EL-6060	0.8
6001	0.6		6021	0.8		6041	0.4		6061	1.0
6002	0.4		6022	0.4		6042	1.2		6062	0.4
6003	0.4		6023	0.6		6043	0.6		6063	0.6
6004	0.4		6024	0.6		6044	0.8		6064	0.6
6005	0.4		6025	0.6		6045	0.6		6065	0.6
6006	1.0		6026	1.4		6046	0.4		6066	0.6
6007	1.0		6027	0.6		6047	1.2		6067	0.4
6008	0.4		6028	0.6		6048	0.4		6068	0.4
6009	0.4		6029	0.6		6049	0.6		6069	0.8
6010	0.4		6030	0.4		6050	0.6		6070	0.8
6011	0.6		6031	0.6		6051	0.2		6071	0.6
6012	0.4		6032	0.6		6052	0.2		6072	0.6
6013	0.6		6033	0.8		6053	0.6		6073	0.4
6014	0.6		6034	0.6		6054	0.4		6074	0.4
6015	0.6		6035	1.0		6055	0.6		6075	0.4
6016	0.8		6036	0.4		6056	0.6		6076	0.4
6017	0.8		6037	1.4		6057	0.4		6077	0.4
6018	1.0		6038	0.6		6058	0.6		6078	0.6
6019	0.2		6039	0.6		6059	1.0		6079	0.6

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Geochemical Laboratory Report

DATE December 6, 1978

Wyoming Minerals Corp.
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Lakewood, Colorado, 80235
M.W. Seery
cc: W. Felderhof, same
P.O. Box 248
Tatamagouche, N.S., BOK 1VO

Soils (ppm).

REPORT NUMBER 78-937

SAMPLE NUMBER Soils	U ppm									
EL-6315	0.4									
6316	0.4									
6317	0.4									
6318	1.2									
6319	0.4									
6320	0.4									
6321	0.6									
6322	0.4									
6323	0.8									
6324	0.4									
6325	0.4									
6326	0.4									
7087	0.4									
7088	0.6									
7089	0.6									
7090	0.4									
7091	0.4									
7092	1.0									
7093	1.0									

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
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Geochemical Laboratory Report

DATE December 6, 1978

Wyoming Minerals Corp.
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Lakewood, Colorado, 80235
W.M. Seery
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P.O. Box 1
Tatamagouche, N.S

Soils (ppm).

REPORT NUMBER 78-884

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm			
EL-7030	0.4		EL-7050	0.6		EL-7070	5.6			
7031	1.0		7051	0.4		7071	1.2			
7032	1.0		7052	1.0		7072	0.8			
7033	0.2		7053	0.4		7073	1.0			
7034	1.8		7054	0.6		7074	1.0			
7035	0.2		7055	0.4		7075	3.2			
7036	0.4		7056	0.4		7076	1.6			
7037	0.2		7057	1.0		7077	1.8			
7038	0.6		7058	1.6		7078	0.6			
7039	0.6		7059	0.4		7079	0.8			
7040	0.2		7060	0.2		7080	1.2			
7041	0.2		7061	<.2		7081	0.6			
7042	0.2		7062	0.6		7082	0.8			
7043	0.6		7063	0.6		7083	1.0			
7044	0.2		7064	1.2		7084	0.4			
7045	0.4		7065	0.4		7085	1.4			
7046	0.6		7066	0.6		7086	0.4			
7047	0.4		7067	0.8						
7048	0.2		7068	0.4						
7049	0.6		7069	0.4						

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
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Geochemical Laboratory Report

DATE December 6, 1978

Wyoming Minerals Corp.
3900 S. Wadsworth B lvd.
Lakewood, Colorado, 80235
W.M. Seery
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P.O. Box 248
Tatamagouche, N.S.

Soils (ppm).

REPORT NUMBER 78-894 (7232-LR)

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-6157	0.6		EL-6177	0.6		EL-6197	0.4		EL-6217	0.4
6158	0.4		6178	0.6		6198	0.6		6218	1.0
6159	0.6		6179	0.6		6199	3.0		6219	0.6
6160	0.6		6180	0.2		6200	1.2		6220	0.4
6161	0.2		6181	5.2		6201	0.6		6221	0.4
6162	0.8		6182	1.0		6202	0.4		6222	<.2
6163	0.6		6183	0.4		6203	0.6		6223	0.2
6164	0.4		6184	0.2		6204	0.4		6224	0.4
6165	0.4		6185	0.4		6205	0.8		6225	0.2
6166	1.4		6186	0.4		6206	0.4		6226	1.0
6167	0.4		6187	0.4		6207	0.4		6227	0.6
6168	<.2		6188	1.0		6208	0.4		6228	0.4
6169	0.4		6189	0.6		6209	0.4		6229	<.2
6170	0.8		6190	0.6		6210	0.4		6230	0.6
6171	0.6		6191	1.0		6211	0.4		6231	0.8
6172	0.6		6192	0.6		6212	0.4		6232	0.4
6173	0.6		6193	0.4		6213	0.4		6233	0.8
6174	0.6		6194	0.6		6214	0.2		6234	0.8
6175	0.6		6195	0.6		6215	1.0		6235	0.6
6176	0.6		6196	0.4		6216	3.2		6236	0.6

Geochemical Laboratory Report / soils (ppm).

78-894

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm			
EL-6237	1.0		EL-6264	2.0		EL-7006	0.4			
6238	0.4		6265	0.2		7007	0.6			
6239	0.6		6266	0.6		7008	0.2			
6240	0.6		6267	2.8		7009	0.4			
6241	0.8		6268	1.2		7010	0.2			
6242	6.6		6269	0.8		7011	0.4			
6243	4.4		6270	0.8		7012	0.4			
6244	1.8		6271	0.6		7013	0.4			
6245	1.8		6272	1.0		7014	0.4			
6246	2.6		6273	0.2		7015	0.6			
6247	1.0		6274	0.4		7016	0.4			
6248	0.4		6275	4.0		7017	<.2			
6249	1.4		6276	1.4		7018	0.4			
6250	0.2		6277	0.6		7019	<.2			
6251	0.6		6278	0.4		7020	0.6			
6252	1.6		6279	0.4		7021	1.2			
6253	1.4		6280	0.4		7022	0.4			
6254	0.6		6281	0.4		7023	0.8			
6255	0.8		6282	1.0		7024	0.6			
6256	1.2		6283	0.6		7025	0.4			
6257	1.0		6284	0.4		7026	0.4			
6258	1.2		7000	0.4		7027	0.4			
6259	1.0		7001	0.6		7028	<.2			
6260	1.4		7002	1.0		7029	0.2			
6261	0.4		7003	0.6						
6262	0.4		7004	0.4						
6263	0.6		7005	0.4						

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

Geochemical Laboratory Report

DATE December 6, 1978

Wyoming Minerals Corp.
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
W.M. Seery
cc: W. Felderhof, same
P.O. Box 248
Tatamagouche, N.S.

Soils (ppm)

REPORT NUMBER 78-906 (7232-LR)

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-6285	0.4		EL-6305	<.2		EL-6086	0.4		EL-6107	0.2
6286	0.4		6306	0.2		6088	<.2		6108	0.2
6287	<.2		6307	0.2		6089	0.4		6109	<.2
6288	<.2		6308	0.2		6090	<.2		6110	1.2
6289	0.4		6309	0.2		6091	<.2		6111	0.2
6290	0.4		6310	0.2		6092	0.4		6112	0.2
6291	0.2		6311	0.4		6093	<.2		6113	0.2
6292	0.4		6312	<.2		6094	1.2		6114	0.2
6293	0.6		6313	0.2		6095	0.4		6115	0.2
6294	0.4		6314	0.2		6096	0.6		6116	0.2
6295	0.4		L15 50+000E	3.2		6097	<.2		6117	0.4
6296	<.2		500E	<.2		6098	0.2		6118	1.4
6297	0.2		L15 E49+000	6.4		6099	0.2		6119	0.4
6298	0.4		WL15 49+500E	0.6		6100	0.2		6120	0.8
6299	<.2		EL-6080	<.2		6101	0.4		6121	0.4
6300	<.2		6081	0.4		6102	0.4		6122	0.2
6301	<.2		6082	<.2		6103	0.2		6123	0.2
6302	0.4		6083	0.6		6104	0.4		6124	2.8
6303	0.2		6084	0.4		6105	0.6		6125	0.4
6304	0.2		6085	0.2		6106	0.4		6126	0.4

Geochemical Laboratory Report / (SOILS ppm).

78-906

Sample Number	U ppm		Sample No.	U ppm						
EL-6127	0.2		EL-6154	<.2						
6128	0.4		6155	0.2						
6129	0.2		6156	0.2						
6130	0.2									
6131	0.4									
6132	0,6									
6133	0.4									
6134	0.4									
6135	0.4									
6136	0.4									
6137	0.2									
6138	<.2									
6139	0.2									
6140	0.4									
6141	0.4									
6142	0.4									
6143	0.4									
6144	0.4									
6145	0.4									
6146	0.2									
6147	0.4									
6148	0.4									
6149	0.4									
6150	1.0									
6151	0.2									
6152	0.6									
6153	0.4									

Geochemical Laboratory Report / 78-662

Soils (EL-)
Stream Seds or (EM-).

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
WL-4084	0.2		EL 3627	0.2		EL 1213	0.4		WM 1027	0.8
4085	0.2		3628	0.6		1214	0.2		1028	0.6
4086	0.2		3629	0.6		1215	<0.2		1029	0.6
4087	0.2		3630	1.0		1216	<0.2		1030	0.6
4088	0.2		3631	0.8		1217	0.4		EM 1054A	0.2
4089	0.2		3632	0.4		1218	3.6		1055	1.4
4090	0.4		3633	0.8		1219	0.4		1056	1.0
4091	1.2		3634	0.4		1220	0.6		1057	0.6
4092	0.4		3635	0.8		1221	0.6		1058	0.6
4093	0.2		3636	0.4		1222	0.4		1059	0.4
EL-3610	0.2		3637	0.4		1223	0.2		1060	0.6
3611	0.2		3638	0.6		1224	0.2		1061	0.4
3612	0.6		3639	0.2		1225	0.4		1062	0.6
3613	0.4		3640	0.4		1226	0.4		1063	0.4
3614	0.4		3641	0.4		1227	0.2		1064	0.4
3615	0.4		3642	0.4		1228	0.2		1065	1.2
3616	0.2		EM 5144	0.4		1229	0.8		1066	0.4
3617	0.2		5145	0.6		WM 4022	0.2		1067	0.4
3618	0.2		5146	0.4		4023	0.2		3056	0.2
3619	0.4		5147	0.4		4024	0.2		3057	1.4
3620	0.2		5148	0.4		4025	0.4		3058	1.2
3621	0.4		5149	0.4		1019	0.2		EL 4834	1.0
3622	0.4		5150	0.4		1020	1.2		4835	0.2
3623	0.4		5151	0.4		1023	1.0		4836	0.2
3624	0.6		5152	0.6		1024	0.8		4837	0.6
3625	0.6		WL 5000	0.4		1025	1.6		4838	0.4
3626	0.4		5001	0.4		1026	1.2		4839	0.2

Geochemical Laboratory Report / Soils (ppm).

78-662

Sample Number	U ppm		Sample No.	U ppm
EL-4840	0.2		EL 4867	0.2
4841	0.4		WL 3175	0.2
4842	0.2		3176	0.4
4843	0.2		3177	0.2
4844	0.4		3178	0.4
4845	0.2		3179	1.0
4846	0.2		3180	0.2
4847	0.4		3181	0.2
4848	0.2			
4849	1.4			
4850	8.4			
4851	0.6			
4852	1.0			
4853	0.2			
4854	0.4			
4855	0.4			
4856	0.4			
4857	0.4			
4858	0.8			
4859	0.4			
4860	0.4			
4861	0.4			
4862	0.6			
4863	1.0			
4864	0.4			
4865	0.2			
4866	0.2			

Rec'd. July 31/78

BARRINGER RESEARCH LIMITED

Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

DATE July 20, 1978

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Lakewood, Colorado, 80235
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cc: same - P.O. Box 248
Tatamagauche, N.S., B0K 1V0
W. Felderhof

REPORT NUMBER 78-409

Stream Sediment (EM-)
Soil (EL-)

(P.O. #66-7232-LR)

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EM-1000	0.2		EL-1001	0.6		EL-1021	0.6		EL-3014	1.6
1001	0.4		1002	0.4		1022	0.4		3015	0.4
1003	0.4		1003	0.2		1023	0.6		3016	0.2
1005	0.6		1004	0.2		1024	0.6		3017	0.2
1006	0.8		1005	0.2		1025	0.4		4000	<.2
1007	1.6		1006	0.2		1026	0.4		4001	0.2
1008	1.6		1007	0.2		3000	0.4		4002	0.2
3000	1.6		1008	0.4		3001	0.8		4003	0.4
3001	0.4		1009	0.2		3002	2.8		4004	0.2
3002	1.2		1010	0.2		3003	0.6		4005	0.4
3003	0.4		1011	0.4		3004	1.2		4006	0.8
3004	1.4		1012	0.8		3005	0.4		4007	0.6
4000	0.8		1013	0.4		3006	0.8		4008	1.6
4001	0.4		1014	0.4		3007	0.2		4009	0.4
4002	0.6		1015	0.2		3008	0.6		4010	2.4
4003	1.0		1016	0.2		3009	0.2		4011	0.4
4004	0.6		1017	0.4		3010	0.4		4012	1.2
4005	0.6		1018	0.6		3011	0.4		4013	0.4
4006	1.0		1019	0.6		3012	1.0		4014	0.4
EL-1000	0.6		1020	0.4		3013	0.4			

M W

Rec'd. ~~[illegible]~~ 2/78
GWF

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Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
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CABLE: BARESEARCH

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Wyoming Minerals
3900 S. Wadsworth Blvd.
Lakewood, Colorado, 80235
cc: W. Felderhof, same
P.O. Box 248
Tatamagouche, N.S., BOK 1VO

DATE September 26, 1978

Soils (ppm).

REPORT NUMBER 78-633

SAMPLE NUMBER Soils	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-1193	0.4		EL 3537	0.4		3537	0.4		3557	0.4
1194	0.4		3538	0.4		3538	0.4		3558	0.6
1195	0.4		3539	0.4		3539	0.4		3559	0.8
1196	0.4		3540	< .2		3540	<.2		3560	0.6
1197	0.8		3541	0.2		3541	0.2		3561	0.6
1198	0.4		3542	0.2		3542	0.2		3562	4.6
1199	0.2		3543	0.2		3543	0.2		3563	1.2
1200	0.6		3544	0.6		3544	0.6		3564	0.6
1201	0.2		3545	0.4		3545	0.4		3565	0.4
1202	0.2		3546	1.6		3546	1.6		3566	1.6
1203	0.6		3547	0.2		3547	0.2		3567	0.6
1204	14.2		3548	0.4		3548	0.4		3568	0.6
1205	0.6		3549	0.4		3549	0.4		3569	0.6
1206	0.4		3550	0.6		3550	0.6		3570	0.6
1207	1.0		3551	0.4		3551	0.4		3571	0.6
1208	0.4		3552	< .2		3552	<.2		3572	0.4
1209	0.4		3553	0.6		3553	0.6		3573	0.6
1210	0.2		3554	0.6		3554	0.6		3574	0.8
1211	0.4		3555	0.6		3555	0.6		3575	0.6
1212	0.2		3556	0.4		3556	0.4		3576	0.8

Geochemical Laboratory Report / Soils (EL-) ppm Stream Sed (EM-) ppm.

78-633

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-3577	1.2		3471	0.4		5139	0.6		4815	0.2
3578	0.4		3472	0.2		5140	0.4		4816	0.2
3579	0.8		3473	0.6		5141	0.4		4817	3.6
3580	0.6		3474	0.6		5142	0.6		4818	0.2
3581	0.6		EM 5115	0.8		5143	0.6		4819	2.8
3582	0.6		5117	0.8		EL 1177	0.4		4820	0.6
3583	0.4		5118	0.6		1178	0.4		4821	0.6
3584	0.4		5119	0.4		1179	0.2		4822	0.4
3585	1.0		5120	0.4		1180	0.4		4823	0.8
3586	0.8		5121	0.6		1181	0.4		4824	0.8
3587	0.6		5122	0.8		1182	0.2		4825	0.2
3588	0.6		5123	0.8		1183	0.4		4826	1.2
3589	1.0		5124	0.8		1184	0.2		4827	0.4
3457	0.6		5125	0.6		1185	0.8		4828	0.4
3458	0.6		5126	0.6		1186	0.4		4829	0.4
3459	1.0		5127	0.6		1187	0.4		4830	0.6
3460	0.6		5128	0.4		1188	0.2		4831	0.2
3461	0.6		5129	0.6		1189	0.2		4832	0.2
3462	0.6		5130	0.6		1190	0.4		4833	0.6
3463	1.8		5131	0.8		1191	0.4		2369	0.2
3464	0.8		5132	0.8		1192	0.4		2370	0.4
3465	0.4		5133	0.8		4809	0.6		2371	1.6
3466	0.4		5134	0.8		4810	0.2		2372	0.2
3467	0.4		5135	0.6		4811	0.4		2373	0.4
3468	0.4		5136	0.4		4812	0.6		2374	<.2
3469	0.2		5137	0.8		4813	1.0		2375	0.2
3470	0.2		5138	0.8		4814	0.2		2376	0.2

Geochemical Laboratory Report / 78-633

Soils (ppm.)

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
EL-2377	0.8		2405	0.2		3603	1.2		4780	0.2
2378	1.2		2406	0.2		3604	<.2		4781	0.2
2379	0.2		2407	0.4		3605	0.2		4782	1.0
2380	0.2		2408	0.2		3606	0.2		4783	0.4
2381	<.2		2409	0.2		3607	<.2		4784	0.6
2382	<.2		2410	0.2		3608	0.2		4785	0.4
2383	1.0		2411	0.2		3609	0.8		4786	0.4
2384	0.2		2412	0.2		4760	0.4		4787	1.0
2385	0.4		2413	1.4		4761	0.2		4788	0.6
2386	0.2		2414	0.2		4762	0.2		4789	0.4
2387	0.2		2415	0.4		4763	0.2		4790	0.4
2389	0.2		2416	0.2		4764	0.6		4791	0.4
2390	0.2		2417	0.2		4765	0.2		4792	1.0
2391	0.2		2418	0.2		4766	0.2		4793	0.2
2392	0.2		3590	0.6		4767	3.8		4794	0.2
2393	1.0		3591	0.4		4768	0.6		4795	0.4
2394	0.2		3592	1.0		4769	0.2		4796	0.2
2395	0.2		3593	0.2		4770	0.6		4797	0.2
2396	0.4		3594	0.8		4771	0.2		4798	0.2
2397	0.8		3595	0.2		4772	0.4		4799	0.8
2398	0.2		3596	0.2		4773	0.2		4800	0.2
2399	0.4		3597	0.2		4774	1.2		4801	0.4
2400	0.2		3598	0.2		4775	0.4		4802	0.4
2401	0.2		3599	1.2		4776	0.4		4803	1.0
2402	0.2		3600	0.2		4777	0.6		4804	0.2
2403	0.4		3601	0.2		4778	0.2		4805	0.6
2404	0.2		3602	0.2		4779	0.6		4806	0.4

Soils (EL-) or (WL-).

Geochemical Laboratory Report / Stream Sods (EM-).

78-633

Sample Number	U ppm		Sample No.	U ppm		Sample No.	U ppm		Sample No.	U ppm
4807	0.4		2448	1.0		2093	0.2		3146	0.2
4808	2.2		2449	0.4		2094	0.4		3147	0.2
EL-2419	0.2		2459	0.4		2095	0.4		3148	0.2
2420	1.6		2460	0.4		2096	0.4		3149	0.6
	0.2		2461	0.4		2097	0.2		3150	0.2
2421	0.2		2463	0.2		2098	0.6		3151	1.0
2422	0.2		2464	0.6		2099	0.4		3152	0.4
2423	0.2		2465	0.4		2100	0.2			
2424	0.4		2466	0.4		2101	0.4			
2425	0.4		2467	0.4		2102	0.4			
2427	0.4		2468	0.6		2103	0.2			
2428	0.4		2469	0.6		2104	0.2			
2429	0.4		2470	1.0		2105	0.4			
2430	0.4		EM 2045	0.2		2106	0.4			
2431	0.2		3051	0.2		3133	0.6			
2432	0.2		3052	0.4		3134	0.2			
2433	02[illegible]		3053	0.8		3135	1.4			
2434	2.6		3054	0.4		3136	0.2			
2435	0.6		3055	0.6		3137	0.6			
2436	0.4		WL 2085	0.6		3138	0.6			
2437	0.4		2086	0.4		3139	0.6			
2442	0.2		2087	0.2		3140	0.4			
2443	0.2		2088	0.4		3141	0.4			
2444	1.0		2089	0.2		3142	0.4			
2445	1.0		2090	2.0		3143	0.2			
2446	0.4		2091	0.8		3144	0.4			
2447	2.0		2092	0.4		3145	0.8			

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Laboratory Report

DATE 2nd Aug .1978

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80235, USA
CC -same, P.O. Box 248
Tatamagouche, N.S., B0K 1V0
W. Felderhof

(Stream Waters)

REPORT NUMBER 78-428

PO 66-7232-LR

SAMPLE NUMBER WATERS	U ppb		Sample No	U ppb		Sample No	U ppb		Sample No	U ppb
WW 3005	0.2		WW3023	0.2		WW4014	1.0		EW1013	<.2
3006	0.2		3024	<.2		4015	0.6		1014	<.2
3007	0.2		3025	0.2		4016	0.4		1015	<.2
3008	0.4		WW3026	0.4		4017	0.2		EW1016	<.2
3009	0.2		WW4000	<.2		4018	0.2		EW2006	<.2
3010	0.2		4001	<.2		4019	0.2		2007	<.2
3011	0.2		4002	<.2		4020	0.2		2008	<.2
3012	0.2		4003	<.2		4021	0.2		2009	<.2
WW3013	0.2		WW4004	<.2		WW4022	0.4		EW2010	<.2
WW3014	0.4		WW4005	0.2		EWL4065	0.4		EW2011	<.2
3015	0.2		4006	<.2		4066	0.4		EW3013	<.2
3016	0.2		4007	<.2		4067	<.2		EW3014	<.2
3017	0.2		4008	0.2		4068	0.6		Ew4006	<.2
3018	0.2		4009	N.S. Missing		4069	0.2		4007	<.2
3019	0.2		4010	0.2		4070	0.2		4008	N.S. Missing
3020	0.2		4011	I.S		4071	0.2		4009	N.S. Missing
3021	0.2		4012	0.4		EWL4072	0.4		4010	< .2
WW3022	0.2		4013	0.2		EW 1012	<.2		4011	< .2

2.

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Geochemical Laboratory Report

304 CARLINGVIEW DRIVE
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DATE September 21, 1978

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REPORT NUMBER 78-634

Stream Waters (p.p.b).

SAMPLE NUMBER Waters	U ppb		Sample	U ppb.						
EW 1034	<0.2		EW							
1035	<0.2		5000	<0.2						
1036	<0.2		5001	<0.2						
7044	<0.2		5002	<0.2						
4045	<0.2									
WW 3027	<0.2									
3028	<0.2									
4023	<0.2									
4024	<0.2									
4025	0.2									
4026	0.2									
4027	< .2									

Rec'd. Nov 2/78
CWF.

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Geochemical Laboratory Report

DATE October 6, 1978

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Stream Waters (ppb.)

BS

REPORT NUMBER 78-748

SAMPLE NUMBER Waters	U ppb
EW-1037	0.2
1038	0.2
1039	0.2
1040	0.2
1041	0.2
~~MW-4028~~	~~0.2~~

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Laboratory Report

DATE
2nd Aug.1978

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W. Felderhof

REPORT NUMBER 78-418

Stream Waters (ppb)

PO 66-7232-LR

SAMPLE NUMBER WATERS	U ppb		Sample No	U ppb		Sample No	U ppb		Sample No	U ppb
WW 1006	0.2		WW 2005	0.2		EW 1007	0.2		EW 3007	< .2
1007	0.4		2006	0.4		1008	0.2		3008	<.2
1008	0.4		2007	0.4		1009	<.2		3009	<.2
1009	0.2		2008	0.2		1010	<.2		3010	<.2
1010	0.2		2009	0.2		1011	<.2		3011	<.2
1011	0.4		2010	<.2		2000	<.2		3012	<.2
1012	0.4		2011	0.4		2001	<.2		4000	<.2
1013	0.2		2012	<.2		2002	<.2		4001	<.2
1014	0.2		2013	0.2		2003	<.2		4002	<.2
1015	0.2		2014	0.2		2004	<.2		4003	0.2
1016	0.2		2015	0.2		2005	<.2		4004	0.2
1017	0.2		2016	0.2		3000	<.2		4005	0.4
1018	0.4		2017	0.2		3001	<.2		1000	0.2
2000	0.2		3000	0.2		3002	<.2		1001	0.2
2001	0.2		3001	0.2		3003	<.2		1002	0.2
2002	0.4		3002	0.2		3004	<.2		1003	<.2
2003	0.2		3003	0.2		3005	<.2		1004	<.2
2004	0.4		WW3004	0.2		3006	<.2		1005	<.2

Laboratory Report / 78-418 Well-Waters (ppb). /2

Sample No WATERS	U ppb		Sample No	U ppb		Sample No	U ppb		Sample No	U ppb
EWL 4000	2.0		EWL4018	0.4		EWL4036	1.8		EWL4054	0.6
4001	1.0		4019	0.2		4037	1.0		4055	0.2
4002	0.4		4020	0.4		4038	1.0		4056	0.4
4003	<.2		4021	0.2		4039	0.8		4057	0.6
4004	1.0		4022	0.2		4040	1.0		4058	0.2
4005	0.2		4023	<.2		4041	1.4		4059	0.4
4006	0.8		4024	0.2		4042	8.0		4060	0.4
4007	1.0		4025	0.2		4043	0.4		4061	0.6
4008	0.4		4026	<.2		4044	0.2		4062	1.0
4009	<.2		4027	0.2		4045	0.4		4063	<.2
4010	<.2		4028	0.2		4046	0.2		4064	<.2
4011	<.2		4029	<.2		4047	0.2		1000	<.2
4012	<.2		4030	0.2		4048	0.2		1001	<.2
4013	0.4		4031	1.2		4049	0.4		1002	<.2
4014	0.2		4032	0.2		4050	0.2		1003	<.2
4015	<.2		4033	1.0		4051	0.4		1004	<.2
4016	0.2		4034	1.2		4052	0.2		1005	<.2
4017	0.4		EWL4035	1.6		EWL4053	0.8		1006	<.2

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APPENDIX 4 - Soil and Stream Sediment Descriptions

APPENDIX 5 - Project Personnel

433183

APPENDIX - 4

Soil and Stream Sediment Descriptions

SOIL SAMPLES - EARLTOWN

SAMPLE NO.	ANALYSIS	DESCRIPTION - COMPOSITION, COLOUR, etc.	SAMPLE DEPTH (IN INCHES)
EL-1000		LOOSE, DARK BROWN CLAY IN LOW LYING LAND.	6
EL-1001		ROCKY LIGHT DARK BROWN CLAY IN SWAMPISH LAND.	12
EL-1002		THIN A, DARK BROWN LOOSE CLAY IN LOW STREAM BANK.	8
EL-1003		STREAM BOTTOM WITH THICK A, AND DARK RED BROWN MEDIUM PACKED CLAY.	8
EL-1004		DARK RED BROWN, LOOSELY PACKED CLAY, SLIGHT HILL-SIDE NEAR STREAM.	8
EL-1005		LIGHT DARK RED BROWN LOOSE CLAY ON HILLSIDE.	8
EL-1006		RED BROWN LOOSE CLAY IN ROCKY HILLSIDE.	10
EL-1007		DARK BROWN LOOSE CLAY ON SLIGHT HILLSIDE.	8
EL-1008		BROWN LOOSE CLAYS ON SLIGHT MOUND.	4
EL-1009		RED LIGHT DARK BROWN CLAY ON SLIGHT SIDE HILL, ROCKY.	7
EL-1010		RED BROWN CLAY ON LEVEL UPLAND	7

EL-1011	LIGHT TANISH RED BROWN CLAY IN VERY ROCKY SIDE HILL.	9
EL-1012	RED LIGHT BROWN LOOSE CLAY ON STREAM BANK.	8
EL-3000	DARK BROWN, SAND, GRAVEL.	6
EL-3001	LIGHT DARK BROWN CLAY, GRAVEL.	12
EL-3002	LIGHT GRAY DARK BROWN CLAY, SAND, ORGANICS.	12
EL-3003	DARK BROWN CLAY, SILT.	14
EL-3004	RUSTY BROWN, SILTY CLAY.	12
EL-3005	BROWN SOIL, MINOR PEBBLES AND SILT.	12
EL-3006	DARK BROWN SOIL, HIGH IN ORGANICS, CLAY, SOME PEBBLES.	
EL-3007	LIGHT BROWN, SILT WITH PEBBLES.	14
EL-3008	LIGHT GRAY BROWN CLAY WITH PEBBLES	8
EL-3009	REDDISH BROWN SILT AND CLAY, MINOR ORGANICS	14
EL-3010	LIGHT BROWN CLAY	10
EL-3011	VERY ROCKY CLAY AND PEBBLES, BROWN.	

EL-3012	SAND, SILT - GRAY.	10
EL-3013	LIGHT BROWN, SILT AND PEBBLES.	10
EL-3014	VERY PEBBLY. DARK BROWN CLAY.	8
EL-3015	REDDISH BROWN PEBBLY SILT.	14
EL-3016	REDDISH BROWN SILT, PEBBLES	10
EL-3017	RUSTY LIGHT BROWN, SILT, PEBBLES	12
EL-1013	DARK RED BROWN CLAY - SILT WITH SOME PEBBLES	10
EL-1014	GRITTY CLAY WITH MINOR PEBBLES AND SILT	12
EL-1015	BROWN CLAY WITH MINOR SILT AND PEBBLES	12
EL-1016	SAME	12
EL-1017	DARK BROWN SILT WITH MINOR CLAY AND ORGANICS	10
EL-1018	PEBBLY GRITTY CLAY; RED BROWN, MINOR ORGANICS	11
EL-1019	ROCKY CLAY WITH PEBBLES AND ORGANICS, MINOR SILT	9
EL-1020	RED BROWN CLAY WITH MINOR SILT AND ORGANICS	13

EL-1021	CLAY WITH ROCKS AND PEBBLES, MINOR ORGANICS, THIN SOIL COVER.	7
EL-1022	DARK RED BROWN SILT WITH MINOR PEBBLES, CLAY	10
EL-1023	RED BROWN SILT WITH MINOR CLAY, ORGANICS	10
EL-1024	RED BROWN SILT WITH MINOR CLAY, ORGANICS	
EL-1025	SAME	
EL-1026	SAME	
EL-1027	RED BROWN PEBBLY CLAY WITH MINOR ORGANICS	
EL-1028	SAME	
EL-1029	RED BROWN PEBBLY CLAY, MINOR SILT	
EL-1030	RED BROWN SILT, CLAY WITH MINOR ORGANICS	
EL-1031	SAME	
EL-1032	BRIGHT RED BROWN AND BROWN CLAY-SILT WITH MINOR ORGANICS	
EL-1033	SAME	
EL-1034	RED BROWN SILT WITH CLAY AND PEBBLES	

EL - 1035	RED BROWN CLAY WITH MINOR ORGANICS	6
EL - 1036	SAME	6
EL - 1037	SAME	8
EL - 1038	SAME	8
EL - 1039	RED BROWN PEBBLY CLAY WITH MINOR ORGANICS	12
EL - 1040	SAME	8
EL - 1041	SAME	8
EL - 1042	BROWN CLAY WITH MINOR ORGANICS	8
EL - 1043A	BROWN CLAY WITH MINOR ORGANICS, PEBBLES	6
EL - 1044	ORANGE CLAY WITH PEBBLES AND ORGANICS	8
EL - 1043B	SAME	
EL - 1045	LIGHT RED BROWN CLAY WITH MINOR ORGANICS	18
EL - 1046	SAME	18
EL - 1047	LIGHT BROWN CLAY WITH PEBBLES	18
EL - 1048	RED BROWN CLAY WITH MINOR PEBBLES.	12
EL - 1049	RED BROWN CLAY	12

EL 1055	RED BROWN CLAY WITH MINOR SILT AND PEBBLES	8
EL 1056	BRIGHT RED BROWN CLAY WITH MINOR PEBBLES AND ORGANICS	10
1057	SAME	10
EL 1058	BROWN GRAVELLY CLAY; WET WITH MINOR ORGANICS	9
EL 1059	BROWN GRAVELLY CLAY WITH MINOR ORGANICS	6
EL 1060	BROWN GRAVELLY CLAY; WET WITH MINOR ORGANICS	10
EL 1061	SAME	11
EL 1062	DARK BROWN CLAY WITH MINOR ORGANICS AND PEBBLES	12
EL 1063	SAME	12
EL 1064	SANDY DARK BROWN CLAY WITH MINOR ORGANICS	12
EL 1065	LIGHT BROWN GRAVELLY SANDY CLAY WITH MINOR ORGANICS	12
EL 1066	RED-BROWN CLAY AND SILT	14
EL 1067	LIGHT BROWN GRAVELLY SANDY CLAY WITH MINOR ORGANICS	
EL 1068	WET DARK BROWN SILTY CLAY WITH PEBBLES	
EL 1069	RED-BROWN SANDY GRAVELLY CLAY WITH MINOR ORGANICS	8
EL 1070	RED-BROWN CLAY WITH MINOR SAND	12
EL 1071	RED BROWN CLAY AND SILT WITH PEBBLES AND ORGANICS	12
EL 1072	RED BROWN GRAVELLY CLAY	12
EL 1073	RED BROWN SANDY GRAVELLY CLAY WITH MINOR ORGANICS	12
EL 1074	RED BROWN CLAY AND SILT WITH MINOR ORGANICS	12
EL 1075	BRIGHT RED BROWN CLAY WITH MINOR PEBBLES	12

EL 1076	RED BROWN CLAY WITH PEBBLES	12
EL 1077	SAME	14
EL 1078	SAME	10
EL 1079	SAME	10
EL 1080	BRIGHT RED BROWN CLAY WITH PEBBLES AND ORGANICS	10
EL 1081	LIGHT RED BROWN CLAY AND SILT WITH MINOR ORGANICS	10
EL 1082	RED BROWN CLAY WITH PEBBLES	10
EL 1083	SAME	
EL 1084	LIGHT RED BROWN CLAY AND SILT WITH MINOR ORGANICS	10
EL 1085	RED BROWN PEBBLY CLAY WITH MINOR ORGANICS	
EL 1086	BRIGHT RED BROWN CLAY AND SILT WITH PEBBLES AND ORGANICS	
EL 1087	BROWN GRAVELLY CLAY WITH MINOR SILT AND ORGANICS	10
EL 1088	BROWN CLAY WITH MINOR GRAY LEACHING; PEBBLES AND MINOR SILT	
EL 1089	BRIGHT RED BROWN SILT WITH MINOR CLAY AND ORGANICS	
EL 1090	RED BROWN CLAY WITH MINOR SILT	
EL 1091	RED BROWN SILT AND CLAY WITH MINOR ORGANICS	
EL 1092	RED BROWN SILT AND CLAY WITH PEBBLES	
EL 1093	TAN SILT WITH MINOR ORGANICS	
EL 1094	SAME	
EL 1095	RED BROWN SILT AND CLAY WITH MINOR SILT AND PEBBLES	
EL 1096	SAME	

EL 1097	RED TAN SILT WITH MINOR CLAY AND PEBBLES	10
EL 1098	PARK BROWN CLAY WITH SILT, PEBBLES & ORGANICS	10
EL 1099	SAME	10
EL 1100	SAME	10
EL 1101	SAME	10
EL 1102	REB BROWN SILT & CLAY WITH MINOR PEBBLES AND ORGANICS	
EL 1103	SAME	12
EL 1104	BRIGHT RED BROWN SILT WITH MINOR ORGANICS	10
EL 1105	RED BROWN SILT WITH MINOR CLAY AND ORGANICS	18
EL 1106	DARK BLACKISH ORGANIC W MINOR AMOUNTS OF GREY CLAY (LEACHED)	12
EL 1107	RED BROWN SILT WITH MINOR SILT CLAY	10
EL 1108	RED BROWN SILT WITH MINOR ROCKS	10
EL 1109	RED BROWN SILT WITH MINOR SILTCLAY	10
EL 1110	DARK RED BROWN CLAY-SILT WITH MINOR ORGANICS	10
EL 1111	RED BROWN SILT WITH MINOR CLAY AND ORGANICS	10
EL 1112	RED BROWN SILT CLAY WITH MINOR ORGANICS	10
EL 1113	DARK BROWN PEBBLE CLAY WITH MINOR SILT	10
EL 1114	SAME	10
EL 1115	SAME	10
EL 1116	SAME	10
EL 1117	SAME	10

EL 1118	RED BROWN SILT AND CLAY WITH MINOR ORGANICS	10
EL 1119	LIGHT BROWN GREY CLAY WITH MINOR ORGANICS	10
EL 1120	GREY SANDY CLAY WITH MINOR ORGANICS	10
EL 1121	RED BROWN SILT-CLAY WITH MINOR PEBBLES	10
EL 1122	SAME	10
EL 1123	SAME	10
EL 1124	DARK BROWN CLAY WITH PEBBLES AND MINOR	10
EL 1125	SAME	
EL 1126	SAME	12
EL 1127	RED BROWN SILT CLAY WITH MINOR ORGANICS	12
EL 1128	RED BROWN CLAY WITH MINOR SILT AND PEB	10
EL 1129	DARK BROWN-BLACK SWAMP SOIL	14
EL 1130	DARK RED BROWN PEBBLE CLAY	12
EL 1131	SAME	12
EL 1132	RED BROWN PEB CLAY WITH MINOR SILT & ORGANIC	10
EL 1133	RED BROWN SILT WITH MINOR CLAY & ORGANICS	10
EL 1134	DARK BROWN AND RED BROWN SILT WITH MINOR PEBS	14
EL 1135	SAME	12
EL 1136	RED BROWN SILT WITH MINOR GREY SOIL & ORGANICS	12
EL 1137	SAME	
EL 1138	RED BROWN SILT WITH MINOR PEBBLES AND CLAY	12

EL 1139	RED BROWN SILT	10
EL 1140	RED BROWN SILT WITH CLAY AND ORGANICS	10
EL 1141	BLACK BROWN ORGANIC SOIL; HEAVY METASED FLOAT. HINDER'S SAMPLE TAKEN	10
EL 1142	RED BROWN SILT CLAY WITH ORGANICS	10
EL 1143	SAME	10
EL 1144	SAME	10
EL 1145	SAME	10
EL 1146	RED BROWN SILT CLAY WITH PEBBLES AND ORGANICS	10
EL 1147	SAME	10
EL 1148	SAME	10
EL 1149	RED BROWN SILT CLAY WITH MINOR ORGANICS	12
EL 1150	SAME	
EL 1151	RED BROWN SILT PEBBLE CLAY WITH MINOR ORGANIC	12
EL 1152	SAME	12
EL 1153	PEBBLE RED BROWN CLAY WITH MINOR SILT	12
EL 1154	BRIGHT RED BROWN SILT	12
EL 1155	DARK BROWN CLAY WITH PEBBLES	10
EL 1156	RED BROWN SILT CLAY WITH MINOR ORGANICS	8
EL 1157	DARK RED BROWN CLAY WITH MINOR ORGANIC AND PEBBLES	10
EL 1158	SAME	10
EL 1159	SAME	10

EL 1160	BRIGHT RED-BROWN SILT WITH MINOR CLAY AND PEBS	12
EL 1161	BRIGHT RED-BROWN SILT WITH MINOR CLAY	12
1162	DARK BROWN CLAY	12
EL 1163	BRIGHT RED BROWN SILT	10
EL 1164	SAME	12
EL 1165	SAME	10
EL 1166	DARK BROWN CLAY WITH MINOR SILT	10
EL 1167	RED BROWN SLT CLAY WITH PEBBLES	8"-10"
EL 1168	BROWN SILT CLAY WITH PEBBLES	10"
EL 1169	LIGHT RED BROWN SANDY SILT	12"
EL 1170	CLAY SILT PEBBLES, LIGHT BROWN	10"
EL 1171	RUSTY BROWN SILT CLAY & PEBBLES	12"
EL 1172	RUSTY BROWN SILT	12"
EL 1173	LIGHT BROWN-RUSTY BROWN SILT CLAY	10"
EL 1174	RED-BROWN SILT WITH MINOR ORGANICS	10"
EL 1175	LIGHT GREY BROWN CLAY WITH ORGANICS DIFFICULT TO OBTAIN	8"-10"
EL 1176	RUSTY BROWN SLT SAND AND CLAY	8"-10"
EL 2165	BROWN CLAY, ORGANICS	7
EL 2166	ORANGE BROWN CLAY, ORGANICS	6
EL 2167	SAME	6
EL 2168	SAME PLUS ORGANIC RICH	7

EL-1050	ORANGE AND RED BROWN CLAY WITH MINOR ORGANICS.	8
EL-1051	RED BROWN CLAY WITH MINOR ORGANICS AND PEBBLES.	
EL-1052	BROWN WITH PEBBLES AND ORGANICS.	8
EL-1053	RED BROWN CLAY WITH ORGANICS	10
EL-1054	SAME	
EL-2000	BROWN CLAY, MINOR ORGANICS	
EL-2001	LIGHT WINE-COLOURED CLAY.	
EL-2002	BROWN CLAY, PEBBLES	
EL-2003	BROWN CLAY, PEBBLES	
EL-2004	BROWN, VERY PEBBLY CLAY	
EL-2005	BROWN CLAY, PEBBLES	
EL-2006	SAME + ORGANICS	
EL-2007	RED BROWN CLAY, ORGANICS	
EL-2008	BROWN CLAY	

EL - 2009 BROWN CLAY, PEBBLES

EL - 2010 CLAY

EL - 2011 BROWN CLAY

EL - 2012 BROWN CLAY, ORGANICS

EL - 2013 BROWN MUD

EL - 2014 BROWN CLAY

EL - 2015 SAME

EL - 2016 SAME

EL - 2017 SAME

EL - 2018 Red; BROWN; and Wine-Coloured CLAY

EL - 2019 RED - BROWN CLAY, PEBBLES, ORGANICS. 8

EL - 2020 SAME 8

EL - 2021 SAME 8

EL - 2022 RED BROWN CLAY. 8

EL-2023	BROWN CLAY, ORGANICS.	F
EL-2024	BROWN CLAY, PEBBLES	F
EL-2025	SAME + ORGANICS	12
EL-2026	LIGHT TO REDDISH BROWN CLAY.	8
EL-2027	ORANGE BROWN CLAY, ORGANICS	8
EL-2028	SAME	8
EL-2029	LIGHT BROWN-GRAY CLAY	8
EL-2030	BROWN CLAY.	8
EL-2031	ORANGE BROWN CLAY, ORGANICS	8
EL-2032	SAME — NO ORGANICS	8
EL-2033	SAME	8
EL-2034	SAME	8
EL-2035	ORANGE BROWN CLAY — ORGANICS	7
EL-2036	LIGHT ORANGE BROWN CLAY	4

EL 2037	Orange brown clay	6
EL 2038	SAME	8
EL 2039	BROWN CLAY WITH ORGANICS PEBBLES	8
EL 2040	ORANGE BROWN CLAY WITH PEBBLES	7
EL 2041	ORANGE BROWN CLAY WITH ORGANICS	7
EL 2042	LIGHT BROWN CLAY WITH ORGANICS	8
EL 2043	LIGHT ORANGE BROWN CLAY WITH ORGANICS	6
EL 2044	ORANGE BROWN CLAY WITH ORGANICS	6
EL 2045	ORANGE BROWN CLAY WITH ORGANICS	8
EL2046	SAME	8
EL 2047	ORANGE BROWN CLAY WITH SOME ORGANICS	6
EL 2048	BROWN CLAY AND PEBBLES	7
EL 2049	ORANGE BROWN CLAY WITH ORGANICS	8
EL 2050	RED BROWN CLAY	9

EL 2051	ORANGE BROWN CLAY	8
EL 2052	SAME	6
EL 2053	SAME	6
EL 2054	SAME	6
EL 2055	SAME	8
EL 2056	SAME	7
EL 2057	SAME	7
EL 2058	BROWN CLAY AND ORGANICS	7
EL 2059	ORANGE BROWN CLAY WITH ORGANICS AND PEBBLES	9
EL 2060	SAME	8
EL 2061	SAME	
EL 2062	SAME	6
EL 2063	SAME	6
EL 2064	SAME	8

EL 2065	ORANGE BROWN CLAY WITH ORGANICS AND PEBBLES	7
EL 2066	SAME BUT EXTREMELY PEBBLY	12
EL 2067	BROWN PEBBLY CLAY	5
EL 2068	SAME	5
EL 2069	ORANGE BROWN CLAY WITH ORGANICS	6
EL 2070	SAME	6
EL 2071	ORANGE BROWN CLAY WITH ORGANICS	5
EL 2072	SAME	7
EL 2073	SAME	6
EL 2074	SAME BUT WITH PEBBLES, NO ORGANICS	6
EL 2075	ORANGE BROWN CLAY WITH ORGANICS	7
EL 2076	ORANGE BROWN CLAY AND PEBBLES	12
EL 2077	ORANGE BROWN, PEBBLES, ORGANICS AND CLAY	6
EL 2078	BROWN CLAY	6

EL 2079	ORANGE BROWN CLAY WITH ORGANICS	6
EL 2080	SAME	5
EL 2081	SAME	6
EL 2082	ORANGE CLAY ORGANICS AND PEBBLES	6
EL 2083	ORANGE BROWN CLAY	6
EL 2084		7
EL 2085	GREY CLAY WITH PEBBLES	6
EL 2086	LIGHT BROWN CLAY WITH ORGANICS	7
EL 2087	PILE OF BOULDERS NEARBY — SEDIMENTS AND GRANITES	7
EL 2088	ORANGE BROWN CLAY	6
EL 2089	SAME	7
EL 2090	BROWN TO ORANGE BROWN CLAY WITH ORGANICS	7
EL 2091	BROWN CLAY VERY ROCKY AREA CGL BOULDERS AROUND	4
EL 2092	ORANGE BROWN CLAY	7

EL 2093	ORANGE BROWN CLAY	7
EL 2094	BROWN CLAY	10
EL 2095	ORANGE BROWN CLAY	10
EL 2096	BROWN CLAY	7
EL 2097	ORANGE BROWN CLAY	12
EL 2098	SAME	7
EL 2099	BROWN CLAY	7
EL 2100	ORANGE BROWN CLAY	8
EL 2101	ORANGE BROWN CLAY	8
EL 2102	SAME	7
EL 2103	ORANGE CLAY	8
EL 2104	SAME	6
EL 2105	BROWN CLAY WITH PEBBLES	6
EL 2106	BROWN SOIL WITH PEBBLES	6
EL 2107	SAME	7

EL 2108	ORANGE BROWN CLAY	7
EL 2109	SAME	5
EL 2110	SAME	7
EL 2111	SAME	6
EL 2112	BROWN CLAY	7
EL 2113	SAME	6
EL 2114	SAME	6
EL 2115	SAME	6
EL 2116	RED BROWN CLAY	12
EL 2117	BROWN CLAY	7
EL 2118	SAME	8
EL 2119	ORANGE BROWN CLAY	8
EL 2120	SAME	5
EL 2121	SAME	8

EL ROT 2122	ORANGE BRONN CLAY	8
EL 2123	SAME	6
EL 2124	ORANGE BROWN CLAY	6
EL 2125	BROWN CLAY	7
EL 2126	BROWN CLAY	7
EL 2127	SAMPLE TAKEN STREAM TRAVERSE	
EL 2128	SAMPLE TAKEN STREAM TRAVERSE	
EL 2129	BRONN CLAY WITH ORGANICS	6
EL 2130	SAME	6
EL 2131	SAME WITH PEBBLES	4
EL 2132	BRONN CLAY WITH ORGANICS	5
EL 2133	SAME	6
EL 2134	SAME	6
EL 2135	SAME	6

EL 2136	BROWN CLAY WITH ORGANICS	6
EL 2137	WINE COLOURED CLAY	6
EL 2138	LIGHT BROWN CLAY	7
EL 2139	BRONN CLAY	7
EL 2140	BROWN CLAY	7
EL 2141	SAME	7
EL2142	SAME	6
EL2143	SAME	6
EL 2144	LIGHT BROWN CLAY	6
EL 2145	ORANGE BROWN CLAY WITH ORGANICS	6
EL 2146	SAME	6
EL 2147	SAME	6
EL 2148	YELLOW BROWN CLAY	12
EL 2149	WINE BROWN CLAY	6

EL 2150	BROWN CLAY	6
2151	ORANGE BROWN CLAY	6
EL 2152	SAME	6
EL 2153	BROWN CLAY WITH PEBBLES AND ORGANICS	7
EL 2154	SAME	7
EL 2155	SAME	6
EL 2156	SAME	6
EL 2157	SAME	6
EL 2158	SAME	6
EL 2159	SAME	6
EL 2160	SAME	4
EL 2161	SAME	6
2162	SAME	6
EL 2163	SAME	6
EL 2164	SAME	7

EL 2169	Same	7
EL 2170	SAME	12
EL 2171	SAME	9
EL 2172	BROWN CLAY ORGANICS	10
EL 2173	SAME plus PEBBLES	5
EL 2174	SAME	6
EL 2175	SAME	6
EL 2176	SAME	5
EL 2177	SAME	6
EL 2178	RED BROWN CLAY, PEBBLES, ORGANICS	6
EL 2179	SAME	6
EL 2180	SAME	5
EL 2181	SAME	6
EL 2181	SAME	7
EL 2182	SAME	6
EL 2183	SAME	6
EL 2184	ORANGE CLAY, ORGANICS	6
EL 2185	BROWN CLAY, VERY PEBBLY	6
EL 2186	BROWN CLAY, PEBBLES	5
EL 2187	SAME	7
EL 2188	RED BROWN CLAY, ORGANICS	5

EL 2189	BROWN CLAY, ORGANICS	12
EL 2190	RED BROWN CLAY, ORGANICS	4
EL 2191	SAME PLUS PEBBLES	4
EL 2192	SAME	6
EL 2193	BROWN CLAY, ORGANICS	6
EL 2194	SAME	7
EL 2195	SAME	6
EL 2196	ORANGE BROWN CLAY	7
EL 2197	GRAY CLAY, ORGANICS	8
EL 2198	BROWN CLAY	6
EL 2199	ORANGE BROWN CLAY	6
EL 2200	BROWN CLAY, PEBBLES, ORGANICS	7
EL 2201	SAME	7
EL 2202	SAME	6
EL 2203	SAME	6
EL 2204	SAME	6
EL 2205	SAME	6
EL 2206	ORANGE BROWN CLAY, ORGANICS	7
EL 2207	BROWN CLAY, ORGANICS, PEBBLES	6
EL 2208	SAME	7
EL 2209	SAME	6

EL 2210	SAME	6
EL 2211	SAME	7
EL 2212	ORANGE BROWN CLAY	6
EL 2213	SAME	9
EL 2214	BROWN CLAY, ORGANICS	7
EL 2215	LIGHT BROWN CLAY, ORGANICS	7
EL 2216	DARK BROWN CLAY	6
EL 2217	ORANGE BROWN CLAY	5
EL 2218	SAME	6
EL 2219	BROWN CLAY, PEBBLES, ORGANICS	
EL 2220	SAME	
EL 2221	SAME	
EL 2222	SAME	
EL 2223	SAME	
EL 2224	SAME	
EL 2225	LIGHT BROWN CLAY, ORGANICS	
EL 2226	ORANGE BROWN CLAY, PEBBLES, ORGANICS	
EL 2227	SAME	
EL 2228	BROWN CLAY, PEBBLES - ORGANICS	
EL 2229	ORANGE BROWN CLAY, PEBBLES	
EL 2230	BROWN CLAY, ORGANICS	

EL 2231		7
EL 22 32	NOT SURE THAT IT IS B-ZONE	12
EL 22 33		8
EL 22 34		12
EL 22 35		7
EL 22 36		7
EL 22 37		6
EL 22 38		6
EL 22 39		8
EL 22 40		6
EL 22 41		7
EL 22 42		6
EL 2243		7
EL22 44		5
EL22 45		6
EL 22 46		7
EL 22 47		6
EL 22 48		6
EL 22 49	BROWN CLAY	7
EL 2250	SAME PLUS ORGANICS	7
EL2251	BROWN CLAY	6

EL 2251	BROWN CLAY	6
EL 2252	SAME	6
EL 2253	SAME	5
EL 2254	SAME	5
EL 2255	SAME	5
EL 2256	SAME	6
EL 2257	SAME	4
EL 2258	SAME	5
EL 2259	DARK BROWN CLAY	6
EL 2260		6
EL 2261	SAME PLUS ORGANICS	6
EL 2262	SAME	6
EL 2263	ORANGE BROWN CLAY, ORGANICS	5
EL 2264	SAME	7
EL 2265	LIGHT BROWN CLAY, ORGANICS	5
EL 2266	SAME	5
EL 2267	DARK BROWN CLAY, ORGANICS	7
EL 2268	SAME	
EL 2269	DARK BROWN CLAY, ORGANICS	
EL 2270	DARK BROWN CLAY	5
EL 2271	ORANGE BROWN CLAY	5

EL 2272	BROWN CLAY	
EL 2273	LIGHT BROWN CLAY	
EL 2274	SAME	
EL 2275	BROWN CLAY, ORGANICS	
EL 2276	DARK BROWN CLAY, ORGANICS.	
EL 2277	ORANGE BROWN CLAY	
EL 2278	DARK BROWN CLAY, ORGANICS.	
EL 2279	DARK BROWN CLAY	
EL 2280	BROWN CLAY	
EL 2281		
EL 2282	DARK BROWN SOIL	
EL 2283	SAME	
EL 2284	SAME	
EL 2285	BROWN CLAY, ORGANICS	5
EL 2286	SAME	4
EL 2287	LIGHT BROWN CLAY	4
EL 2288	BROWN CLAY PEBBLES	4
EL 2289	BROWN SOIL, ORGANICS	4
EL 2290	BROWN CLAY, ORGANICS, PEBBLES	4
EL 2291	BROWN CLAY	
EL 2292	SAME	
EL 2293		

EL 22 94		
EL 22 95	STREAM NEARBY	
EL 22 96	BROWN PEBBLES AND CLAY	
EL 22 97	ORANGE BROWN CLAY	
EL 22 98	SAME	
EL 22 99	SAME	
EL 2300	SAME	
EL 23 01	SAME	
EL 23 02	SAME	
EL 23 03	SAME	
EL 23 04	BROWN CLAY	
EL 23 05	SAME	
EL 23 06	SAME	
EL 23 07	SAME	
EL 23 08	ORANGE BROWN CLAY	
EL 23 09	BROWN CLAY	
EL 23 10	ORANGE BROWN CLAY	
EL 23 11	SAME	
EL 23 12	LIGHT ORANGE BROWN SOIL	4
EL 23 13	SAME	6
EL 23 14	SAME	6

EL2315	SAME	6
EL2316	DARK BROWN CLAY	6
EL2317	SAME	5
EL2318	SAME	6
EL2319	DARK ORANGE BROWN	5
EL2320	SAME	6
EL2321	SAME	7
EL2322	DARK BROWN SOIL	6
EL2323	SAME	6
EL2324	DARK ORANGE-RED SOIL	6
EL2325		
EL2326		
EL2327	RED BROWN SILT WITH PEBBLES	5
EL2328	BROWN SOIL, ORGANICS	6
EL2329	LIGHT BROWN SOIL, PEBBLES	4
EL2330	RED BROWN SOIL	5
EL2331	LIGHT BROWN SOIL, PEBBLES	7
EL2332	VERY DARK to BLACK SOIL	10
EL2333	BROWN SOIL, PEBBLES	6
EL2334	BROWN SOIL	4
EL2335	SAME	4

EL-2336	BROWN SOIL PLUS PEBBLES	6
EL-2337	LIGHT BROWN CLAY - PEBBLES	5
EL-2338	SAME	5
EL-2339		
EL-2340	LIGHT BROWN SOIL, PEBBLES	
EL-2341	ORANGE BROWN CLAY	
EL-2342	SAME	
EL-2343	Gray Brown clay	
EL-2344		
EL-2345	RED BROWN SOIL - PEBBLES	5
EL-2346	BLACK HUMUS - SOIL	5
EL-2347	LIGHT BROWN SOIL - PEBBLES	6
EL-2348	B ZONE ABSENT, TOOK HUMUS INSTEAD	3
EL-2349	DARK BROWN SOIL, ORGANICS	5
EL-2350	DARK ORANGE-BROWN SOIL	4
EL-2351		
EL-2352	DARK BROWN SOIL	6
EL-2353	SAME	7
EL-2354	BROWN SOIL, ORGANICS	4
EL-2355	SAME	4
-2356	LIGHT BROWN SOIL	5

EL-23 57	SAME	5
EL-23 58	SAME	6
EL-23 59	SAME	5
EL-23 60	DARK BROWN SOIL	6
EL-23 61	GRAY BROWN SOIL	5
EL-23 62	LIGHT BROWN SOIL	4
EL-23 63	BROWN SOIL	5
EL-23 64	LIGHT BROWN SOIL	5
EL-23 65	NOT TAKEN	
EL-23 66		
EL-23 67		
EL-23 68		
EL-23 69	BROWN CLAY	5
EL-23 70	BROWN SOIL, ORGANICS	5
EL-23 71	SAME	5
EL-23 72	SAME	5
EL-23 73	DARK BROWN	4
EL-23 74	BROWN SOIL	4
EL-23 75	BROWN SOIL	4
EL-23 76	LIGHT ORANGE BROWN	5
EL-23 77	SAME	5

EL - 2378	BROWN	4
EL - 2379	DARK BROWN	5
EL - 2380	SAME	5
EL - 2381	SAME	5
EL - 2382	DARK RED	6
EL - 2383	DARK BROW	6
EL - 2384	Brown	
EL - 2385	LIGHT ORANGE BROWN	5
EL - 2386	SAME	6
EL - 2387	BROWN ¾ ORANGE BROWN, GRAY	5
EL - 2388	LIGHT BROWN	5
EL - 2389	LIGHT BROWN	
EL - 2390	LIGHT BROWN, ORGANICS	
EL - 2391	GRAY SILT	
EL - 2392	LIGHT BROWN ORGANICS	
EL - 2393		
EL - 2394	ORANGE BROWN	5
EL - 2395	ORANGE BROWN, SOIL	5
EL - 2396	SAME	5
EL - 2397	SAME	5
EL - 2398	SAME	5

EL - 2399	SAME	5
EL - 2400	SAME	5
EL - 2401	SAME	5
EL - 2402	ORANGE BROWN	4
EL - 2403	LIGHT ORANGE BROWN	5
EL - 2404	DARK BROWN	5
EL - 2405	GRAY	4
EL - 2406	LIGHT BROWN	4
EL - 2407	LIGHT BROWN	5
EL - 2408	SAME	5
EL - 2409	GRAY	5
EL - 2410	BROWN	5
EL - 2411		
EL - 2412	LIGHT BROWN	6
EL - 2413	BR - LIGHT BR	6
EL - 2414	SAME	5
EL - 2415	ORANGE BROWN	6
EL - 2416	SAME	7
EL - 2417	BROWN	6
EL - 2418	BROWN SOIL	4
EL - 2419		

EL - 2420		
EL - 2421		
EL - 2422		
EL - 2423		
EL - 2424	BROWN	5
EL - 2425	BROWN	5
EL - 2426	NOT TAKEN	
EL - 2427	BROWN	5
EL - 2428	BROWN	5
EL - 2429	LIGHT BROWN	5
EL - 2430	BROWN	5
EL - 2431	BROWN	5
EL - 2432	BROWN	5
EL - 2433	BROWN	5
EL - 2434	BROWN	5
EL - 2435		
EL - 2436		
EL - 2437		
EL - 2438	NOT TAKEN	
EL - 2439	NOT TAKEN	
EL - 2440	NOT TAKEN	

EL-2441	NOT TAKEN
EL-2442	BROWN
EL-2443	BROWN
EL-2444	BROWN
EL-2445	BROWN
EL-2446	BROWN
EL-2447	BROWN
EL-2448	VERY RICH IN ORGANICS.
EL-2449	GRAY
EL-2450	NOT TAKEN
EL-2451	
EL-2452	
EL-2453	
EL-2454	
EL-2455	
EL-2456	
EL-2457	
EL-2458	
EL-2459	GRAY
EL-2460	

EL-2461	BROWN
EL-2462	SAME
EL-2463	SAME
EL-2464	SAME
EL-2465	SAME
EL-2466	SAME
EL-2467	SAME
EL-2468	SAME
EL-2469	SAME
EL-2470	S

EL-3018	BROWN SILT AND CLAY	7
EL 3019	DARK BROWN SILT	8
EL 3020	DARK BROWN - RED BROWN SILT WITH PEBBLES	8
EL 3021	DARK BROWN SILT WITH PEBBLES	7
EL 3022	BROWN SILT WITH ORGANICS	8
EL 3023	LIGHT BROWN CLAY WITH RED BROWN SILT	12
EL 3024	BROWN SILT WITH THE SAME CLAY	8
EL 3025	BROWN SILT WITH PEBBLES	9
EL 3026	DARK BROWN SILT WITH ORGANICS	-
EL 3027	GREY BROWN SILT AND CLAY	8
EL 3028	RED BROWN CLAY AND SILT WITH MINOR ORGANICS	10
EL 3029	LIGHT BROWN SILT AND CLAY	11
EL 3030	RED BROWN SILT AND CLAY	5
EL 3031	RED BROWN SILT AND CLAY WITH MINOR ORGANICS	10

EL 3032	LIGHT BROWN CLAY WITH SILT	8
EL 3033	LIGHT BROWN SILT	—
EL 3034	LIGHT BROWN SILT AND CLAY	7
EL 3035	BROWN SILT AND CLAY	7
EL 3036	LIGHT BROWN SILT WITH MINOR CLAY	9
EL 3037	SAME	8
EL 3038	LIGHT BROWN SILT AND CLAY	8
EL 3039	SAME	7
EL 3040	GREY BROWN SILT	9
EL 3041	DARK BROWN SILT AND CLAY WITH ORGANICS	8
EL 3042	LIGHT BROWN CLAY AND SILT	9
EL 3043	BROWN HARD SILT AND CLAY	5
EL 3044	BROWN SILT AND CLAY	8
EL 3045	GREY (YELLOW-BROWN) SILTY CLAY	10
EL 3046	LIGHT BROWN SILT	9
EL 3047	SLIGHTLY GREY CLAY	10
EL 3048	SAME	8
EL 3049	GREY TO LIGHT BROWN SILT AND CLAY	8
EL 3050	LIGHT BROWN SILT AND PEBBLES	8
EL 3051	LIGHT BROWN TO GREY CLAY	7
EL 3052	GREY CLAY	8

EL 3053	LIGHT BROWN CLAY	8
EL 3054	BROWN PEBBLY CLAY WITH ORGANICS	6
EL 3055	SAME	8
EL 3056	SAME	6
EL 3057	SAME	6
EL 3058	BROWN SILT	8
EL 3059	DARK BROWN SILT	8
EL 3060	DARK BROWN SILT	10
EL 3061	DARK BROWN SILT WITH PEBBLES	8
EL 3062	RED BROWN SILT WITH ORGANICS	8
EL 3063	BROWN SILT	10
EL 3064	RED BROWN SILT	10
EL 3065	LIGHT BROWN SILT	8
EL 3066	GREY-BROWN CLAY AND SILT	12
EL 3067	LIGHT BROWN CLAY AND SILT	8
EL 3068	DARK BROWN SILT	8
EL 3069	DARK BROWN - RED BROWN SILT WITH SOME CLAY	8
EL 3070	DARK BROWN SILT	8
EL 3071	RED BROWN SILT	10
EL 3072	SAME	8
EL 3073	GREY BROWN SILT AND CLAY	10

EL3074	RED BROWN SILT	8
EL3075	SAME	8
EL3076	SAME WITH SOME PEBBLES	10
EL3077	DARK BROWN SILT	10
EL3078	LIGHT BROWN - RED BROWN CLAY WITH PEBBLES	8
EL3079	SAME	8
EL3080	GREY BROWN SILT	8
EL3081	LIGHT GREY BROWN CLAY	8
EL3082	RED BROWN SILT	8
EL3083	GREY BROWN CLAY AND SILT	8
EL3084	GREY - LIGHT BROWN CLAY WITH MINOR PEBBLES AND SILT	16
EL3085	LIGHT BROWN SILT WITH SOME PEBBLES	9
EL3086	GREY BROWN RED BROWN CLAY AND SILT	6
EL3087	BROWN SILT WITH PEBBLES	8
EL3088	BROWN CLAY AND SILT WITH PEBBLES	8
EL3089	RED BROWN SILT	7
EL3090	SAME WITH CLAY	6
EL3091	SAME WITHOUT CLAY	8
EL3092	BROWN SILT WITH PEBBLES	9
EL3093	GREY BROWN SILT AND CLAY	8
EL3094	SAME	12

EL3095	BROWN SILT	8
EL3096	BROWN SILT WITH MINOR ORGANICS	9
EL3097	SAME	8
EL3098	BROWN – RED BROWN SILT WITH PEBBLES	7
EL3099	RED BROWN SILT WITH ORGANICS	10
EL3100	SAME	8
EL3101	BROWN – RED BROWN SILT WITH PEBBLES	10
EL3102	RED BROWN SILT WITH PEBBLES	8
EL3103	SAME WITH SOME ORGANICS	10
EL3104	RED BROWN SILT WITH ORGANICS	8
EL3105	RED BROWN SILT WITH PEBBLES	10
EL3106	BROWN SILT WITH ORGANICS	10
EL3107	BROWN SILT	8
EL3108	DARK BROWN – GREY BROWN SILT WITH ORGANICS	8
EL3109	BROWN – GREY BROWN SILT AND CLAY WITH PEBBLES	10
EL3110	RED BROWN SILT	8
EL3111	BROWN SILT WITH PEBBLES	9
EL3112	BROWN SILT	8
EL3113	RED BROWN SILT WITH MINOR CLAY	6
EL3114	BROWN SILT AND CLAY	8
EL3115	GREY BROWN – BROWN SILT WITH PEBBLES	10

EL 3116	BROWN – RED BROWN SILT	8
EL3117	BROWN PEBBLY SILT	8
EL3118	BROWN SILT	7
EL3119	BROWN SILT AND CLAY	8
EL3120	BROWN SILT	9
EL3121	GREY BROWN SILT	8
EL3122	BROWN PEBBLE SILT	7
EL3123	BROWN SILT WITH PEBBLES	10
EL3124	BROWN SILT AND CLAY	11
EL3125	BROWN SILT WITH PEBBLES	9
EL3126	SAME	10
EL3127	GREY BROWN SILT	9
EL3128	GREY BROWN RED BROWN SILT	8
EL3129	BROWN SILT	8
EL3130	SAME WITH CLAY	10
EL3131	BROWN PEBBLY SILT	8
EL3132	SAME WITH MINOR CLAY	10
EL3133	BROWN SILT WITH PEBBLES	9
EL3134	DARK BROWN SILT AND CLAY	8
EL3135	BROWN PEBBLY SILT	8
EL3136	RED BROWN SILT AND CLAY	8

EL 3137	RED BROWN SILT AND CLAY	7
EL3138	BROWN SILT AND CLAY	7
EL3139	RED BROWN SILT WITH MINOR CLAY	8
EL3140	ORANGE SILT	10
EL3141	GREY-BROWN PEBBLY SILT	10
EL3142	BROWN SILT AND CLAY WITH PEBBLES	8
EL3143	SAME	8
EL3144	SAME	10
EL3145	RED BROWN SILT	8
EL3146	GREY BROWN SILT AND CLAY	8
EL3147	GREY BROWN - BROWN SILT AND CLAY	7
EL3148	BROWN SILT	8
EL3149	BROWN SILT MINOR PEBBLE	8
EL3150	SAME	7
EL3151	RED BROWN PEBBLE SILT	8
EL3152	BROWN SILT	10
EL3153	GREY BROWN SILT	7
EL3154	LIGHT BROWN SILT WITH PEBBLES	10
EL3155	GREY BROWN SILT AND CLAY	8
EL 3156	YELLOW BROWN CLAY	10
EL 3157	BROWN SILT WITH PEBBLES	10

EL3158	GREY BROWN SILT WITH PEBBLES	8
EL3159	GREY BROWN TO RED BROWN SILT WITH PEBBLES	12
EL3160	DARK BROWN TO RED BROWN SILT	10
EL3161	GREY BROWN SILT WITH PEBBLES	10
EL3162	SAME	7
EL3163	BROWN SILT	10
EL3164	DARK BROWN SILT WITH MINOR ORGANICS	8
EL3165	GREY BROWN TO BROWN SILT	8
EL3166	GREY BROWN SILT AND CLAY WITH ORGANICS	12
EL3167	GREY BROWN PEBBLY SILT	10
EL3168	BROWN SILT WITH PEBBLES	7
EL3169	FINE RED BROWN TO BROWN SILT	10
EL3170	BROWN PEBBLY SILT	6
EL3171	ORANGE BROWN SILT	10
EL3172	SAME	8
EL3173	GREY BROWN SILT AND CLAY	10
EL3174	BROWN SILT WITH MINOR PEBBLES	6
EL3175	BROWN SILT WITH MINOR PEBBLES	7
EL3176	DARK BROWN SILT WITH PEBBLES	7
EL3177	BROWN SILT WITH PEBBLES	8
EL3178	SAME	8

EL 3179	BROWN SILT	8
EL3180	SAME WITH PEBBLES	8
EL3181	SAME WITH PEBBLES	8
EL3182	SAME WITH PEBBLES	10
EL3183	DARK BROWN SILT	10
EL3184	GREY BROWN SILT WITH PEBBLES	7
EL3185	LIGHT BROWN SILT WITH MINOR CLAY	8
EL3186	BROWN SILT WITH PEBBLES	10
EL3187	LIGHT BROWN SILT AN CLAY	12
EL3188	BRIGHT ORANGE SILT WITH PEBBLES	8
EL3189	BROWN SILT WITH PEBBLES	7
EL3190	BROWN — GREY BROWN SILT AND CLAY WITH PEBBLES	6
EL3191	DARK BROWN SILT	6
EL3192	BROWN SILT WITH PEBBLES	8
EL3193	SAME	8
EL3194	SAME	10
EL3195	DARK BROWN SILT	8
EL3196	BROWN SILT	8
EL3197	GREY BROWN SILT WITH PEBBLES	8
EL3198	DARK BROWN SILT AND CLAY	10
EL3199	BROWN SILT WITH PEBBLES	8

EL3200	BROWN SILT WITH PEBBLES	8
EL3201	LIGHT BROWN SILT AND CLAY	8
EL3202	BROWN SILT WITH PEBBLES	7
EL3203	SAME	6
EL3204	ORANGE BROWN SILT	8
EL3205	BROWN SILT	8
EL3206	SAME	7
EL3207	BROWN SILT WITH PEBBLES	8
EL3208	LIGHT BROWN SILT	9
EL3209	BROWN SILT WITH PEBBLES	8
EL3210	BROWN SILT WITH PEBBLES	8
EL3211	SAME	6
EL3212	SAME	8
EL3213	BROWN SILT	8
EL3214	GREY CLAY WITH ORGANICS	15
EL3215	DARK BROWN SILT WITH ORGANICS	8
EL3216	BROWN SILT	—
EL3217	BROWN CLAY	7
EL3218	LIGHT BROWN PEBBLY SILT	6
EL3219	ORANGE BROWN SILT WITH PEBBLES	7
EL3220	VERY FINE ORANGE BROWN SILT	8

EL 3221	BROWN SILT AND CLAY	7
EL 3222	BROWN CLAY	7
EL 3223	SAME	7
EL 3224	SAME	7
EL 3225	ORANGE BROWN CLAY	8
EL 3226	SAME	7
EL 3227	SAME	8
EL 3228	BROWN CLAY WITH ORGANICS	7
EL 3229	SAME	8
EL 3230	BROWN SILT WITH CLAY AND PEBBLES	8
EL 3231	BROWN CLAY PEBBLY	17
EL 3232	ORANGE SILT	8
EL 3233	ORANGE BROWN SILT	8
EL 3234	SAME	8
EL 3235	fine orange brown silty clay	10
EL 3236	deep orange clay	10
EL 3237	BROWN CLAY - ORGANICS	10
EL 3238	SAME	10
EL 3239	SAME	97
EL 3240	BROWN PEBBLY CLAY	6
EL 3241	ORANGE BROWN CLAY WITH PEBBLES	7

EL 3242	DARK BROWN SILT	7
EL 3243	BROWN SILT	7
EL 3244	YELLOW BROWN CLAY	7
EL 3245	BROWN SILT	6
EL 3246	BROWN PEBBLE SILT	8
EL 3247	SAME	7
EL 3248	FINE BROWN SILT	7
EL 3249	SAME	8
EL 3250	BROWN PEBBLE SILT	8
EL 3251	SAME	7
EL 3252	FINE BROWN SILT	8
EL 3253	SAME	7
EL 3254	BROWN PEBBLE SILT	8
EL 3255	BROWN SILT	8
EL 3256	SAME	9
EL 3257	BROWN-ORANGE BROWN SILT	6
EL 3258	BROWN SILT	7
EL 3259	DK BROWN SILT WITH ORGANICS	6
EL 3260	BROWN SILT	6
EL 3261	DARK BROWN SILT	6
EL 3262	SAME WITH ORGANICS	8

EL 3263	DARK BROWN SILT WITH ORGANICS	8
EL 3264	BROWN PEBBLE SILT	7
EL3265	SAME	7
EL3266	LIGHT BROWN PEBBLE SILT	3
EL3267	BROWN SILT	8
EL3268	FINE ORANGE BROWN SILT	7
EL3269	ORANGE BROWN SILT	10
EL3270	BLACK SILTY MUD.	16
EL3271	BLACK MUD WET ORGANICS	13
EL3272	LIGHT BROWN CLAY SILT PEBBLES	11
EL3273	SAME	9
EL3274	BLACK MUD HIGHLY ORGANICS, ROCKY UNDERNEATH	9
EL3275	RUSTY BROWN SILT SAND AND PEBBLES	9
EL3276	SAME FEW PEBBLES	9
EL3277	GREEN BROWN SILT SAND PEBBLE	10
EL3278	RUSTY BROWN SILT MINOR PEBBLE	10
EL3279	SAME	10
EL3280	SAME	10
EL3281	BLACK MUD HIGHLY ORGANIC	13
EL3282	SAME	13
EL3283	LIGHT RED BROWN CLAY AND SILT	10

EL 3284	LIGHT BROWN CLAY SILT AND PEBBLES	10
EL3285	SAME	10
EL3286	RUSTY BROWN SILT AND PEBBLES	9
EL3287	LIGHT BROWN SILT AND PEBBLES	10
EL3288	RUSTY BROWN SAND SILT AND PEBBLES	10
EL3289	RUSTY BROWN SILT CLAY AND PEBBLES	10
EL3290	LIGHT RED BROWN CLAY SILT PEBBLE	9
EL3291	RUSTY BROWN SAND SILT CLAY AND PEBBLE	8
EL3292	SAME	11
EL3293	SAME	11
EL3294	LIGHT RED BROWN CLAY SILT AND PEBBLES	9
EL3295	BROWN SILT MINOR PEBBLES	8
EL3296	LIGHT BROWN SAND AND GRAVEL	9
EL3297	LIGHT RED BROWN CLAY PEBBLES AND MINOR SILT	9
EL3298	LIGHT RED BROWN CLAY SILT & PEBBLES	9
EL3299	RUSTY BROWN SILT	8
EL3300	SAME WITH PEBBLES	8
EL3301	SAME	6
EL3302	DARK BROWN SILT	8
EL3303	SAME	6
EL3304	RUSTY BROWN SILT WITH PEBBLES	8

EL 3305	DARK BROWN SILT	7
EL 3306	DARK BROWN SILT WITH CLAY AND WITH PEBBLES	8
EL 3307	RUSTY BROWN SILT WITH PEBBLES	7
EL 3308	RUSTY BROWN SILT WITH MANY PEBBLES	6
EL 3309	VERY PEBBLEY DARK BROWN SILT OUTCROP BENEATH	5
EL 3310	DARK BROWN PEBBLE SILT	8
EL 3311	SAME	6
EL 3312	SAME	7
EL 3313	RUSTY BROWN SILT WITH PEBBLES	9
EL 3314	VERY PEBBLY DARK BROWN SILT	7

EL4000	RED BROWN SILT CLAY PEBBLES	9
EL4001	RED BROWN SILT WITH MINOR CLAY AND PEBBLES	11
EL4002	BROWN SILT CLAY WITH MINOR PEBBLES	11
EL4003	RED BROWN SILT AND CLAY WITH PEBBLES	10
EL4004	SAME	10
EL4005	RED BROWN SILT AND CLAY	11
EL4006	SAME	11
EL4007	RUSTY RED BROWN SILT CLAY PEBBLES	12
EL4008	DARK BROWN CLAY AND SILT	11
EL4009	RED BROWN SILT AND CLAY	11
EL4010	BLACK BROWN CLAY SILT WITH ORGANICS	14
EL4011	RED BROWN SILT AND CLAY	9
EL4012	BROWN BLACK CLAY MUD WITH ORGANICS	9
EL4013	LIGHT BROWN SILT MINOR CLAY AND PEBBLES	10
EL4014	RUSTY BROWN SILT AND CLAY	12
EL4015	LIGHT GREY — BROWN CLAY WITH ORGANICS	-
EL4016	LIGHT BROWN CLAY SILT AND PEBBLES	12
EL4017	RED BROWN CLAY SILT AND PEBBLES	11
EL4018	SAME	10
EL4019	SAME	10
EL4020	RED BROWN SILT CLAY AND PEBBLES	9

EL4021	RED BROWN SILT AND CLAY ~~WET~~	13
EL4022	SAME	8
EL4023	LIGHT BROWN CLAY	9
EL4024	RED BROWN SILT AND CLAY	7
EL4025	SAME	13
EL4026	RED BROWN SILT	7
EL4027	SAME	7
EL4028	LIGHT RED BROWN CLAY AND SILT	9
EL4029	RED BROWN SILT	9
EL4030	SAME	7
EL4031	RED BROWN CLAY AND SILT	7
EL4032	RED BROWN SILT	9
EL4033	SAME	9
EL4034	SAME	9
EL4035	RED BROWN SILT AND CLAY	9
EL4036	LIGHT BROWN CLAY	16
EL4037	RED BROWN SILT AND CLAY	9
EL4038	SAME	7
EL4039	RED BROWN SILT	9
EL4040	RED BROWN CLAY AND SILT	8
EL4041	SAME	8

EL4042	RED BROWN SILT	8
EL4043	SAME	8
EL4044	LIGHT BROWN CLAY	8
EL4045	RED BROWN CLAY AND SILT	8
EL4046	RED BROWN SILT SOME ORGANICS	8
EL4047	SAME	8
EL4048	RED BROWN SILT AND PEBBLES	8
EL4049	RED BROWN SILT, CLAY, AND PEBBLES	12
EL4050	RED BROWN SILT AND CLAY	12
EL4051	SAME	12
EL4052	RED BROWN SILT AND PEBBLES	10
EL4053	SAME	10
EL4054	RED BROWN SILT	8
EL4055	SAME WITH ORGANICS	10
EL4056	SAME WITH PEBBLES AND ORGANICS	10
EL4057	RED BROWN SILT AND PEBBLES	12
EL4058	SAME	10
EL4059	SAME	8
EL4060	SAME	8
EL4061	SAME	2
EL4062	SAME	10

EL4063	RED BROWN SILT WITH PEBBLES	12
EL4064	RED BROWN SILT	10
EL4065	SAME	10
EL4066	SAME WITH ORGANICS	-
EL4067	SAME	12
EL4068	SAME	12
EL4069	SAME	12
EL4070	SAME	10
EL4071	SAME WITH PEBBLES	8
EL4072	SAME WITH PEBBLES	8
EL4073	LIGHT BROWN SILT WITH PEBBLES	14
EL4074	RED BROWN SILT AND CLAY	12
EL4075	SAME	8
EL4076	RED BROWN SILT WITH PEBBLES	8
EL4077	RED BROWN SILT	8
EL4078	RED BROWN SILT AND CLAY	8
EL4079	RED BROWN SILT AND PEBBLES	6
EL4080	RED BROWN SILT WITH SOME ORGANICS	7
EL4081	SAME	8
EL4082	SAME	6
EL4083	SAME	6

EL4084	RED BROWN SILT PEBBLES AND ORGANICS	8
EL4085	SAME	5
EL4086	SAME	6
EL4087	LIGHT BROWN – BROWN SILT AND CLAY	10
EL4088	RED BROWN SILT AND PEBBLES.	10
EL4089	RED BROWN SILT AND ORGANICS	7
EL4090	RED BROWN SILT	6
EL4091	SAME WITH PEBBLES	6
EL4092	BROWN SILT WITH ORGANICS	6
EL4093	SAME	6
EL4094	RED BROWN – BROWN CLAY AND SILT WITH PEBBLE	10
EL4095	RED BROWN CLAY SILT AND PEBBLES	6
EL4096	SAME	6
EL4097	BROWN CLAY SILT ROCKY	6
EL4098	RED BROWN SILT AND ORGANICS	6
EL4099	SAME	6
EL4100	RED BROWN SILT CLAY ROCKS	8
EL4101	SAME	5
EL4102	BROWN SILT CLAY PEBBLES	5
EL4103	RED BROWN SILT AND PEBBLES	8
EL4104	SAME	6

EL4105	RED BROWN SILT AND PEBBLES	6
EL4106	SAME	3
EL4107	BROWN SILT STONY	8
EL4108	RED BROWN SILT STONES AND ORGANICS	10
EL4109	SAME	8
EL4110	SAME	8
EL4111	SAME	8
EL4112	RED BROWN SILT, PEBBLES	3
EL4113	BROWN SILT CLAY, STONY	8
EL4114	SAME	3
EL4115	RED BROWN SILT WITH PEBBLES AND ORGANICS	8
EL4116	SAME	8
EL4117	SAME	10
EL4118	RED BROWN SILT AND PEBBLES	10
EL4119	RED BROWN SILT PEBBLES	8
EL4120	SAME	3
EL4121	RED BROWN SILT	8
EL4122	RED BROWN SILT AND PEBBLES	10
EL4123	RED BROWN SILT	8
EL4124	SAME	8
EL4125	SAME	8

EL4126	RED BROWN SILT WITH PEBBLES	8
EL4127	SAME	14
EL4128	SAME	8
EL4129	SAME ROCKY	10
EL4130	SAME ROCKY	10
EL4131	SAME WITH ORGANICS	10
EL4132	RED BROWN SILT STONY	10
EL4133	RED BROWN SILT WITH ORGANICS	8
EL4134	SAME	8
EL4135	SAME WITH PEBBLES	8
EL4136	RED BROWN SILT, ORGANICS ROCKY	10
EL4137	SAME	10
EL4138	SAME	8
EL4139	RED BROWN SILT VERY ROCKY	6
EL4140	SAME	8
EL4141	SAME	8
EL4142	SAME	3
EL4143	SAME	8
EL4144	SAME VERY ROCKY	8
EL4145	~~SAME~~ RED BROWN - BROWN SILT VERY ROCKY	16
EL4146	SAME	10

EL4147	RED BROWN - BROWN SILT VERY ROCKY	10
EL4148	RED BROWN SILT FROM GRAVEL PILE WITH PEBBLES	6
EL4149	RED BROWN SILT WITH PEBBLES AND ORGANICS	6
EL4150	SAME	6
EL4151	RED BROWN SILT SAND AND PEBBLES	6
EL4152	BROWN SILT WITH PEBBLES AND ORGANICS	6
EL4153	SAME	6
EL4154	DARK BROWN CLAY with PEBBLES AND MINOR ORGANICS	8
EL4155	RED BROWN SILT MINOR CLAY AND ORGANICS	8
EL4156	RED BROWN SILT CLAY PEBBLES AND ORGANICS	8
4157	SAME	8
EL4158	RED BROWN SILT CLAY WITH PEBBLES	8
EL4159	RED BROWN SILT WITH PEBBLES	8
EL4160	RED BROWN CLAY, PEBBLES AND ORGANICS	8
EL4161	DARK BROWN CLAY WITH ORGANICS	8
EL4162	DARK BROWN RED BROWN SILT CLAY WITH PEBBLES AND ORGANICS	8
EL4163	RED BROWN SILT	10
EL4164	BROWN SILT PEBBLES AND CLAY VERY ROCKY (GRANITIC)	10
EL4165	BROWN CLAY WITH PEBBLES AND ORGANICS	10
EL4166	RED BROWN CLAY WITH PEBBLES	10
EL4167	DARK BROWN SILT CLAY, VERY ROCKY (GRANITIC)	8

EL4168	RED BROWN SILT, ROCKY	8
EL4169	RED BROWN SILT WITH ORGANICS	8
EL4170	RED BROWN — DARK BROWN SILT PEBBLES AND ORGANICS	8
EL4171	RED BROWN SILT WITH PEBBLES	8
EL4172	DARK BROWN SILT WITH ORGANICS	12
EL4173	RED BROWN SILT WITH ORGANICS	12
EL4174	SAME	12
EL4175	RED BROWN SILT WITH MINOR PEBBLES	10
EL4176	RED BROWN SILT	10
EL4177	SAME	10
EL4178	RED BROWN SILT AND CLAY	5
EL4179	DARK BROWN SILT CLAY WITH ORGANICS	8
EL4180	RED BROWN SILT PEBBLES AND ORGANICS	8
EL4181	DARK BROWN RED BROWN SILT AND PEBBLES	6
EL4182	DARK BROWN BLACK SILT CLAY	12
EL4183	RED BROWN SILT ROCKY	12
EL4184	SAME	12
EL4185	DARK RED BROWN SILT ROCKY	8
EL4186	DARK BROWN GREY SILT CLAY ROCKY	8
EL4187	DARK BROWN SILT CLAY	8
EL4188	RED BROWN SILT PEBBLES AND ORGANICS ROCKY	8

EL 4189	RED BROWN DARK BROWN SILT PEBBLES WITH ORGANICS	8
EL4190	RED BROWN SILT, GRANITE CHIPS + ORGANICS	2
EL 4191	RED BROWN SILT	6
EL4192	RED BROWN SILT WITH PEBBLES CLAY	8
EL4193	RED BROWN CLAY PEBBLES	6
EL4194	RED BROWN SILT WITH CLAY	6
EL4195	RED BROWN CLAY	6
EL4196	RED BROWN DARK BROWN SILT CLAY	6
EL4197	RED BROWN SILT	6
EL4198	SAME WITH PEBBLES	5
4199	RED BROWN SILT WITH PEBBLES	6
EL4200	RED BROWN SILT WITH ORGANICS	6
EL4201	SAME WITH MINOR PEBBLES	2
EL4202	BROWN SILTY GRAVEL	2
EL4203	RED BROWN SILT WITH ORGANICS	5
EL4204	RED BROWN SILT AND PEBBLES	6
EL4205	RED BROWN CLAY WITH SILT AND PEBBLES	4
EL4206	RED BROWN SILT MINOR PEBBLES	6
4207	SAME	6
EL4208	RED BROWN SILT WITH PEBBLES AND ORGANICS	6
EL4209	RED BROWN SILT WITH ORGANICS	8

EL4210	LIGHT BROWN CLAY AND SILT	6
EL4211	RED BROWN SILT AND ORGANICS	7
EL4212	RED BROWN SILT WITH PEBBLES	6
EL4213	RED BROWN SILT & PEBBLES	6
EL4214	RED BROWN SILT AND PEBBLES	4
EL4215	RED BROWN – BROWN CLAY & MUD	8
EL4216	RED BROWN SILT WITH ORGANICS	4
EL4217	BROWN CLAY WITH SILT AND ORGANICS	6
EL4218	RED BROWN SILT WITH MINOR PEBBLES	6
EL4219	RED BROWN SILT WITH ORGANICS	8
EL4220	RED BROWN SILT	6
EL4221	RED BROWN SILT	6
EL4222	SAME WITH PEBBLES AND ORGANICS	6
EL4223	RED BROWN SILT WITH ORGANICS	6
EL4224	SAME	8
EL4225	RED BROWN SILT	6
EL4226	RED BROWN SILT CLAY WITH MINOR PEBBLES	8
EL4227	RED BROWN SILT WITH ORGANICS	3
EL4228	RED BROWN SILT WITH PEBBLES	6
EL4229	RED BROWN SILT	6
EL4230	DARK BROWN CLAY SILT WITH ORGANICS	6

EL4231	RED BROWN SILT WITH ORGANICS	6
EL4232	RED BROWN SILT	8
EL4233	DARK BROWN SILT AND ORGANICS	8
EL4234	RED BROWN — DARK BROWN SILT WITH PEBBLES AND ORGANICS	6
EL4235	RED BROWN SILT AND ORGANICS WITH PEBBLES	6
EL4236	RED BROWN SILT AND PEBBLES	6
EL4237	DARK BROWN SILT	3
EL4238	RED BROWN SILT	6
EL4239	SAME	6
EL4240	SAME — STONY	4
EL4241	SAME	6
EL4242	SAME WITH ORGANICS	6
EL4243	SAME WITH MINOR PEBBLES	6
EL4244	RED BROWN SILT	4
EL4245	RED BROWN SILT WITH CLAY AND PEBBLES	6
EL4246	RED BROWN SILT	6
EL4247	SAME WITH ORGANICS	6
EL4248	RED BROWN - DARK BROWN SILT AND CLAY	8
EL4249	DK BROWN VERY ROCKY	8
EL4250	RED BROWN SILT AND ORGANICS	8
EL4251	RED BROWN - DARK BROWN SILT WITH ORGANICS	6

EL4252	LIGHT BROWN SILT AND CLAY	10
EL4253	RED BROWN SILT WITH MINOR CLAY AND ORGANICS	8
EL4254	RED BROWN SILT	6
EL4255	RED BROWN SILT WITH MINOR PEBBLES AND ORGANICS	8
EL4256	RED BROWN - DARK BROWN SILT AND CLAY VERY ROCKY	6
EL4257	RED BROWN SILT AND CLAY WITH ORGANICS	10
EL4258	RED BROWN SILT AND PEBBLES WITH ORGANICS	10
EL4259	RED BROWN - BROWN SILT WITH MINOR PEBBLES	4
EL4260	RED BROWN SILT	4
EL4261	SAME WITH ORGANICS	4
EL4262	RED BROWN - GREY SILT	6
EL4263	DARK BROWN SILT	8
EL4264	RED BROWN SILT WITH ORGANICS	6
EL4265	SAME	6
EL4266	RED BROWN SILT	6
EL4267	SAME	4
EL4268	DARK BROWN SILT AND CLAY WITH ORGANICS	8
EL4269	DARL BROWN SILT AND ORGANICS	8
EL4270	RED BROWN SILT AND CLAY WITH ORGANICS	8
EL4271	RED BROWN CLAY WITH MINOR SILT AND ORGANICS	6
EL4272	RED BROWN CLAY WITH SILT AND ORGANICS	6

EL4273	RED BROWN CLAY	C
EL4274	DARK BROWN SILT AND CLAY WITH ORGANICS	8
EL4275	RED BROWN SILT	6
EL4276	RED BROWN SILT WITH ORGANICS	4
EL4277	RED BROWN SILT WITH ALOT OF MINOR PEBBLES	4
EL4278	RED BROWN - BROWN SILT	8
EL4279	~~RED BROWN~~ LIGHT BROWN CLAY WITH PEBBLES	6
EL4280	SAME	6
EL4281	SAME WITH CLAY AND ORGANICS	6
EL4282	SAME WITH ORGANICS	8
EL4283	RED BROWN - BROWN SILT WITH ORGANICS	6
EL4284	RED BROWN SILT WITH ORGANICS	6
EL4285	RED BROWN SILT	6
EL4286	LIGHT RED BROWN SILT AND CLAY	8
EL4287	SAME	8
EL4288	SAME WITH ORGANICS	8
EL4289	LIGHT BROWN CLAY WITH MINOR ORGANICS AND PEBBLES	10
EL4290	BROWN SILT AND CLAY WITH MINOR PEBBLES	8
EL4291	SAME	10
EL4292	GRAVELLY CLAY WITH MINOR CLAY	10

EL 4293	RED BROWN SILT AND CLAY WITH PEBBLES	8
EL 4294	RED BROWN CLAY WITH PEBBLES	10
EL4295	RED BROWN SILT CLAY, WITH PEBBLES AND ORGANICS	10
EL4296	LIGHT RED BROWN SILT AND CLAY WITH PEBBLES	10
EL4297	RED BROWN CLAY WITH PEBBLES AND MINOR ORGANICS	10
EL4298	SAME	10
EL 4299	SAME	12
EL4300	RED BROWN SILT AND CLAY	10
EL4301	RED BROWN CLAY AND SILT WITH MINOR PEBBLES	10
EL4302	DARK RED BROWN GRAVEL AND CLAY	10
EL4303	DARK RED BROWN CLAY WITH PEBBLES	10
EL4304	DARK RED BROWN WITH MINOR PEBBLES	8
EL4305	RED BROWN GRAVEL, CLAY AND SAND	10
EL4306	SAME WITH NO SAND	10
EL4307	~~LIGHT BROWN~~ – DARK ~~RED~~ BROWN CLAY SILT WITH ~~MINOR~~ PEBBLES	10
EL4308	LIGHT BROWN WITH DARK RED BROWN CLAY SILT AND MINOR PEBBLES	8
EL4309	LIGHT RED BROWN SILT AND CLAY WITH PEBBLES	8
EL4310	LIGHT RED BROWN SILT CLAY	10
EL4311	BROWN SILTY CLAY	6
EL4312	BROWN SILTY CLAY WITH MINOR PEBBLES	6
EL4313	SAME	7

EL4314	BROWN SILTY CLAY WITH MANY PEBBLES	6
EL4315	SAME	6
EL4316	ORANGE-BROWN SILTY CLAY WITH PEBBLES	5
EL4317	BROWN SILTY CLAY WITH PEBBLES	7
EL4318	ORANGE-BROWN FINE SILTY CLAY	5
EL4319	BROWN SILT WITH PEBBLES	6
EL4320	SAME, WET	6
EL4321	DARK BROWN SILT WITH PEBBLES	7
EL4322	BROWN SILTY CLAY WITH PEBBLES	8
EL4323	SAME	7
EL4324	ORANGE-BROWN SILTY CLAY WITH PEBBLES	8
EL4325	SAME	6
EL4326	ORANGE-BROWN SILTY CLAY	6
EL4327	DARK RED BROWN GRAVEL AND CLAY	10
EL4328	SAME	10
EL4329		
EL4330		
EL4331	RED BROWN CLAY AND SILT	8
EL4332	RED BROWN SILT WITH ORGANICS	8
EL4353	LIGHT RED BROWN CLAY WITH SILT	8
EL4354	LIGHT BROWN CLAY WITH ORGANICS	10

EL 4335	LIGHT BROWN GREY CLAY WITH SILT	10
EL4336	RED BROWN SILT WITH CLAY AND MINOR ORGANICS	8
EL4337	RED BROWN SILT WITH ORGANICS	6
EL4338	DARK BROWN SILT WITH ORGANICS	12
EL4339	LIGHT BROWN CLAY	12
EL4340	LIGHT BROWN GREY CLAY	12
EL4341	RED BROWN CLAY WITH PEBBLES	10
EL4342	RED BROWN CLAY WITH SILT	8
EL4343	RED BROWN SILT & CLAY	6
EL4344	DARK BROWN SILT WITH ORGANICS	12
4345	RED BROWN - ORANGE SILT AND ORGANICS	6
EL4346		
EL4347	RED BROWN SILT	8
EL4348	RED BROWN CLAY WITH SILT AND ORGANICS	8
EL4349	LIGHT BROWN CLAY WITH SILT	8
EL4350	RED BROWN SILT WITH PEBBLES AND ORGANICS	6
EL4351	LIGHT RED BROWN SILT AND CLAY	8
EL4352	SAME	8
4353	BRIGHT RED BROWN SILT	7
EL4354	SAME	10
EL4355	RED BROWN SILT AND CLAY WITH MINOR ORGANICS	10

EL4356	BRIGHT RED BROWN SILT WITH MINOR CLAY AND ORGANICS	8
EL4357	BROWN SILT WITH MINOR CLAY AND ORGANICS	10
EL4358	SAME	10
EL4359	RED BROWN SILT AND CLAY	10
EL4360	BRIGHT RED BROWN SILT WITH MINOR CLAY AND ORGANICS	10
EL4361	SAME	10
EL4362	RED BROWN SILT CLAY WITH MINOR ORGANICS	10
EL4363	RED BROWN CLAY WITH MINOR LEACHING AND SILT	12"
EL4364	RED BROWN CLAY	8
EL4365	LIGHT RED BROWN COMPACTED CLAY	6
EL4366	RED BROWN CLAY WITH MINOR SILT	8"
EL4367	SAME WITH ORGANICS	12
EL4368	RED BROWN SILT AND CLAY WITH MINOR ORGANICS	10
EL4369	DEEP RED BROWN SILT CLAY	10
EL4370	SAME	10
EL4371	RED BROWN CLAY WITH MINOR PEBBLES AND ORGANICS	10
EL4372	BRIGHT RED SILT WITH MINOR ORGANICS	10
EL4373	DARK RED BROWN - BROWN SILT CLAY WITH MINOR LEACHING	10
EL4374	BRIGHT RED BROWN SILT CLAY WITH ORGANICS	10
EL4375	LIGHT RED BROWN WITH BROWN CLAY WITH MINOR SILT AND ORGANICS	8
EL4376	RED BROWN CLAY WITH MINOR ORGANICS	8

EL4377	RED BROWN CLAY WITH MINOR ORGANICS	8
EL4378	SAME WITH PEBBLES	10
EL4379	DARK BROWN CLAY MINOR SILT AND PEBBLES	3
EL4380	BRIGHT RED BROWN SILT AND CLAY	8
EL4381	SAME	8
EL4382	DARK BROWN CLAY MINOR SILT ORGANICS AND PEBBLES	10
EL4383	RED BROWN SILT	10
EL4384	RED BROWN CLAY	10
EL4385	SAME	10
EL4386	SAME WITH MINOR ORGANICS	8
EL4387	SAME WITH MINOR ORGANICS	3
EL4388	SAME	10
EL4389	SAME	10
EL4390	SAME WITH PEBBLES	7
EL4391	SAME	7
EL4392	SAME WITH PEBBLES AND ORGANICS	8
EL4393	SAME WITH PEBBLES	8
EL4394	RED BROWN SILT CLAY WITH MINOR ORGANICS	8
EL4395		
EL4396		
EL4397		

WATER SAMPLES - EARLTOWN

SAMPLE Nº	ANALYSIS	DESCRIPTION
EW-1000		STREAM CLEAR, MODERATELY MOVING. 18" WIDE.
EW-1001		STREAM IS 3 FEET WIDE, DOWNSTREAM OF HIGHWAY. IT HAS ROCKY BOTTOM WITH FAST MOVING WATER.
EW-1002		CLEAR AND FAST
EW-1003		CLEAR AND TURBULENT
EW-1004		CONFLUENCE
— o —		
EW-3000		CLEAR, SLOW MOVING.
EW-3001		CLEAR, STREAM IS 12 FEET WIDE AND 1 TO 2 FEET DEEP
EW-3002		CLEAR
EW-3003		CLEAR
EW-3004		CLEAR
— o —		
EW-1005		SMALL STREAM. 1 FOOT WIDE CLEAR FAST WATER
EW-1006		SAME, EXCEPT ~ 2 FEET WIDE
EW-1007		STREAM, MODERATELY FAST, RUNNING SOUTH

EW-1008	SMALL STREAM ~ 1 FOOT WIDE, SLOW
EW-1009	STREAM IN FIELD ~ 5 FEET WIDE FAST WATER
EW-1010	STREAM; 5 FEET WIDE
EW-1011	BRANCH OF ABOVE STREAM.

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EW-4000	STREAM 20 Ft WIDE, FAST RUNNING, CLEAR, 1 Ft deep.
EW-4001	SMALL BROOK, 1 Ft WIDE, 1 to 2 INCHES DEEP. MUDDY.
EW-4002	STREAM 2 FEET WIDE, 6 INCHES DEEP, FAST RUNNING.
EW-4003	STREAM, 1 FOOT ACROSS, 2 INCHES DEEP.
EW-4004	STREAM 5 Ft WIDE 1 FOOT DEEP
EW-4005	STREAM 2 Ft WIDE 2 INCHES DEEP. FAST FLOWING, CLEAR.
EW-4006	3 FEET WIDE, 1 FOOT DEEP STREAM.
EW-4007	BROOK 1 Ft ACROSS 2 INCHES DEEP.
EW-4008	STREAM 5 FEET WIDE 2 INCHES DEEP. SLOW RUNNING.
EW-4009	STREAM 2 FEET WIDE 3 INCHES DEEP, FAST RUNNING, ROCKY.
EW-4010	RIVER 10 Ft WIDE 1 FOOT DEEP. A LOT OF RED GRANITE FLOAT. FAST FLOWING.
EW-4011	RIVER 15 FEET WIDE, 1 FOOT DEEP. FAST FLOWING.
EW-4012	STREAM 5 FEET WIDE, 6 INCHES DEEP, SLOW MOVING, CLEAR.
EW-4013	BROOK 2 Ft WIDE, 2 INCHES DEEP, SLOW RUNNING.

EW-4014 BROOK 2 FEET WIDE, 3 INCHES DEEP.

EW-4015 BROOK 5 FEET WIDE, 6 INCHES DEEP. CLEAR, FAST RUNNING.

EW-4016 STREAM 2 FEET WIDE, 3 INCHES DEEP.

EW-2000 CLEAR STREAM, FAST RUNNING, 2 YARDS ACROSS, 1 to 2 FEET DEEP

EW-2001 1 FOOT WIDE, 2 INCHES DEEP, MODERATELY MOVING STREAM.

EW-2002 CLEAR STREAM, 2 FEET ACROSS, 3 INCHES DEEP, MODERATELY MOVING.

EW-2003 1 YARD WIDE, 2 INCHES DEEP, MODERATELY RUNNING.

EW-2004 STREAM IN MIDDLE OF SWAMP. ~3 FEET DEEP & 2 FEET WIDE. VERY SLOW MOVING.

EW-2005 FAST FLOWING STREAM, 2 FEET WIDE, 6 INCHES DEEP.

EW-2006 3 Ft WIDE, 6 INCHES DEEP STREAM. FAST MOVING.

EW-2007 SAME, BUT MODERATELY MOVING.

EW-2008 VERY SMALL AND SLOW MOVING STREAM.

EW-2009 4 Ft WIDE, 3 INCHES DEEP, VERY ROCKY

EW-2010 3 Ft WIDE, 6" DEEP STREAM.

EW-2011 5 Ft WIDE, 1 Ft DEEP, FAST MOVING

EW-2012

EW-2013 15 Ft WIDE, 1/2 to 1 Ft DEEP. RELATIVELY FAST MOVING

EW-2014

EW-2015

EW-2016

EW-2017 1 to 1½ Ft ~~Deep~~ WIDE, 2 INCHES DEEP

EW-2018 2½ Ft WIDE, 6 INCHES DEEP. CLEAR STREAM.

EW-2019

EW-2020 4 FEET WIDE, 7 INCHES DEEP.

EW-2021 SMALL STREAM

EW-2022

EW-2023 3 Ft WIDE, 6 INCHES DEEP STREAM. FAST MOVING.

EW-2024

EW-2025

EW-2026 2Ft ~~DEEP~~ WIDE, 6 INCHES DEEP - FAST MOVING.
ANDESITE AND GRANITE BOULDERS.

EW-2027 5 Ft WIDE, 6 INCHES DEEP; FAST MOVING.

EW-2028 3 Ft WIDE, 7 INCHES DEEP. FAST MOVING.

WELL WATER SAMPLES — EARLTOWN

— ENCIRCLED NUMBER IS A CODE NUMBER.

SAMPLE Nº	ANALYSIS	LOCATION	DEPTH OF WELL (FEET)
EWL 4000		FARM ON 311 HIGHWAY MR. L. BURRIS ①	
EWL 4001		HOUSE NEXT TO BALFRON CEMENTERY ②	
EWL 4002		HOUSE ON 311 HIGHWAY ON RIGHT, SPRING WATER ③	
EWL 4003		FARM ON 311 HIGHWAY ON LEFT. ④	
EWL 4004		NEW HOUSE ON 311 HIGHWAY ON RIGHT, MR. BAILLEY ⑤	
EWL 4005		FIRST NEW HOUSE AFTER BRIDGE ON RIGHT ⑥	
EWL 4006		SECOND NEW HOUSE AFTER BRIDGE ON RIGHT. Mr. SUTHERLAND. ⑦	
EWL 4007		HOUSE ON 311 HIGHWAY ON RIGHT, Mr. COLBURN. ⑧	
EWL 4008		HOUSE ON RIGHT SIDE OF 311 HIGHWAY — WELL WATER ⑪	60
EWL 4009		EARLTOWN — NEW HOUSE AT CORNER, BLACK AND WHITE COLOR. MR. TATRIE ⑨	
EWL 4010		FARM ON RIGHT SIDE OF 311 HIGHWAY — SPRING WATER ⑩	
EWL 4011		NEXT HOUSE ON LEFT SIDE OF 311 HIGHWAY. ⑫	

EWL 4012 — FARM ON LEFT SIDE OF HIGHWAY 311. MRS. HOWARD MURRAY (13) — 104

EWL 4013 — IMPERIAL GAS STORE ON LEFT SIDE OF HIGHWAY 311. (14)

EWL 4014 — WHITE HOUSE, BLUE TRIM ON LEFT SIDE OF ROAD NEXT TO STORE. WELL WATER. (15) — 96

EWL 4015 — WHITE HOUSE, BLACK ROOF ON LEFT SIDE OF HIGHWAY 311. (16)

EWL 4016 — BROWN HOUSE ON LEFT SIDE OF HIGHWAY 326, TO BRULE NEXT TO CHURCH. (17)

EWL 4017 — WHITE HOUSE ON RIGHT SIDE OF HIGHWAY 326 — 80

EWL 4018 — WHITE HOUSE UP A DRIVEWAY ON RIGHT SIDE OF HIGHWAY 326.

EWL 4019 — NEW WOODEN HOUSE UP A DRIVEWAY ON LEFT SIDE OF HIGHWAY 326 (20)

EWL 4020 — WHITE HOUSE UP A DRIVEWAY. SPRING WATER (21)

EWL 4021 — FARM ON HIGHWAY 326. MRS MACKAY. WELL WATER. (22)

EWL 4022 — SPRING WATER, WHITE HOUSE ON SIDE ROAD RIGHT OF HIGHWAY 326. (23)

EWL 4023 — MURPHY FARM... SPRING WATER (24)

EWL 4024 — FARM ON LEFT SIDE OF HIGHWAY 326. R. MURDOCH

EWL 40 25 — SPRING WATER ON FARM ON LEFT SIDE OF HIGHWAY 326. Mr. MACKENZIE. (26)

EWL 40 26 — LITTLE WHITE HOUSE ON LEFT SIDE OF HIGHWAY 326. (27) ARTHUR L. LYNDS.

EWL 40 27 — TRAILER AND HOUSE TOGETHER. NORTH EARLTOWN, SPRING WATER. H.W. LYNDS (28)

EWL 40 28 — WELL WATER. FARM ON STEWARTS ROAD. (29)

EWL 40 29 — EAST EARLTOWN. AT CORNER. SPRING WATER. Mrs. REX MINGO (30)

EWL 40 30 — CENTURY FARM IN EAST EARLTOWN SPRING. (31) 14

EWL 40 31 — CENTURY FARM IN EAST EARLTOWN WELL. (31) 100

EWL 40 32 — HOUSE ON LEFT OF HIGHWAY 326. WELL WATER. MRS. MATHESON. (32)

EWL 40 33 — NEW BROWN HOUSE. WELL WATER (?). LLOYD MATHESON. (33)

EWL 40 34 — WINDY ACRES FARM ON LEFT SIDE OF ROAD 326. WELL WATER. (34)

EWL 40 35 — FARM ON LEFT SIDE OF HIGHWAY 326. WELL WATER. (35)

EWL 40 36 — FARM OFF EAST EARLTOWN RD. WELL WATER. (36)

EWL 40 37 — HOUSE ON RIGHT SIDE OF EARLTOWN Rd. WELL WATER.

EWL 4038 FARM ON BALMORAL ROAD.
WELL. (38)

EWL 4039 FARM ON BALMORAL ROAD.
WELL (39)

EWL 4040 HOUSE ON BALMORAL ROAD.
WELL. (40)

EWL 4041 FARM ON BALMORAL ROAD.
SPRING. (41)

EWL 4042 NEW HOUSE ON HIGHWAY 311.
RIGHT SIDE. BORED WELL WITH
COPPER PIPES. (42)

EWL 4043 WHITE HOUSE, BLACK TRIM, M
INSIGNIA, SPRING WATER. (43)
Mr. A.L. Mc Nutt. NUTTBY.

EWL 4044 WHITE HOUSE, BLUE GABLE, UP SIDE
ROAD, FROM 311. NUTTBY, SPRING WATER. (44)

EWL 4045 WHITE HOUSE NEXT TO BRIDGE ON RIGHT SIDE
OF HIGHWAY 311. SPRING WATER. (45)

EWL 4046 NEW HOUSE, WHITE COLOR, ON LEFT SIDE
OF HIGHWAY 311. WELL. Mr. N.C. Mc Nutt.
(46)

EWL 4047 GREEN AND WHITE TRAILER. SPRING WATER
ON NUTTBY Rd. (47)

EWL 4048 WELL WATER ON OLD NUTTBY Rd. (48)

EWL 4049 NEW WHITE HOUSE ON LEFT SIDE OF HWY 311, IN
NUTTBY. HAVE A WATER SOFTENER WELL.

EWL 4050 FARM ON RIGHT SIDE OF HWY 311.
SPRING.

EWL-4051 WHITE HOUSE ON RIGHT SIDE of Hwy 311. WELL WATER. (51)

EWL-4052 PINK HOUSE ON RIGHT SIDE OF HWY 311. WELL WATER. (52)

EWL-4053 WHITE HOUSE ON RIGHT SIDE OF HWY 311. WELL WATER. (53)

EWL-4054 WHITE AND GREEN HOUSE ON LEFT SIDE OF HWY 311. WELL WATER. (54)

EWL-4055 WHITE HOUSE BLACK TRIM ON LEFT SIDE OF HWY 311. WELL WATER. W. L. McNUTT. (55).

EWL-4056 BROWN AND CREAM TRAILER ON RIGHT SIDE OF HWY 311. WELL WATER. Mr. A.M. LYND. (56)

EWL-4057 FARM ON RIGHT SIDE OF Hwy 311. WELL WATER. M. H. Mc GILL. (57)

EWL-4058 RED HOUSE ON LEFT SIDE of HWY 311, AT SUMMIT; FROM STREAM NEARBY. (58)

EWL-4059 FARM. RED TRIM, ON KEMPTOWN Rd. SPRING. (59)

EWL-4060 HOUSE ON TAYLOR Rd. SPRING. (60)

EWL-4061 FARM ON SCOTSBURN Rd 256, UP A DRIVEWAY. (61)

EWL-4062 FARM ON SCOTS BURN Rd 256. OPPOSITE COLLEGE GRANT Rd. Mr. MACLEAN. (62)

EWL-4063 HOUSE ON COLLEGE GRANT Rd. WELL. H. O'BRIEN

EWL-4064 FARM ON COLLEGE GRANT Rd. (64)

EWL-4065 NEW HOUSE ON KEMPTOWN ROAD. WELL WATER. (65)

EWL-4066 RED CABIN BY LAKE ON KEMPTOWN Rd. WELL WATER. (66).

EWL-4067 TRAILER BROWN AND WHITE ON KEMPTOWN Rd.

EWL-4068 FARM ON KEMPTOWN Rd. WHITE AND BLUE TRIM. WELL WATER. (68)

EWL-4069 NEW YELLOW HOUSE ON HIGHWAY 311. (69)

EWL-4070 FARM ON Hwy 256. WILLIAM McKAY Rd. WELL WATER (70) 85

EWL-4071 FARM ON GLEN Rd, SOUTH LOGANVILLE, SPRING WATER.

EWL-4072 HOUSE ON RIVER JOHN, STREAM ON THE GLEN Rd. SOUTH LOGANVILLE.

EWL-4073

EWL-4074

EWL-4075

EWL-4076

Sample #	Description	Sample Depth
6000	Red Brown silty some sand	10"
EL 6001	brown silty	10"
EL 6002	brown grey, silty some (minor) clay	10"
EL 6003	brown silty	10"
EL 6004	red brown silty	10"
EL 6004 S	brown silty	10"
EL 6006	red brown silty	10"
EL 6007	brown silty	10"
EL 6008	brown - silty - rocky minor clay.	10"
EL 6009	brown - silty - rocky	10"
EL 6010	brown - silty - rocky	10"
EL 6011	brown silty	10"
EL 6012	brown - silty - rocky	10"
EL 6013	brown - silty - rocky	10"
EL 6014	brown - clay dominate.	10"
EL 6015	brown - silty.	10"
EL 6016	brown - silty	10"
EL 6017	red brown - silty	10"
EL 6018	brown - silty	10"

Sample No.	Description	Sample Depth.
EL 6019	brown - clay dominate	12"
EL 6020	dark brown - silty - old creek channel	16"
EL 6021	brown - minor clay. silty	10"
EL 6022	dark brown - clay dominate.	12"
EL 6023	brown - silty - minor organic	10"
EL 6024	light brown - silty	10"
EL 6025	brown - silty	10"
EL 6026	brown - silty	10"
EL 6027	brown - silty	10"
EL 6028	brown - silty	10"
EL 6029	dark brown - silty - minor clay	10"
EL 6030	red brown - silty	10"
EL 6031	brown - silty	10"
EL 6032	~~dark~~ red brown - ~~minor clay~~ silty	10"
EL 6033	dark brown - minor clay	10"
EL 6034	orange brown - silty	10"
EL 6035	brown - silty	10"
EL 6036	red brown - silty	10"
EL 6037	brown - silty	10"
EL 6038	brown - silty - rocky	10"

Sample No.	Description	Sample Depth
EL 6039	brown - silty	10"
EL 6040	red brown - silty	10"
EL 6041	brown - silty	10"
EL 6042	brown - silty	10"
EL 6043	red brown - silty	10"
EL 6044	brown - silty	10"
EL 6045	brown - silty	10"
EL 6046	brown - silty	10"
EL 6047	brown - silty	10"
EL 6048	brown - silty - rocky	10"
EL 6049	brown - silty - rocky	10"
EL 6050	brown - grey - minor clay	10"
EL 6051	brown-grey - silty - minor clay	10"
EL 6052	brown - silty	10"
EL 6053	brown - silty	10"
EL 6054	brown - silty	10"
EL 6055	orangebrown - silty	10"
EL 6056	brown - silty	10"
EL 6057	brown - silty	10"
EL 6058	brown - silty	10"

Sample No.	Description	Sample Depth.
EL 6059	brown - silty	10"
EL 6060	brown - silty	10"
EL 6061	brown - silty	10"
EL 6062	orange brown - silty	10"
EL 6063	brown - silty	10"
EL 6064	dark brown - silty	10"
EL 6065	brown - silty - rocky	10"
EL 6066	dark brown - minor clay - silty	10"
EL 6067	brown - silty - rocky	10"
EL 6068	dark brown - silty - rocky	10"
EL 6069	brown - silty - rocky	10"
EL 6070	brown - silty - rocky	10"
EL 6071	brown - silty - rocky	10"
EL 6072	brown - silty - minor clay	12"
EL 6073	brown - silty	10"
EL 6074	orange brown - silty	12"
EL 6075	brown - silty	10"
EL 6076	orange brown - silty	12"
EL 6077	brown - silty	12"
EL 6078	brown - silty	10"

Sample No	Description	Sample Depth
EL6079	brown - silty	10"
EL6080	brown - silty	12"
EL6081	brown - silty	10"
EL6082	brown - silty	10"
EL6083	dark brown - clay rich	10"
EL6084	dark brown - silty - rocky - minor clay	10"
EL6085	orange brown - silty	10"
EL6086	brown - silty - rocky	10"
EL6087	orange brown - silty	12"
EL6088	dark brown - clay rich	10"
EL6089	brown - silty	10"
EL6090	orange brown - silty	10"
EL6091	dark brown - clay rich	10"
EL6092	orange brown - silty	10"
EL6093	brown - silty - clay rich - rocky	10"
EL6094	brown - silty - very rocky	10"
EL6095	orange brown silty	12"
EL6096	mi brown - minor clay - rocky silty	12"
EL6097	brown - silty - rocky	10"
EL6098	orange brown - silty	12"

Sample No.	Description	Sample Depth
EL6099	brown - rocky	12"
EL6100	brown - silty	10"
EL6101	dark brown - clay rich (near swamp)	10"
EL6102	brown - rocky - silty	8"
EL6103	brown - rocky - silty	10"
EL6104	brown - rocky - silty	10"
EL6105	brown - rocky - silty	10"
EL6106	brown - rocky - silty	10"
EL6107	orange brown - silty	8"
EL6108	orange brown - silty	10"
EL6109	brown - rocky - silty	10"
EL6110	dark brown - silty - minor clay	10"
EL6111	brown - silty - minor clay	10"
EL6112	orange brown - silty	10"
EL6113	brown - silty	10"
EL6114	brown - silty	10"
EL6115	brown - silty	10"
EL6116	brown - silty	10"
EL6117	brown - silty - minor clay	10"
EL6118	dark brown - silty - minor clay	12"

Sample No	Description	Sample Depth
EL6119	brown - silty	12"
EL6120	dark brown - clay rich (+or-10' up slope from swamp)	12"
EL6121	dark brown - clay rich	12"
EL6122	dark brown - clay rich	12"
EL6123	brown - silty - minor clay	12"
EL6124	brown - silty - minor clay	12"
EL6125	brown - minor clay - silty	10"
EL6126	orange brown - silty	12"
EL6127	brown - silty - very minor clay	10"
EL6128	dark brown - silty - very minor organic - minor clay	12"
EL6129	orange brown - silty	12"
EL6130	brown - silty	12"
EL6131	orange brown - silty	12"
EL6132	brown - silty - rocky	12"
EL6133	brown - silty - rocky	12"
EL6134	brown - silty - rocky	10"
EL6135	orange brown - silty	10"
EL6136	brown - silty - very minor clay	12"
EL6137	brown - silty	12"
EL6138	brown - silty	12"

Sample No.	Description	Sample Depth
EL6139	brown - silty - rocky	10'
EL6140	brown - silty	10"
EL6141	brown - silty	10"
EL6142	brown - silty	10"
EL6143	brown silty	10"
EL6144	brown silty	10"
EL6145	orange brown silty	10"
EL6146	brown silty rocky minor clay	12"
EL6147	brown - silty	10"
EL6148	brown - silty - minor clay	10"
EL6149	brown - silty - very rocky	12"
EL6150	brown silty minor clay	10"
EL6151	orange brown silty	10"
EL6152	brown - silty - minor organic	12"
EL6153	red brown - silty - minor sand rocky	10"
EL6154	brown - silty	10"
EL6155	brown silty	10"
EL6156	brown silty	12"
EL6157	light brown very fine silt - rocky	12"
EL6158	light orange brown - very fine silt	8"

Sample No	Description	Sample Depth
EL6159	dark brown - silty - minor clay	12"
EL6160	dark brown - sandy minor clay	12"
EL6161	brown - silty minor clay	12"
EL6162	orange brown - fine silty - rocky	10"
EL6163	red brown silty	12"
EL6164	orange brown silty	10"
EL6165	orange brown silty	10"
EL6166	brown minor clay sandy rocky	10"
EL6167	brown minor clay sandy	12"
EL6168	light red brown clay rich	10"
EL6169	dark orange brown silty minor clay	10"
EL6170	brown silty rocky	12"
EL6171	brown silty rocky	12"
EL6172	brown silty rocky	12"
EL6173	brown silty rocky	12"
EL6174	orange brown silty	12"
EL6175	orange brown silty	8"
EL6176	brown silty rocky	8"
EL6177	orange brown silty rocky	14"
EL6178	brown silty rocky	12"

Sample No	Description	Sample Depth
EL6179	orange brown silty	10"
EL6180	orange brown silty	14"
EL6181	brown very rocky sandy on creek bank	12"
EL6182	dark brown very rocky sdsandy	12"
~~83~~		
EL6183	brown silty	10"
EL6184	grey brown silty minor clay	14"
EL6185	brown rocky silty	10"
EL6186	orange brown fine silt	6"
~~87~~		
EL6187	brown rocky clay rich	12"
EL6188	grey brown-rocky-sandy	14"
EL6189	brown silty in open field very thin B horz.	12"
EL6190	brown silty open field	12"
EL6191	brown silty open field	10"
EL6192	brown silty open field	10"
EL6193	grey brown rocky opin field.	14"
EL6194	brown silty open field	10"
EL6195	brown silty open field	10"
EL6196	dark brown clay rich open field	12"
EL6197	brown silty open field	10"
EL6198	orange brown silty open field	12"

Sample No.	Description	Sample Depth
EL 6199	dark brown minor clay open field	14"
EL 6200	dark brown minor clay poss organic open field	14"
EL 6201	brown silty open field	12"
EL 6202	dark brown silty open field	12"
EL 6203	brown clay rich edge of field	10"
EL 6204	brown mostly clay	10"
EL 6205	brown silty 10' from creek	10"
EL 6206	brown silty	6"
EL 6207	brown silty	10"
EL 6208	brown very rocky near shy boulders.	10"
EL 6209	brown rocky silty	10"
EL 6210	light brown fine silt	10"
EL 6211	brown rocky silty open field	12"
EL 6212	brown silty open field	12"
EL 6213	brown silty open field	12"
EL 6214	dark brown minor clay near garden	12"
EL 6215	dark brown silty ~~rocks~~ ~~bank~~	12"
EL 6216	~~dark brown~~ dark brown creek bank.	12"

Sample No	Description	Sample Depth
EL6217	light brown silty	12"
EL6218	brown silty in fert. field	10"
EL6219	dark brown silty minor clay fert field	10"
EL6220	brown silty minor clay fert field	10"
EL6221	brown silty minor clay fert. field	10"
EL6222	brown silty minor clay open field	10"
EL6223	orange brown silty open field	10"
EL6224	orange brown silty	10"
EL6225	orange brown silty rocky	10"
EL6226	dark brown silty rocky	10"
EL6227	dark brown very rocky minor clay - near creek overflow	12"
EL6228	brown silty	12"
EL6229	grey brown fine silt	12"
EL6230	brown clay rich open field	10"
EL6231	brown silty minor clay open field.	10"
EL6232	brown silty minor clay open field	10"
EL6233	brown clay rich along hwy. 326	12"
EL6234	brown clay rich along hwy. 326	12"

Sample No	Description	Sample Depth
EL 6235	brown clay rich along hwy. 326.	12"
EL 6236	brown clay rich along hwy. 326	12"
EL 6237	brown stream silt in nature gravel, sandy 5' from ck. open field	12"
* EL 6238	grey sandy clay	12"
EL 6239	brown gravel sandy poss organic swampy.	12"
? EL 6240	brown. mostly clay in hay field poss organic rich layers.	16"
EL 6241	brown clay rich open field	12"
EL 6242	dark brown clay rich open field	12"
EL 6243	dark brown minor clay open field.	12"
EL 6244	dark brown minor clay open field	12"
EL 6245	brown gravel minor clay open field.	12"
EL 6246	brown rocky minor clay open field.	12"
EL 6247	brown minor clay open field	12"
EL 6248	brown minor clay open field	12"
EL 6249	brown minor clay open field	12"
EL 6250	brown rocky silty edge of gravel pit.	12"
EL 6251	brown silty rocky open field.	12"
EL 6252	dark brown silty minor clay rocky open field	12"

Sample No	Description	Sample Depth
EL6253	brown silty gravel openfield	12'
EL6254	brown silty gravel openfield	12'
EL6255	dark brown clay rich openfield	12'
EL6256	brown laminor clay silt. open field (pasture)	12"
EL6257	brown silty gravel openfield	12'
EL6258	brown silty gravel openfield	12'
EL6259	brown silty minor clay open field	12'
EL6260	brown silty gravel openfield	12'
EL6261	brown silty gravel openfield	12'
EL6262	brown silty minor clay open field.	12'
EL6263	brown silty minor clay openfield	12"
EL6264	brown silty gravel openfield	12'
EL6265	brown silty rocky along hwy 326	12'
EL6266	brown rocky minor organic along hwy. 326	12'
EL6267	rocky silty minor organic	12'
EL6268	brown clay rich - ?	12'
EL6269	sandy gravel brown in gravel pit	12'
EL6270	brown minor clay silty pasture field.	12"

Sample No	Description	Sample Depth
EL 6271	brown minor clay silty open field.	12"
EL 6272	brown silty minor clay open field	12"
EL 6273	dark orange brown silty open field	12"
EL 6274	grey silty very rocky	12"
EL 6275	dark brown clay rich poss. organic	12"
EL 6276	brown gravel overgrown field	12"
EL 6277	brown gravel minor clay	12"
EL 6278	dark orange brown silty old logging road	12"
EL 6279	dark brown silty rocky	12"
EL 6280	brown silty	12"
EL 6281	brown silty	12"
EL 6282	dark orange brown silty	6"
EL 6283	brown silty rocky	10"
EL 6284	grey brown rocky silty	12"
EL 6285	brown - very rocky - near swamp. So up slope from swamp	12"
EL 6286	brown silty minor clay	12"
EL 6287	brown silty rocky	12"
EL 6288	brown silty	12"

Sample No.	Description	Sample Depth
EL6289	brown - silty minor clay	12"
EL6290	dark brown silty minor clay	10"
EL6291	dark brown silty minor clay rocky	12"
EL6292	brown silty minor clay	10"
EL6293	brown gravel	12"
EL6294	brown silty	12"
EL6295	dark brown silty minor clay	14"
EL6296	brown silty	10"
EL6297	grey brown clay rich	12"
EL6298	brown clay rich	12"
EL6299	brown silty	12"
EL6300	grey brown silty	12"
EL6301	dark brown silty very rocky	10"
EL6302	brown silty	10"
EL6303	brown silty	10"
EL6304	brown gravel silty	10"
EL6305	orange brown fine silt	10"
EL6306	brown silty	10"

Sample No.	Description	Sample Depth
EL 6308	orange brown fine silt	10"
EL 6309	brown silty	12"
EL 6310	dark orange brown silty	10"
EL 6311	orange brown silty	10"
EL 6312	brown silty	10"
EL 6313	brown silty	10"
EL 6314	brown silty gravel	10"

There are no numbers 6000-6003

~~* EL 6315 WL 6000~~ ~~hot area - near 11.0 sample~~

~~* EL 6316 WL 6001~~ ~~hot area - near 11.0 sample~~

~~* EL 6317 WL 6002~~ ~~hot area - near 11.0 sample~~

~~* EL 6318 WL 6003~~ ~~hot~~

hot area, near 7.0 sample.

EL 6315	brown silty	6"
EL 6316	brown fine silt	8"
EL 6317	brown silty	10"
EL 6318	grey brown clay rich	12"
EL 6319	brown fine silt	10"
EL 6320	orange brown very fine silt	10"
EL 6321	brown silty rocky	10"

Sample No.	Description	Sample Depth.
EL 6322	orange fine silt	8"
EL 6323	brown minor clay	8"
EL 6324	brown silty	8"
EL 6325	orange brown fine silt (roadside)	8"
EL 6326	brown fine silt (roadside)	8"
EL 6327	lt. rd. bn. silt clay rocky	10"
EL 6328	as above	10"
EL 6329	as above	10"
EL 6330	as above	10"
EL 6331	lt. rd. bn silt	10"
EL 6332	lt. rd. bn. silt clay roadside	10"
EL 6333	lt. bn. silt clay	10"
EL 6334	md bn silt clay	10"
EL 6335	lt. rd. bn. silt min clay	10"
EL 6336	rd. bn. clay silt	10"
EL 6337	lt rd. bn. silt	10"

STREAM SAMPLES - EARLTOWN

SAMPLE Nº	ANALYSIS	DESCRIPTION
EM-1000		PEBBLE BOTTOM WITH LITTLE SILT ROAD UPSTREAM
EM-1001		LARGE ROCKY BOTTOM WITH FAST MOVING WATER. CLEAR DOWN FROM THE BRIDGE.
EM-1002 ← SAMPLE NOT TAKEN		LOST
EM-1003		CONFLUENCE
— o —		
EM-3000		DARK BROWN TO BLACK SAND, CLAY.
EM-3001		
EM-3002		BUFF COLOURED CLAY
EM-3003		SANDY AND SILTY, LIGHT BROWN.
EM-3004		LIGHT BROWN CLAY
— o —		
EM-1004 ← NOT USED		
EM-1005		SMALL STREAM., SEDIMENT., ROCK BASE
EM-1006		SAME
EM-1007		PEBBLE AND SEDIMENT BOTTOM
EM-1008		SEDIMENT BASE
EM-1009		SAND BOTTOM

EM - 1010 PEBBLY, SILT BASE

EM - 1011 SAME

—— o ——

EM - 2000

EM - 2001

EM - 2002

EM - 2003 SANDY

EM - 2004

EM - 2005

EM - 2006

EM - 2007

EM - 2008

EM - 2009

EM - 2010

EM - 2011

EM - 2012 BROWN CLAY — DRY STREAM

EM - 2013

EM - 2014

EM - 2015

LC-7087- light grey brown grey. 12"
88 light red brown clay, silt. 10"
89. light red brown, silt, clay, 10"
90- light red brown, silt, clay 10"
91- light red brown, silt, sand, clay 12"
92 light grey lignan stained clay 12-14"
93- red brown clay, silt 10-12"

APPENDIX 5

PROJECT PERSONNEL

PROJECT PERSONNEL - (After Joint Venture Agreement with Cominco)

Dr. I. Mason Cominco Ltd. Suite 1700 120 Adelaide St. W. Toronto, Ontario	Project Supervisor	May-June 1979
Ms. V. Grosl Cominco Ltd. Suite 1700 120 Adelaide St. W. Toronto, Ontario	Project Geologist	May-June 1979
Mr. G.W. Felderhof Cominco Ltd. 354 Mitchell St. New Glasgow, N.S.	Project Geologist	May-June 1979
Mr. K. MacKillop Cominco Ltd. Tatamagouche, N.S.	Geologist	April-June 1979
Ms. K. Chase Cominco Ltd. Tatamagouche, N.S.	Geologist	May-June 1979
Mr. Greg Muise Cominco Ltd. Tatamagouche, N.S.	Summer Student	June 1979
Mr. Glen MacDonald Cominco Ltd. Tatamagouche, N.S.	Summer Student	June 1979
Mr. D. Graham Cominco Ltd. Tatamagouche, N.S.	Summer Student	June 1979 (one week)

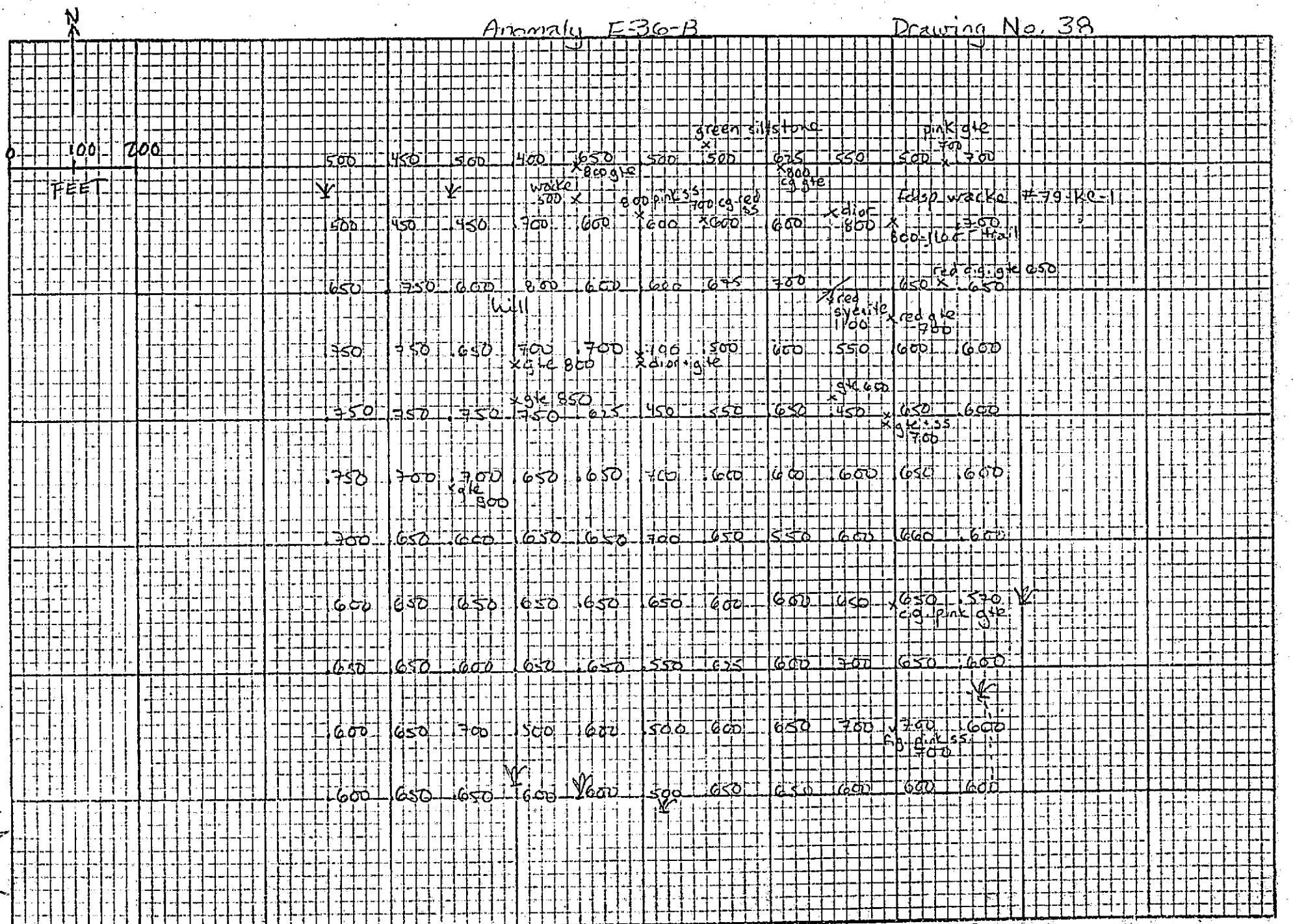
APPENDIX 5

PROJECT PERSONNEL - (Prior to Joint Venture Agreement with Cominco)

Mr. M.W. Seery Wyoming Mineral Corp. 3900 S. Wadsworth Blvd. Lakewood, Colo. USA 80235	Projects Manager	May 1978-May 1979
Mr. R. Phendler Wyoming Mineral Corp. 6175 Granville St. Vancouver, B.C. Canada	Project Supervisor (Consultant)	May 1978-May 1979
Mr. G.W. Felderhof Wyoming Mineral Corp. 354 Mitchell St. New Glasgow, N.S. Canada	Project Geologist (Consultant)	May 1978-May 1979
Mr. G.M. Park Wyoming Mineral Corp. Blue Jay Lane Cottonwood, Salt Lake City Utah, USA	Geochemist	May 1978-Dec. 1978
Mr. K. Sweet Wyoming Mineral Corp. 3900 S. Wadsworth Blvd. Lakewood, Colo. USA 80235	Geophysicist	Sept. 1978
Mr. K. MacKillop Wyoming Mineral Corp. Tatamagouche, N.S.	Geologist	Sept. 1978-Jan. 1979
Mr. B. Allen Wyoming Mineral Corp. Tatamagouche, N.S.	Summer Student	June 1978-Sept. 1978
Mr. V. Palma Wyoming Mineral Corp. Tatamagouche, N.S.	Geologist- Summer Student	June 1978-Sept. 1978
Mr. M. Tivey Wyoming Mineral Corp. Tatamagouche, N.S.	Summer Student	June 1978-Sept. 1978
Mr. R. Kohlsmith Wyoming Mineral Corp. Tatamagouche, N.S.	Summer Student	June 1978-Sept. 1978

Anomaly E-36-B

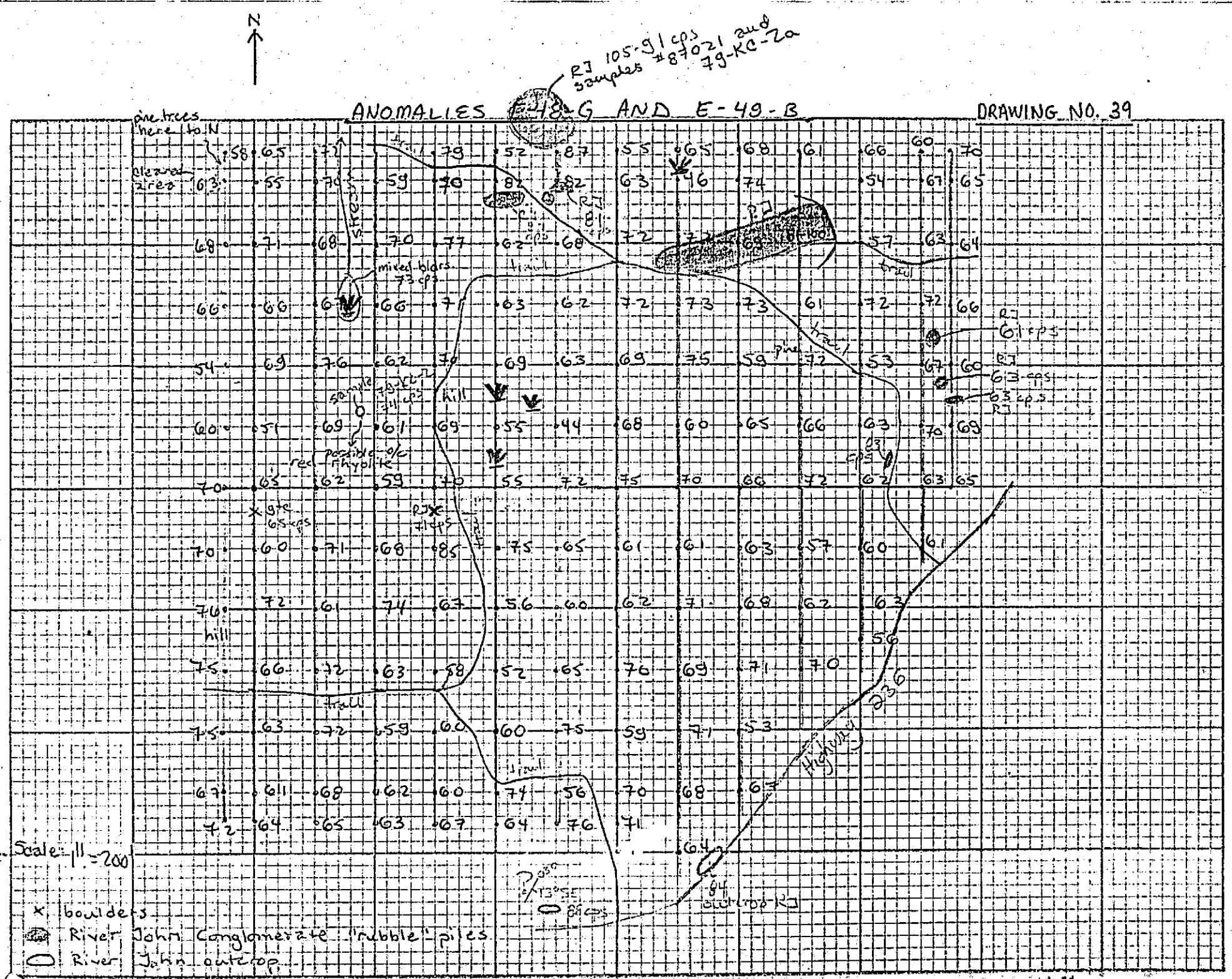
Drawing No. 38

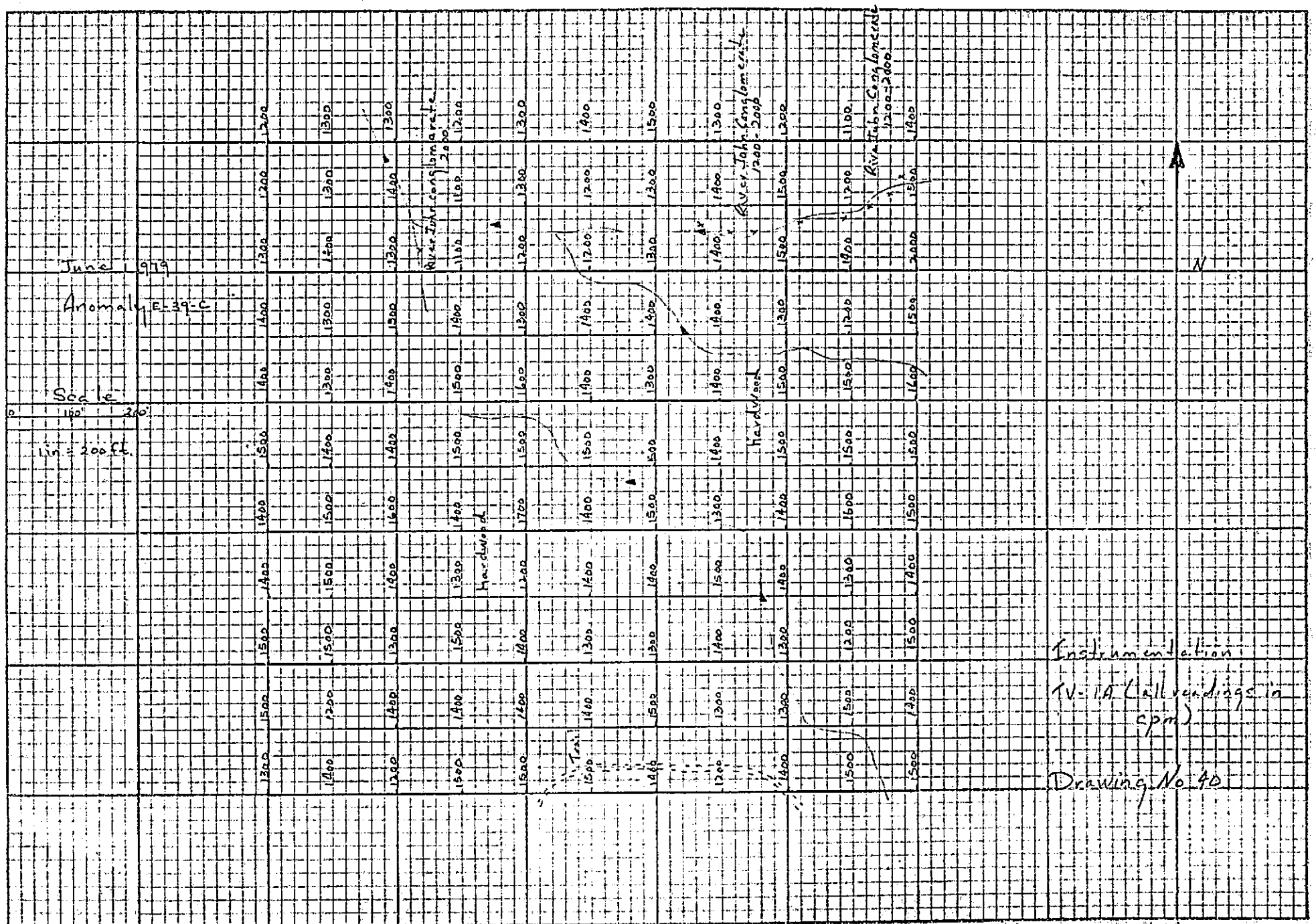


counts in cpm

433183

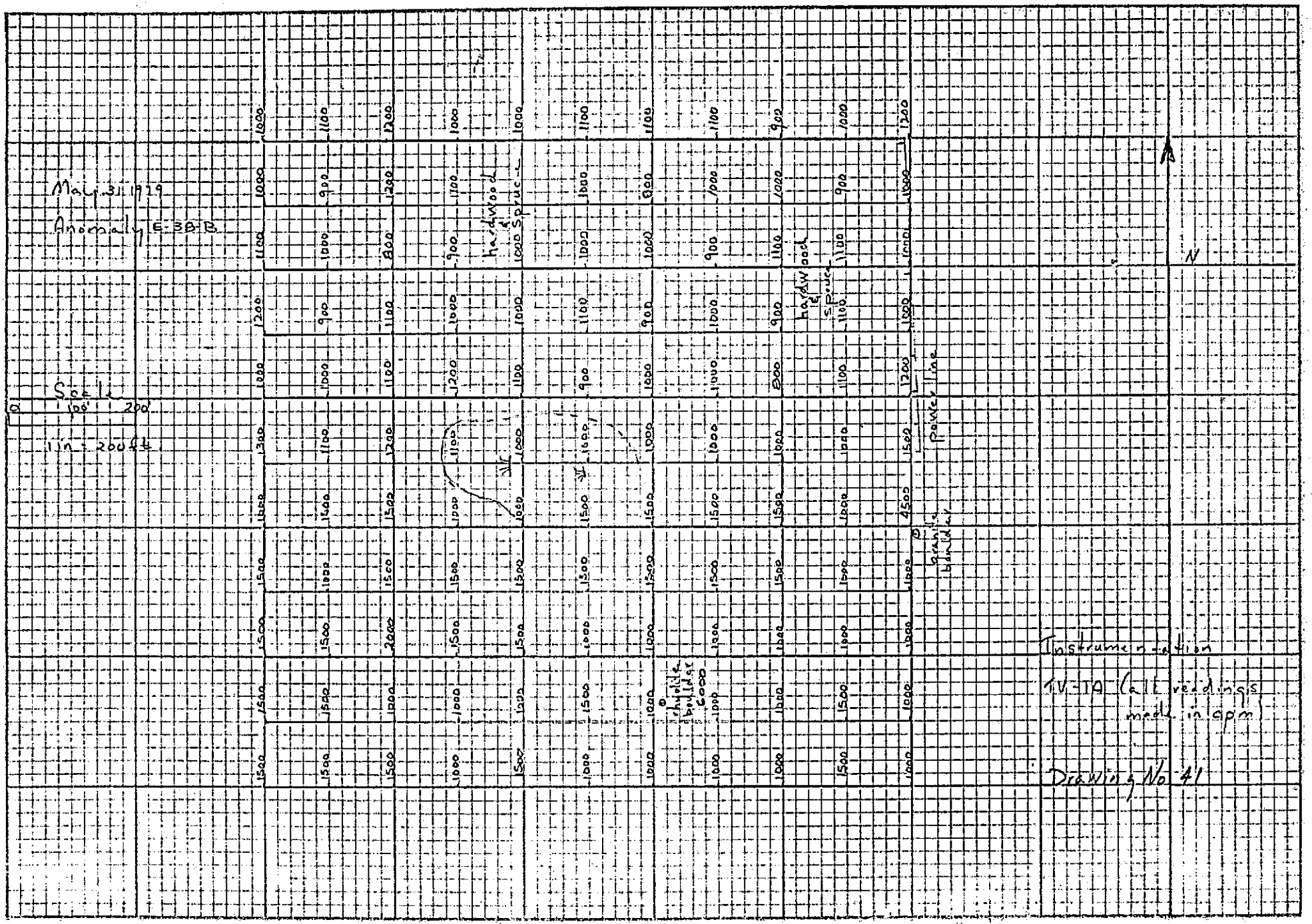
K.R.C.


N
RJ 105-91 cps samples #87021 and 79-KC-2a
ANOMALIES E-48-G AND E-49-B
DRAWING NO. 39
pine trees here to N
cleared area
stream
trail
mixed blds 73 cps
RJ 81 cps
RJ 61 cps
RJ 63 cps
63 cps RJ
sample 79-KC-2 74 cps
hill
possible o/c rhyolite
red
gte 65 cps
RJ 71 cps
pine
Highway 236
84 outcrop RJ
88 cps
Scale: 1" = 200'
× boulders
River John Conglomerate "rubble" piles
River John outcrop
s are in cps
433183
K.C.+GMD


June 1979
Anomaly E-39-C
Scale
0 100' 200'
1 in = 200 ft.
N
River John Conglomerate 2000
River John Conglomerate 1200-2000
Hardwood
Trail
Instrumentation
TV-1A (all readings in cpm)
Drawing No 40

433183

KMK


May 31 1979
Anomaly E-38-B
Scale
0 100' 200'
1 in = 200 ft
hardwood & spruce
hardwood & spruce
power line
granite boulder
chlorite boulder
N
Instrumentation
TV-TA (all readings made in gpm)
Drawing No 41

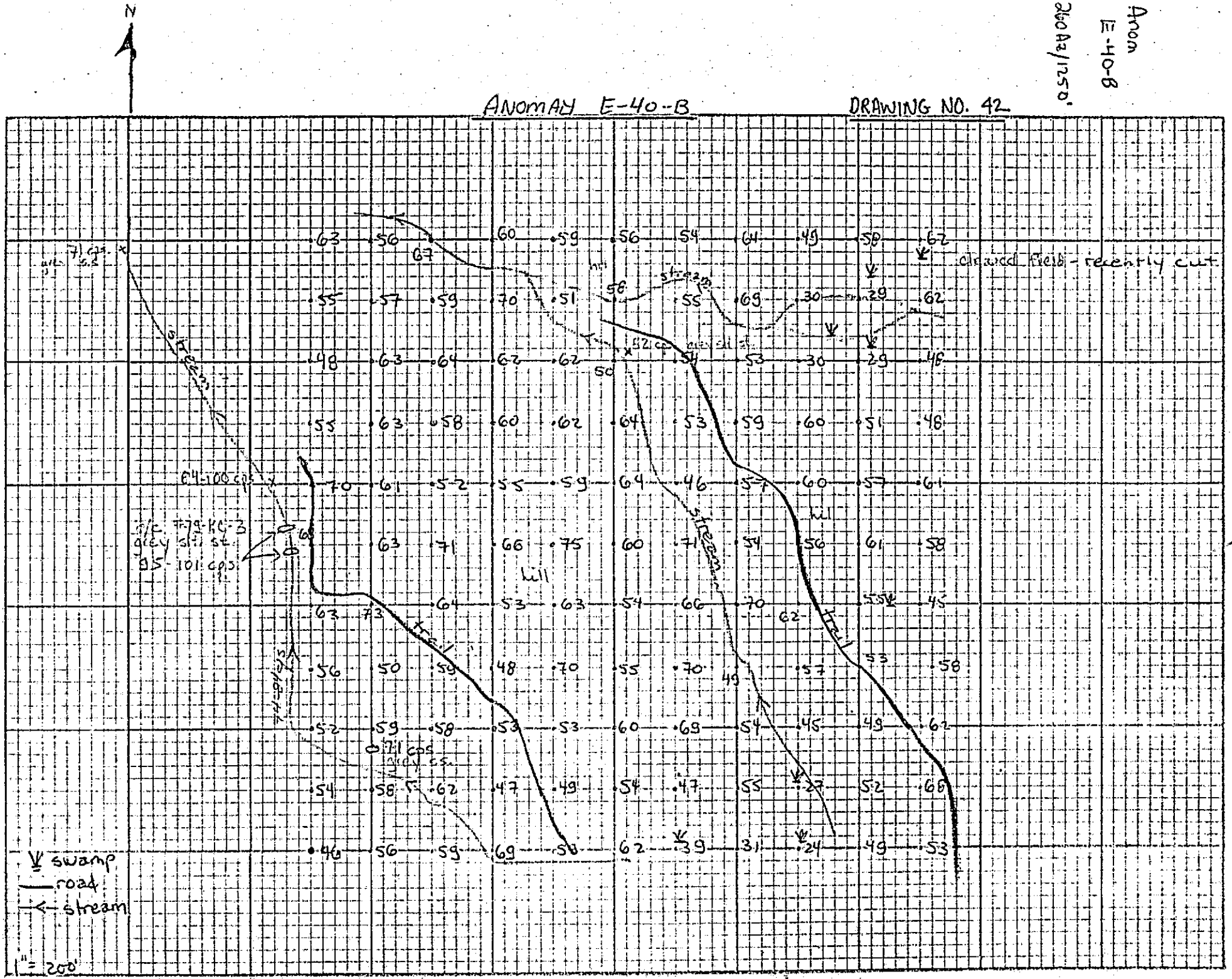
433183

KMK

Anom E-40-B
260 Az/1250'

ANOMAY E-40-B

DRAWING NO. 42



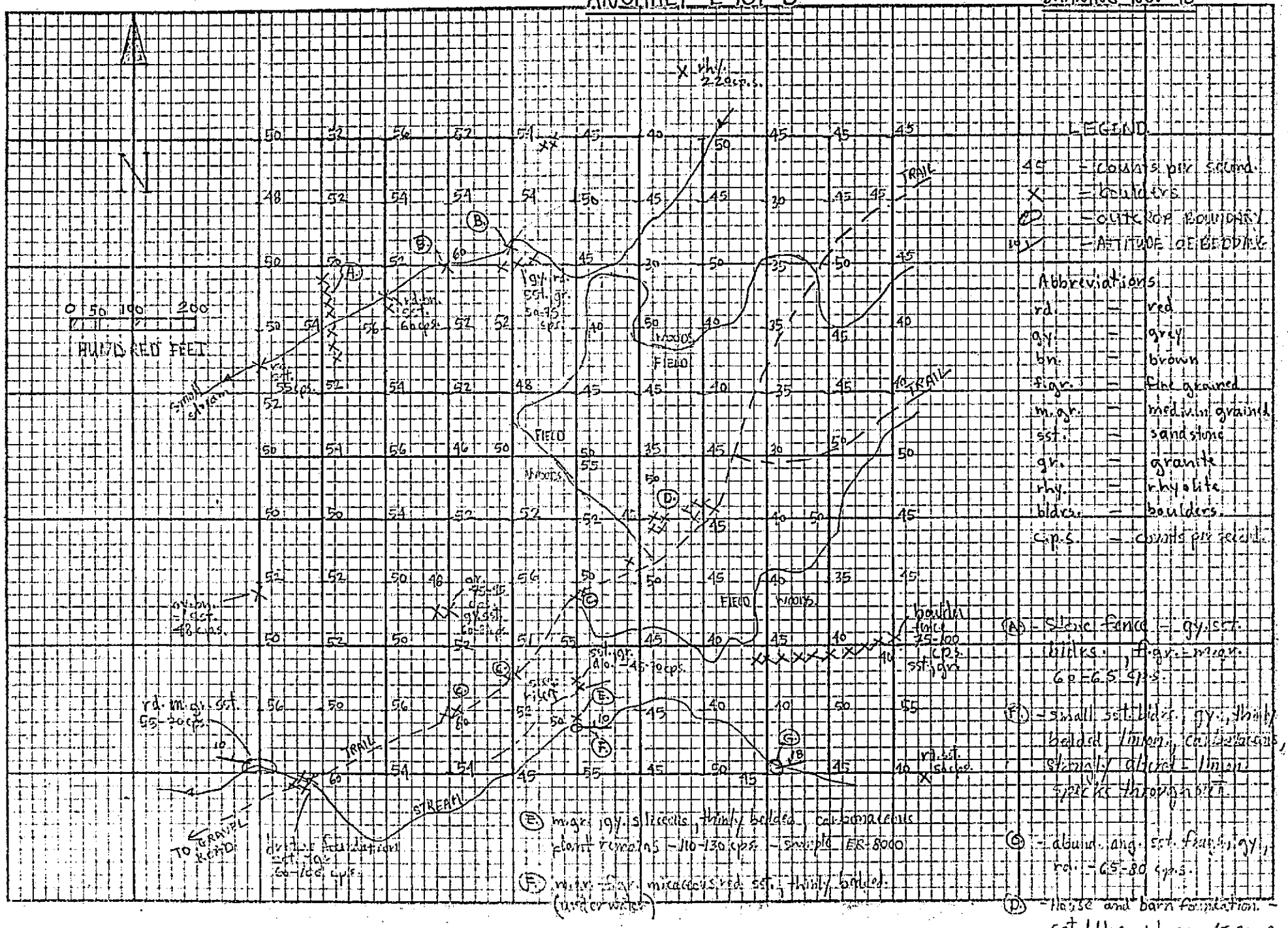
counts are in cps

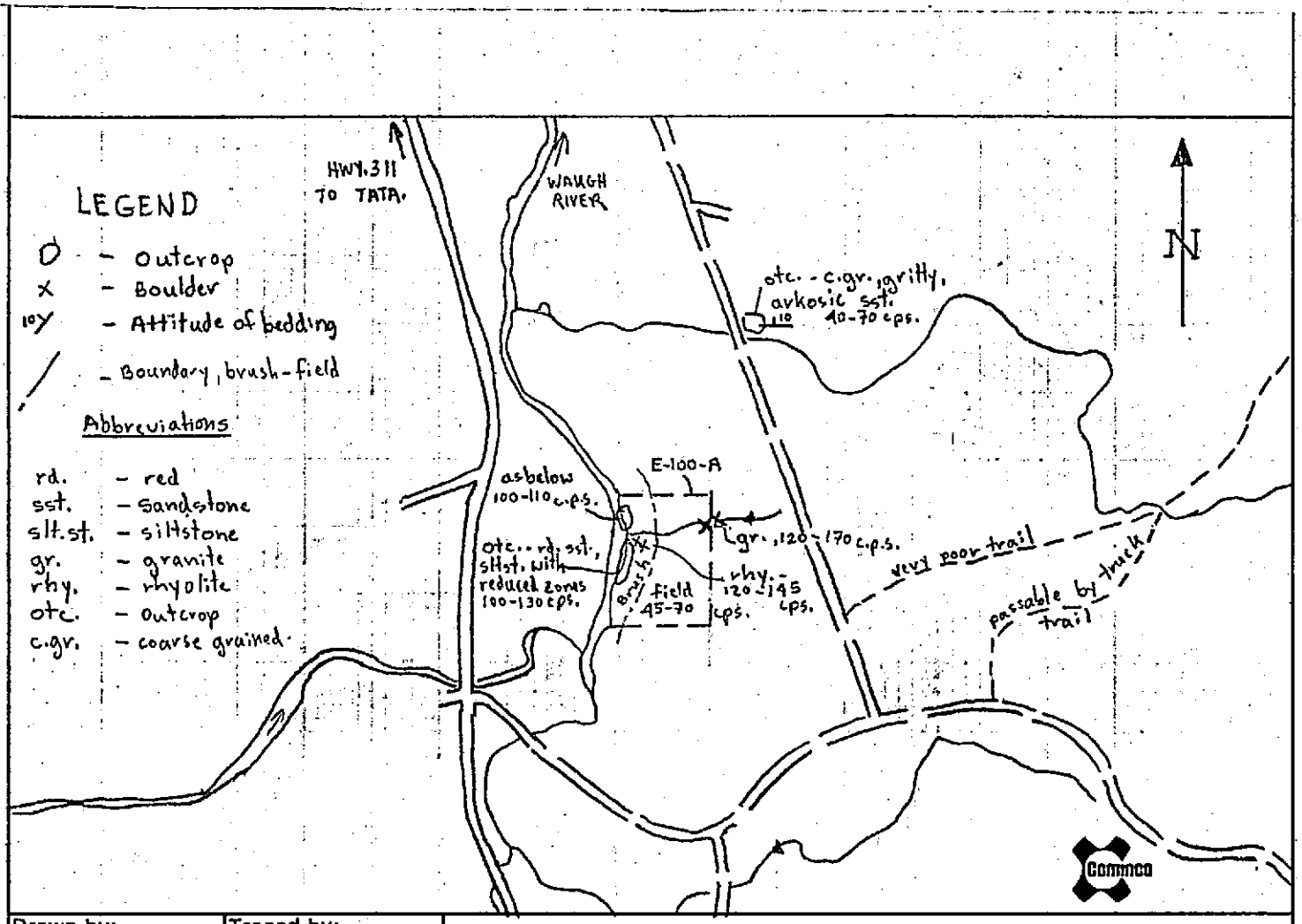
433183

K.C.

ANOMALY E-101-B

DRAWING No. 43





Drawn by: G.W.F.		Traced by:	
Revised by	Date	Revised by	Date

ANOMALY E-100-A
EARLTOWN CLAIM GROUP
DRAWING NO. 44

Scale: 1" = 1320'
Date: JUNE 21, 1979
Plate:

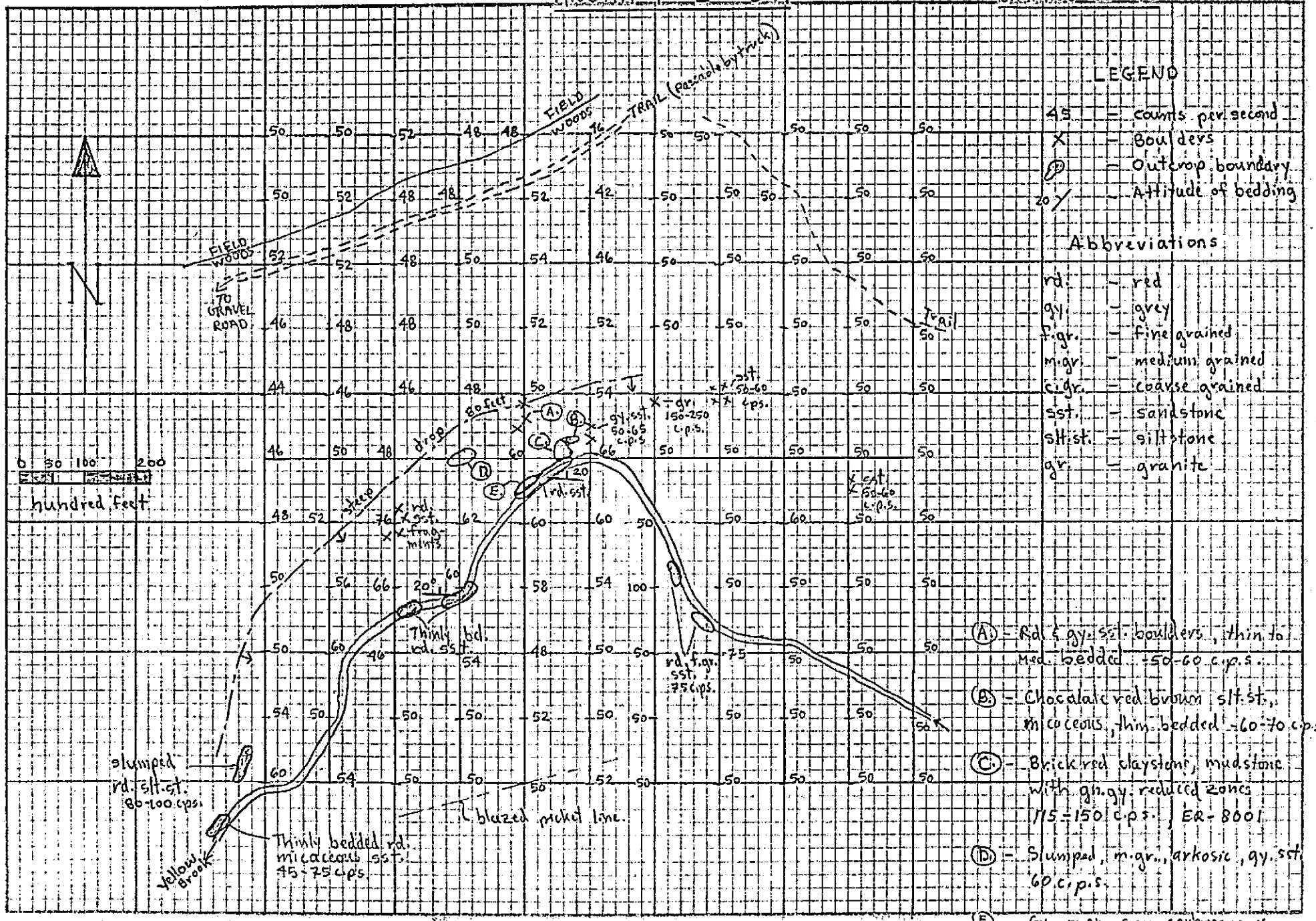
433183

BCIL-2187-C

210-0610

ANOMALY E-103-A

DRAWING NO. 45

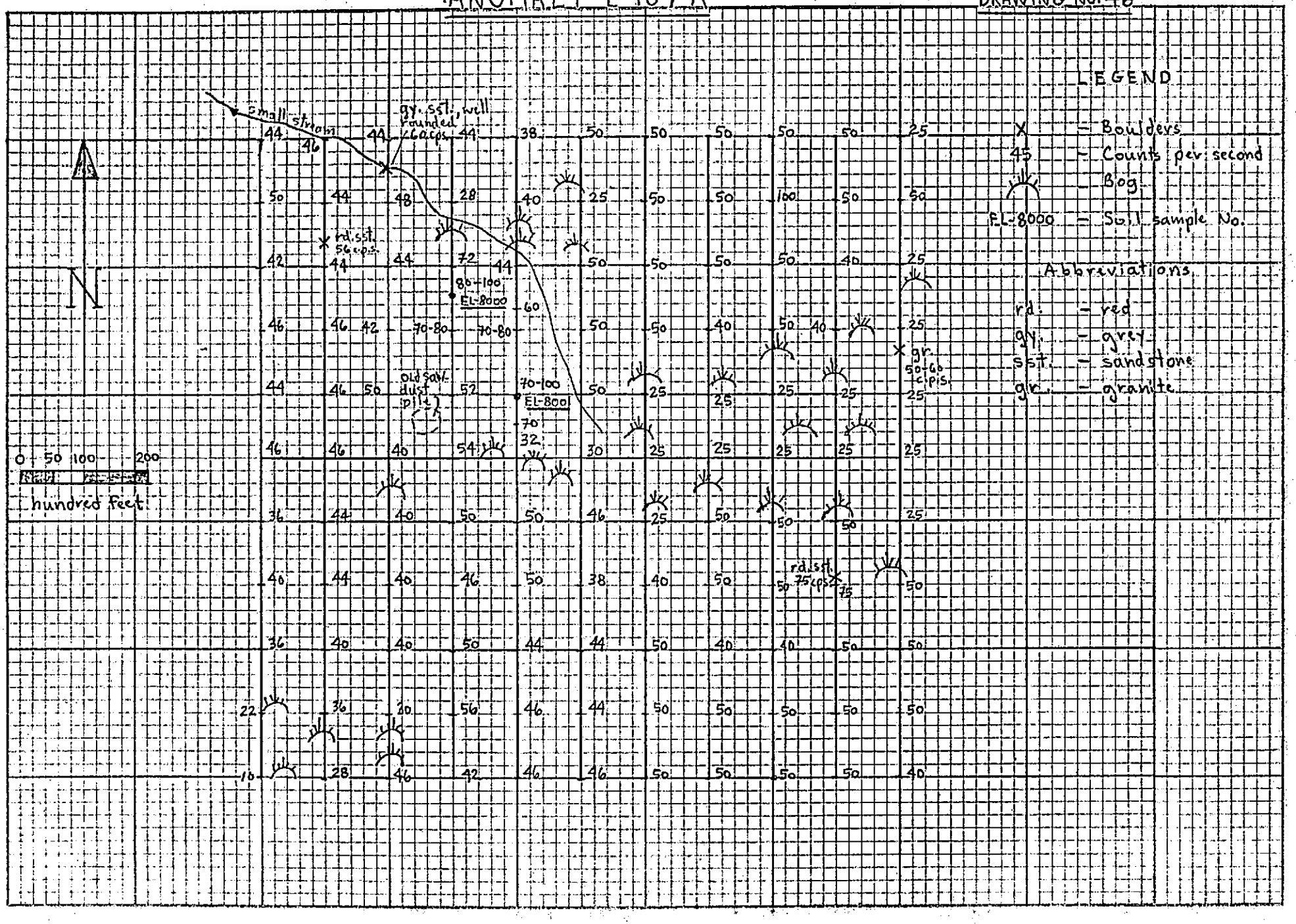


433183

G.W.F.

ANOMALY E-109-A

DRAWING NO. 46

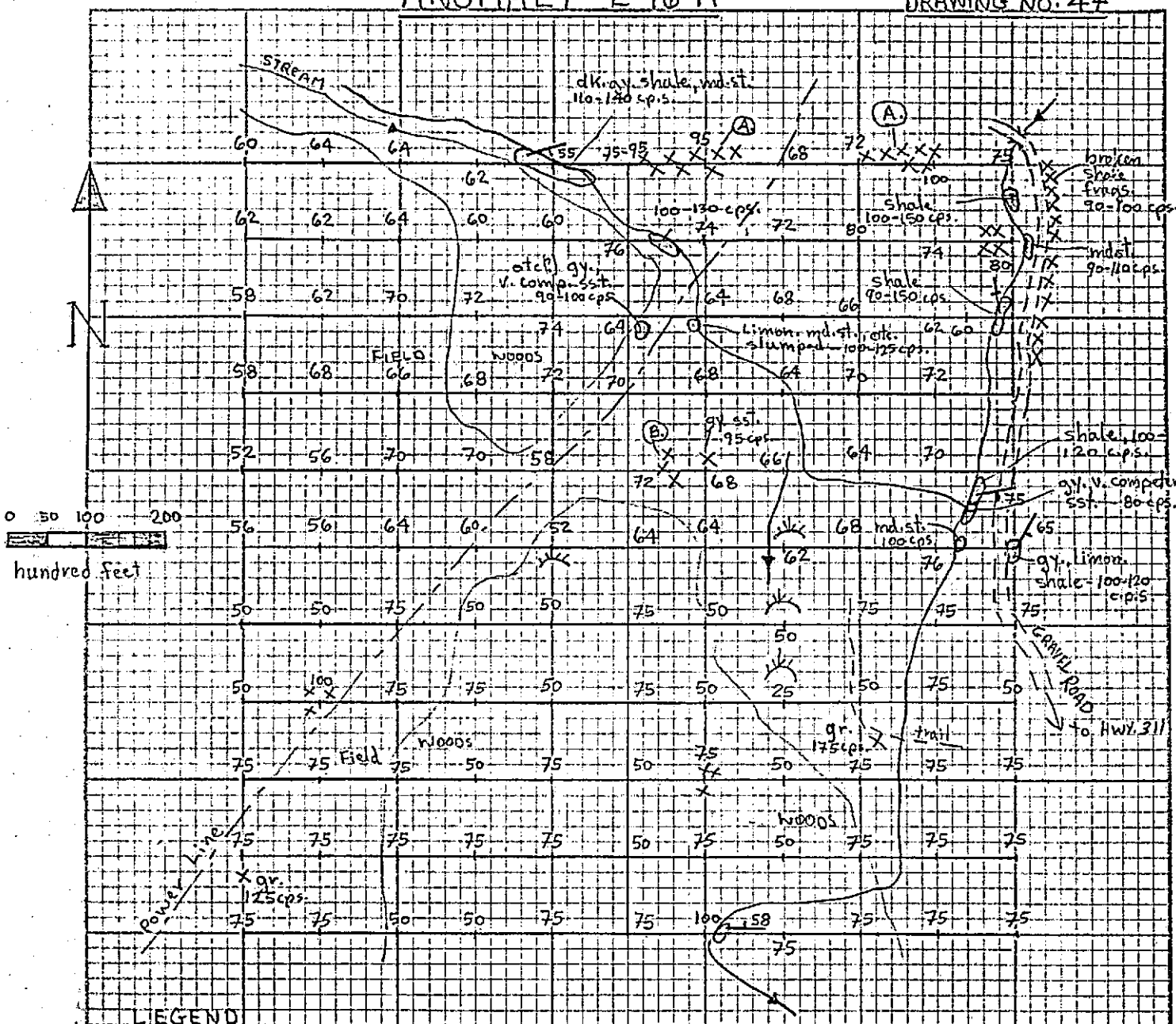


433183

G.W.F.

ANOMALY E-16-A

DRAWING NO. 47



LIEGEND

50 = Counts per second

X = Boulders

Outcrop boundary

70 = Attitude of bedding

Abbreviations

gy. = grey

otc. = outcrop

v. comp. = very competent

sst. = Sandstone

md. st. = Mudstone

gr. = Granite

limon. = Limonite

(A) = Bldr. piles, gr., shale, dio., sst., - various sizes, shapes, probably picked field to north. 75-105 c.p.s.

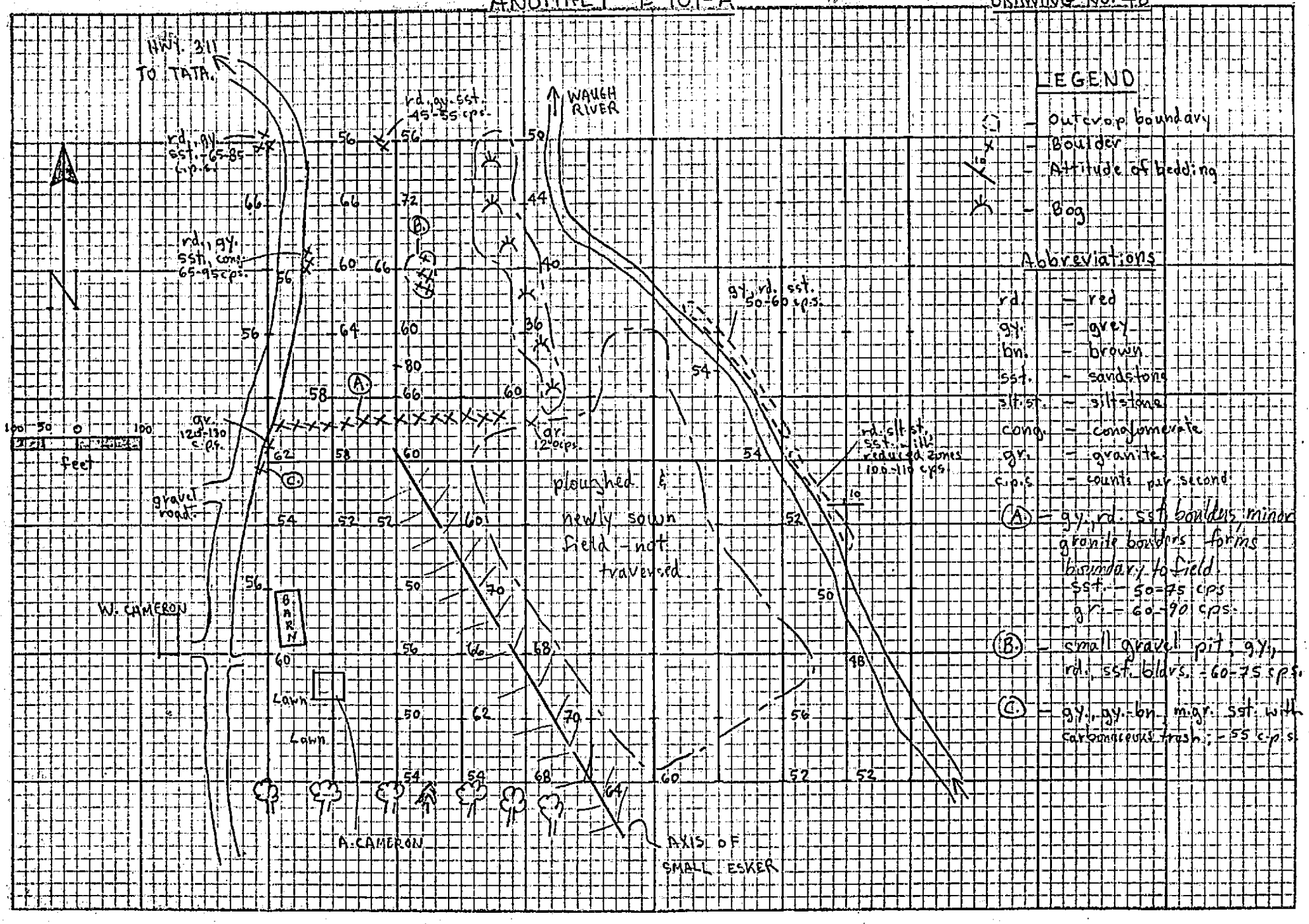
(B) = Bldr. pile, gr., sst., shale, dio., rounded, 70-100 cps.

433182

G.W.F.

ANOMALY E-101-A

DRAWING NO. 48

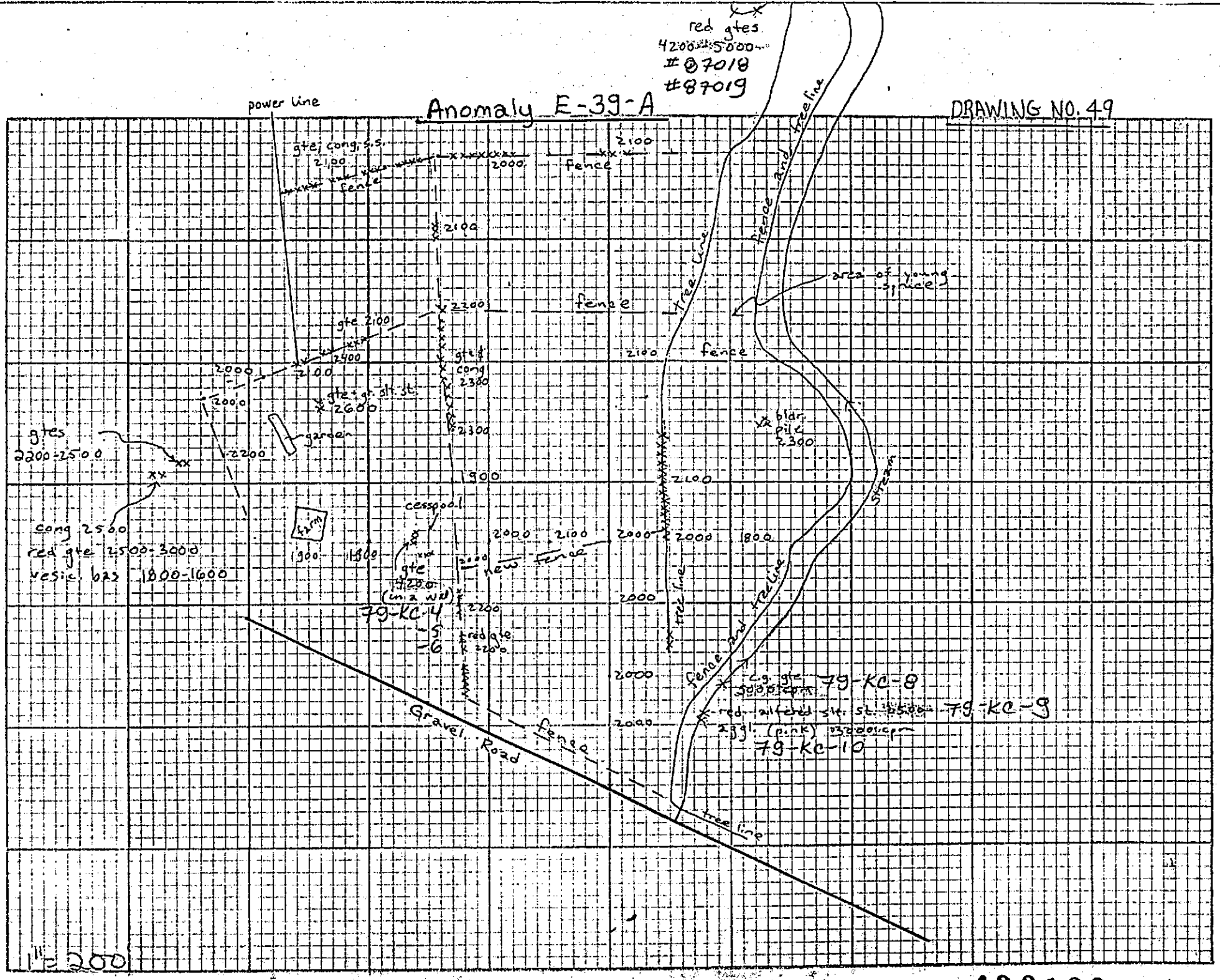


433183

G.W.F.

Anomaly E-39-A

DRAWING NO. 49

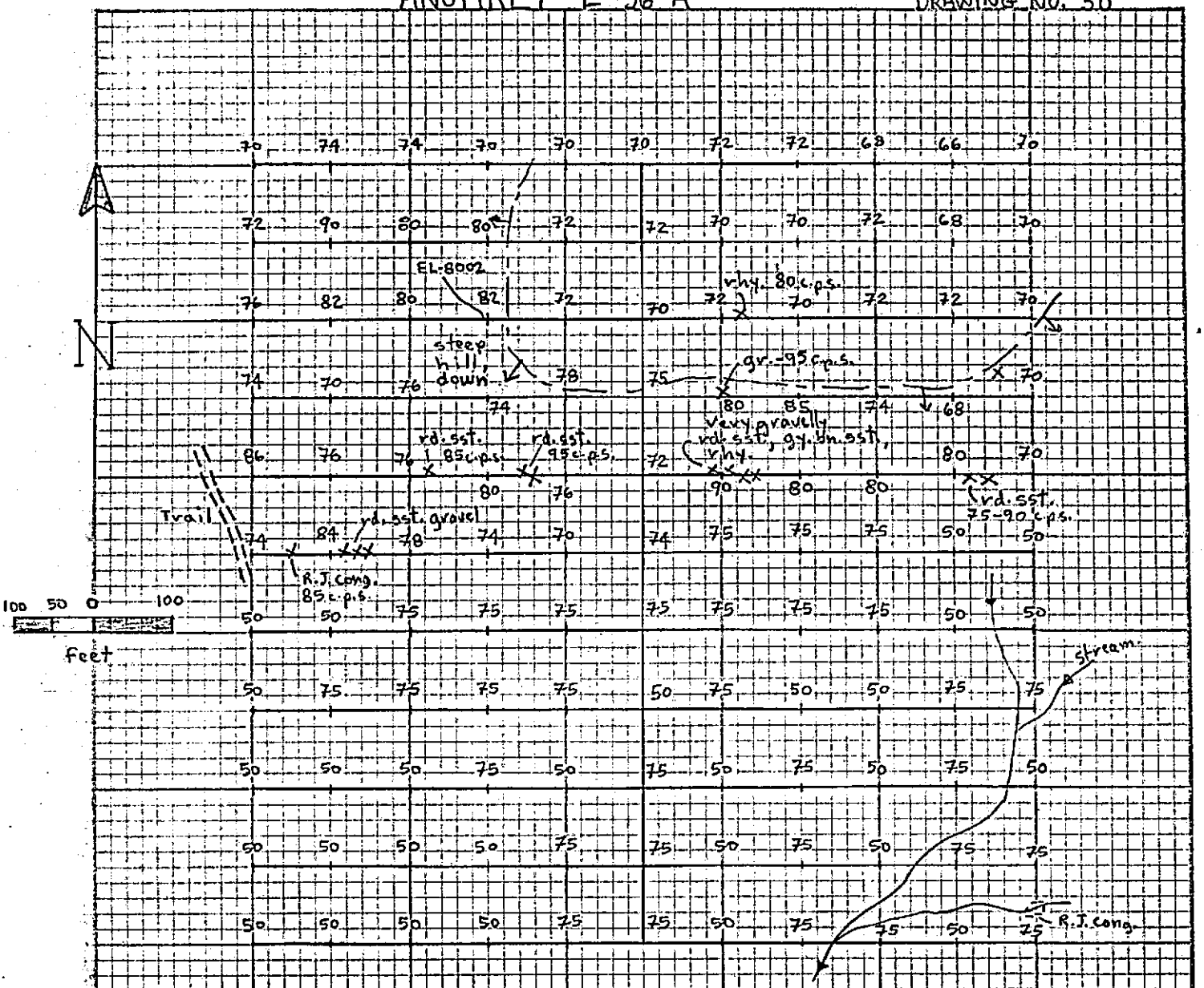


Counts are in CPM

433183 K.C.

ANOMALY E-36-A

DRAWING NO. 50



LEGEND

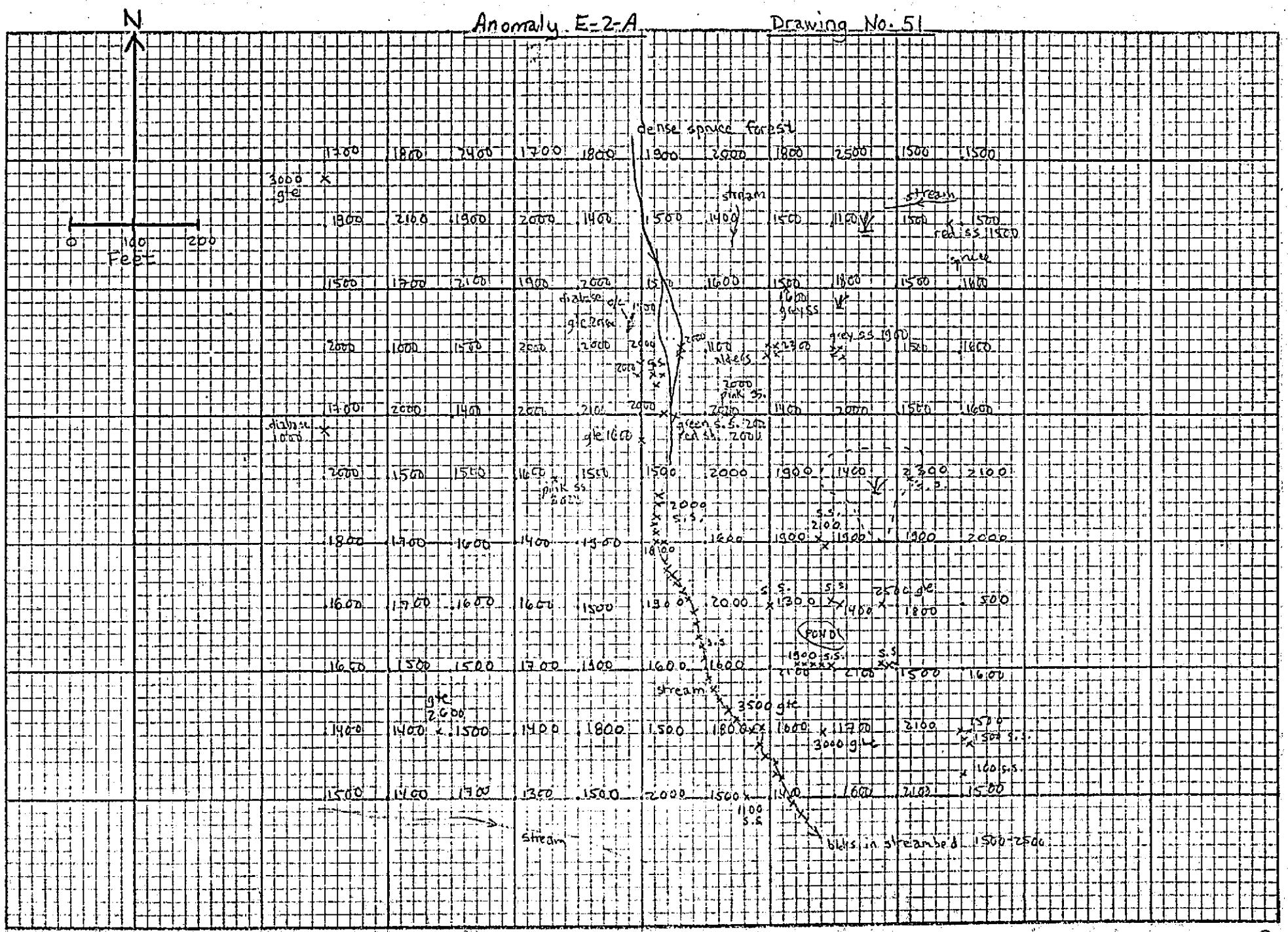
- Outcrop boundary
- X — Boulder

Abbreviations

rd.	–	red
gy.	–	grey
bn.	–	brown
sst.	–	sandstone
cong.	–	conglomerate
rhy.	–	rhyolite
gr.	–	granite
c.p.s.	–	counts per second

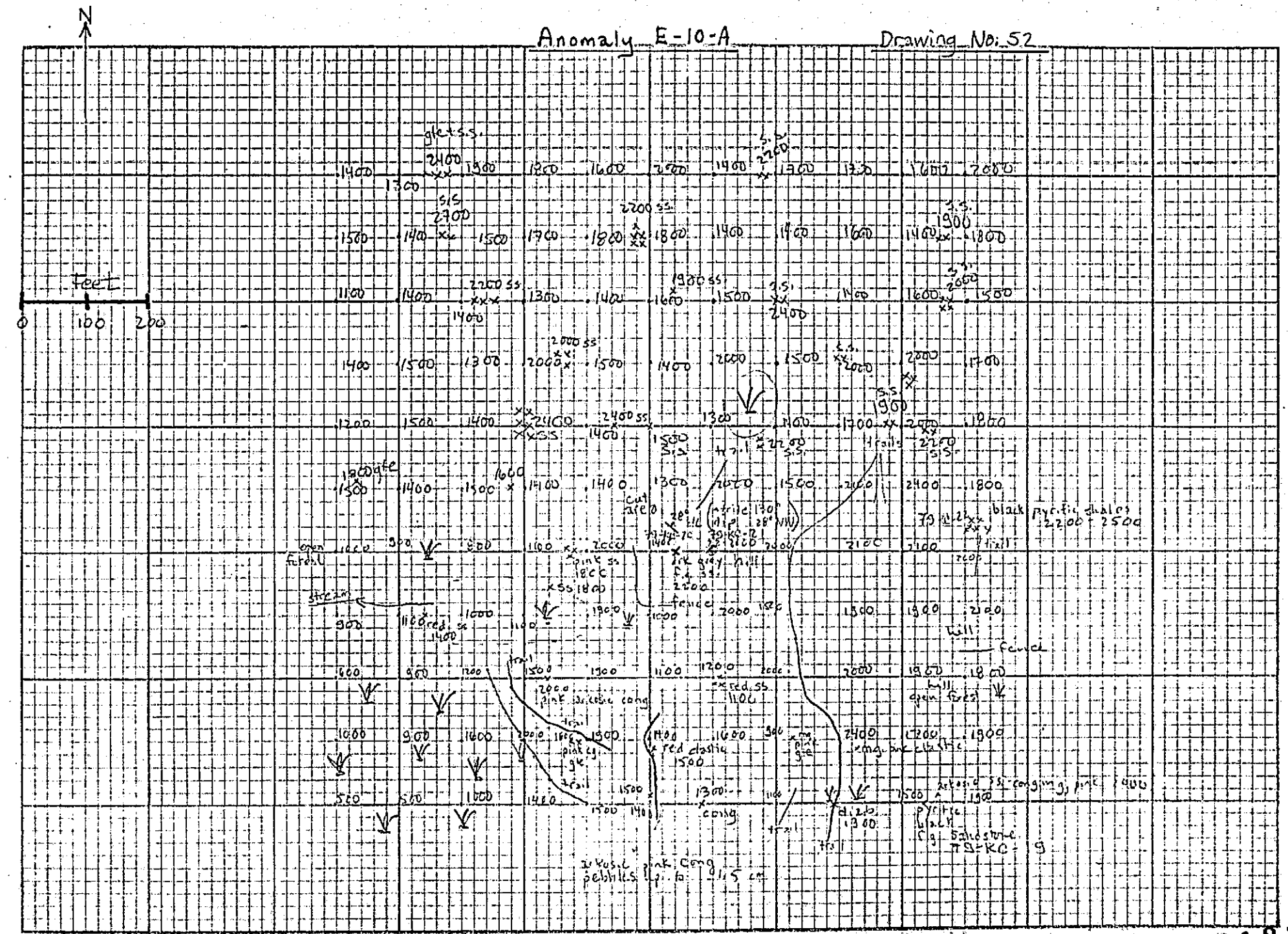
433183

G.W.F. & G.L.



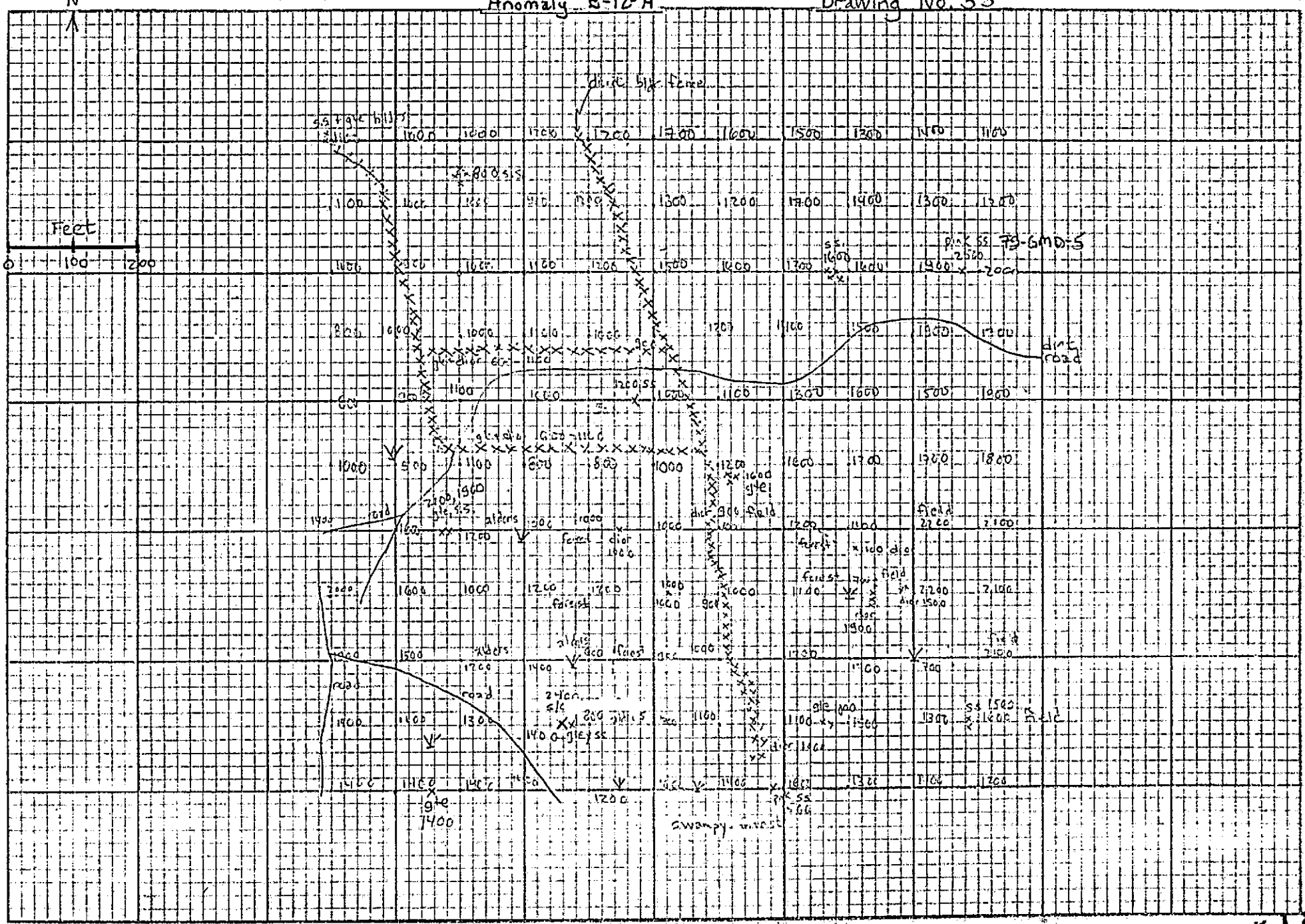
Scale: 1" = 200'
counts in cpm (TV-1A)

K.C + G.M.D. 433183


Anomaly E-10-A
Drawing No: 52
N
feet
0
100
200
Scale: 1"=200'
counts in cpm (TV-1A)
KRC + GMD
433183

Anomaly E-12-A

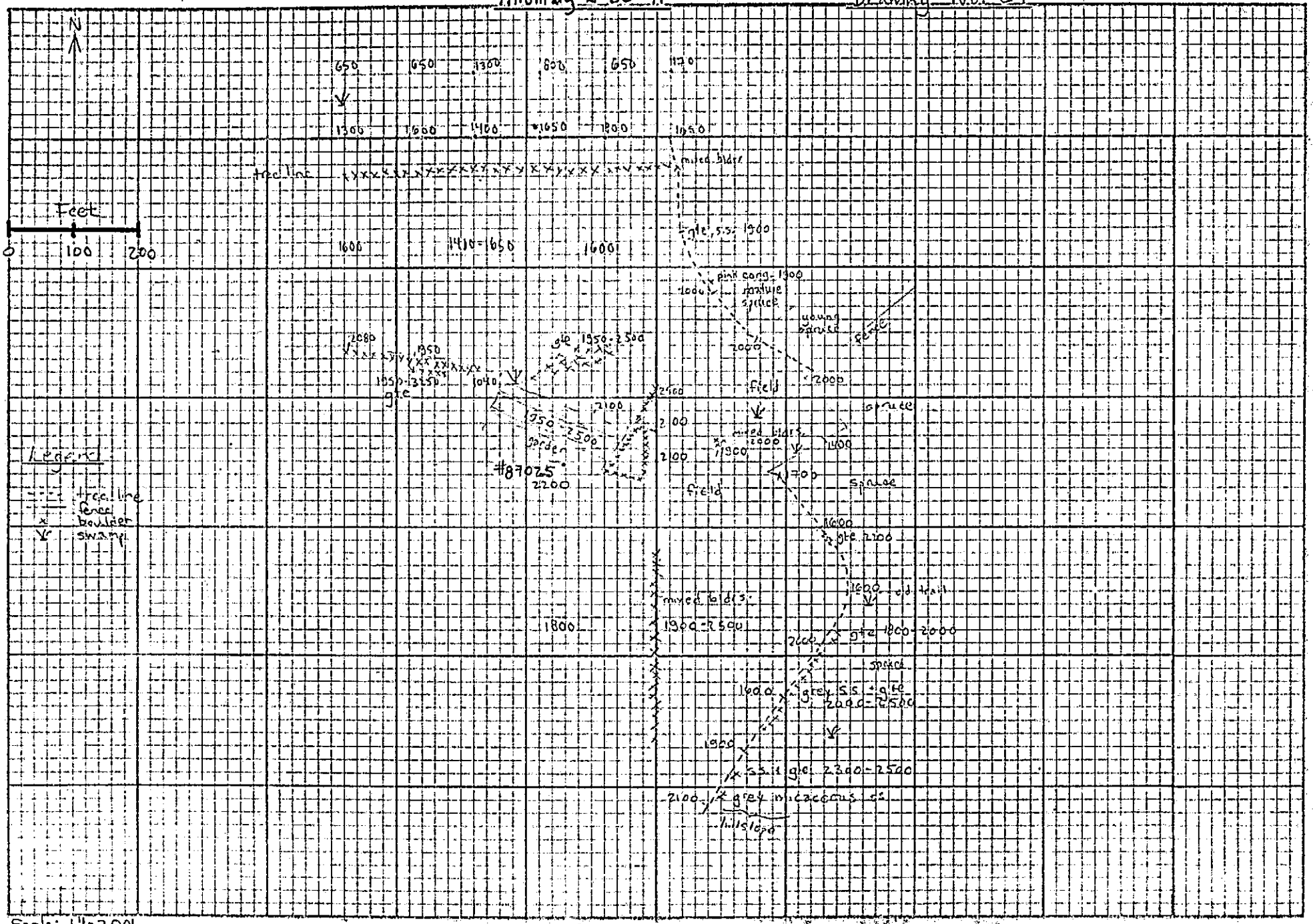
Drawing No. 53



Scale: 1" = 200'
counts in cpm (TV-1A)

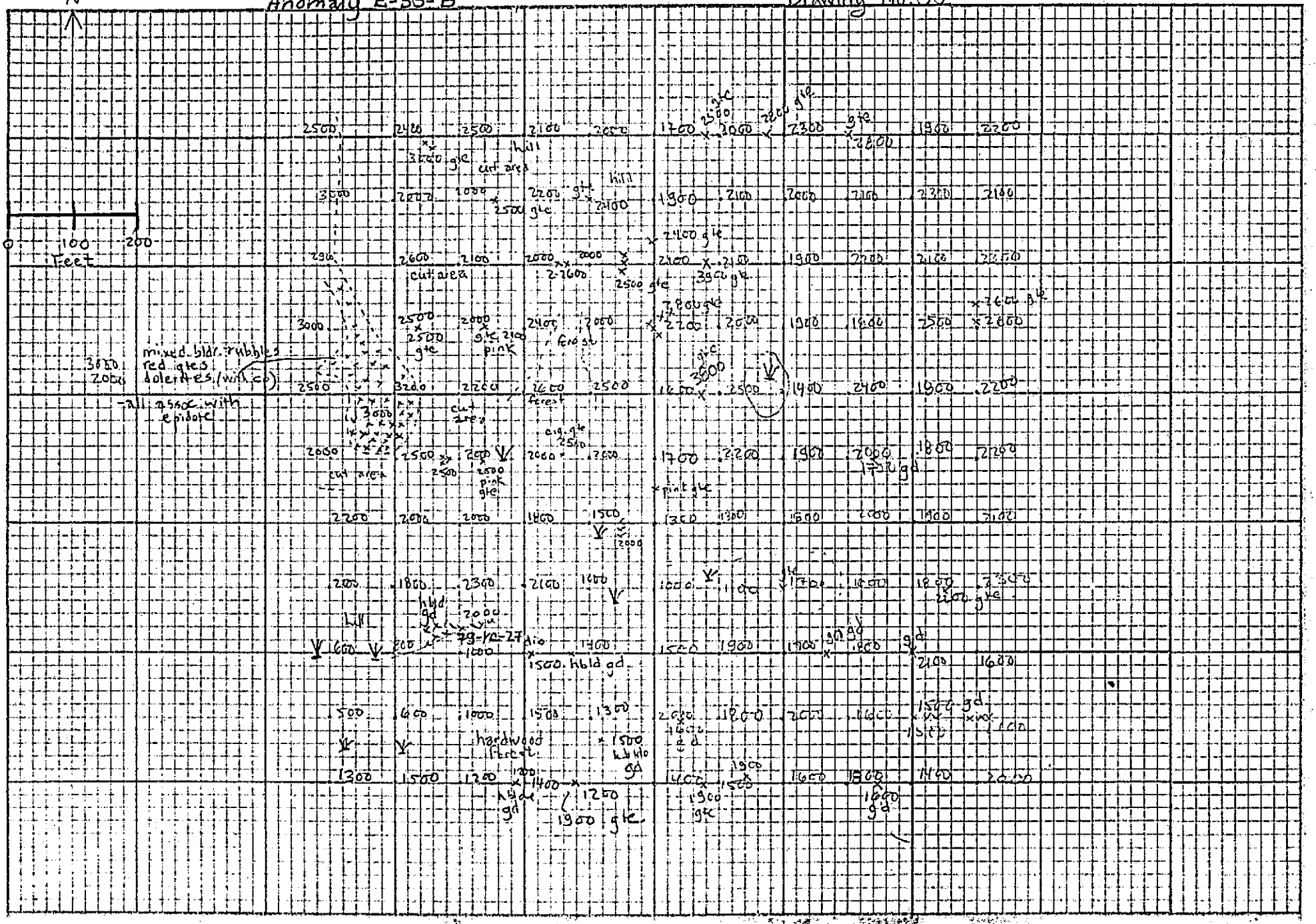
KRC + GMD 433183

Anomaly E-20-A Drawing No. 54



Scale: 1" = 200'
counts in cpm (TV-1A)

KRC + GMD 433183

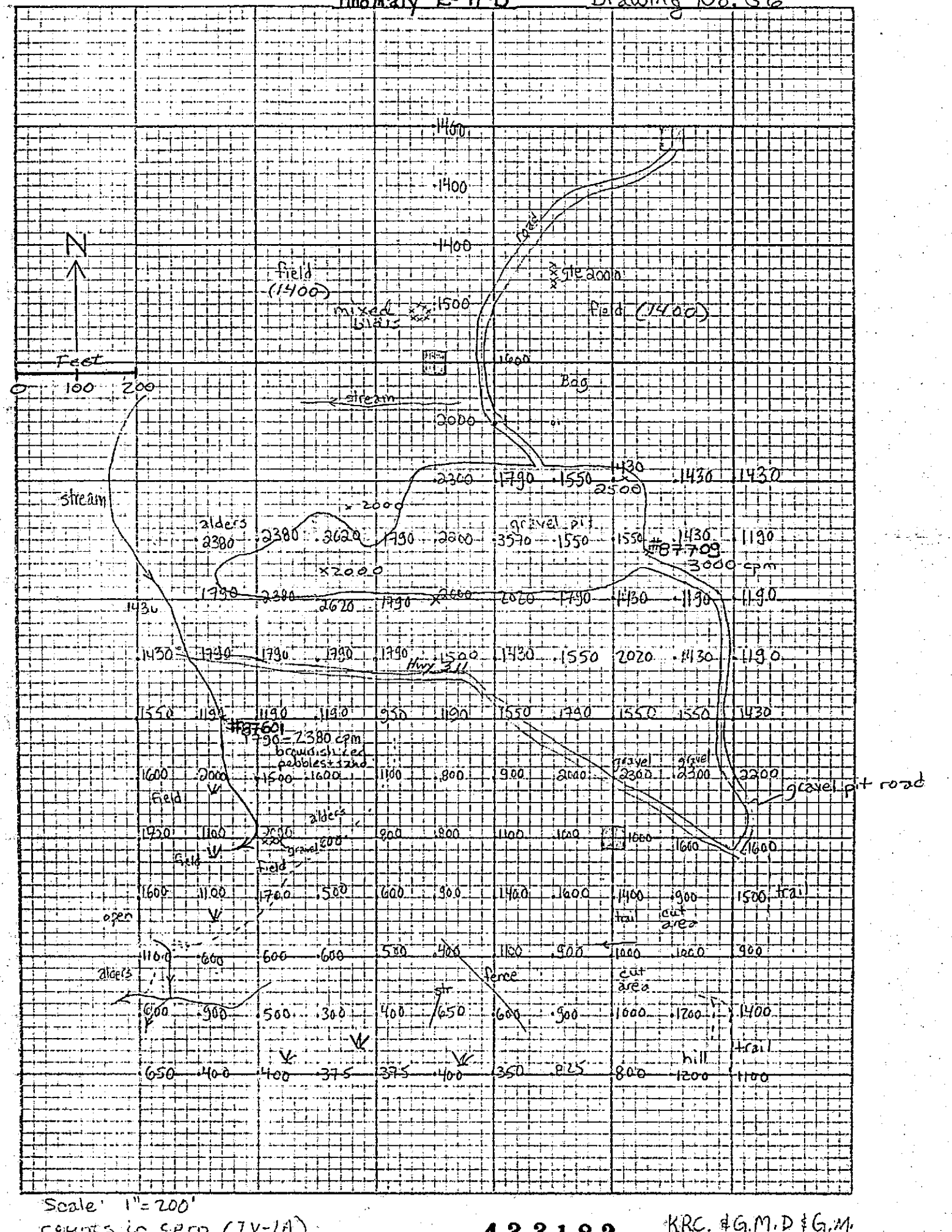


Scale: 1" = 200'
counts in cpm (TV-1A)

K.C. + G.M.D. 433183

Anomaly E-41-B

Drawing No. 56



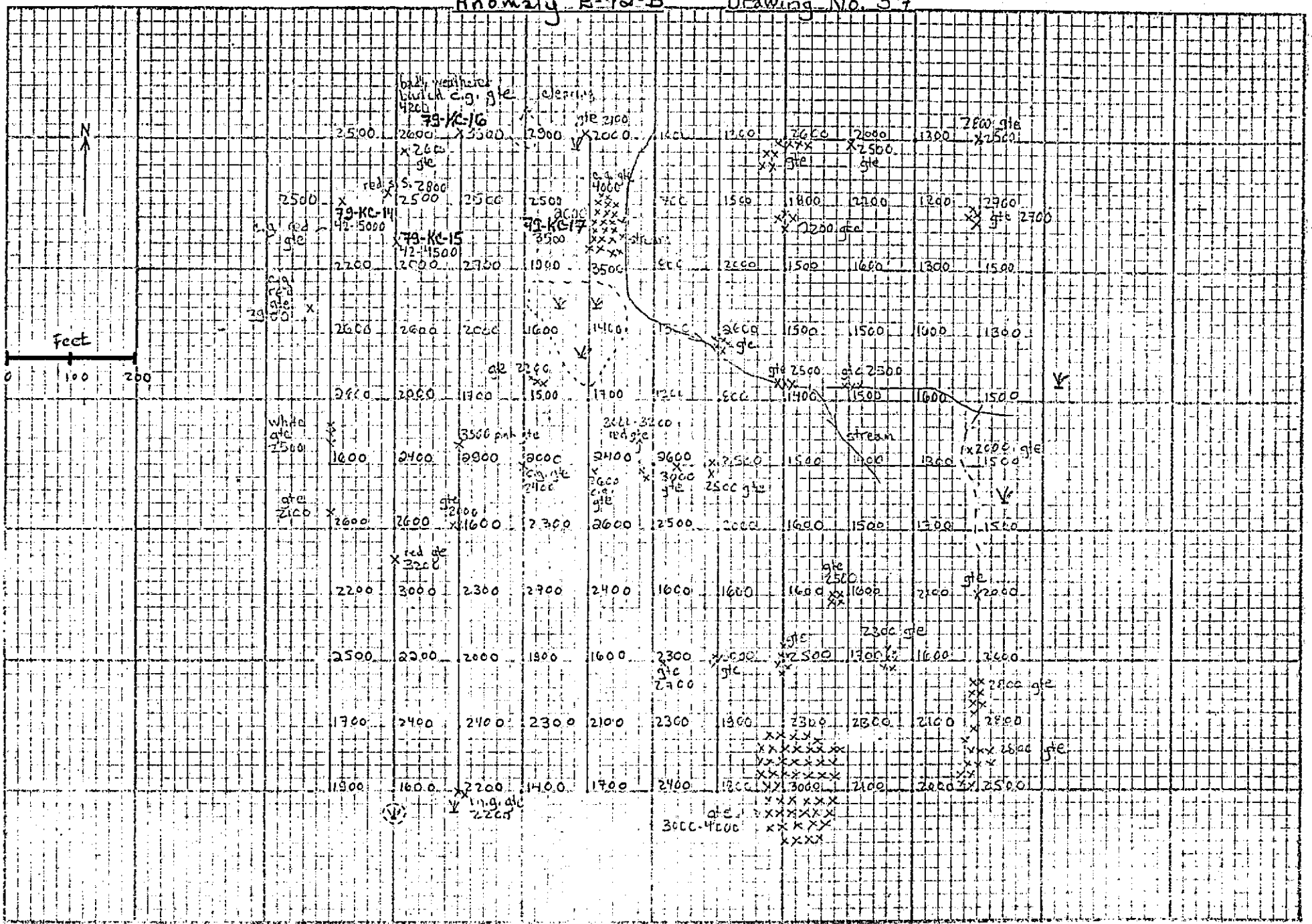
Scale 1" = 200'

counts in cpm (TV-1A)

433183

KRC. & G.M.D & G.M.

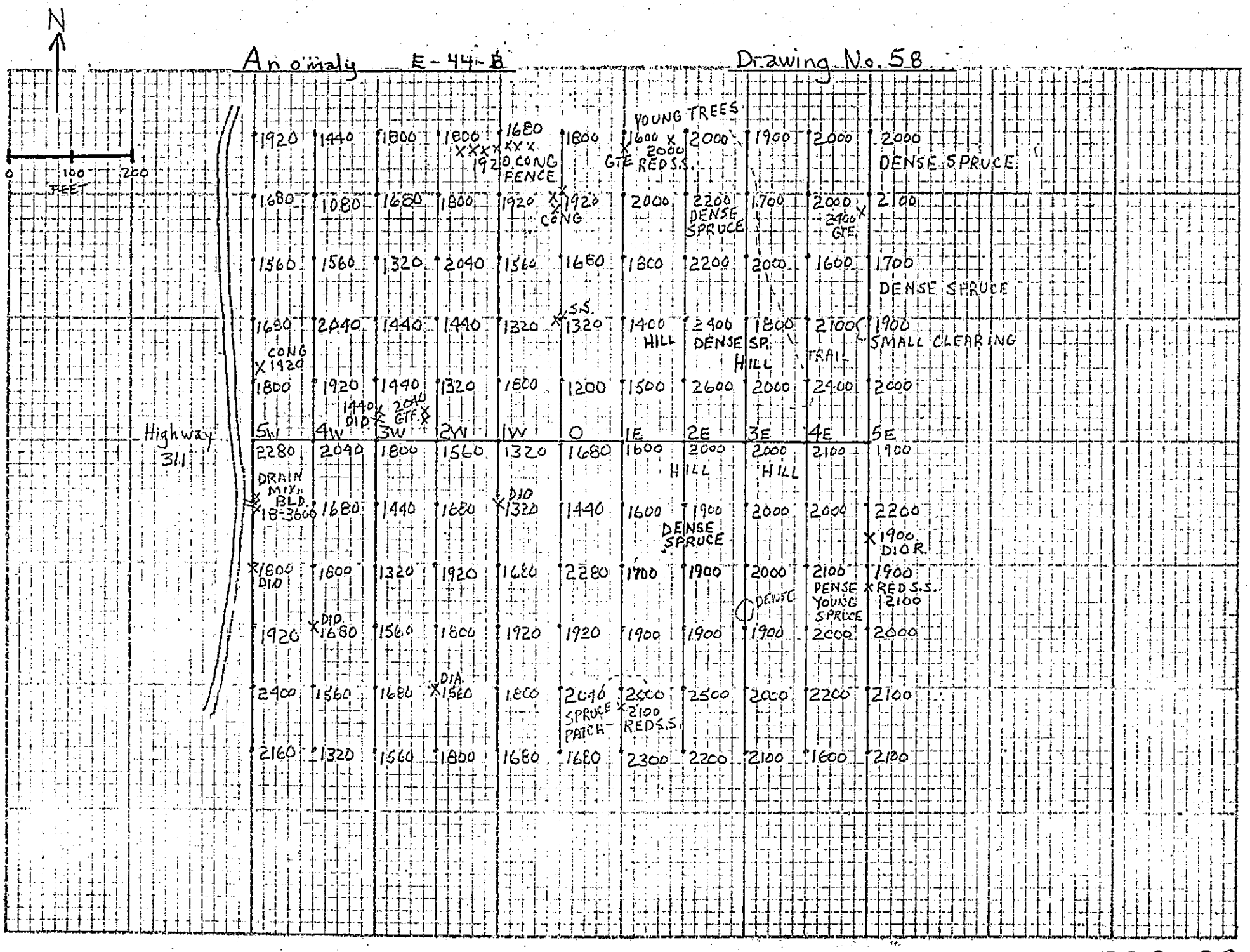
Anomaly E-42-B Drawing No. 57



Scale 1"=200
counts in cpm (TV-1A)

433183

KRC + GMD

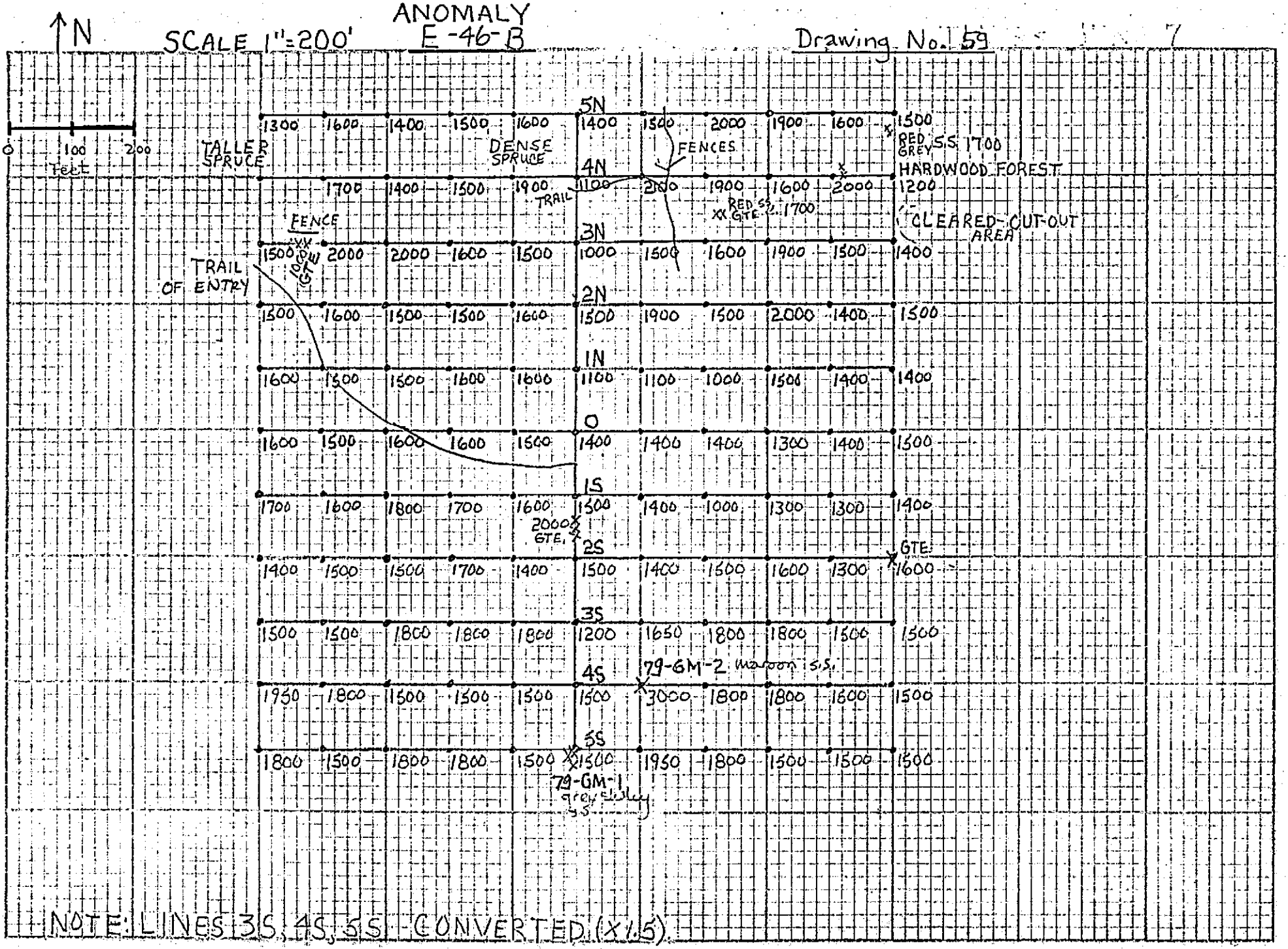


SCALE: 1" = 200'

counts in SPM (TY-1A)

K.C. AND G.M.D.

433183

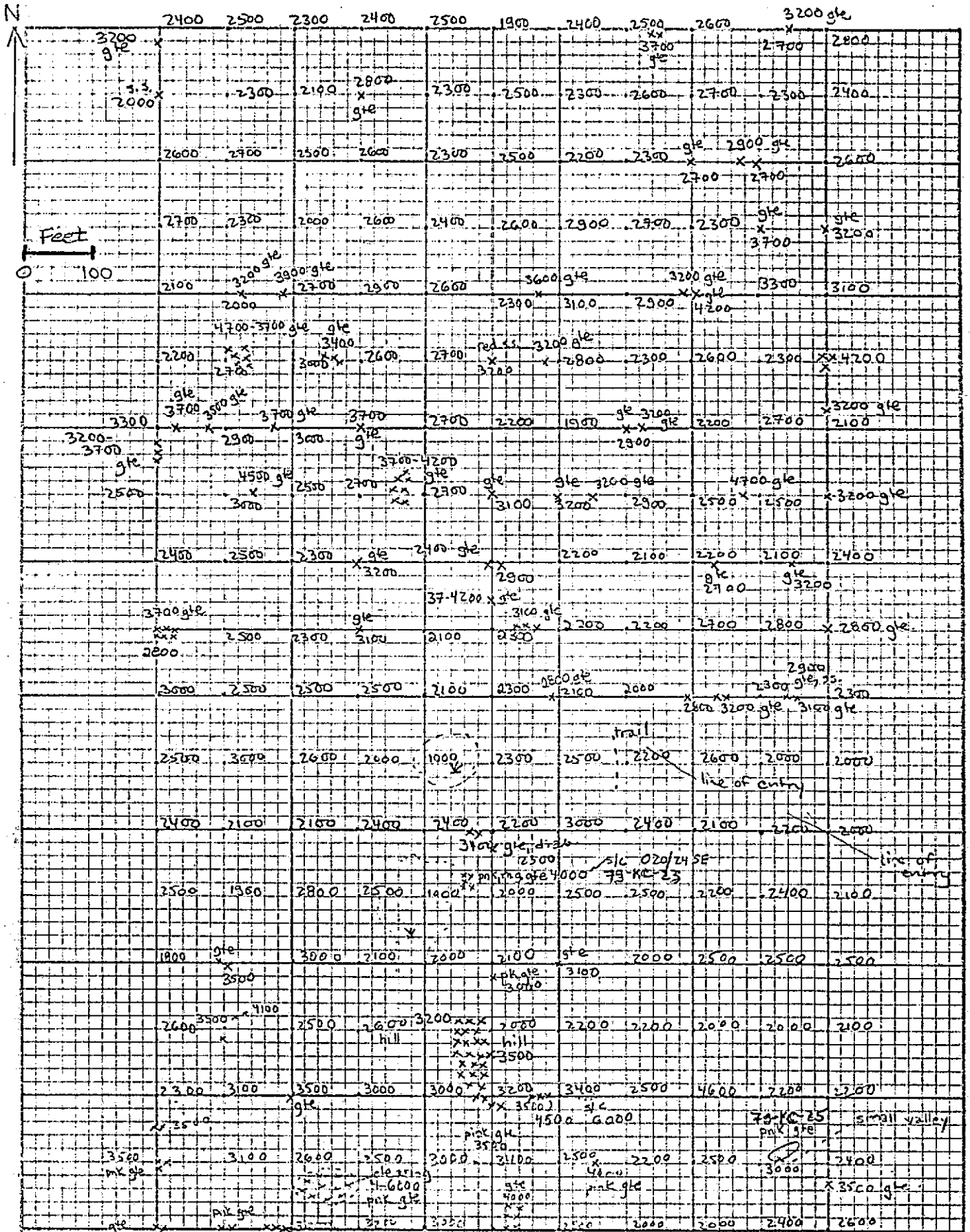


NOTE: LINES 3S, 4S, 5S CONVERTED (X1.5).

counts in cpm (TV-1A)

433183

K.C., G.M.D + G.M.



Scale: 1"=200'
Counts in cpm (TU-1A)

433183

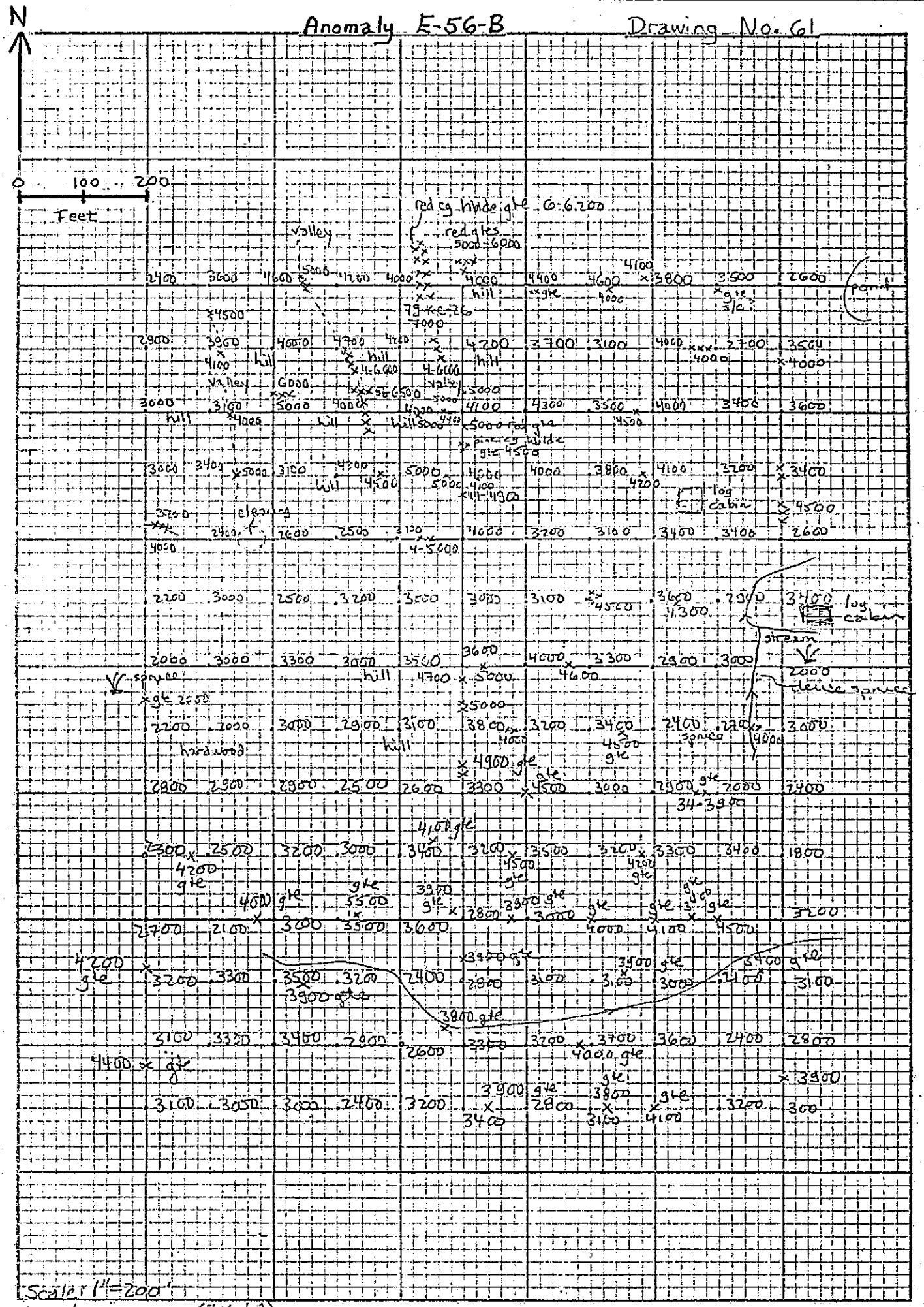
KRC+GMD

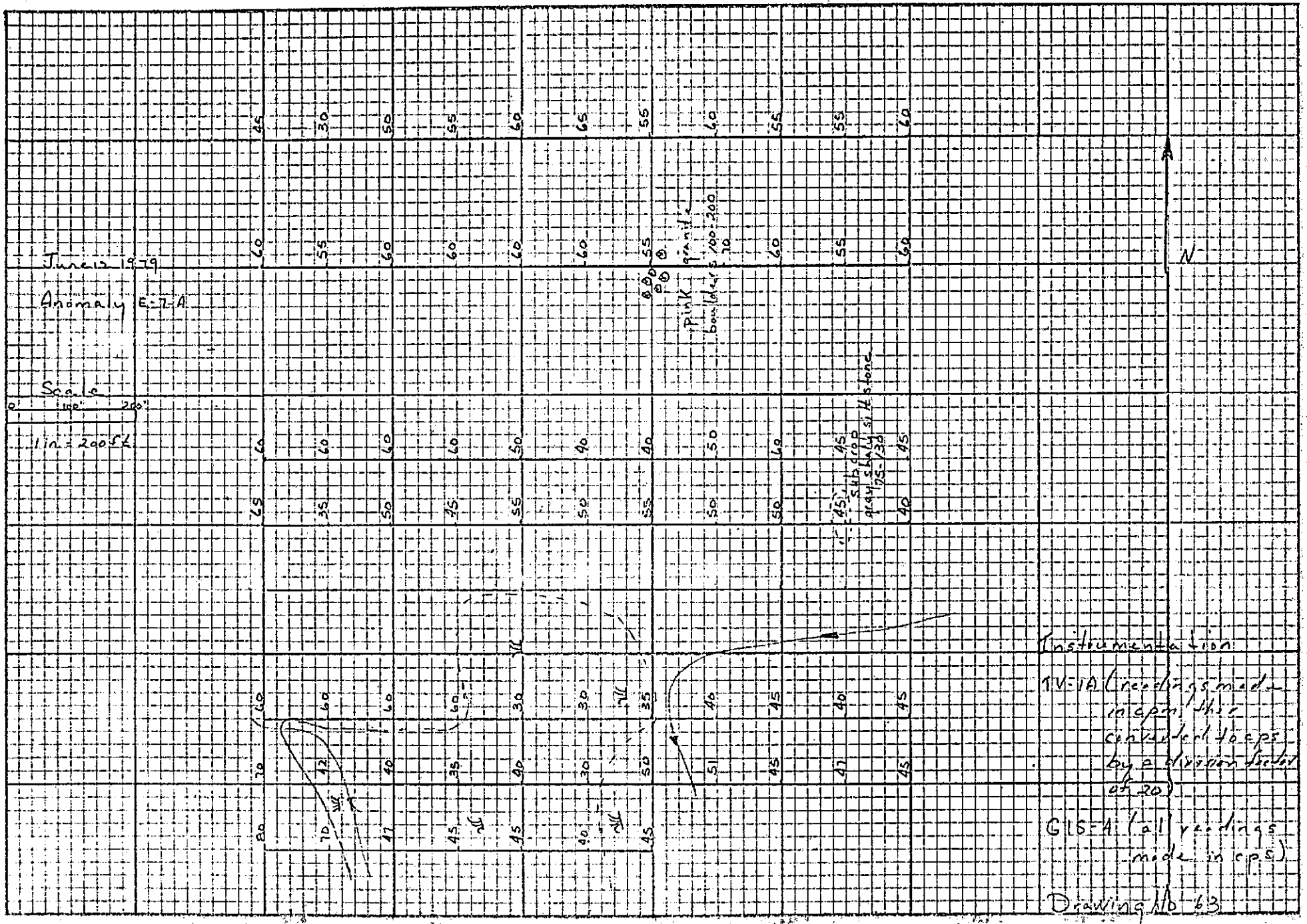
Anomaly E48C & 48B.

Drawing No 60

Anomaly E-56-B

Drawing No. 61

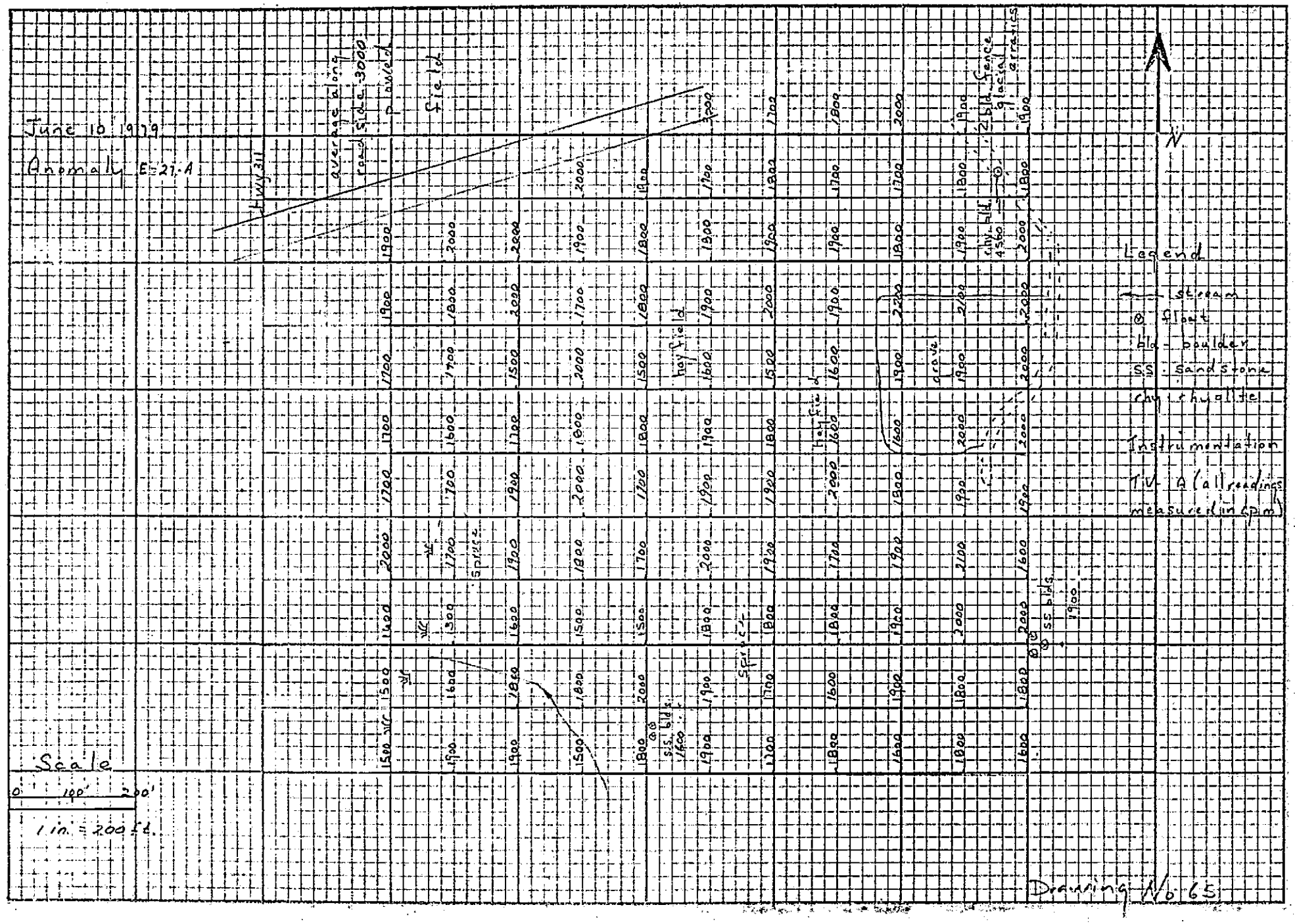



June 12 1979
Anomaly E-7-A
Scale
0 100' 200'
1 in = 200 ft
N
pink granite
boulders 100-200
subcrop
gray shaly siltstone
75-130
Instrumentation
TV-1A (readings made in cpm, then converted to cps by a division factor of 20)
GIS-4 (all readings made in cps)
Drawing No 63

433183


June 8 1979
Anomalies
E-20-A &
E-27-B
grey sandstone
boulder pile 100-200
glacial erratics 100-750
Instrumentation
TV-1A (readings made in cpm, then converted to cps. by a division factor of 20)
Drawing No 64
GIS-4 (cps)

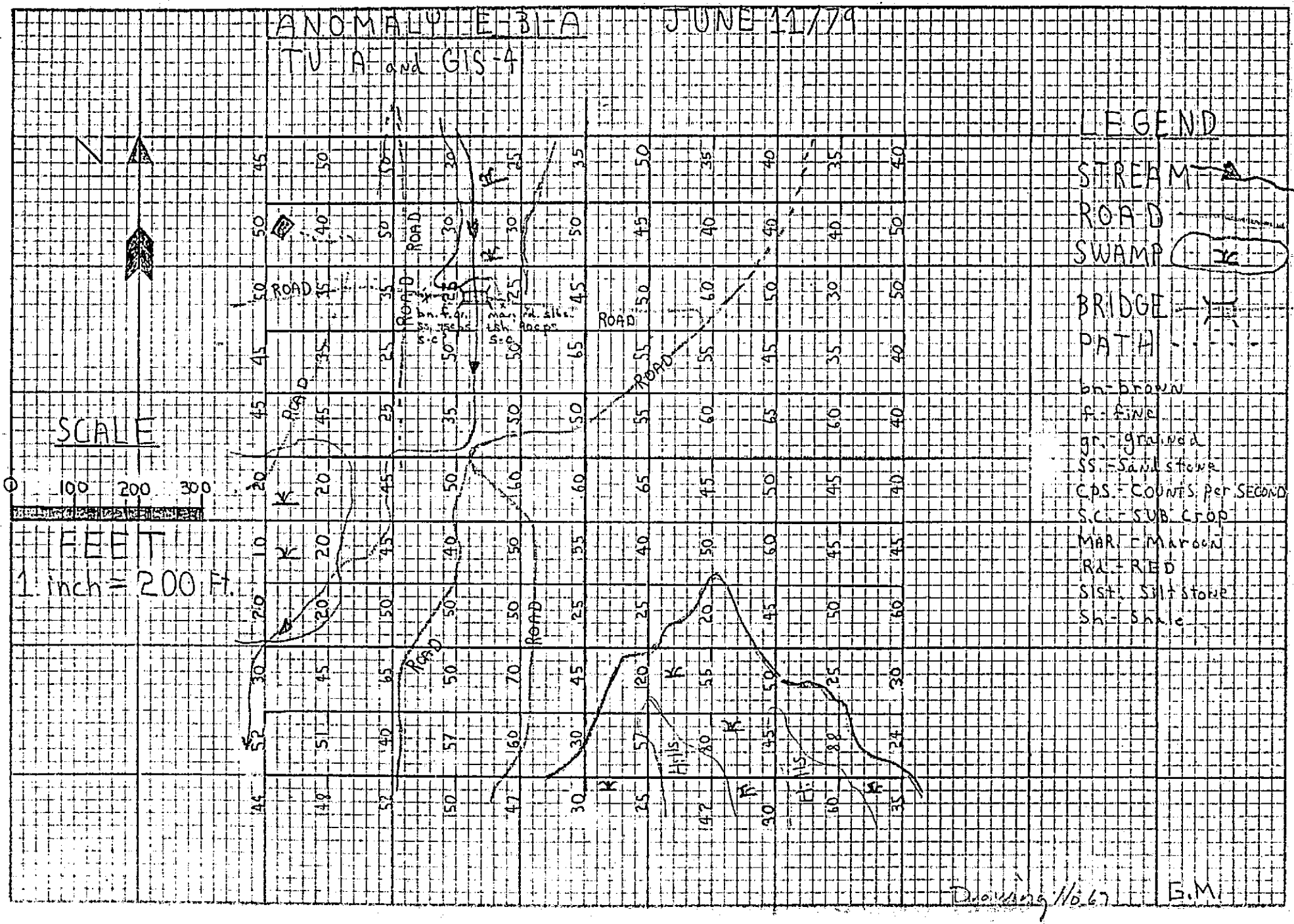
433183


June 10 1979
Anomaly E-27-A
Hwy 311
average along road side 3000
plowed field
hay field
crave
spruce
bld. fence glacial erratics
chy. bld. 4560
ss. blds. 1600
ss. blds. 1900
N
Legend
stream
float
bld - boulder
SS - sandstone
chy - chyolite
Instrumentation
TV - A (all readings measured in cpm)
Scale
0 100' 200'
1 in. = 200 ft.
Drawing No 65

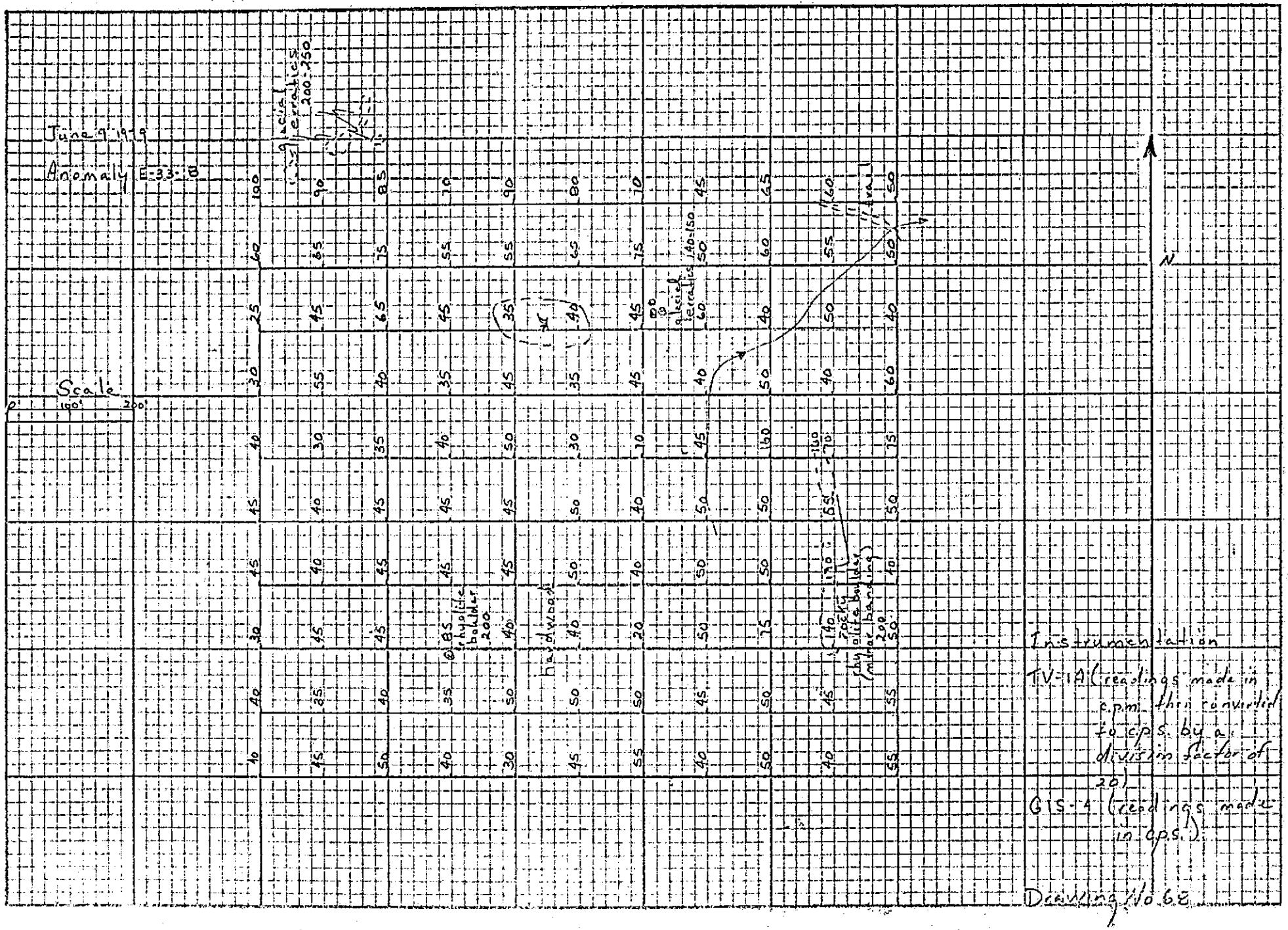
433183


June 14 1979
Anomaly E-28-6
Scale
0 100 200'
1in = 200 ft.
hardwood
cutover
gravel road
N
Instrumentation
TV-1A (all readings in c.p.m.)
Note: area containing numerous white hornblende granite boulders ranging from 1400 to 1800 cpm
Drawing 1/3 66 by KMK

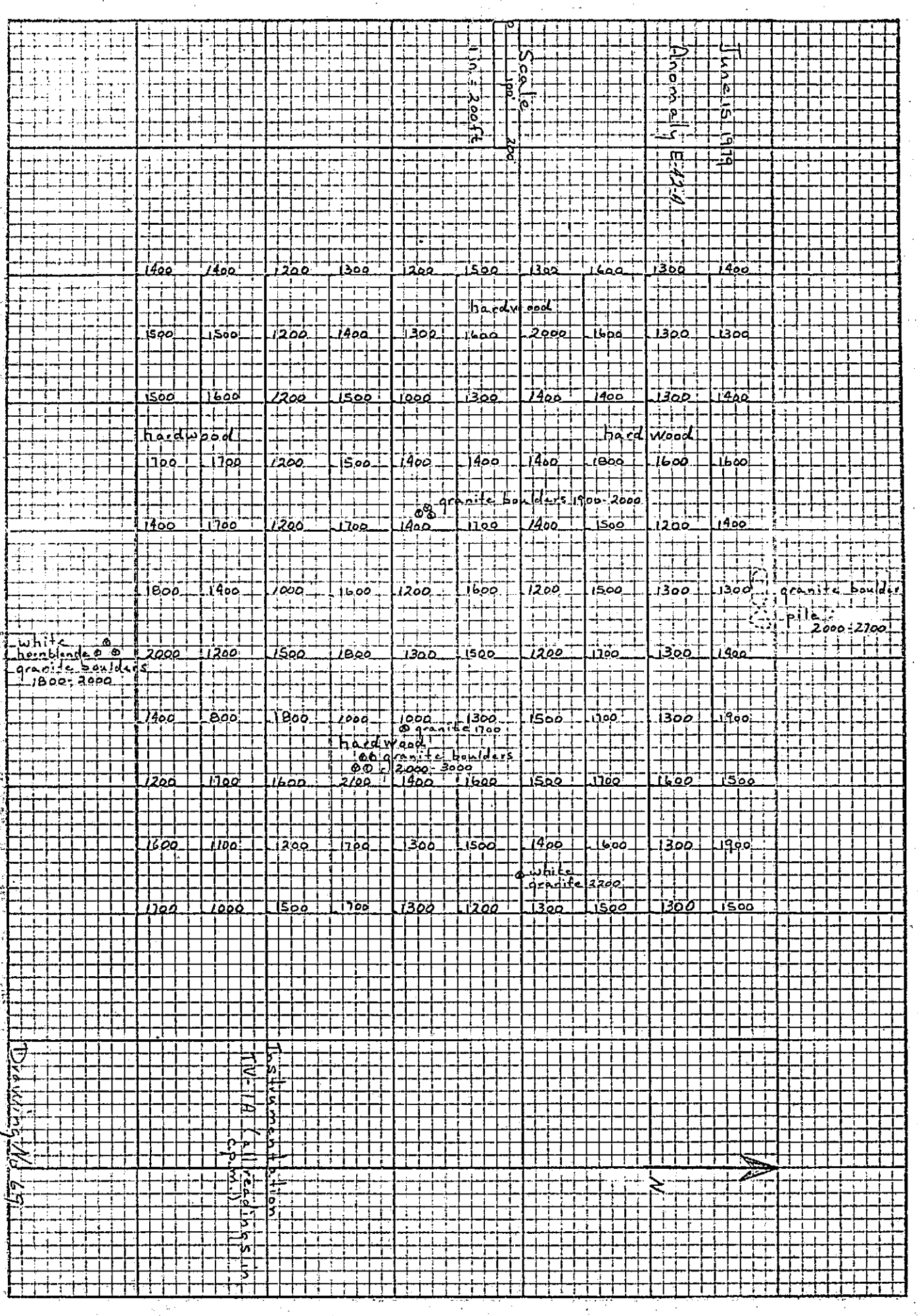
433183


ANOMALY E-3+A
JUNE 11/79
TU A and GIS-4
N
SCALE
0 100 200 300
FEET
1 inch = 200 ft.
LEGEND
STREAM
ROAD
SWAMP
BRIDGE
PATH
bn-brown
f-fine
gr-grained
SS-Sandstone
CPS-Counts per SECOND
S.C.-SUB Crop
MAR-Maroon
RD-RED
SISt-Siltstone
Sh-Shale
ROAD
Hills
Drawing No. 67
G.M.

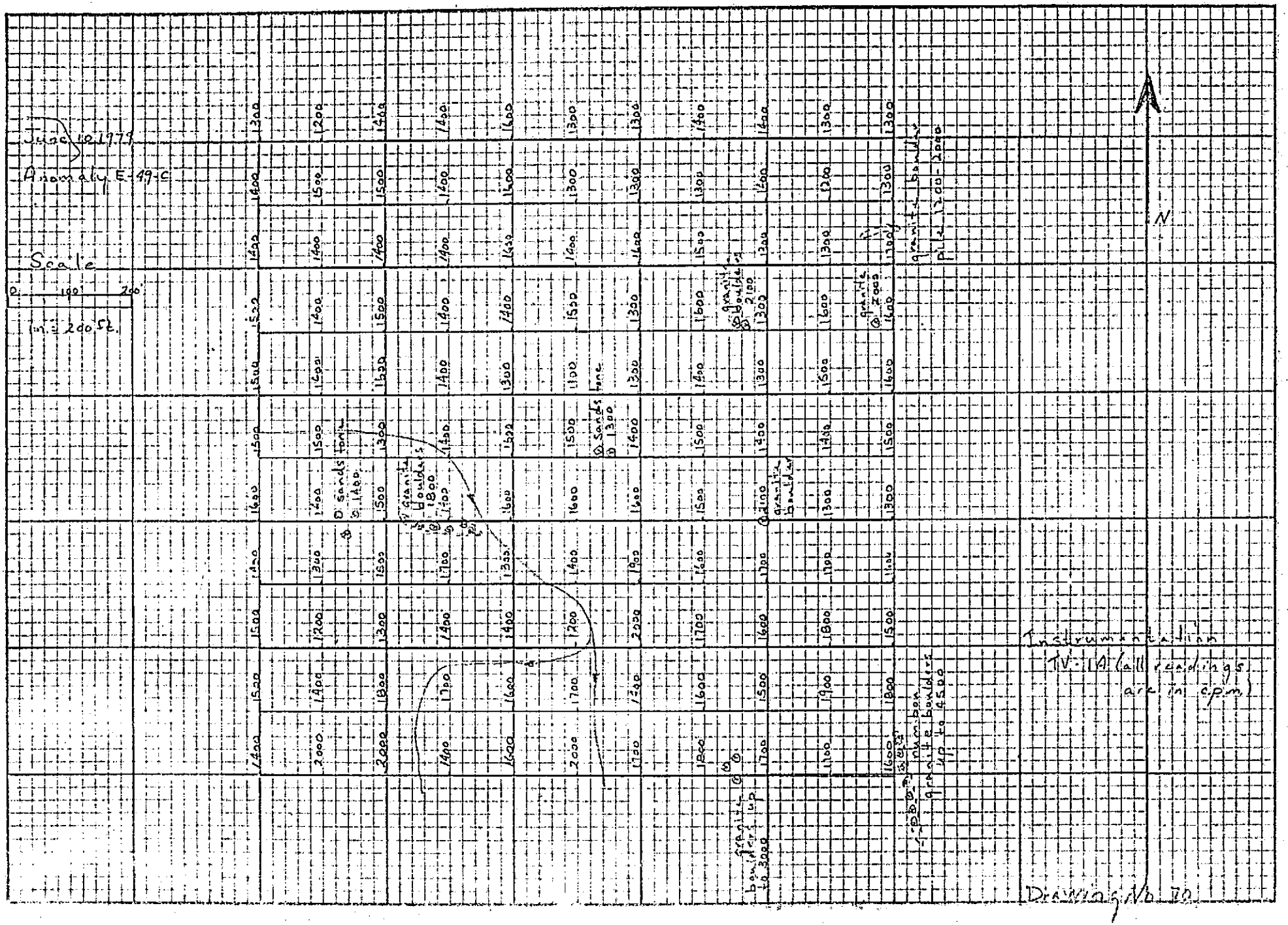
433183


June 9 1979
Anomaly E-33-B
Scale
0 100' 200'
N
glacial erratics 200-250
glacial erratics 140-150
trail
rhyolite boulder 200
hardwood
rocky rhyolite boulder (minor banding) 200
Instrumentation
TV-1A (readings made in c.p.m. then converted to c.p.s. by a division factor of 20)
GIS-4 (readings made in c.p.s.)
Drawing No 68

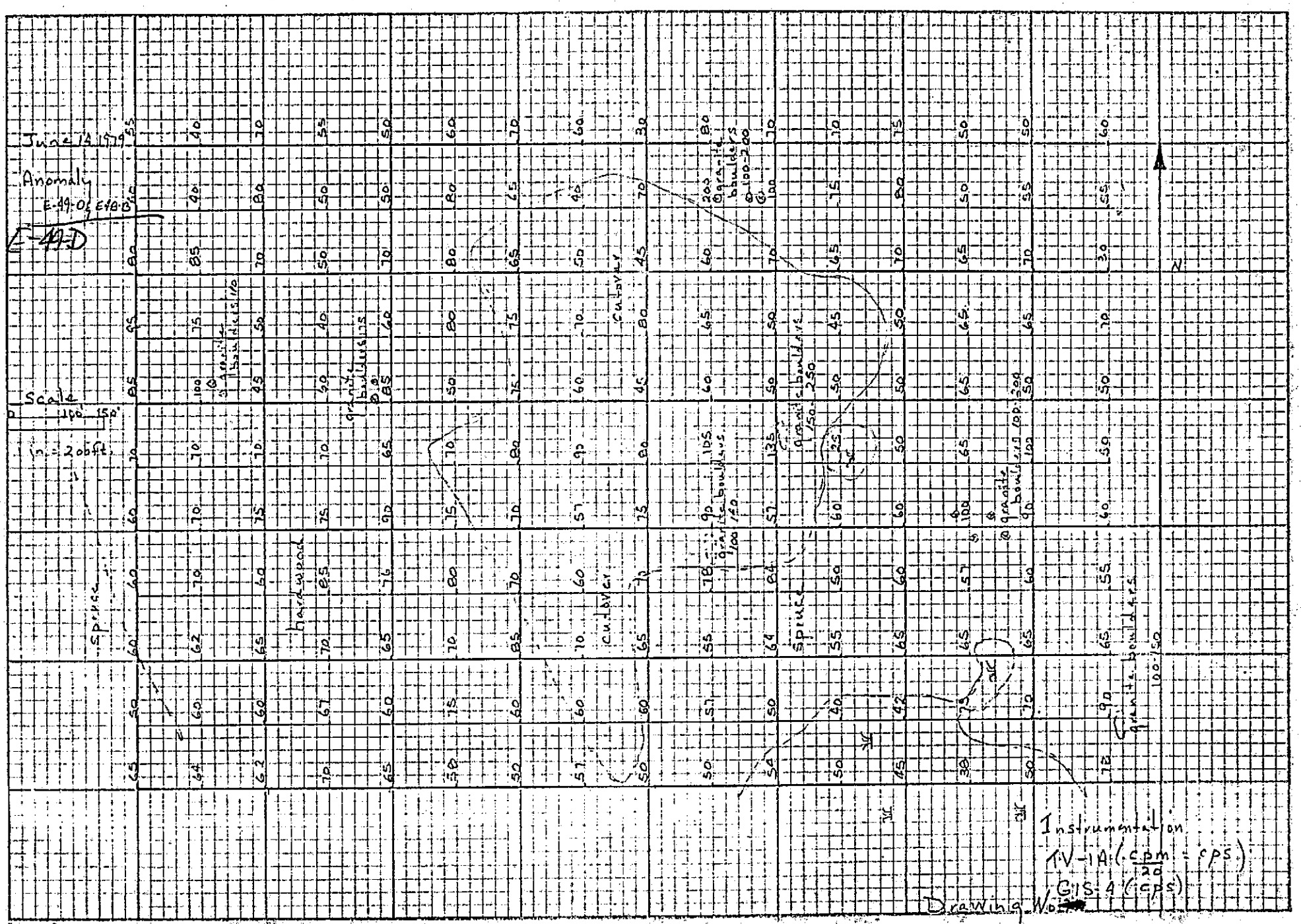
433183


Scale
1 in. = 200 ft.
200
June 15, 1979
Anomaly E-12-1
1400 1400 1200 1300 1200 1500 1300 1600 1300 1400
1500 1500 1200 1400 1300 1600 hardwood 2000 1600 1300 1300
1500 1600 1200 1500 1000 1300 1400 1400 1300 1400
hardwood 1700 1700 1200 1500 1400 1400 1400 1800 hard Wood 1600 1600
1400 1700 1200 1700 1400 granite boulders 1100 1400 granite boulders 1900-2000 1500 1200 1400
1800 1400 1000 1600 1200 1600 1200 1500 1300 1300 granite boulder
pile 2000-2700
white hornblende granite boulders 1800-2000 2000 1200 1500 1800 1300 1500 1200 1700 1300 1900
1400 800 1800 1000 1000 1300 granite 1700 1500 1700 1300 1900
hardwood granite boulders 2000-3000 2100 1400 1600 1500 1700 1600 1500
1600 1100 1200 1700 1300 1500 1400 1600 1300 1900
white granite 3200
1700 1000 1500 1700 1300 1200 1300 1500 1300 1500
TV-1A (all readings in c.p.m.)
Instrument stations
Drawing No. 5
N

4331183


June 10 1979
Anomaly E-49-C
Scale
0 100' 200'
m = 200 ft.
N
granite boulder pile 1200-2000
granite boulders 2100
granite 2000
sands tone 1300
sands tone 1400
granite boulders 1800
granite boulder
granite boulders up to 3000
rumbon granite boulders up to 4500
Instrumentation
TV-1A (all readings are in cpm)
Drawing No 70

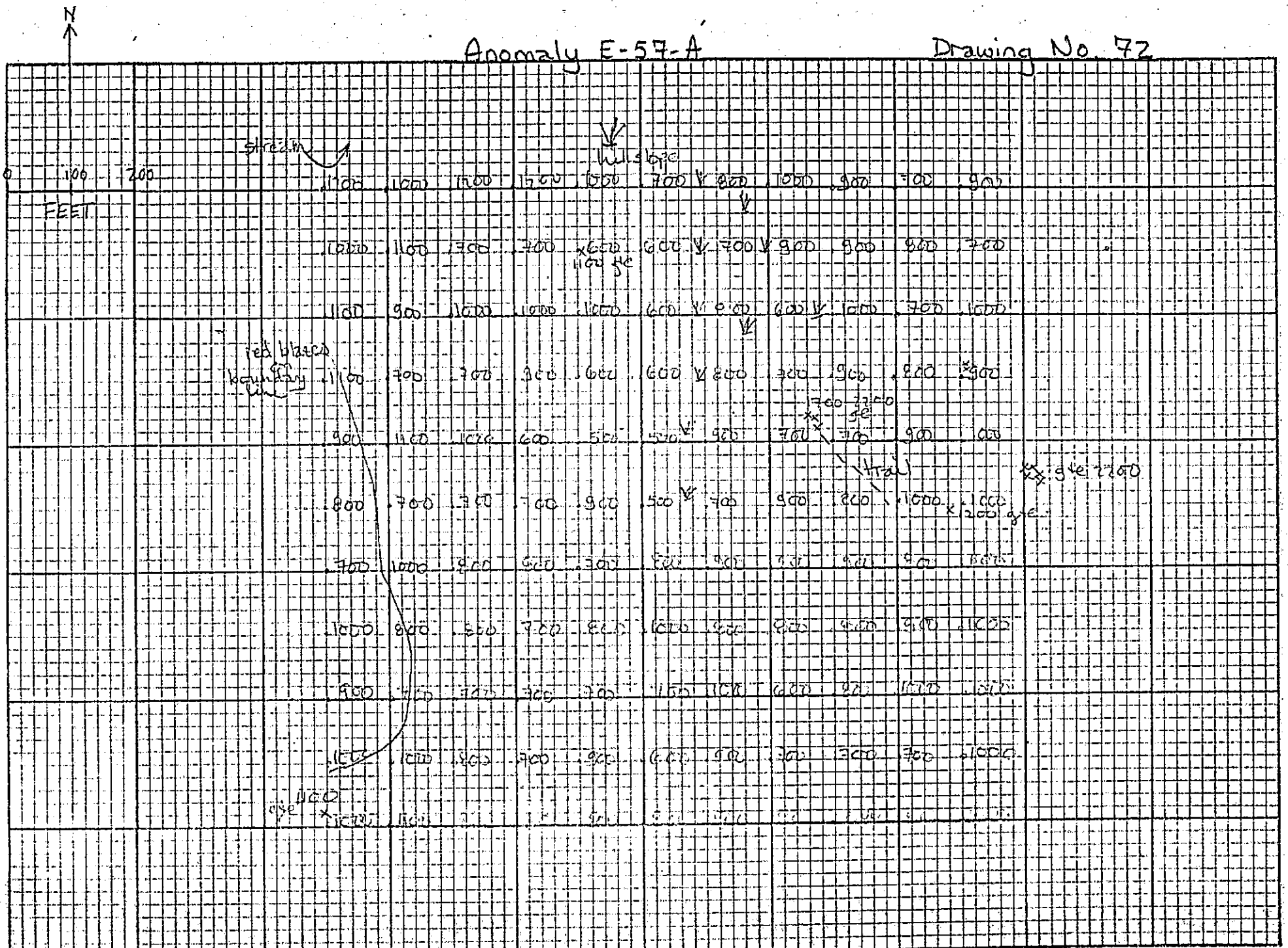
433183



No 71 KMK 433183

Anomaly E-57-A

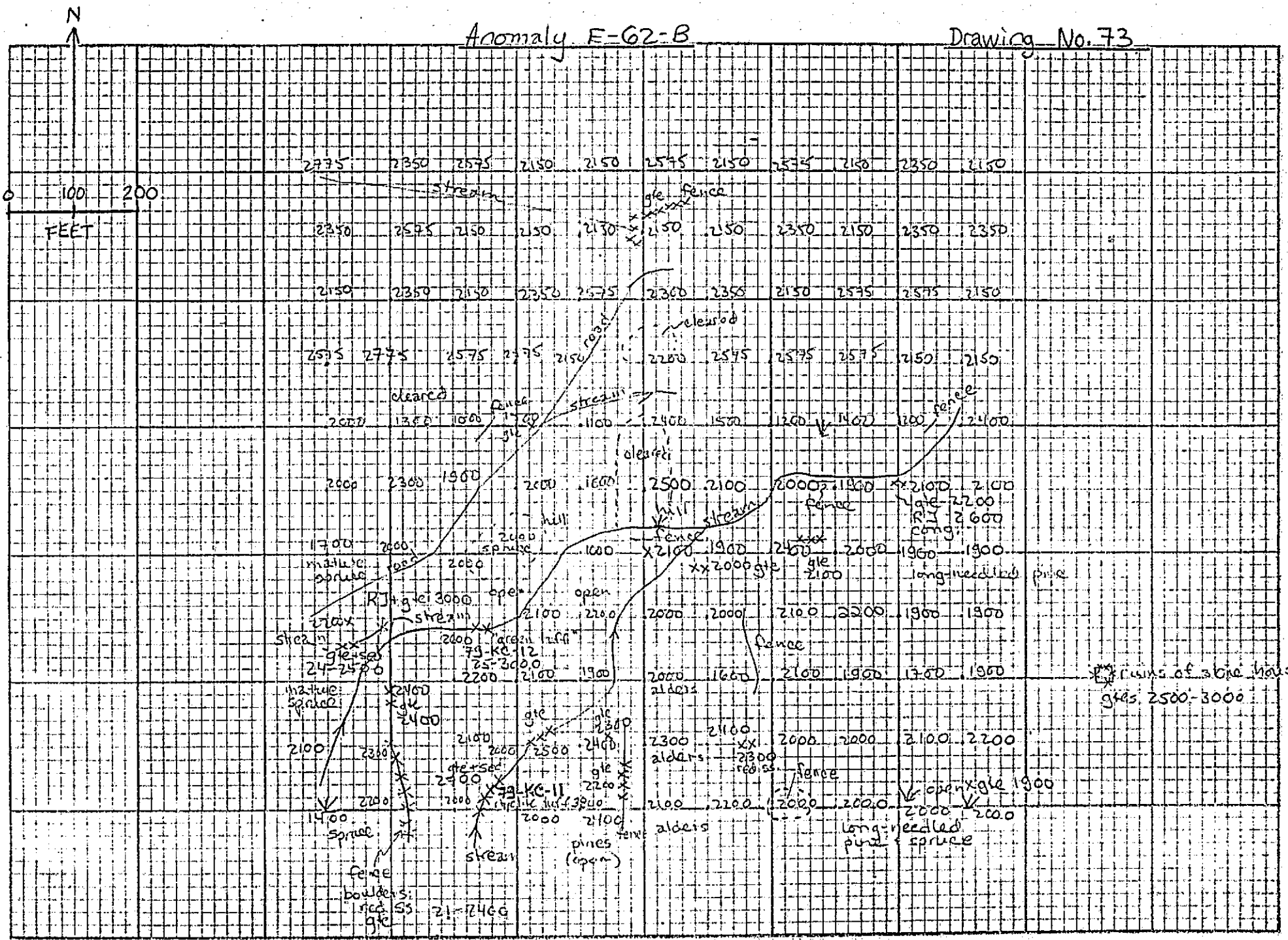
Drawing No. 72

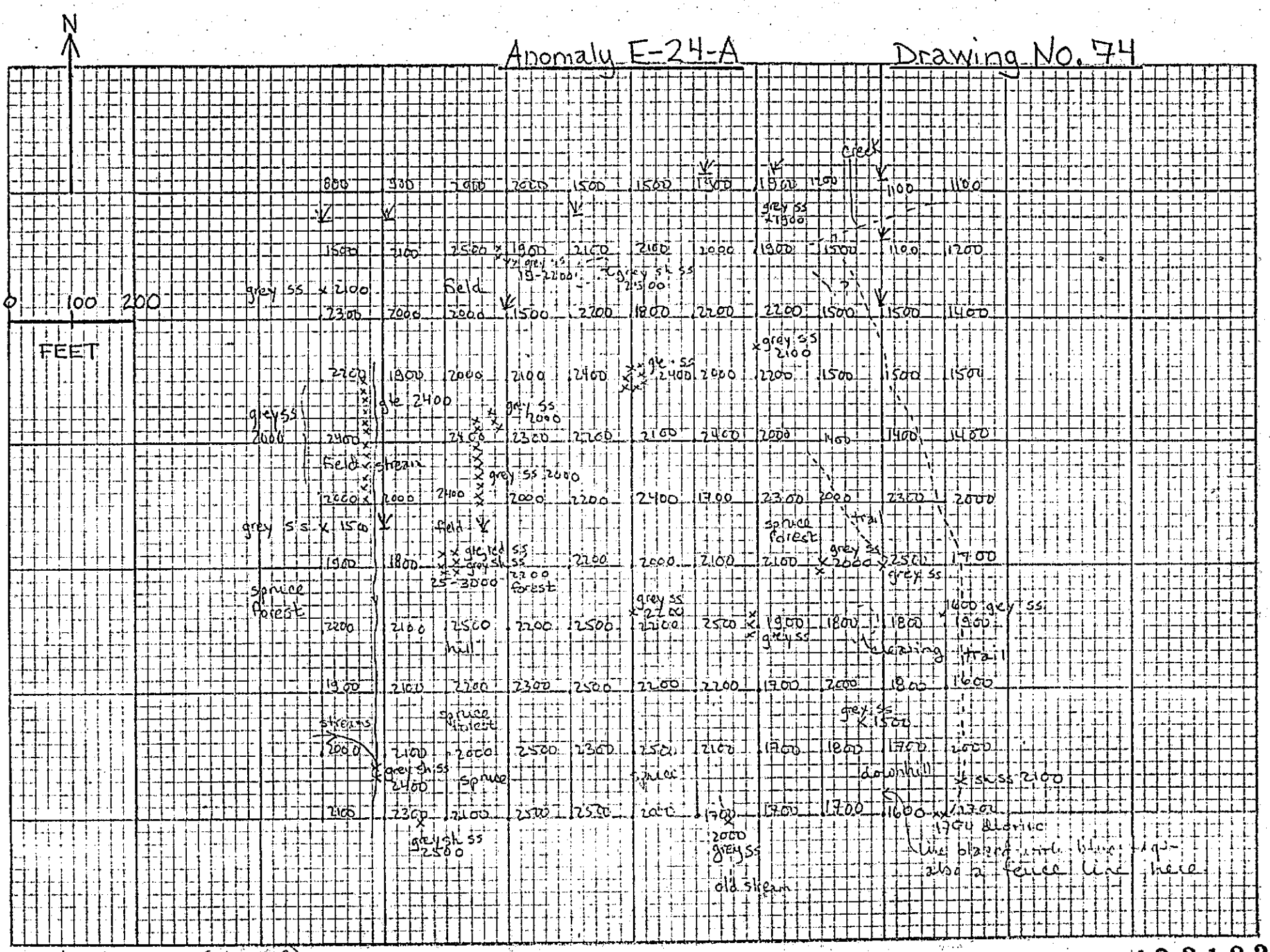


counts in cpm (TV-1A)

KRC + GMD

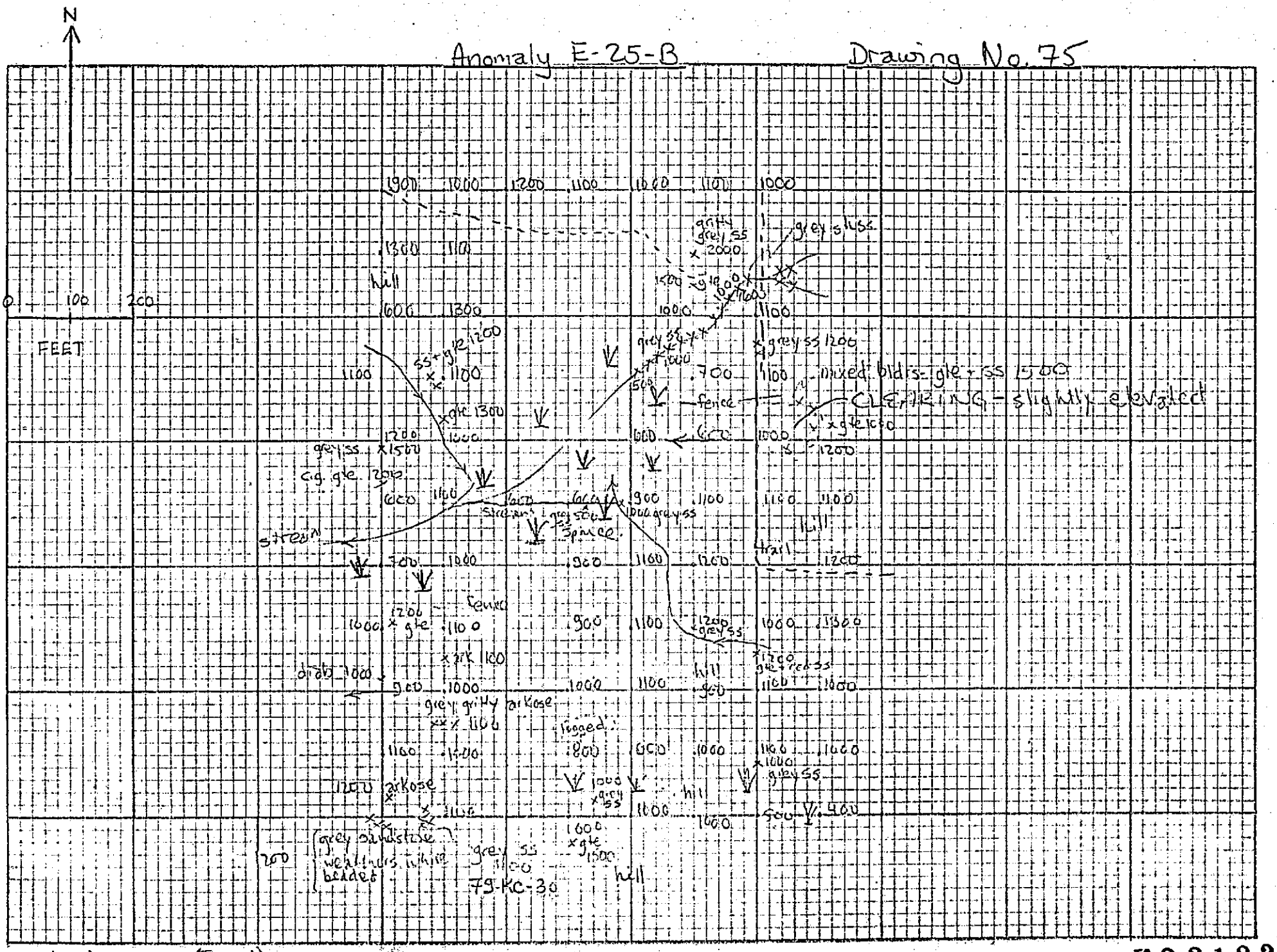
433183


N
Anomaly E-62-B
Drawing No. 73
0 100 200
FEET
Counts in cpm (TV-1A)
K.C. + G.M.D. 433183



Counts in cpm (TV-1A)

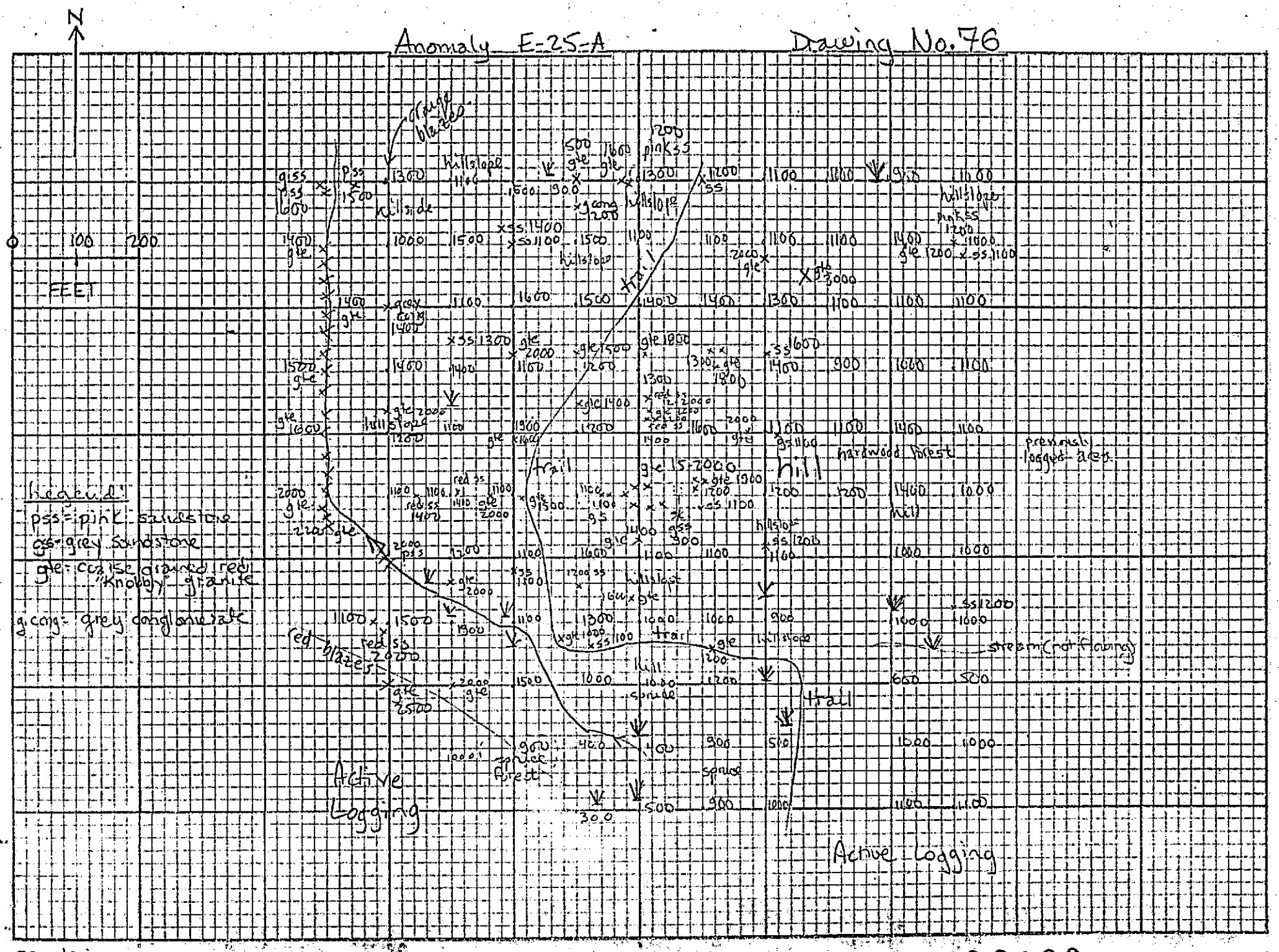
KRC 433183



counts in cpm (TV-1A)

KRC

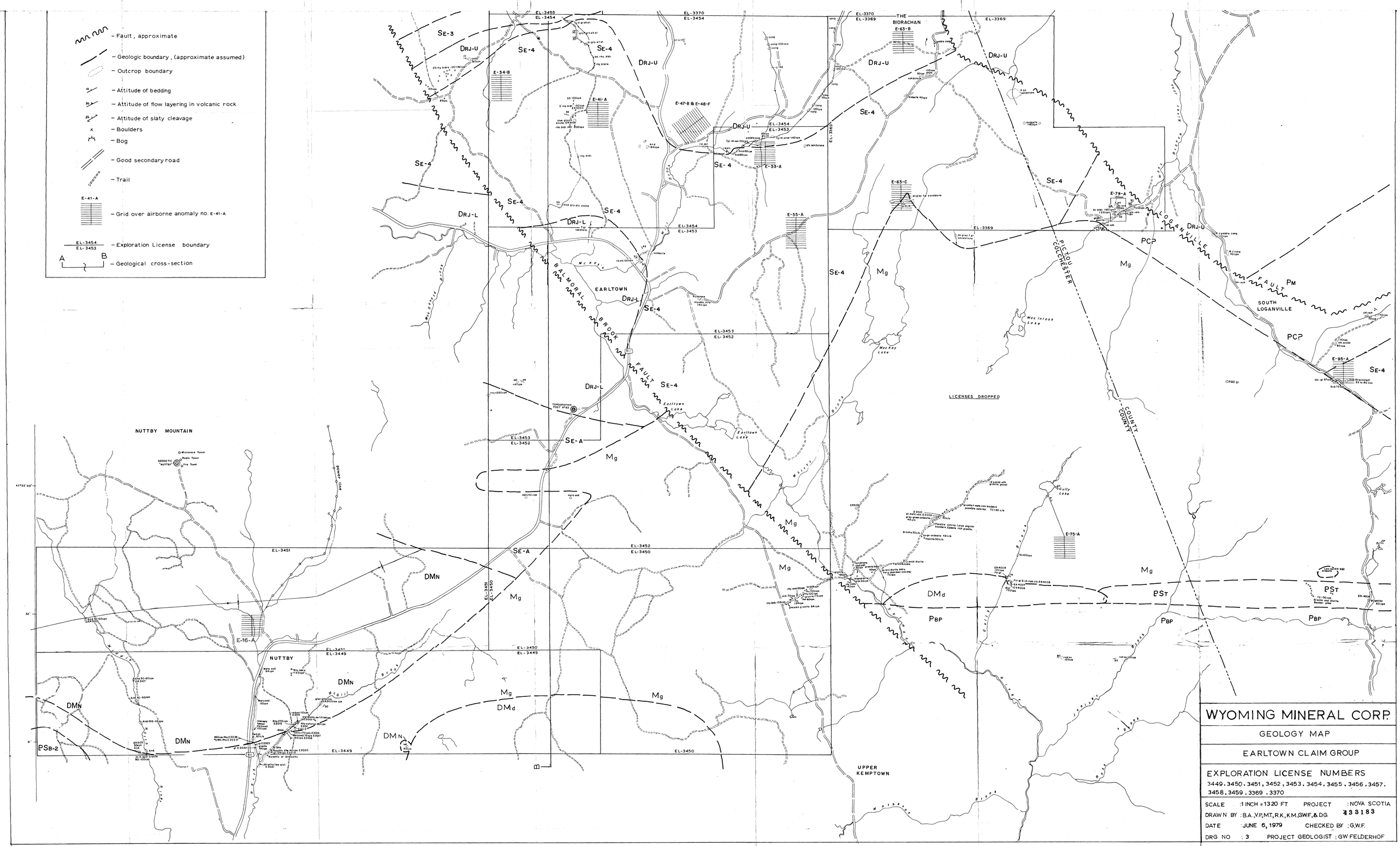
Anomaly E-25-A Drawing No. 76



counts in cpm

433183

KRC



WYOMING MINERAL CORP.

GEOLOGY MAP

EARLTOWN CLAIM GROUP

EXPLORATION LICENSE NUMBERS
3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370

SCALE	: 1 INCH = 1320 FT	PROJECT	: NOVA SCOTIA
DRAWN BY	: B.A., V.P., M.T., R.K., K.M., G.W.F., & D.G.		433183
DATE	: JUNE 6, 1979	CHECKED BY	: G.W.F.
DRG NO	: 3	PROJECT GEOLOGIST	: GW FELDERHOF

- Fault, approximate
- Geologic boundary, (approximate assumed)
- Outcrop boundary
- Attitude of bedding
- Attitude of flow layering in volcanic rock
- Attitude of slaty cleavage
- Boulders
- Bog
- Good secondary road
- Trail
- E-41-A — Grid over airborne anomaly no. E-41-A
- EL-3454 / EL-3453 — Exploration License boundary
- A — B — Geological cross-section

SE-3 SE-4 SE-A DRJ-U DRJ-L DMN DMd Mg PCP PM PSB-2 PST PBP

EL-3455 EL-3454 EL-3370 EL-3454 EL-3370 EL-3369 EL-3369 EL-3454 EL-3453 EL-3454 EL-3453 EL-3453 EL-3452 EL-3452 EL-3450 EL-3451 EL-3449 EL-3450 EL-3449 EL-3451 EL-3450 EL-3449

E-34-B E-41-A E-47-B & E-48-F E-53-A E-55-A E-63-B E-63-C E-79-A E-95-A E-41-B E-46-B E-44-B E-33-B E-49-C E-75-A E-7-A E-24 E-12-A E-16-A E-20-A E-27-A E-31-A E-20B&21-A E-24-A E-25-B E-25-A E-28-A E-35-B E-48C&B E-48-A & 49-D E-42-B E-42-A E-56-B

THE BIORACHAN

BALMORAL BROOK FAULT

EARLTOWN

Earltown Lake

NUTTBY MOUNTAIN

Microwave Tower, Radio Tower, Fire Tower, GEODETIC "NUTTBY"

power line

NUTTBY

PICTOU COLCHESTER COUNTY

LOGANVILLE FAULT

SOUTH LOGANVILLE

UPPER KEMPTOWN

LICENSES DROPPED

Mc Kay's Brook, Mc Gowan Brook, Mc Kay Lake, Mc Intosh Lake, Gully Brook, Gully Lake, Waters Brook, Middle River, Logan Brook, Mc Donald Brook, Mc Kenzie Brook, Middle River

WYOMING MINERAL CORP.

GEOLOGY MAP 233183

EARLTOWN CLAIM GROUP

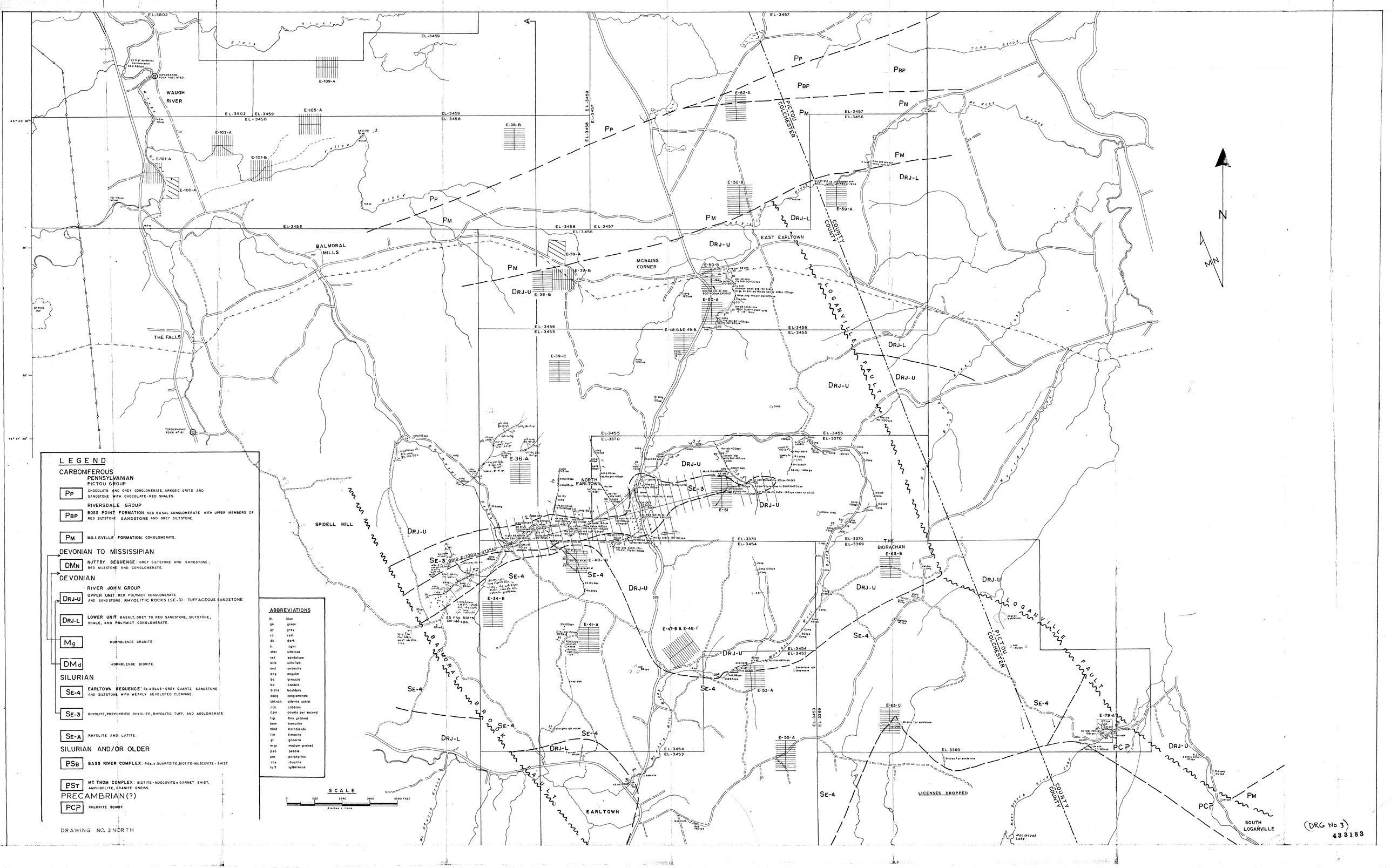
EXPLORATION LICENSE NUMBERS
3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370

SCALE : 1 INCH = 1320 FT PROJECT : NOVA SCOTIA

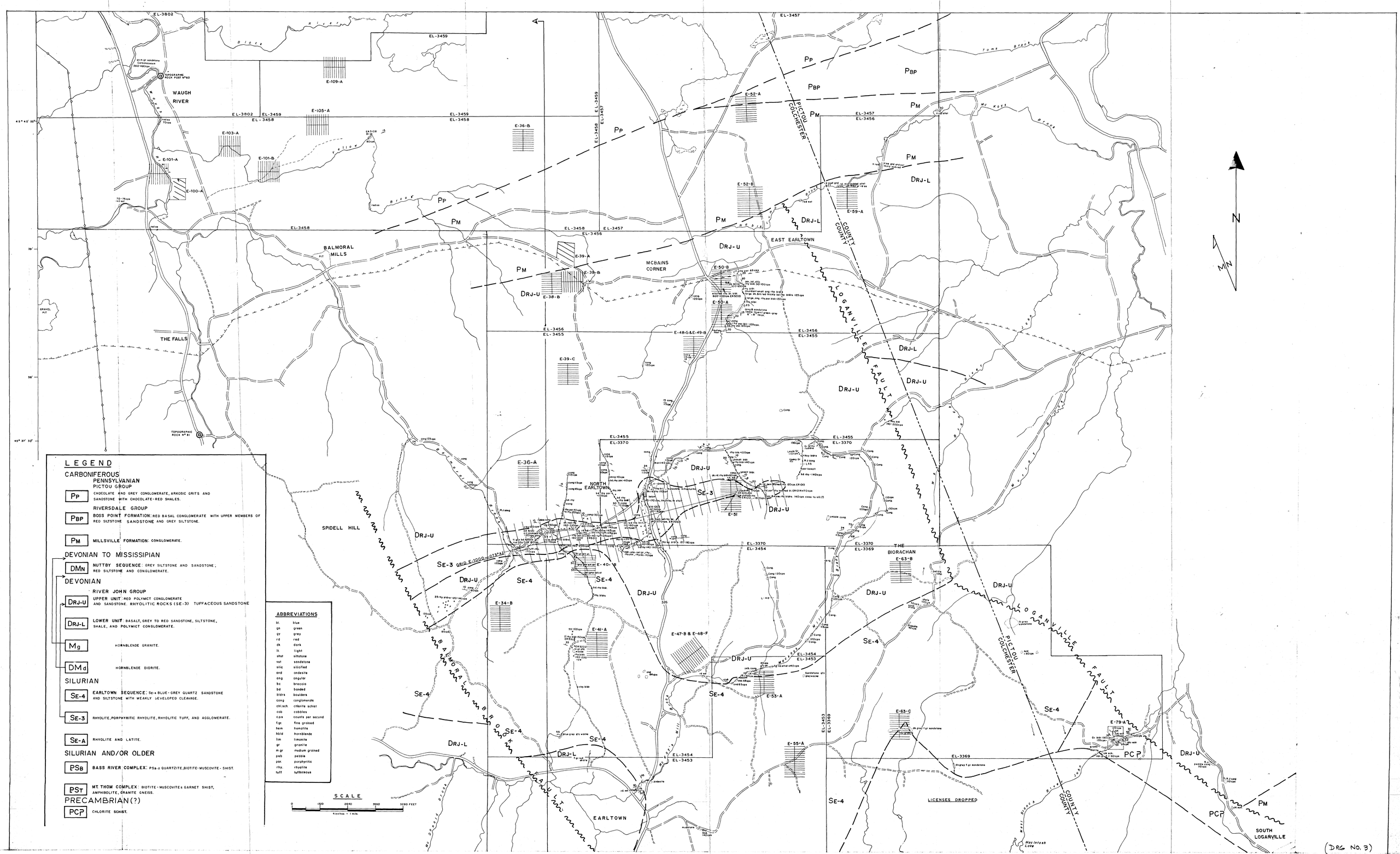
DRAWN BY : B.A., V.P., M.T., R.K., K.M., G.W.F., & D.G.

DATE : JUNE 6, 1979 CHECKED BY : G.W.F.

DRG NO : 3 South PROJECT GEOLOGIST : G.W. FELDERHOF



WAUGH RIVER
BALMORAL MILLS
THE FALLS
MCBAINS CORNER
EAST EARLTOWN
NORTH EARLTOWN
SPIDELL HILL
THE BIORACHAN
EARLTOWN
SOUTH LOGANVILLE
LOGANVILLE FAULT
PICTOU COLCHESTER COUNTY
BALMORAL BROOK FAULT
LICENSES DROPPED
N
MN
LEGEND
CARBONIFEROUS
PENNSYLVANIAN
PICTOU GROUP
Pp CHOCOLATE AND GREY CONGLOMERATE, ARKOSIC GRITS AND SANDSTONE WITH CHOCOLATE-RED SHALES.
RIVERSDALE GROUP
PBP BOSS POINT FORMATION: RED BASAL CONGLOMERATE WITH UPPER MEMBERS OF RED SILTSTONE SANDSTONE AND GREY SILTSTONE.
PM MILLSVILLE FORMATION: CONGLOMERATE.
DEVONIAN TO MISSISSIPIAN
DMN NUTTBY SEQUENCE: GREY SILTSTONE AND SANDSTONE; RED SILTSTONE AND CONGLOMERATE.
DEVONIAN
RIVER JOHN GROUP
DRJ-U UPPER UNIT: RED POLYMICT CONGLOMERATE AND SANDSTONE. RHYOLITIC ROCKS (SE-3) TUFFACEOUS SANDSTONE
DRJ-L LOWER UNIT: BASALT, GREY TO RED SANDSTONE, SILTSTONE, SHALE, AND POLYMICT CONGLOMERATE.
Mg HORNBLENDE GRANITE.
DMd HORNBLENDE DIORITE.
SILURIAN
SE-4 EARLTOWN SEQUENCE: Se-4 BLUE-GREY QUARTZ SANDSTONE AND SILTSTONE WITH WEAKLY DEVELOPED CLEAVAGE.
SE-3 RHYOLITE, PORPHYRITIC RHYOLITE, RHYOLITIC TUFF, AND AGGLOMERATE.
SE-A RHYOLITE AND LATITE.
SILURIAN AND/OR OLDER
PSB BASS RIVER COMPLEX: PSB-2 QUARTZITE, BIOTITE-MUSCOVITE-SHIST.
PST MT. THOM COMPLEX: BIOTITE-MUSCOVITE ± GARNET SHIST, AMPHIBOLITE, GRANITE GNEISS.
PRECAMBRIAN(?)
PCP CHLORITE SCHIST.
ABBREVIATIONS
bl. blue
gn green
gy grey
rd red
dk dark
lt light
sltst siltstone
sst sandstone
silic silicified
and andesite
ang angular
bc breccia
bd banded
bldrs boulders
cong conglomerate
chl.sch. chlorite schist
cob cobbles
c.p.s. counts per second
f.gr. fine grained
hem hematite
hbld hornblende
lim limonite
gr granite
m.gr medium grained
peb pebble
por porphyritic
rhy. rhyolite
tuff tuffaceous
SCALE
0 1320 2640 3960 5280 FEET
4 inches = 1 mile
DRAWING NO. 3 NORTH
(DRG No. 3)
433183



LEGEND

CARBONIFEROUS

PENNSYLVANIAN

PICTOU GROUP

- **Pp** — CHOCOLATE AND GREY CONGLOMERATE, ARKOSIC GRITS AND SANDSTONE WITH CHOCOLATE-RED SHALES.

RIVERSDALE GROUP

- **PBP** — BOSS POINT FORMATION: RED BASAL CONGLOMERATE WITH UPPER MEMBERS OF RED SILTSTONE SANDSTONE AND GREY SILTSTONE.
- **PM** — MILLSVILLE FORMATION: CONGLOMERATE.

DEVONIAN TO MISSISSIPIAN

- **DMN** — NUTTBY SEQUENCE: GREY SILTSTONE AND SANDSTONE; RED SILTSTONE AND CONGLOMERATE.

DEVONIAN

RIVER JOHN GROUP

- **DRJ-U** — UPPER UNIT: RED POLYMICT CONGLOMERATE AND SANDSTONE. RHYOLITIC ROCKS (SE-3) TUFFACEOUS SANDSTONE
- **DRJ-L** — LOWER UNIT: BASALT, GREY TO RED SANDSTONE, SILTSTONE, SHALE, AND POLYMICT CONGLOMERATE.
- **Mg** — HORNBLENDE GRANITE.
- **DMd** — HORNBLENDE DIORITE.

SILURIAN

- **SE-4** — EARLTOWN SEQUENCE: Se-4 BLUE-GREY QUARTZ SANDSTONE AND SILTSTONE WITH WEAKLY DEVELOPED CLEAVAGE.
- **SE-3** — RHYOLITE, PORPHYRITIC RHYOLITE, RHYOLITIC TUFF, AND AGGLOMERATE.
- **SE-A** — RHYOLITE AND LATITE.

SILURIAN AND/OR OLDER

- **PSB** — BASS RIVER COMPLEX: PSB± QUARTZITE, BIOTITE-MUSCOVITE - SHIST.
- **PST** — MT. THOM COMPLEX: BIOTITE - MUSCOVITE ± GARNET SHIST, AMPHIBOLITE, GRANITE GNEISS.

PRECAMBRIAN(?)

- **PCP** — CHLORITE SCHIST.

ABBREVIATIONS

bl.	blue
gn	green
gy	grey
rd	red
dk	dark
lt.	light
slst	siltstone
sst	sandstone
silic	silicified
and	andesite
ang	angular
bc	breccia
bd	banded
bldrs	boulders
cong	conglomerate
chl.sch	chlorite schist
cob	cobbles
cps	counts per second
fgr.	fine grained
hem	hematite
hbld	hornblende
lim	limonite
gr	granite
m.gr	medium grained
peb	pebble
por.	porphyritic
rhy.	rhyolite
tuff	tuffaceous

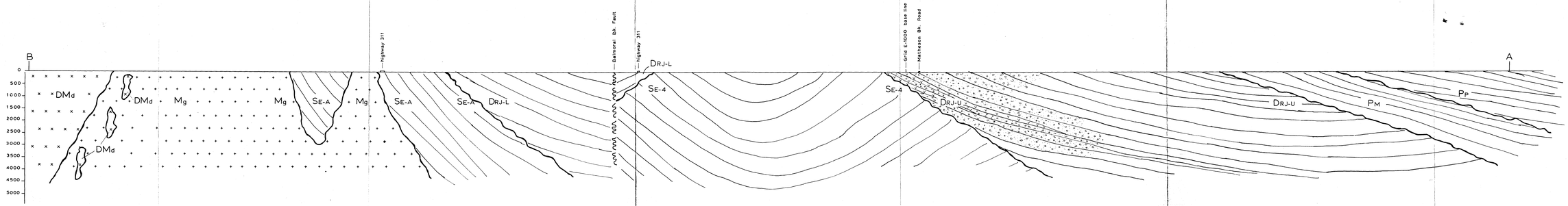
SCALE

0 1320 2640 3960 5280 FEET

4 inches = 1 mile.

RECEIVED
JUN 13 15 31 '79
MINES
NOVA SCOTIA

(DRG NO. 3)



LEGEND

(SEE DRAWING NO. 3)

DEVONIAN (D_{RJ-U})

RIVER JOHN GROUP-UPPER UNIT

– Red polymictic conglomerate, minor sandstone

– Rhyolite, porphyritic rhyolitic tuff, rhyolite breccia, agglomerate, tuffaceous sandstone

COMINCO-WYOMING JOINT VENTURE

GEOLOGIC CROSS SECTION*

EARLTOWN CLAIM GROUP

SCALE- 1 inch = 320 Feet

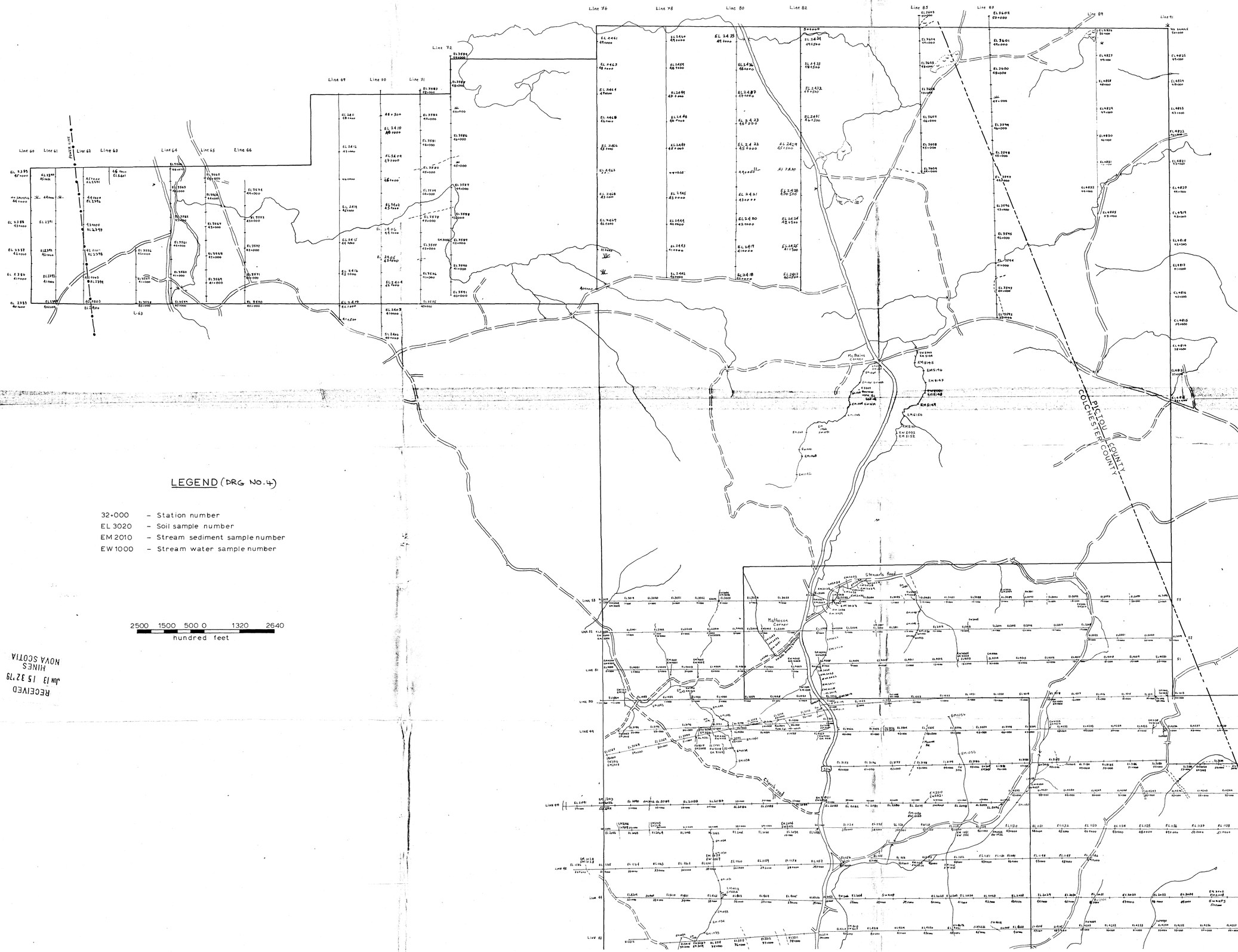
DRAWING NO. 3a

JUNE 1979

GWF

* schematic

433183

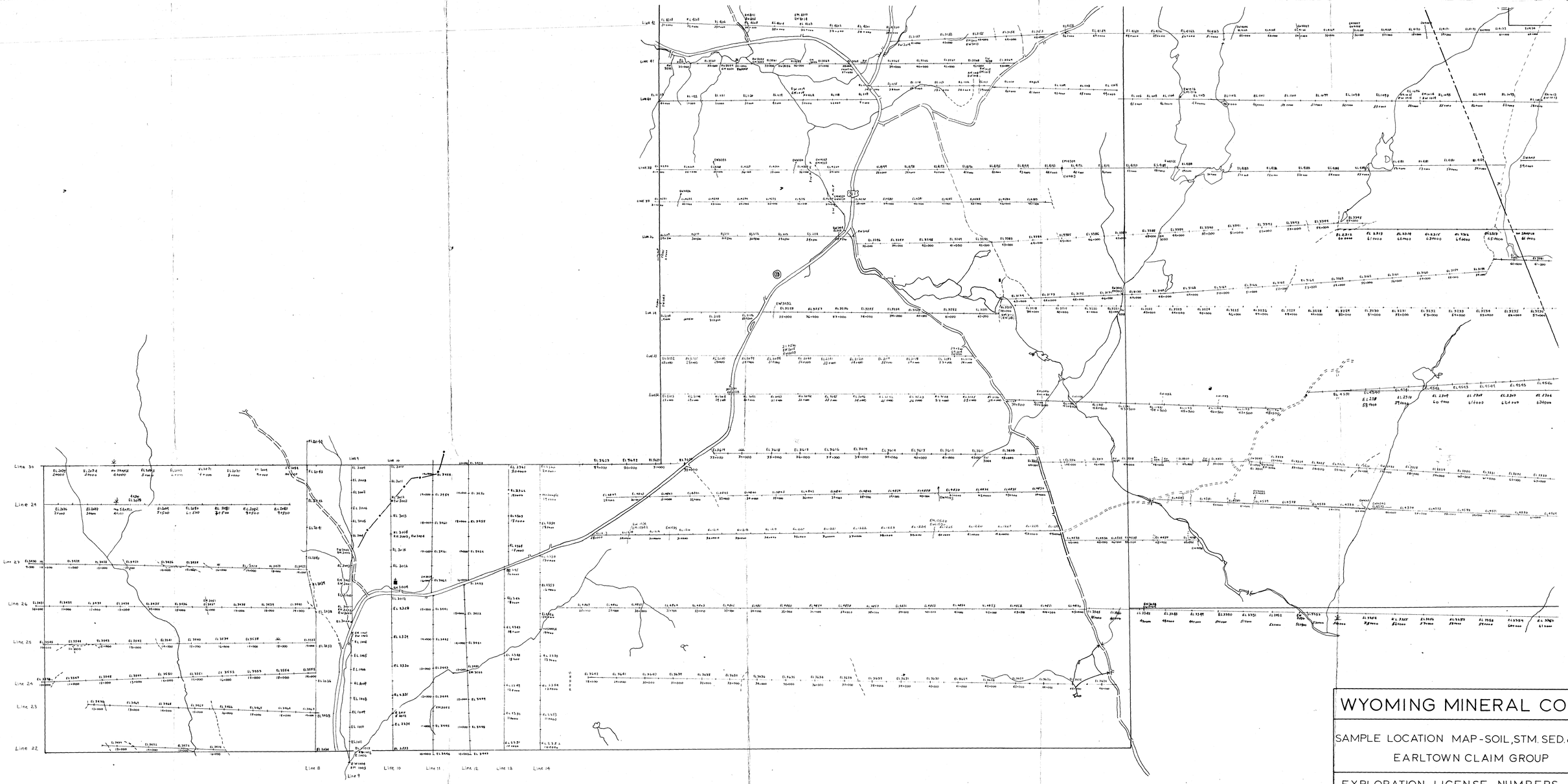


LEGEND (DRG NO. 4)

32+000 – Station number
EL 3020 – Soil sample number
EM 2010 – Stream sediment sample number
EW 1000 – Stream water sample number

2500 1500 500 0 1320 2640
hundred feet

RECEIVED
JUN 13 15 32 79
MINES
NOVA SCOTIA



WYOMING MINERAL CORP.

SAMPLE LOCATION MAP - SOIL, STM. SED. & WAT.

EARLTOWN CLAIM GROUP

EXPLORATION LICENSE NUMBERS

3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370.

SCALE : 1 INCH = 1320 FT PROJECT : NOVA SCOTIA

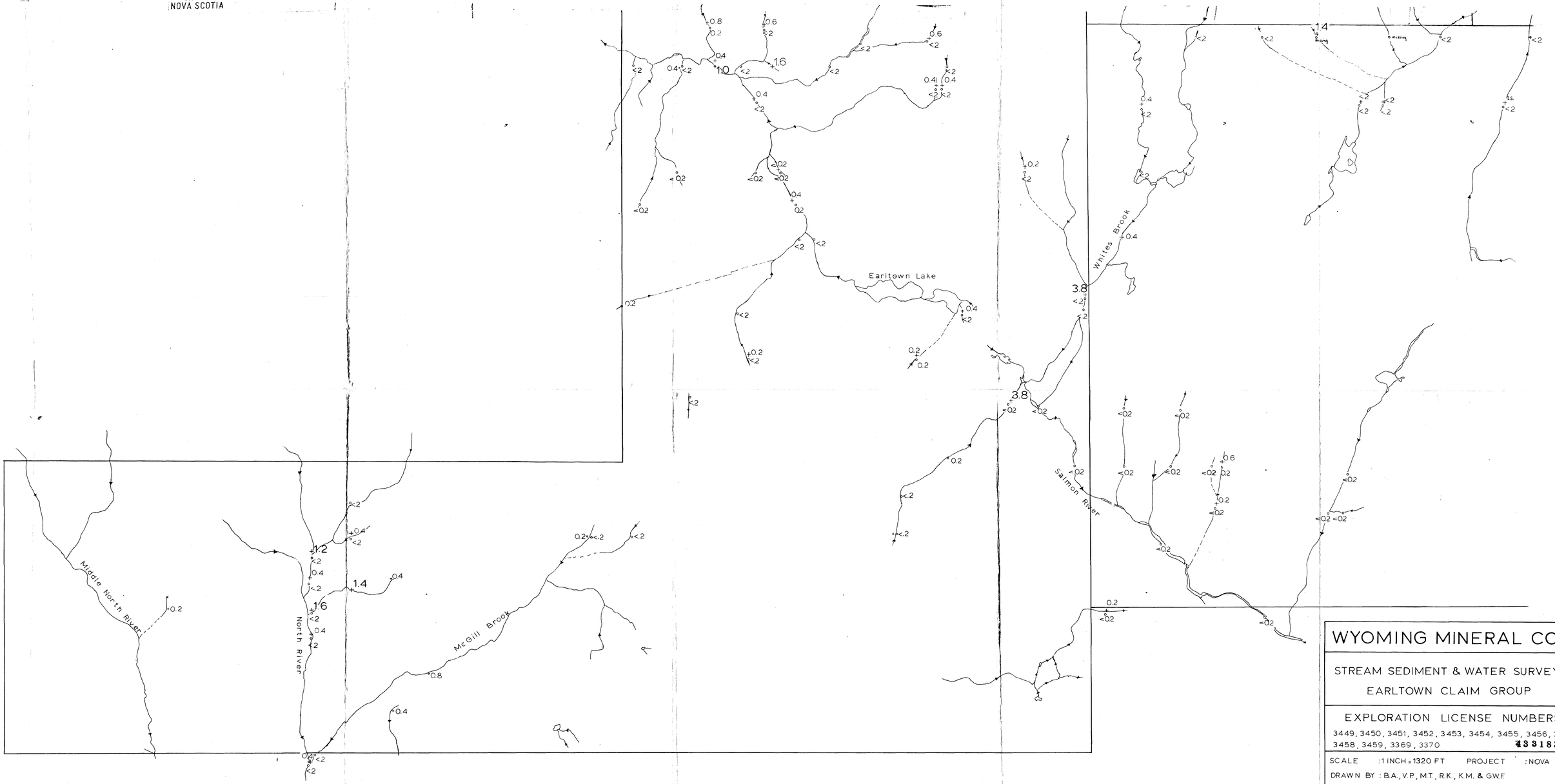
DRAWN BY : B.A., V.P., M.T., R.K., K.M. & G.W.F. 433183

DATE : MARCH 1979 CHECKED BY : G.W.F.

DRG NO. : 4 PROJECT GEOLOGIST : G.W. FELDERHOF

RECEIVED
JUN 13 15 32 '79
MINES
NOVA SCOTIA

RECEIVED
JUN 13 15 32 '79
MINES
NOVA SCOTIA



WYOMING MINERAL CORP.

STREAM SEDIMENT & WATER SURVEY
EARLTOWN CLAIM GROUP

EXPLORATION LICENSE NUMBERS
3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370 433183

SCALE : 1 INCH = 1320 FT PROJECT : NOVA SCOTIA
DRAWN BY : B.A., V.P., M.T., R.K., K.M. & G.W.F.
DATE : FEB 1979 CHECKED BY : G.W.F.
DRG NO. : 5 PROJECT GEOLOGIST : G.W. FELDERHOF

Black River

Waugh River

Yellow Brook

Nabiscumb Brook

Balmoral Brook

MacKays Mill Brook

N

MN

LEGEND (DRG No. 5)

+	– Stream sediment sample
<0.2 - 0.8	– U, (p.p.m., background - threshold)
1.0 +	– U, (p.p.m., anomalous)
o	– Stream water sample
<0.2 - 0.2	– U, (p.p.b., background)

2500 1500 500 0 1320 2640
hundred feet

RECEIVED
JUN 13 15 32 '79
MINES
NOVA SCOTIA

433183

LEGEND (DRG NO. 6

<0.2 - 0.8 – U, (p.p.m., background - threshold)

1.0 + – U, (p.p.m., anomalous)

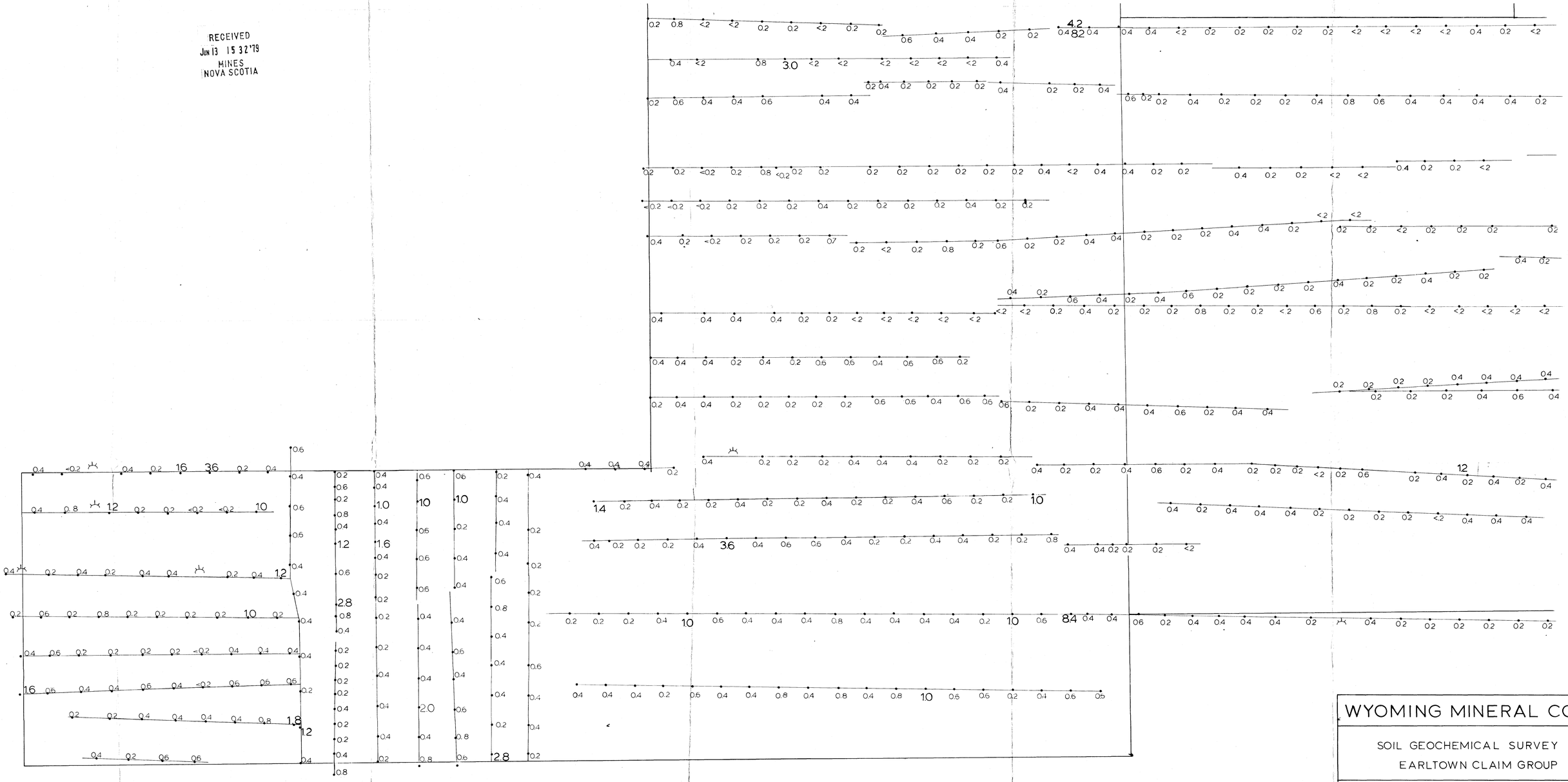
– Bog

2500 1500 500 0 1320 2640

hundred feet

N

RECEIVED
JUN 13 15 32'79
MINES
NOVA SCOTIA



WYOMING MINERAL CORP.

SOIL GEOCHEMICAL SURVEY

EARLTOWN CLAIM GROUP

EXPLORATION LICENSE NUMBERS

3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370

433183

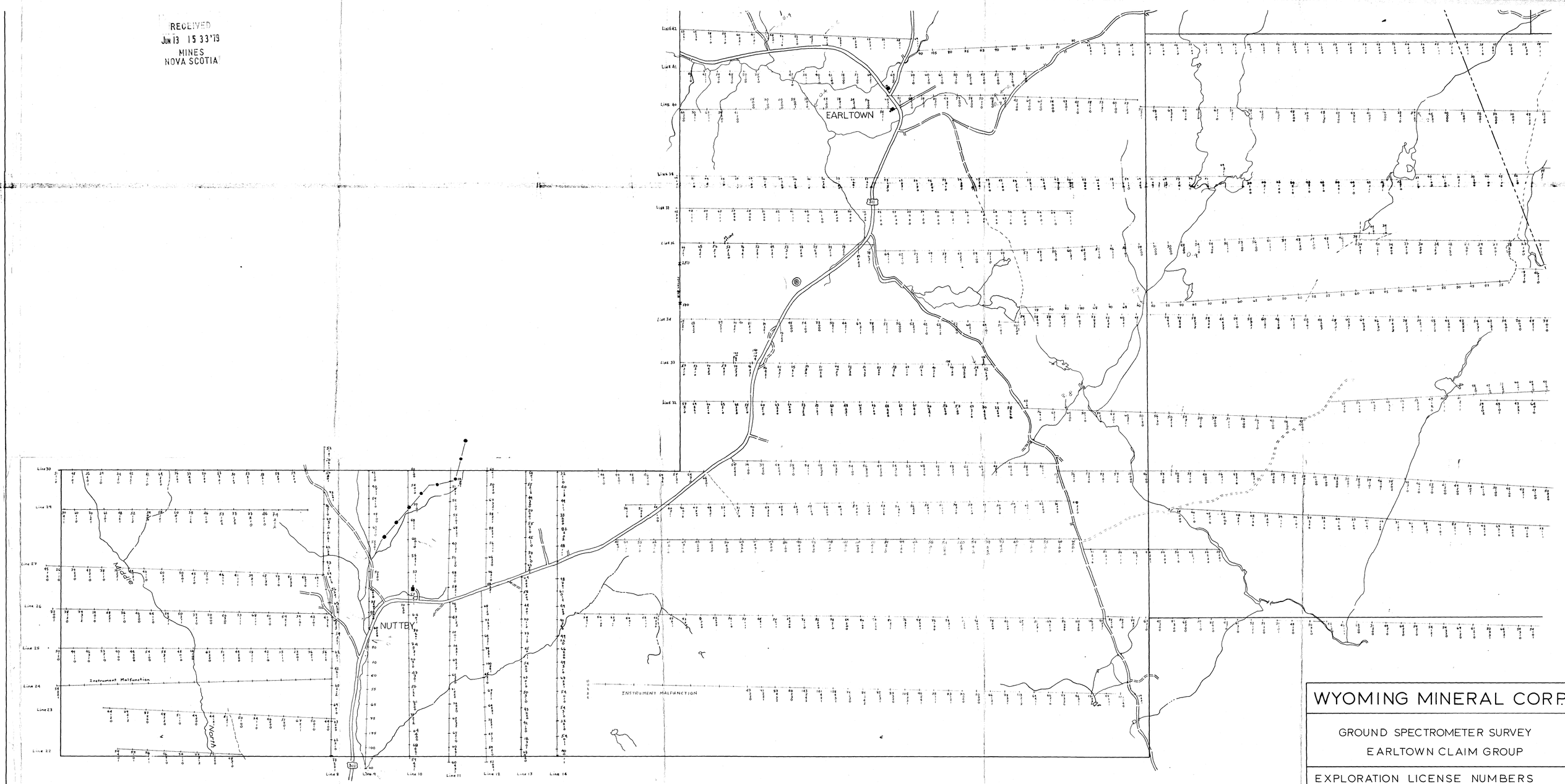
SCALE : 1 INCH = 1320 FT PROJECT : NOVA SCOTIA

DRAWN BY : B.A., V.P., M.T., R.K., K.M. & G.W.F

DATE : FEB 1979 CHECKED BY : G.W.F

DRG NO. : 6 PROJECT GEOLOGIST : G.W. FELDERHOF

RECEIVED
JUN 13 15 33'79
MINES
NOVA SCOTIA



WYOMING MINERAL CORP.

GROUND SPECTROMETER SURVEY
EARLTOWN CLAIM GROUP

EXPLORATION LICENSE NUMBERS

3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3369, 3370

733183

SCALE : 1 INCH = 1320 FT PROJECT : NOVA SCOTIA

DRAWN BY : B.A., V.P., M.T., R.K., K.M. & G.W.F.

DATE : FEB 1979 CHECKED BY : G.W.F.

DRG NO. : 7 PROJECT GEOLOGIST : G.W. FELDERHOF

283183

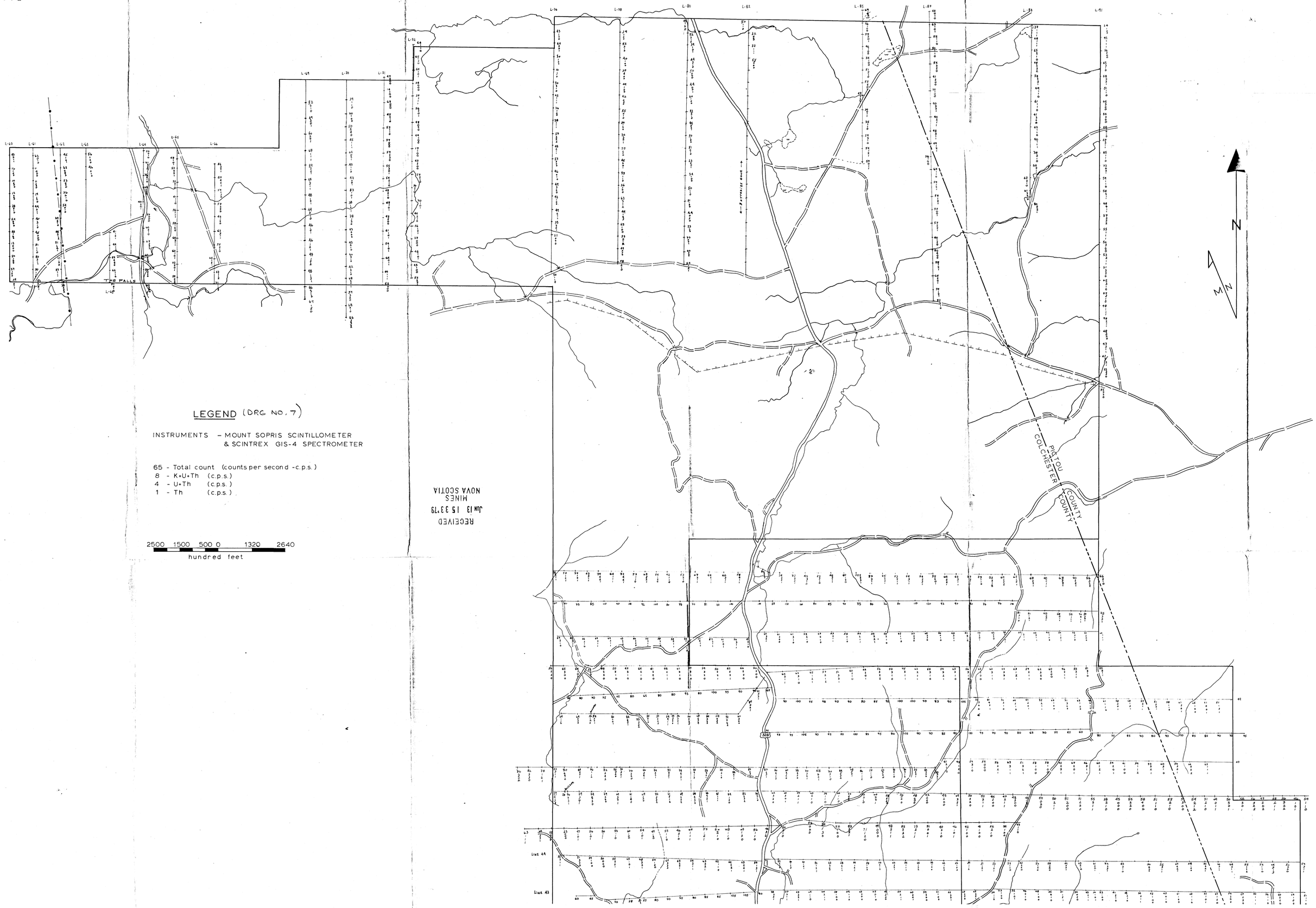
LEGEND (DRG NO. 7)

INSTRUMENTS – MOUNT SOPRIS SCINTILLOMETER
& SCINTREX GIS-4 SPECTROMETER

65 - Total count (counts per second - c.p.s.)
8 - K+U+Th (c.p.s.)
4 - U+Th (c.p.s.)
1 - Th (c.p.s.)

2500 1500 500 0 1320 2640
hundred feet

RECEIVED
JUN 13 15 33'79
MINES
NOVA SCOTIA





LEGEND

- Highway paved
- Gravel all-weather road
- Trail
- EWL 4044 — Sample number
- 0.6 — Uranium ppb

.5 .25 0 .5 1.0
miles

WYOMING MINERAL CORP.

WELL WATER SURVEY

EARLTOWN CLAIM GROUP

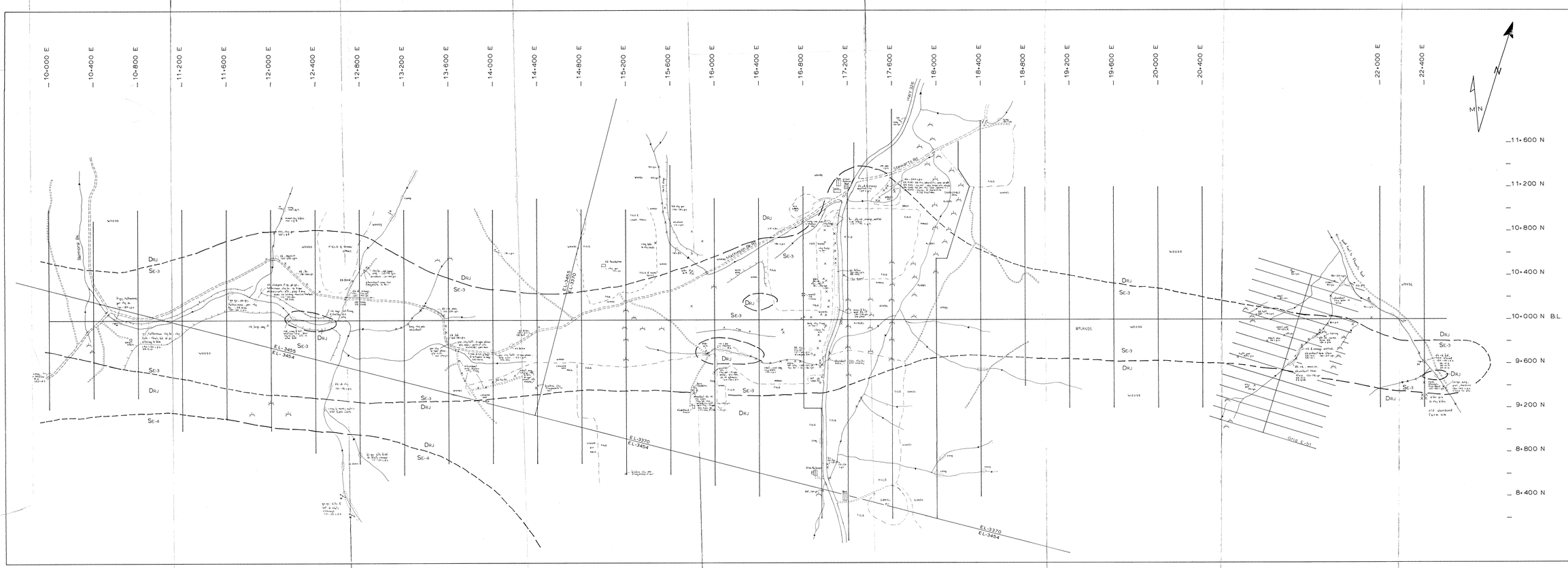
433183

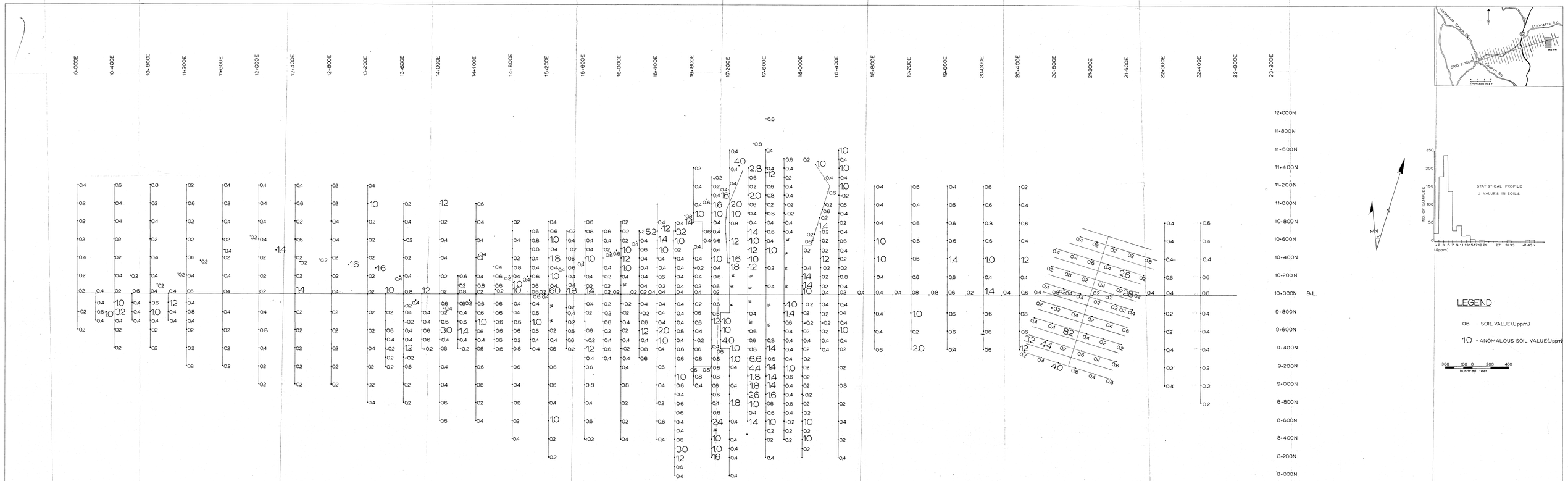
Scale : 2 inches = 1 mile Project: Nova Scotia

Drawn by : M. A. T.

Date : July 18 1978 Checked by: G.W.F.

Drg No. : 8 Project Geologist : G.W. Felderhof


10+000 E
10+400 E
10+800 E
11+200 E
11+600 E
12+000 E
12+400 E
12+800 E
13+200 E
13+600 E
14+000 E
14+400 E
14+800 E
15+200 E
15+600 E
16+000 E
16+400 E
16+800 E
17+200 E
17+600 E
18+000 E
18+400 E
18+800 E
19+200 E
19+600 E
20+000 E
20+400 E
22+000 E
22+400 E
11+600 N
11+200 N
10+800 N
10+400 N
10+000 N B.L.
9+600 N
9+200 N
8+800 N
8+400 N
M.N.
Stewarts Rd.
Matheson Bk. Rd.
GRID E-5000
Church Rd.
0 1 2 3
thousand feet
LEGEND
DEVONIAN
DRJ RIVER JOHN GROUP -UPPER UNIT
Purple-maroon polimictic conglomerate, minor red sandstone and acid volcanics (SE-3)
SILURIAN
SE-4 EARLTOWN SUCCESSION
Blue grey, green grey, sandstone and siltstone
SE-3 Grey, green grey, pink grey, porphiritic, tuffaceous rhyolite breccia, rhyolite tuff, massive red and orange mottled rhyolite, red rhyolite breccia, red porphyritic rhyolite and red flowbanded rhyolite
– Geologic boundary, (approximate, assumed)
– Outcrop boundary
– Attitude of bedding
– Attitude of flow layering in volcanic rock
– Attitude of slaty cleavage
– Rhyolitic boulders
– Bog
– Good secondary road
– Trail
– Embankment
– Boundary - field, woods
ABBREVIATIONS
lt. – light
dk. – dark
rd. – red
gy. – grey
gn. – green
bl. – blue
ang. – angular
por. – porphyritic
lam. – laminated
bed. – bedded
bx. – breccia
mass. – massive
vein. – veinlets
ph. – phenocrysts
qtz. – quartz
fsp. – feldspar
chl. – chlorite
sil. – siltstone
ss. – sandstone
tuff. – tuffaceous
flow. – flowbanded
300 100 0 200 400
hundred feet
COMINCO - WYOMING JOINT VENTURE
EARLTOWN CLAIM GROUP
LICENSE NO'S - 3370, 3454, 3455
MATHESON CORNER
GEOLOGY MAP 433183
SCALE : 1 INCH = 200 FT. PROJECT : NOVA SCOTIA
DRAWN BY : GWF GRID NO. : E-1000
DATE : MARCH 1979 CHECKED BY : GWF
DRG NO. : 9 PROJECT GEOLOGIST : GW FELDERHOF
RECEIVED
JAN 15 1979
MINES
NOVA SCOTIA



MN

LEGEND

0.6 - SOIL VALUE (U ppm.)

10 - ANOMALOUS SOIL VALUE (U ppm)

300 100 0 200 400
hundred feet

WYOMING MINERAL CORP.

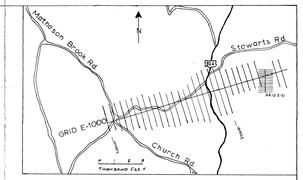
SOIL SAMPLE SURVEY

EARLTOWN CLAIM GROUP

MATHESON CORNER 339153

SCALE	1INCH=200FT	PROJECT	NOVA SCOTIA
DRAWN BY	KM	GRID NO.	E-1000
DATE	AUGUST,10,1978	CHECKED BY	GWF
DRG NO.	10	PROJECT GEOLOGIST:	GW FELDERHOF

RECEIVED
JAN 15 1979
MINES
NOVA SCOTIA



10-000E 10-400E 10-800E 11+200E 11+600E 12-000E 12-400E 12-800E 13-200E 13-600E 14-000E 14-400E 14-800E 15+200E 15+600E 16-000E 16-400E 16-800E 17-200E 17-600E 18-000E 18+400E

11+800N
11+600N
11+400N
11+200N
11+000N
10+800N
10+600N
10+400N
10+200N
10+000N
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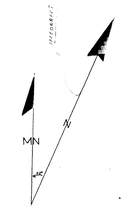
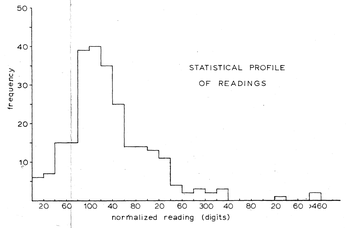
9+000N
8+800N
8+600N
8+400N
8+200N





300 100 0 200 400
hundred feet

WYOMING MINERAL CORP

RADON GAS SURVEY (ALPHA 2 CUPS)

EARLTOWN CLAIM GROUP

MATHESON CORNER 433183

SCALE :1INCH=200FT PROJECT :NOVA SCOTIA
DRAWN BY :KM & GWF GRID NO. :E-1000
DATE :NOVEMBER14 1978 CHECKED BY :GWF
DRG NO 11 PROJECT GEOLOGIST: GW.FELDERHOF

RECEIVED
JAN 15 3 33 78
MINES
NOVA SCOTIA



LEGEND

CONTOUR INTERVAL - 50 DIGITS

300 100 0 200 400
hundred feet

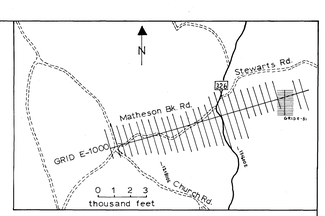
WYOMING MINERAL CORP.

RADON GAS SURVEY (ALPHA 2 CUPS)
EARLTOWN CLAIM GROUP

MATHESON CORNER

CONTOUR MAP 433183

SCALE	: 1 INCH = 200 FT	PROJECT	: NOVA SCOTIA
DRAWN BY	: GWF & KM	GRID NO.	: E-1000
DATE	: JAN 1979	CHECKED BY	: GWF.
DRG NO.	: 12	PROJECT GEOLOGIST	: G.W. FELDERHOF



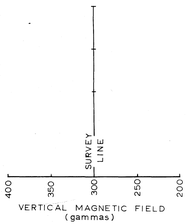
12+800 E
13+600 E
14+000 E
14+400 E
14+800 E
15+200 E
15+600 E
16+000 E
16+400 E
16+800 E
17+200 E
17+600 E

11+600 N
11+200 N
10+800 N
10+400 N
10+000 N B.L.
9+600 N
9+200 N
8+800 N
8+400 N
8+000 N



LEGEND

INSTRUMENT – SCINTREX FLUXGATE MF-2





WYOMING MINERAL CORP.

MAGNETOMETER SURVEY
EARLTOWN CLAIM GROUP

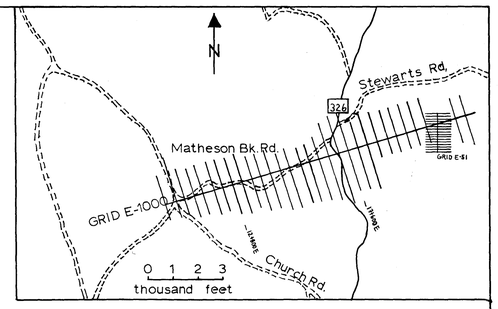
MATHESON CORNER

PROFILE MAP 433183

SCALE	: 1 INCH = 200 FT	PROJECT	: NOVA SCOTIA
DRAWN BY	: K.S. & G.W.F.	GRID NO.	: E-1000
DATE	: FEB 1979	CHECKED BY	: G.W.F.
DRG NO.	: 13	PROJECT GEOLOGIST	: G.W. FELDERHOF

12+800 E
13+600 E
14+000 E
14+400 E
14+800 E
15+200 E
15+600 E
16+000 E
16+400 E
16+800 E
17+200 E
17+600 E

11+600 N
11+200 N
10+800 N
10+400 N
10+000 N B.L.
9+600 N
9+200 N
8+800 N
8+400 N





LEGEND

INSTRUMENT - SCINTREX FLUXGATE MF-2
CONTOUR INTERVAL - 20 GAMMAS

300 100 0 200 400
hundred feet

WYOMING MINERAL CORP.

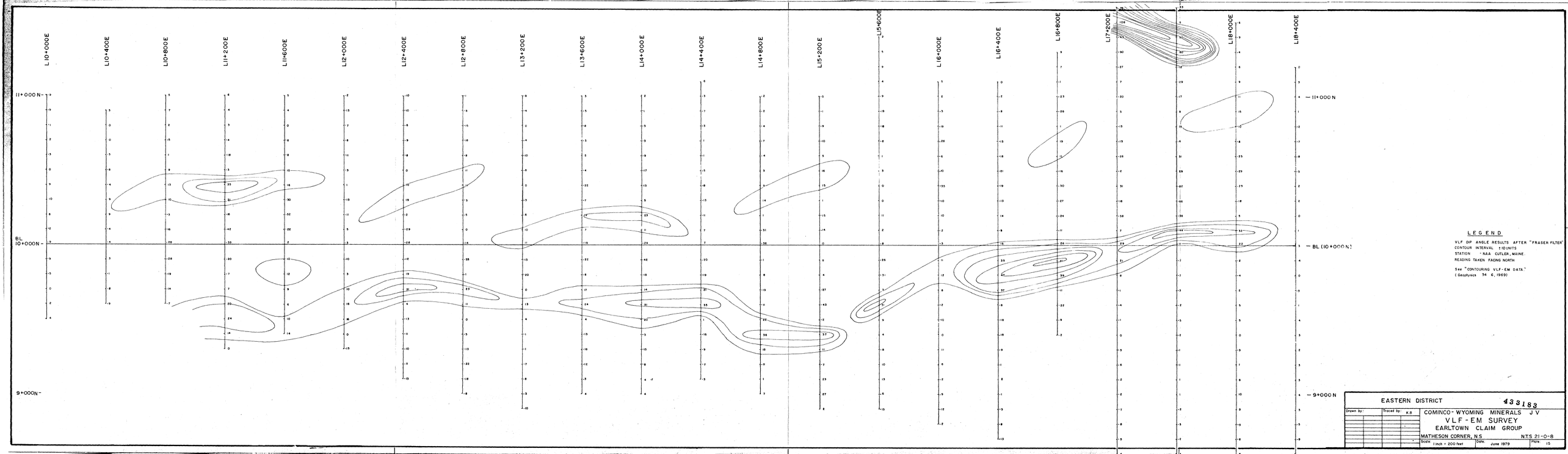
MAGNETOMETER SURVEY
EARLTOWN CLAIM GROUP

MATHESON CORNER

CONTOUR MAP 433183

SCALE	: 1 INCH = 200 FT	PROJECT	: NOVA SCOTIA
DRAWN BY	: KM & GWF	GRID NO.	: E-1000
DATE	: FEB 1979	CHECKED BY	: G.W.F.
DRG NO.	: 14	PROJECT GEOLOGIST	: G.W. FELDERHOF

RECEIVED
JUN 13 15 3 47 79
MINES
NOVA SCOTIA



LEGEND

VLF DIP ANGLE RESULTS AFTER "FRASER FILTER"
CONTOUR INTERVAL 10 UNITS
STATION N.A.A. CUTLER, MAINE.
READING TAKEN FACING NORTH

See "CONTOURING VLF-EM DATA."
(Geophysics 34 6, 1969)

EASTERN DISTRICT 433183

Drawn by:	Traced by:	K.B

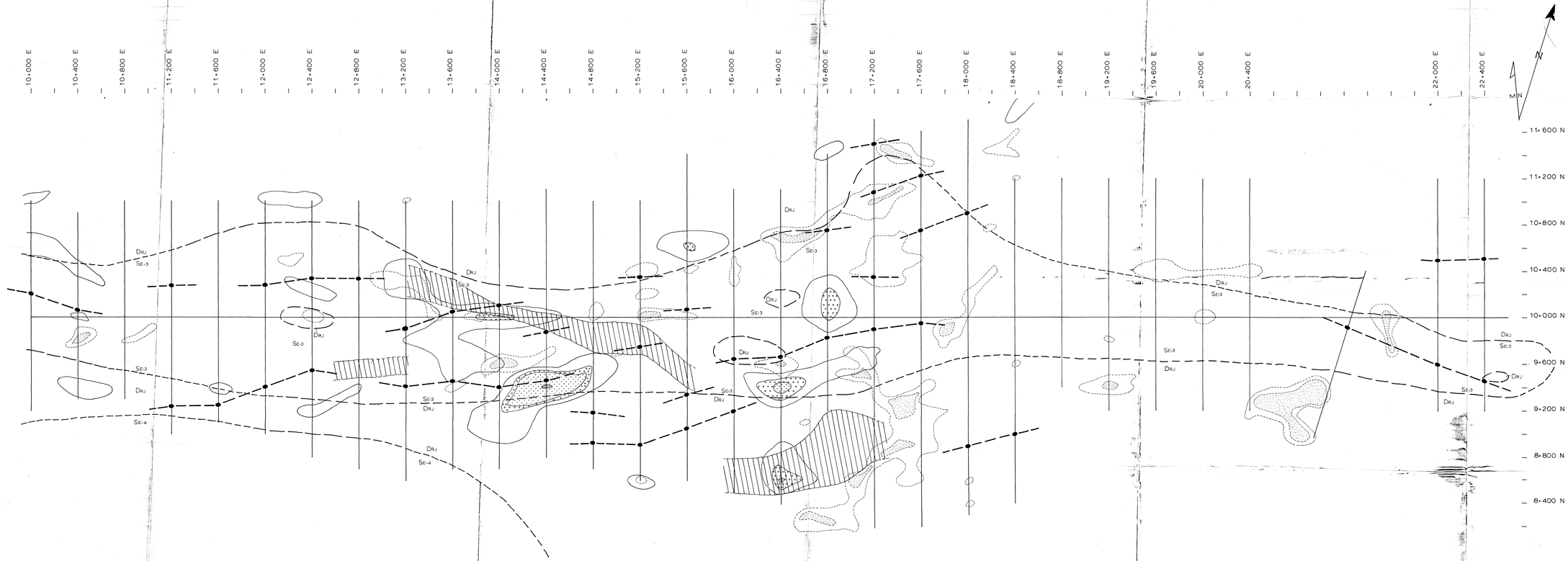
COMINCO - WYOMING MINERALS J V

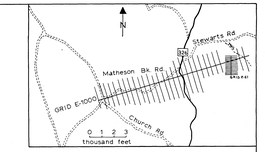
VLF - EM SURVEY

EARLTOWN CLAIM GROUP

MATHESON CORNER, N.S. N.T.S. 21-O-8

Scale 1 inch = 200 feet Date June 1979 Plate 15





LEGEND

GEOLOGY

DEVONIAN

DRJ – RIVER JOHN GROUP - UPPER UNIT
Purple - maroon conglomerate and minor red sandstone

SILURIAN

EARLTOWN SUCCESSION

SE-4 – Blue grey, green grey, sandstone and siltstone

SE-3 – Rhyolitic flows welded tuffs and breccia - agglomerate

– Geologic boundary, (approximate, assumed)

GEOCHEMICAL SURVEY

Soil anomaly, U

– 1.0 - 1.8 p.p.m.

– > 1.8 p.p.m.

GEOPHYSICAL SURVEYS

– VLF - EM - 16 conductor

– Linear magnetic (high) anomaly

RADON SURVEY

Radon anomaly (Westinghouse Alpha-2 cups)

– 200 - 300 digits

– 300 - 400

– 400 - 950

– > 950

300 100 0 200 400
hundred feet

COMINCO - WYOMING JOINT VENTURE

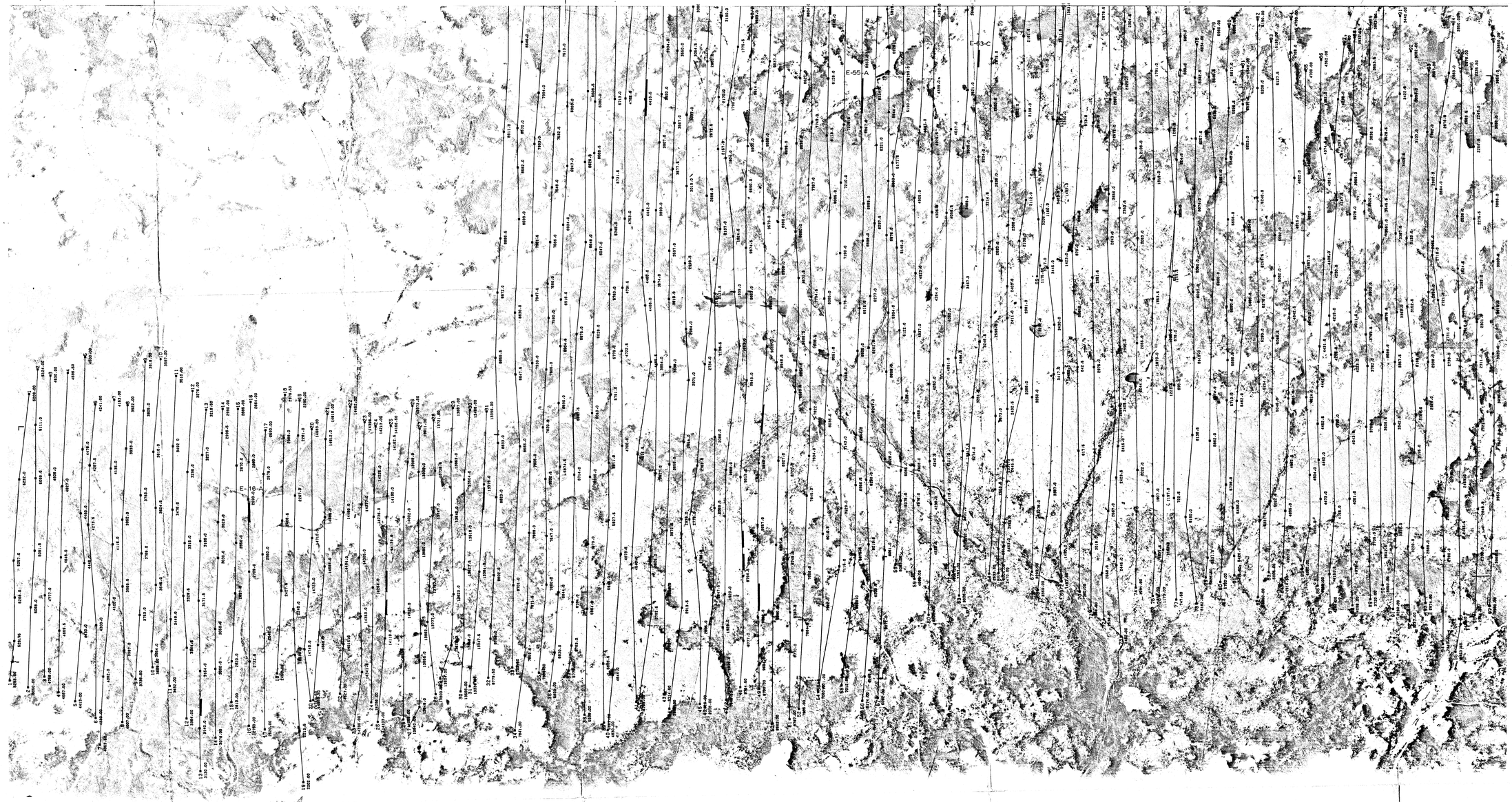
EARLTOWN CLAIM GROUP

LICENSE NO'S - 3370, 3454, 3455

MATHESON CORNER 83183

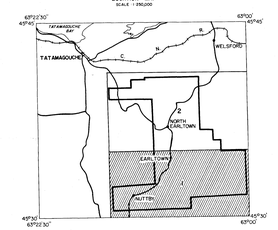
COMPOSITE ANOMALY MAP

SCALE	: 1 INCH = 200 FT.	PROJECT	: NOVA SCOTIA
DRAWN BY	: G.W.F.	GRID NO.	: E-1000
DATE	: MARCH 1979	CHECKED BY	: G.W.F.
DRG. NO.	: 16	PROJECT GEOLOGIST	: G.W. FIELDERHOF





LOCATION MAP
SCALE 1:250,000



DRAWING NO. 1 (SOUTH HALF)

SURVEYED & COMPILED BY geoterrex LTD

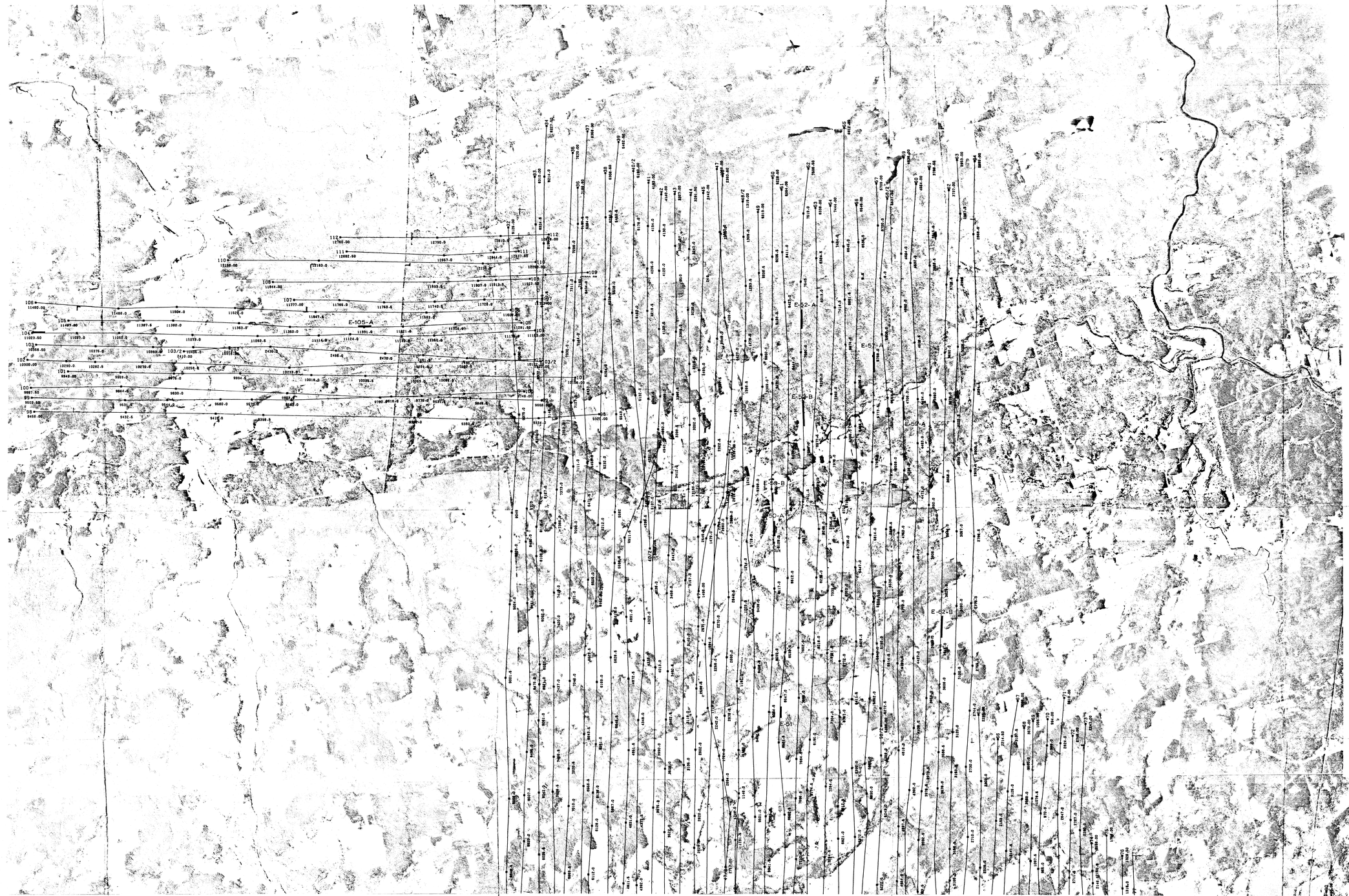
WYOMING MINERAL CORPORATION

AIRBORNE RADIOMETRIC SURVEY 233183

EARLTOWN GROUP

FLIGHT LINE MAP & Ψ_{Th} ANOMALY MAP

SHEET 1 OF 2	HORIZONTAL CONTROL BASED ON PHOTOMOSAICS	CONTOUR INTERVAL	FLIGHT ALTITUDE - 45 metres M.T.O.
SCALE - 1 : 15,840		FLOWN IN MAY, 1978	GEOTERREX PROJECT No. 87-105

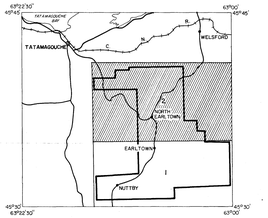


LEGEND

E-52-A . . . . . ANOMALY & NO.

N

LOCATION MAP
SCALE 1:50,000



DRAWING NO. 1 (NORTH HALF)

SURVEYED & COMPILED BY geoterrex LTD

WYOMING MINERAL CORPORATION

AIRBORNE RADIOMETRIC SURVEY #33183

EARLTOWN GROUP

FLIGHT LINE MAP & Uth ANOMALY MAP

SHEET 2 OF 2	HORIZONTAL CONTROL BASED ON PHOTOMOSAICS	CONTOUR INTERVAL	FLIGHT ALTITUDE 45 metres M.S.D.
SCALE 1 : 15,840		FLOWN IN MAY, 1978	GEOTERREX PROJECT No 87-105

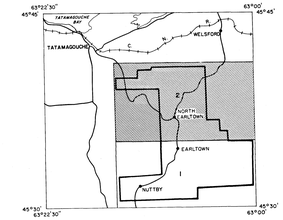
LEGEND

28 8.81 5.14

LINE NUMBER 28
MEAN ..... 8.81 CPS
I STANDARD DEVIATION .. 5.14 CPS
DATUM (Flight line) ..... +1.0 DEVIATION

N

LOCATION MAP
SCALE 1: 250,000



DRAWING NO. 2 (NORTH HALF)

SURVEYED & COMPILED BY geoterrex LTD.

WYOMING MINERAL CORPORATION

AIRBORNE RADIOMETRIC SURVEY # 33183

EARLTOWN GROUP

STANDARD DEVIATION MAP

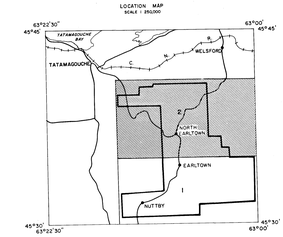
SHEET 2 OF 2	HORIZONTAL CONTROL ..... BASED ON PHOTOMOSAICS	4.0 DEVIATIONS ... Cm	FLIGHT ALTITUDE 45 meters M.T.C.
SCALE 1: 15,840		FLOWN 7th MAY, 1978	GEOTERREX PROJECT No. 87-105

LEGEND

28 8.81 5.14

LINE NUMBER 28
MEAN . . . . . 8.81 CPS
I STANDARD DEVIATION . 5.14 CPS
DATUM (Flight line) . . . . . +1.0 DEVIATION

LOCATION MAP
SCALE 1 : 250,000



DRAWING NO. 2 (NORTH HALF)

SURVEYED & COMPILED BY geoterrex LTD.

WYOMING MINERAL CORPORATION

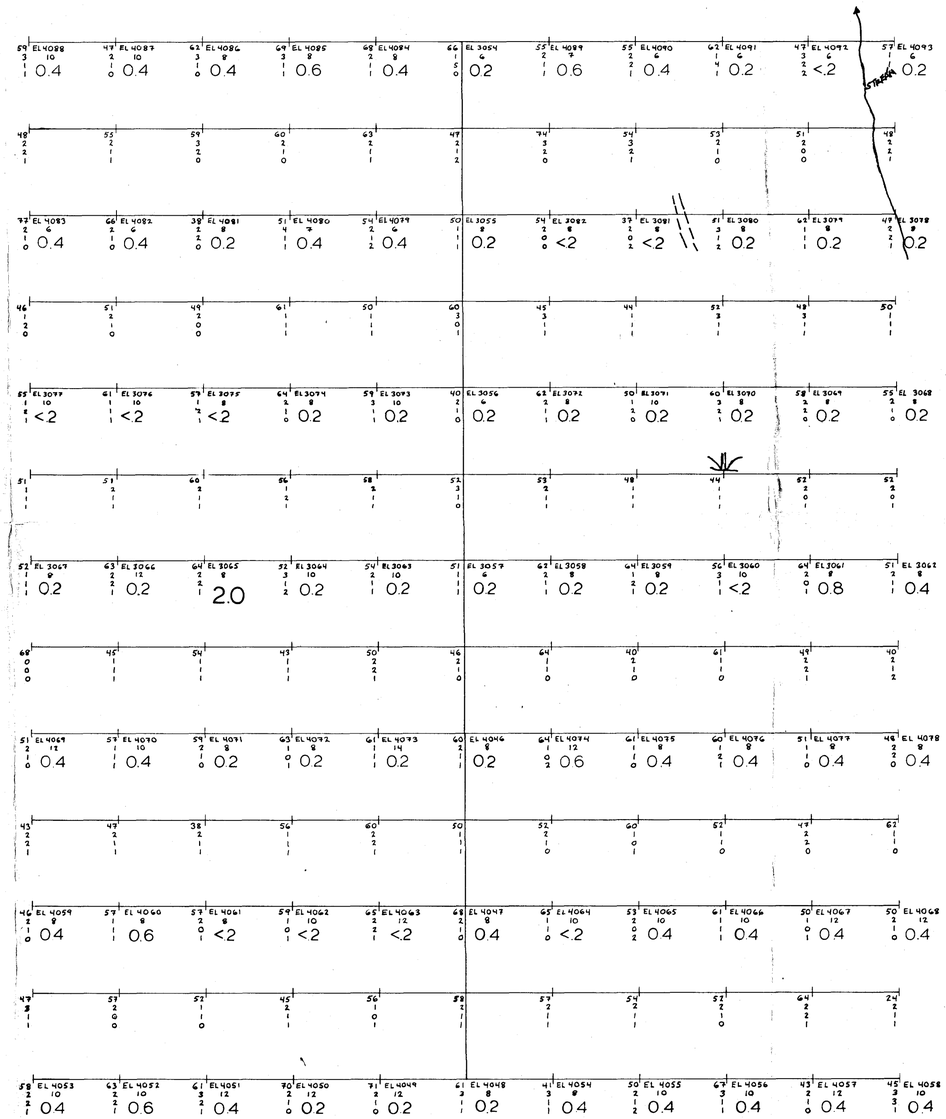
AIRBORNE RADIOMETRIC SURVEY 83-183

EARLTOWN GROUP

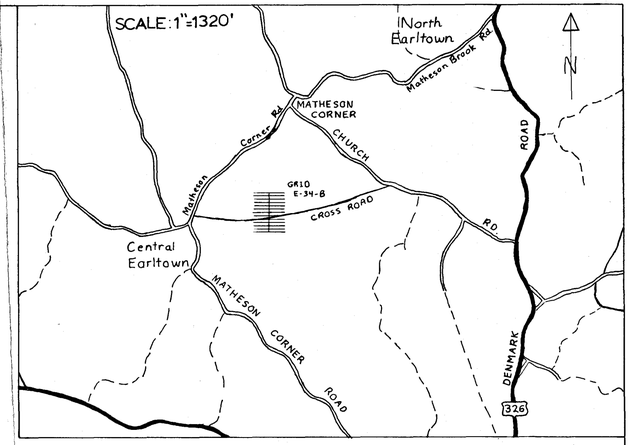
STANDARD DEVIATION MAP 83-183

SHEET 2 OF 2	HORIZONTAL CONTROL PHOTOGRAPHS	4.0 DEVIATIONS ON	FLIGHT ALTITUDE 45 meters M.T.C.
SCALE - 1 : 5,840	BASED ON	FLOWN IN MAY, 1978	GEOTERREX PROJECT No. 87-105

20-W 19-W 18-W 17-W 16-W 15 B. L. 14-W 13-W 12-W 11-W 10-W



22-N 21-N 20-N 19-N 18-N 17-N 16-N 15-N 14-N 13-N 12-N 11-N 10-N



LEGEND

- STREAM
- ROAD
- SWAMP

TOTAL COUNT	72	EL 4001
K+U+Th	3	10 — SAMPLE NUMBER
U+Th	1	3.1 — SAMPLE DEPTH (INCHES)
Th	0	URANIUM - p.p.m.

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

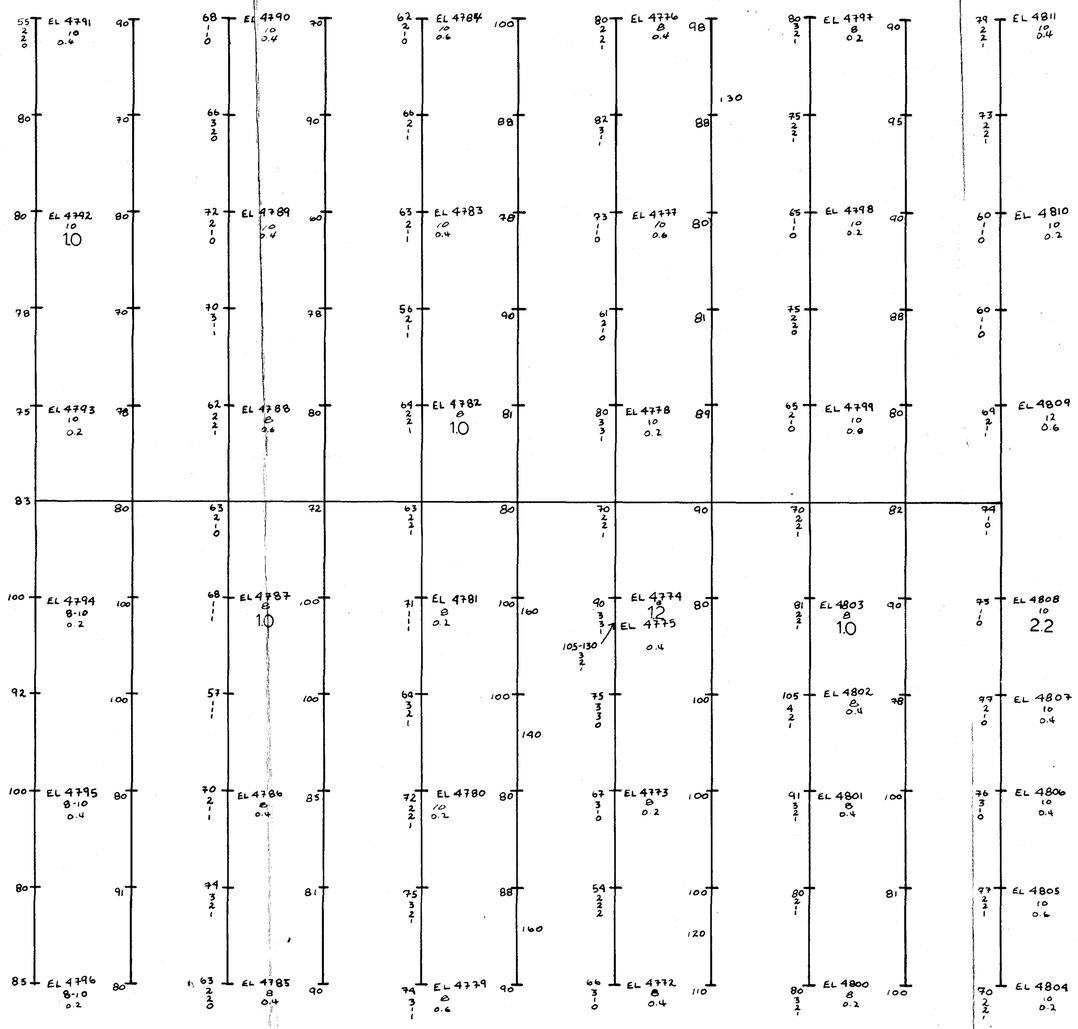
CENTRAL EARLTOWN **433183**

SCALE: 1 INCH = 100 FEET
DRAWN BY: R. L. K.
DATE: JUNE 28, 1978
DRG. Nº: 20a

PROJECT: NOVA SCOTIA
ANOMALY Nº: E-34-B
CHECKED BY: G.W.F.

RECEIVED
JUN 13 15 35'79
MINES
NOVA SCOTIA

16W 15W 14W 13W 12W 11W 10W 9W 8W 7W 6W



20 N

19 N

18 N

17 N

16 N

15 N Base Line

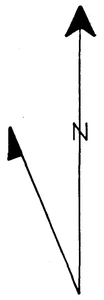
14 N

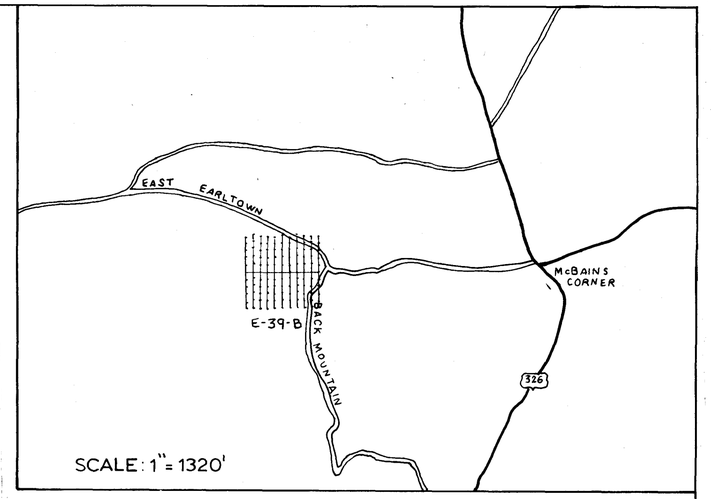
13 N

12 N

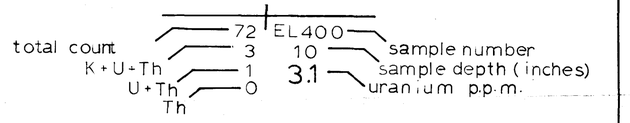
11 N

10 N





LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER
MOUNT SOPRIS SC-132 SCINTILLOMETER

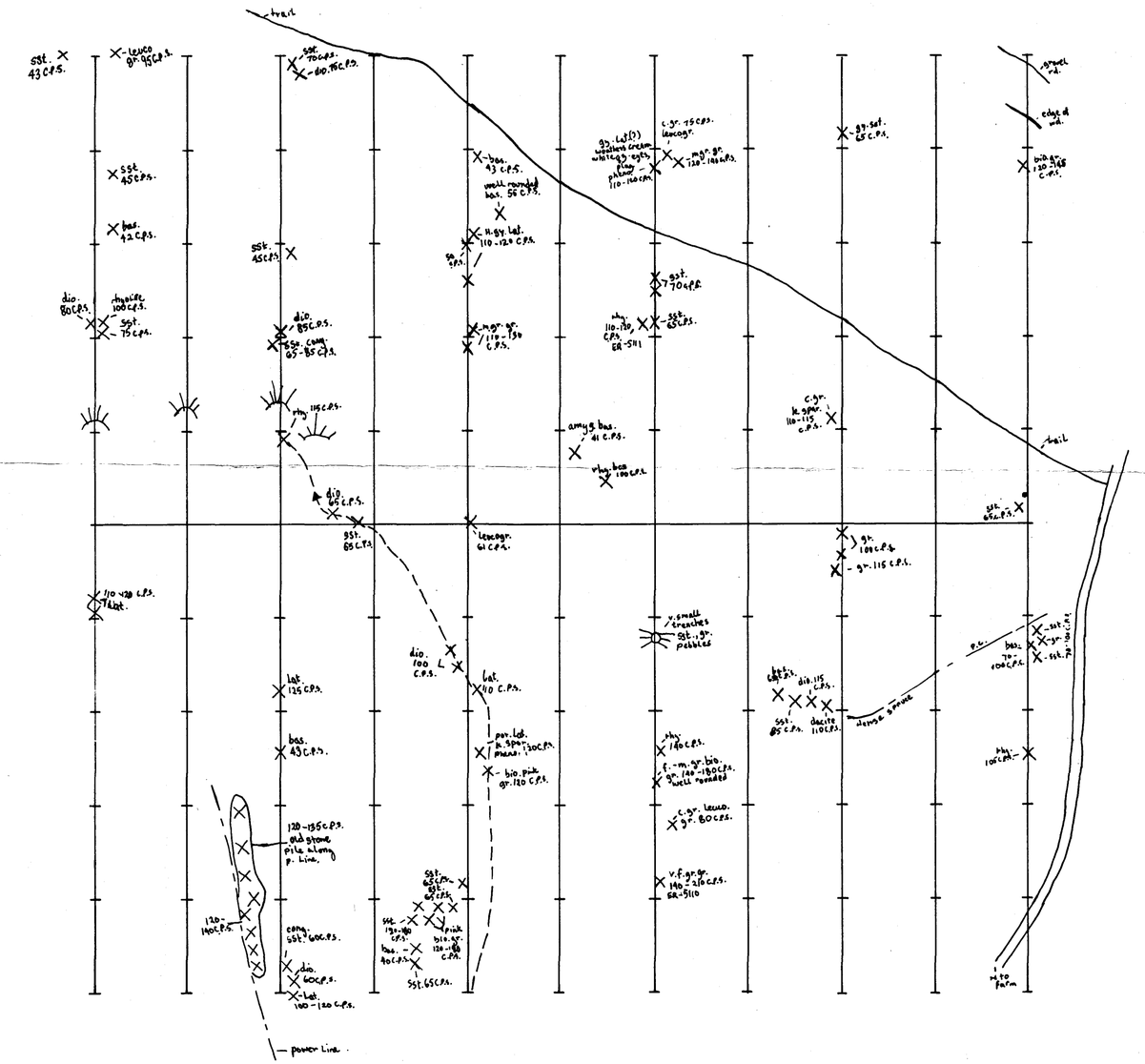
WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY
EARLTOWN CLAIM GROUP

EAST EARLTOWN 433183

SCALE: 1 INCH = 100 FT
PROJECT: NOVA SCOTIA
DRAWN BY: B.D.A.
ANOMALY NO: E-39-B
DATE: AUG. 15&16, 78
CHECKED BY: G.W.F.
DRG NO.: 21 a.

RECEIVED
JUN 13 15 35'79
MINES
NOVA SCOTIA



N

LEGEND

- TRAIL
- STREAM
- BOULDER(S)
- HORNETS NEST
- SMALL TRENCH
- WOODS BOUNDARY
- BOG AREA

m., f., c. gr. – MEDIUM, FINE, OR COARSE GRAIN
sst. – SANDSTONE
rd. – RED
bn. – BROWN
gy. – GREY
rhy. – RHYOLITE
dio. – DIORITE
gr. – GRANITE
bas. – BASALT
qz – QUARTZ
leuco gr. – LEUCOGRANITE
cong. – CONGLOMERATE
lat. – LATITE
wd. – WOOD

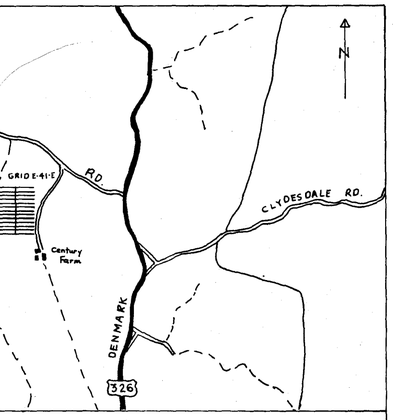
ANOMALY No. E-39-B

433183

DRAWING No. 21 b.

20 W | 19 W | 18 W | 17 W | 16 W | 15 W | 14 W | 13 W | 12 W | 11 W | 10 W

22 N
21 N
20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N



LEGEND

72 | EL4001
TOTAL COUNT — 72
K + U + Th — 3
U + Th — 1
Th — 0
10 — SAMPLE NUMBER
3.1 — SAMPLE DEPTH (inches)
URANIUM ppm

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

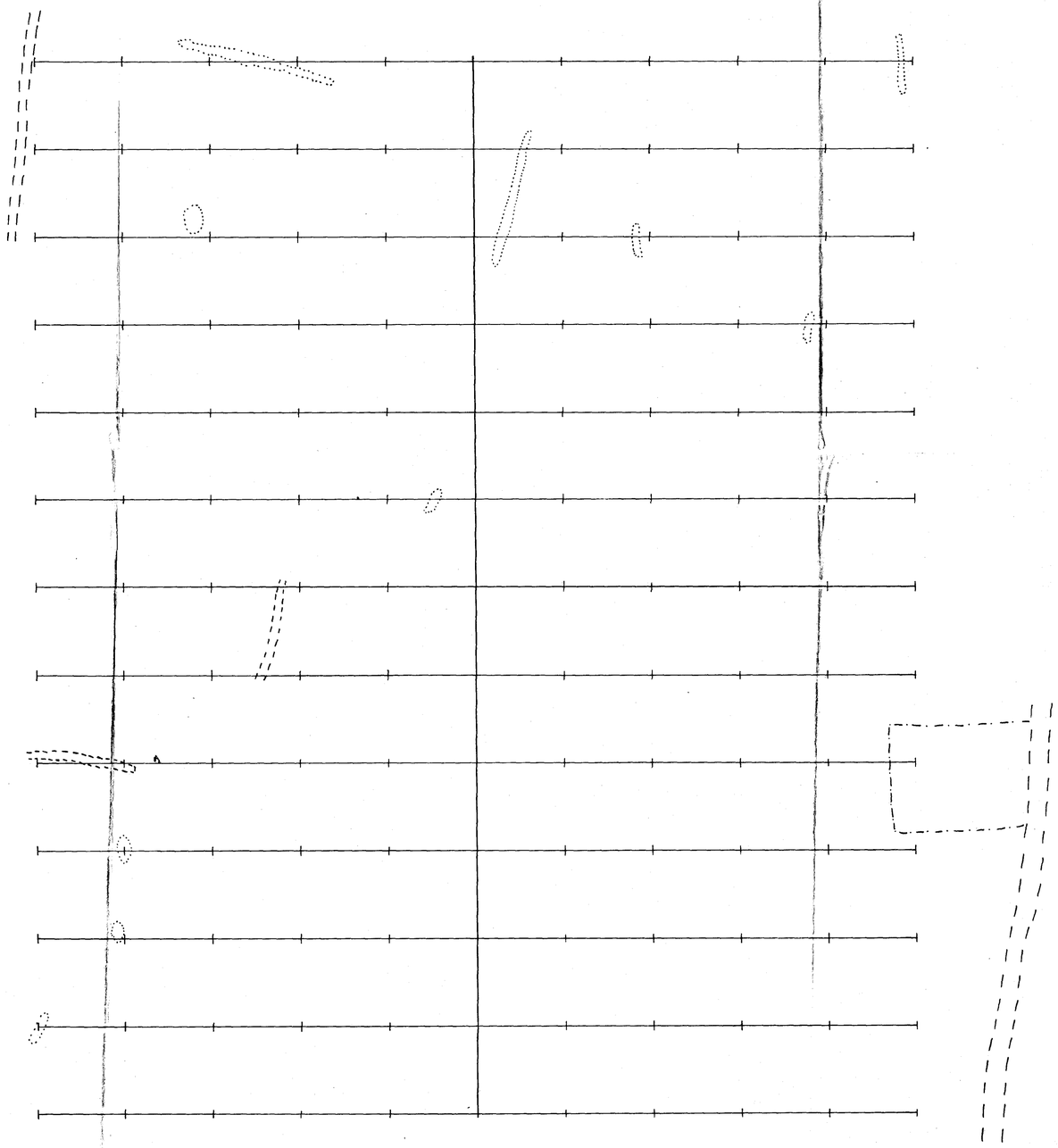
WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY
AND SOIL SAMPLE SURVEY
EARLTOWN CLAIM GROUP

MATHESON CORNER 433183

Scale : 1 Inch = 100 Feet
Drawn by : R.L.K.
Date : July 22, 1978.
DRG. NO. : 22 a.

Project : Nova Scotia
ANOMALY NO. : E-41-A
Checked by : G.W.F.





LEGEND

Road

Trail

Rock piles (META SEDIMENT, ANDESITE, RHYOLITE) 41-102 C.P.S.

Cemetery

GRID E-41-A

RECEIVED
JUN 13 15 35 '79
MINES
NOVA SCOTIA

433183

DRAWING No. 22 b.

24 W | 23 W | 22 W | 21 W | 20 W | 19 W | 18 W | 17 W | 16 W | 15 W | 14 W | 13 W | 12 W | 11 W | 10 W

22 N

21 N

20 N

19 N

18 N

17 N

16 N B.L.

15 N

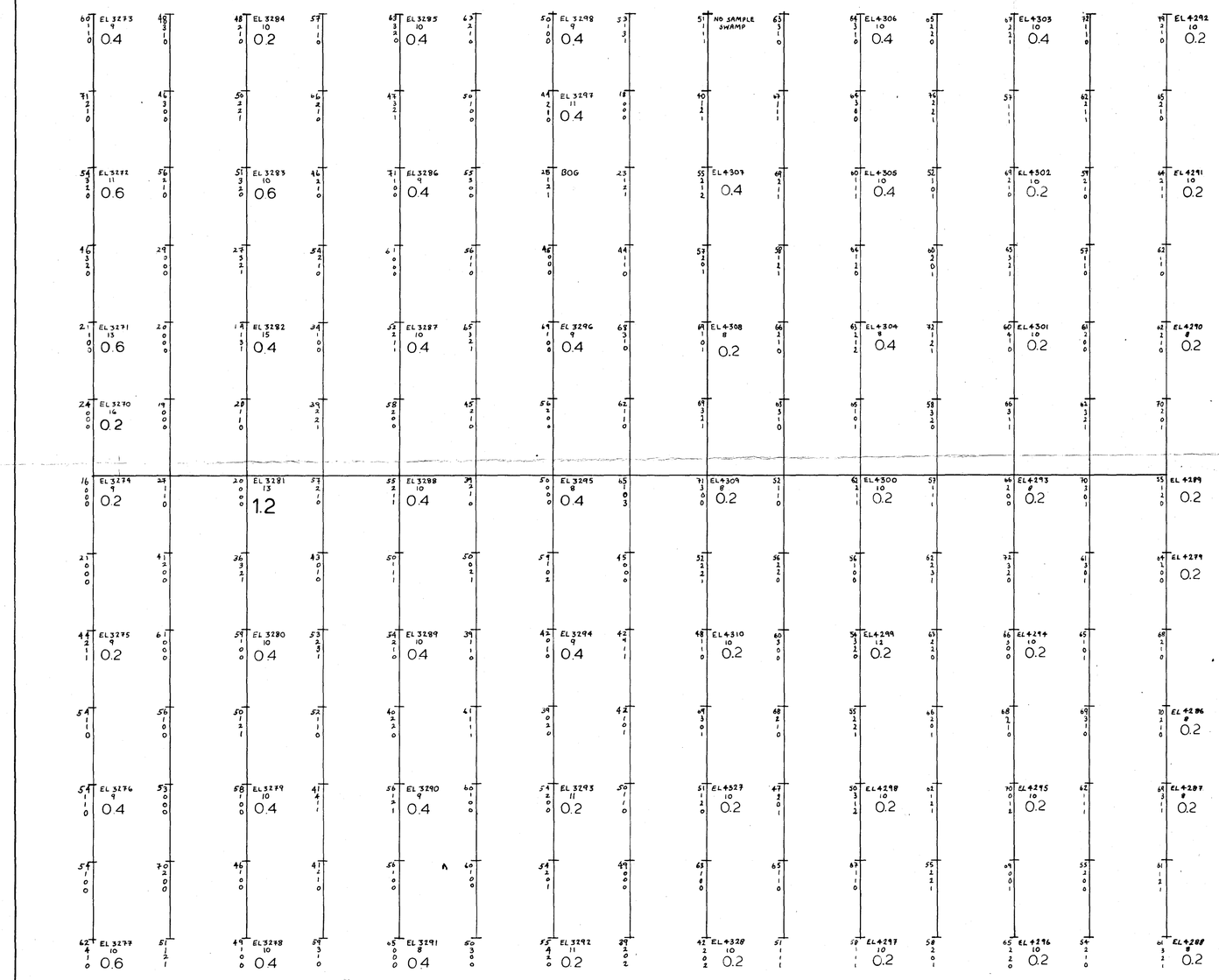
14 N

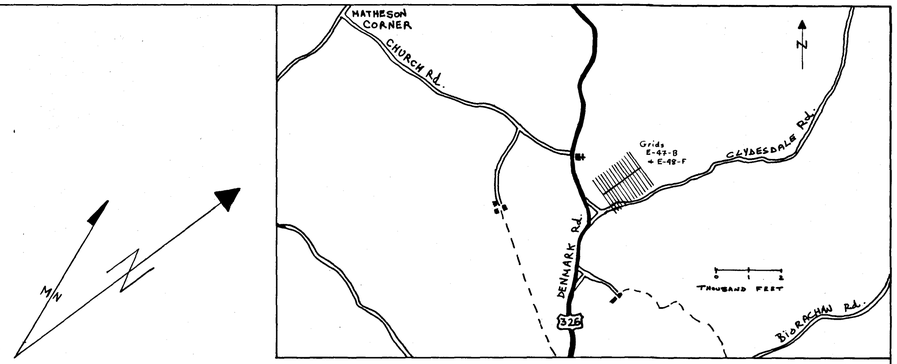
13 N

12 N

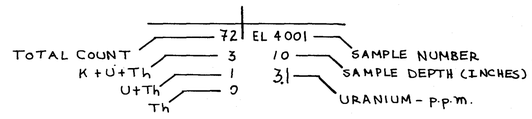
11 N

10 N





LEGEND



RECEIVED
JUN 13 15 35'79
MINES
NOVA SCOTIA

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

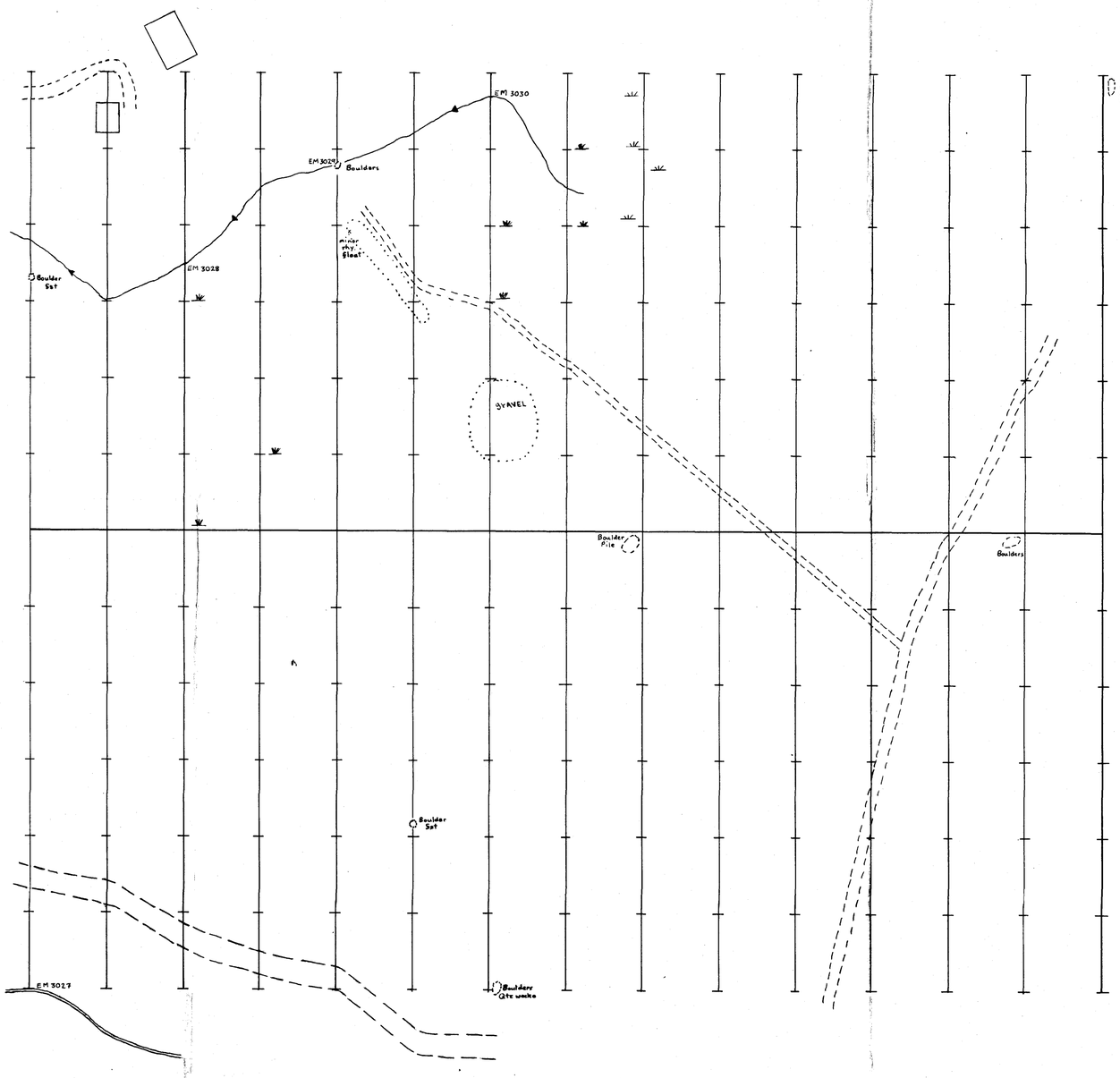
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

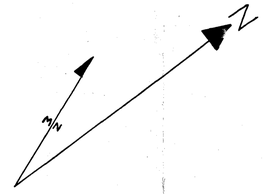
EARLTOWN **433183**

SCALE: 1 INCH = 100 FEET
PROJECT: NOVA SCOTIA
DRAWN BY: V. P.
ANOMALY Nº: E-47-B & E-48-F
DATE: July 19, 1978
CHECKED BY: W.F., V.V.P.
DRG. Nº: 23 a.

24 W 23 W 22 W 21 W 20 W 19 W 18 W 17 W 16 W 15 W 14 W 13 W 12 W 11 W 10 W

22 N
21 N
20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N





LEGEND

- Clydesdale Road
- Woods Rd or Trail
- Brook or Stream
- Swamp or Bog
- Gravel Mound
- Boulder or Boulder Pile
- Building

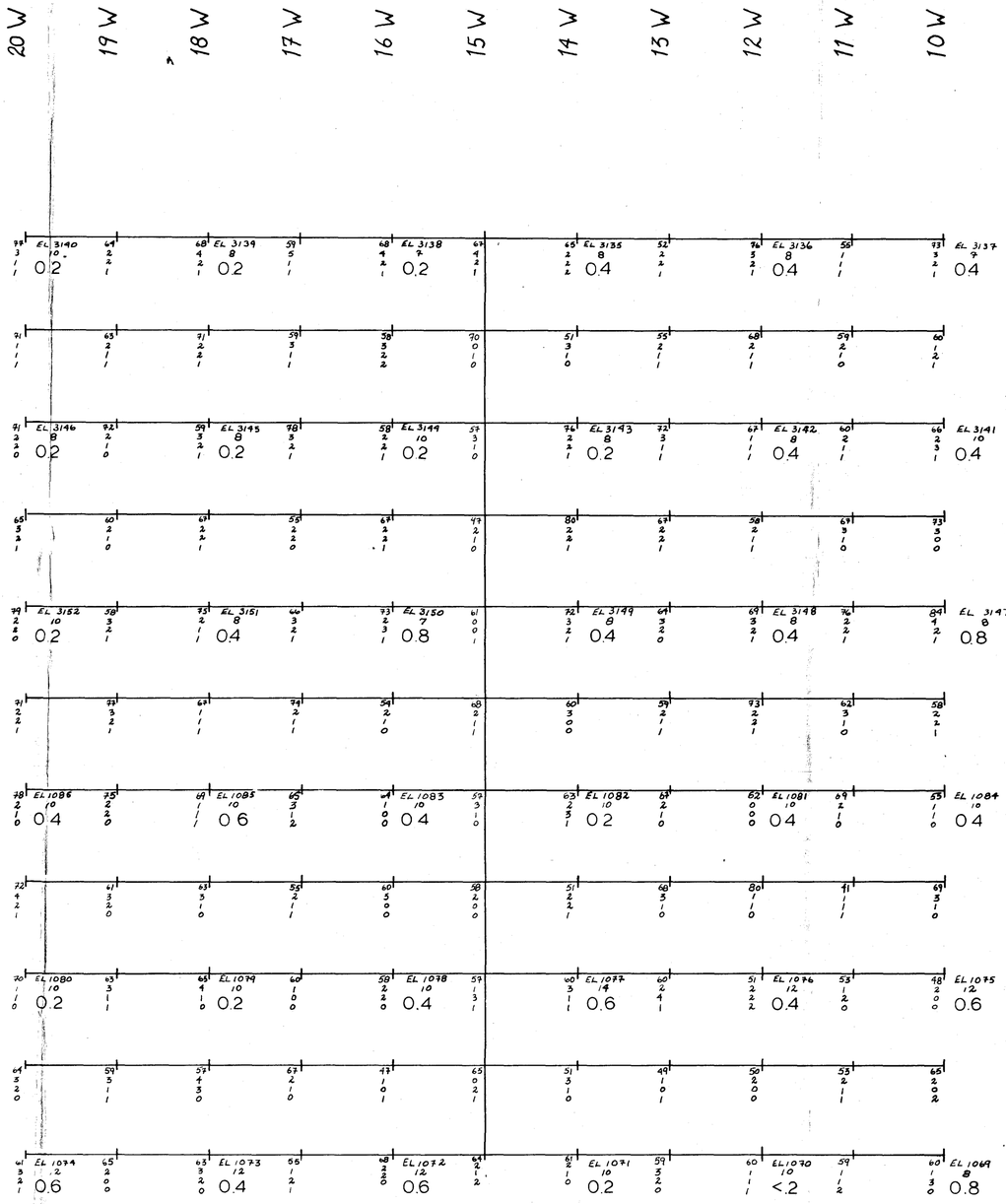
B. L. 053° az.

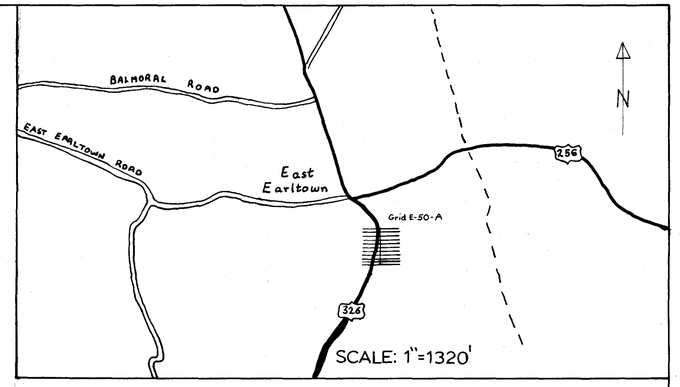
ANOMALIES: E-47-B & E-48-F

DRAWING No. 23 b.

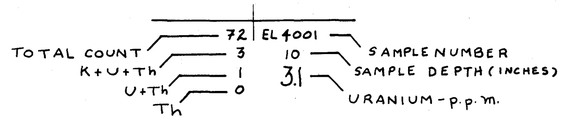
433183

RECEIVED
JUN 13 15 35'79
MINES
NOVA SCOTIA





LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

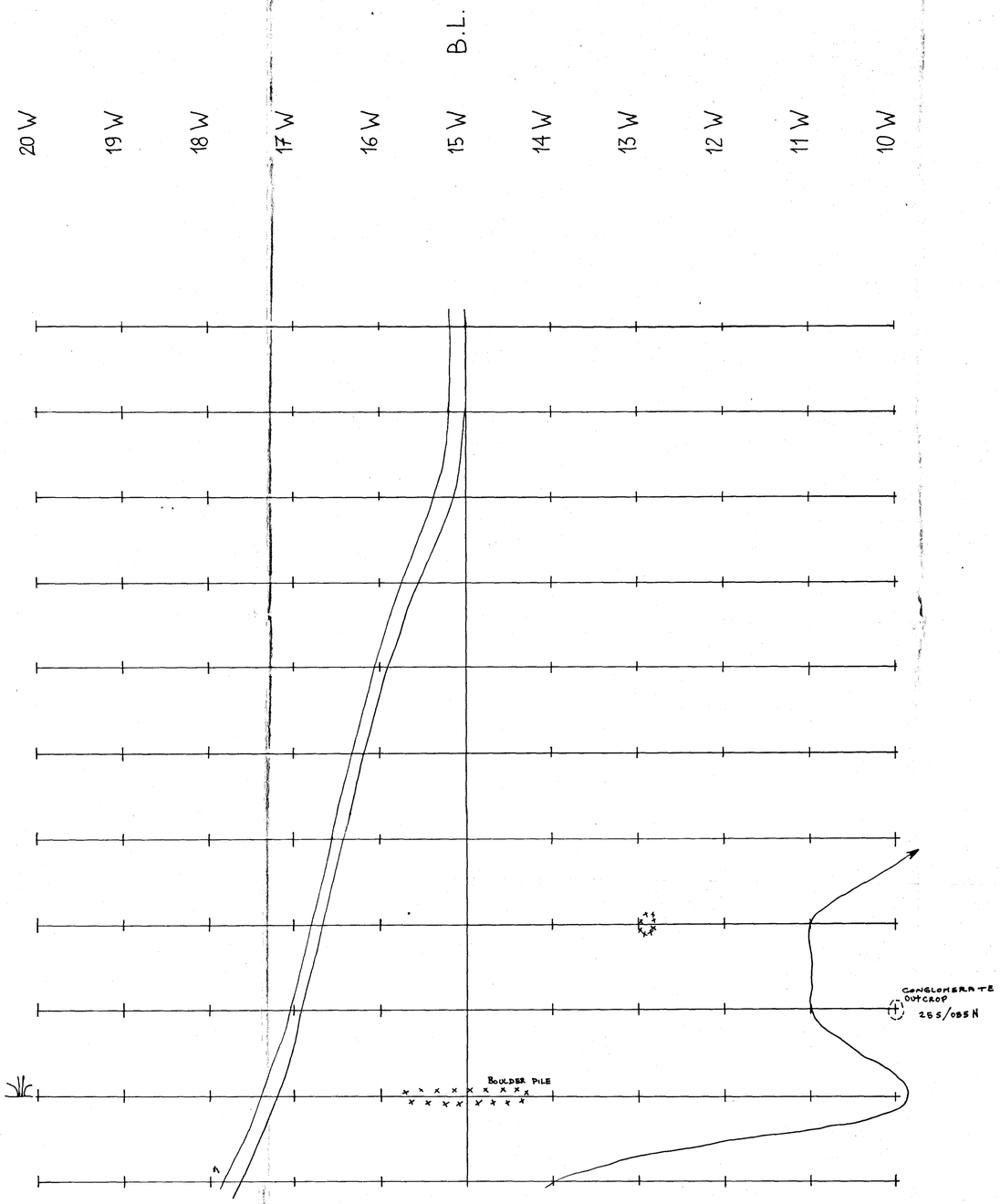
RECEIVED
JUN 13 15 35 '79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

EARLTOWN 433183

SCALE: 1 INCH = 100 FEET
PROJECT: NOVA SCOTIA
DRAWN BY: B.D.A.
ANOMALY Nº: E-50-A
DATE: JULY 5, 1978
CHECKED BY: G.W.F.
DRG. Nº 24 a.





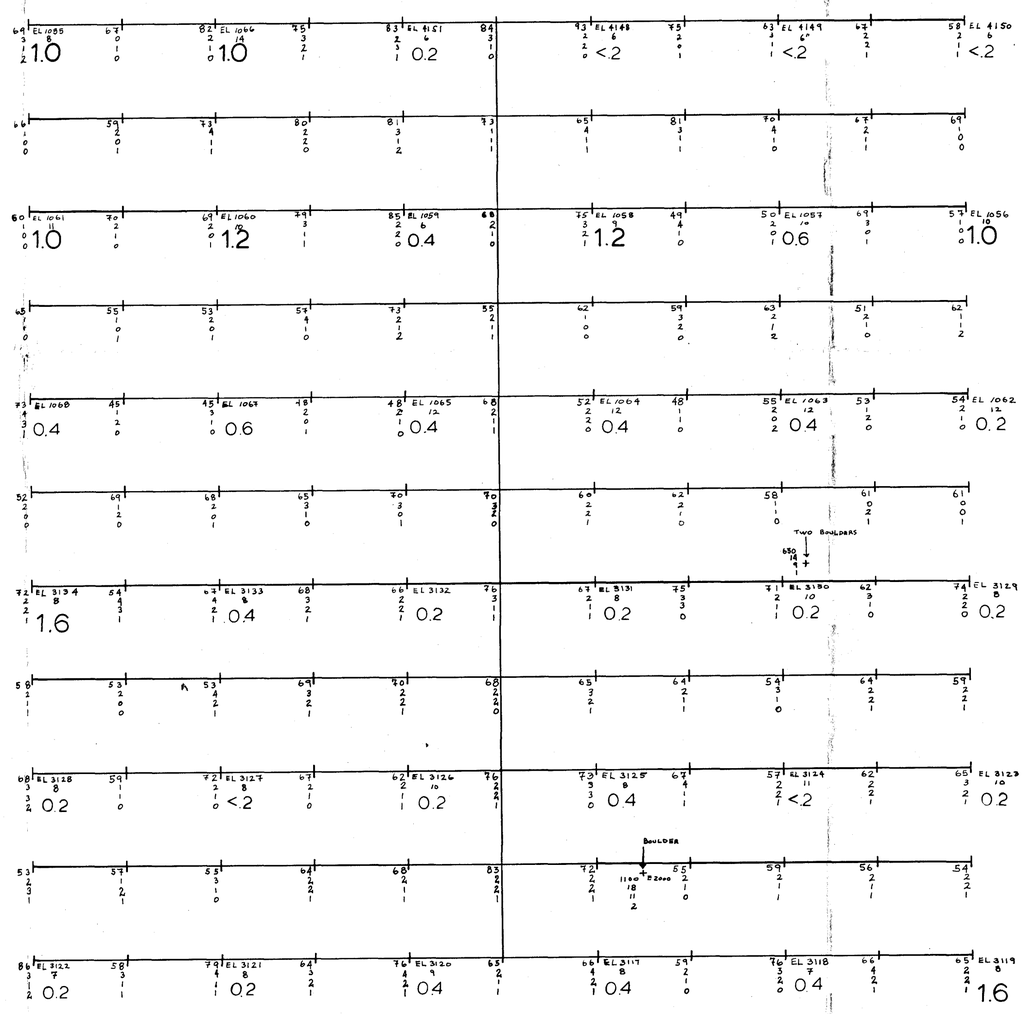
LEGEND

- HIGHWAY
- BOULDER PILE
- OUTCROP
- STREAM
- SWAMP

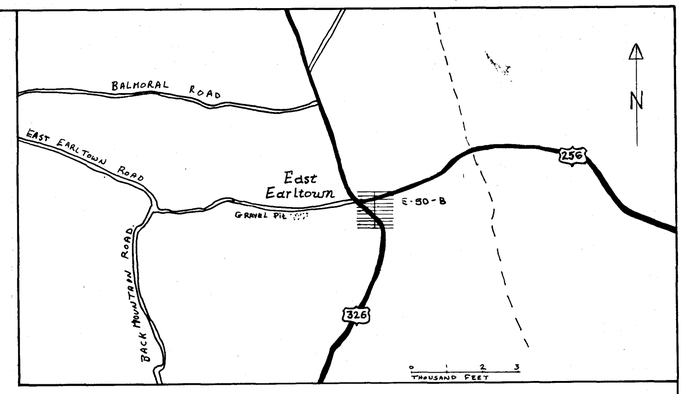
GRID E-50-A

RECEIVED
JUN 13 15 35 '78
MINES
NOVA SCOTIA

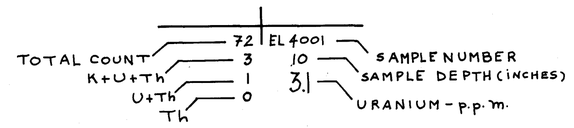
DRAWING No. 24 b. 433183







LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

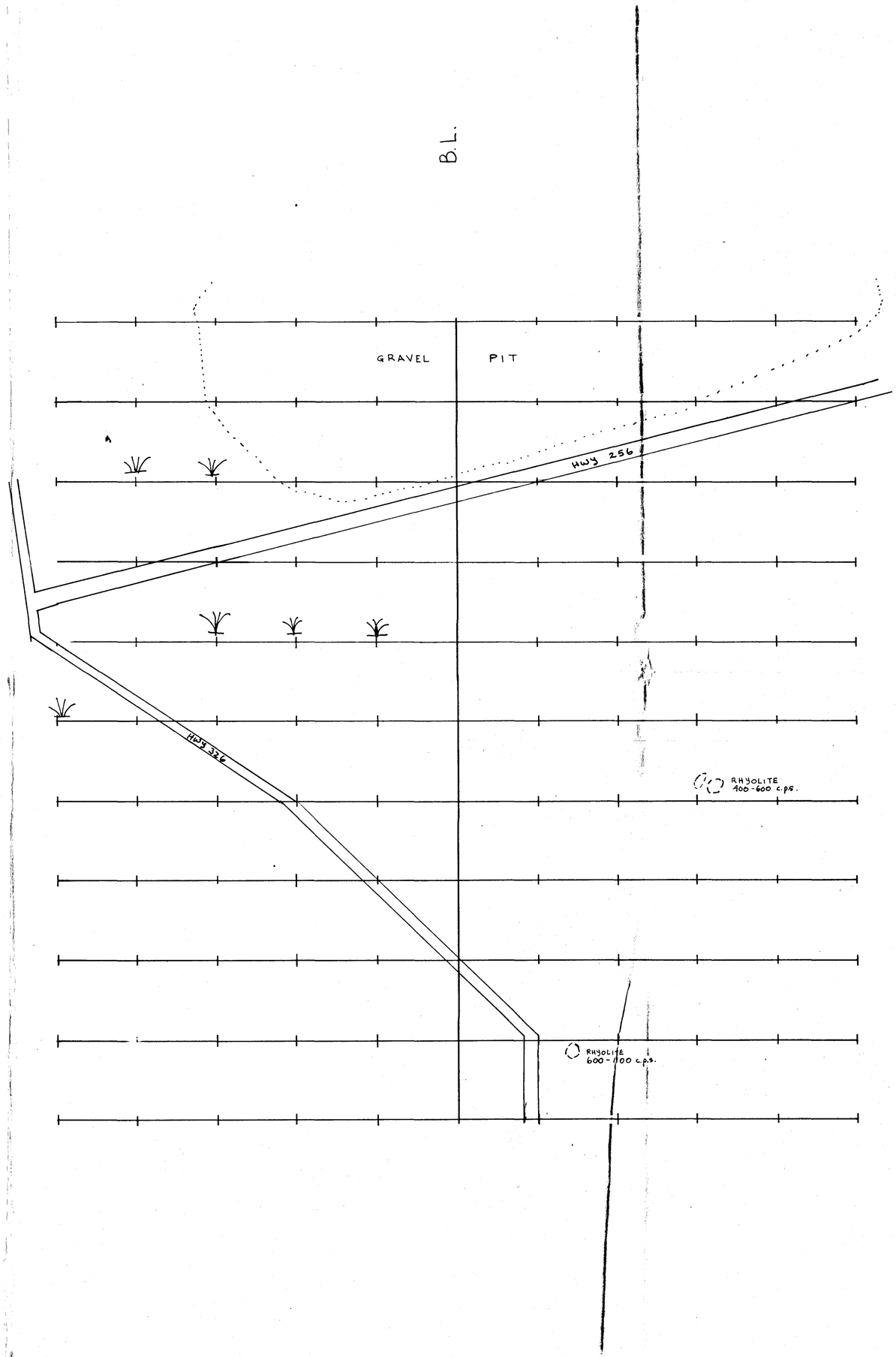
RECEIVED
JUN 13 15 35'79
MINES
NOVA SCOTIA

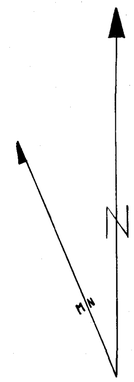
WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

EARLTOWN 233183

SCALE:	1 INCH = 100 FEET	PROJECT:	NOVA SCOTIA
DRAWN BY:	V. P. Jr.	ANOMALY Nº:	E-50-B
DATE:	JUNE 28, 1978	CHECKED BY:	V. V. P.
DRG. Nº	25 a.		





LEGEND

- GRAVEL PIT
- SWAMPY
- INFERRED PATH OF THE HWY
- BOULDER
- HIGHWAY

GRID E-50-B

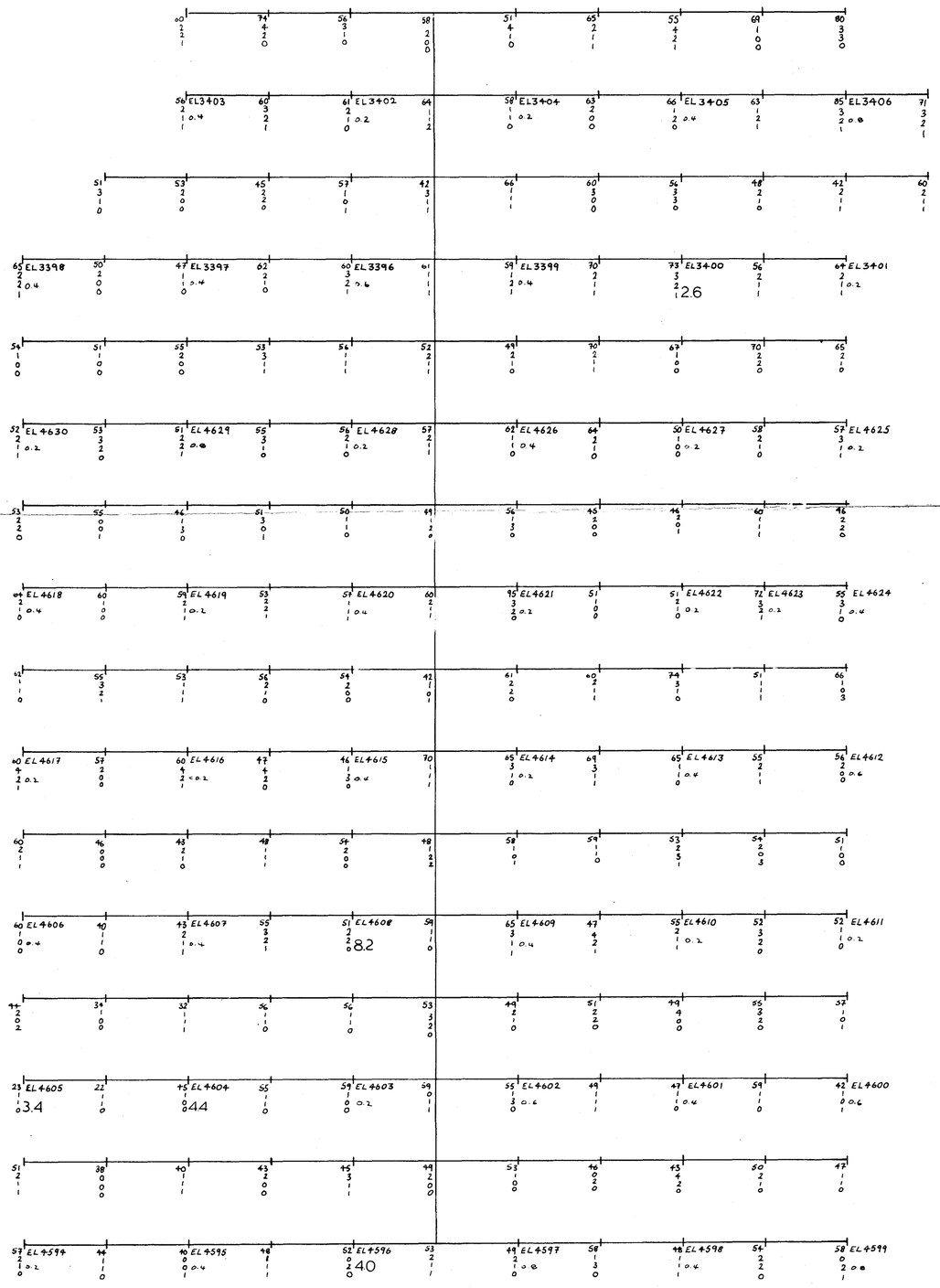
RECEIVED
JUN 13 15 36 '79
MINES
NOVA SCOTIA

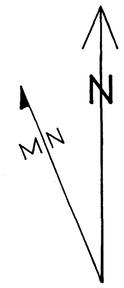
433183

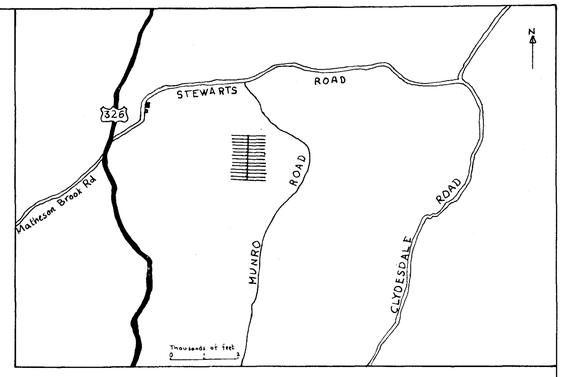
DRAWING No. 25 b.

20 W 19 W 18 W 17 W 16 W 15 W 14 W 13 W 12 W 11 W 10 W 9 W

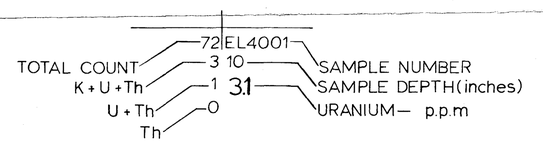
25 N 24 N 23 N 22 N 21 N 20 N 19 N 18 N 17 N 16 N 15 N 14 N 13. N 12 N 11 N 10 N







LEGEND



INSTRUMENT : SCINTREX GIS-4 INTEGRATING
GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

NORTH EARLTOWN **433183**

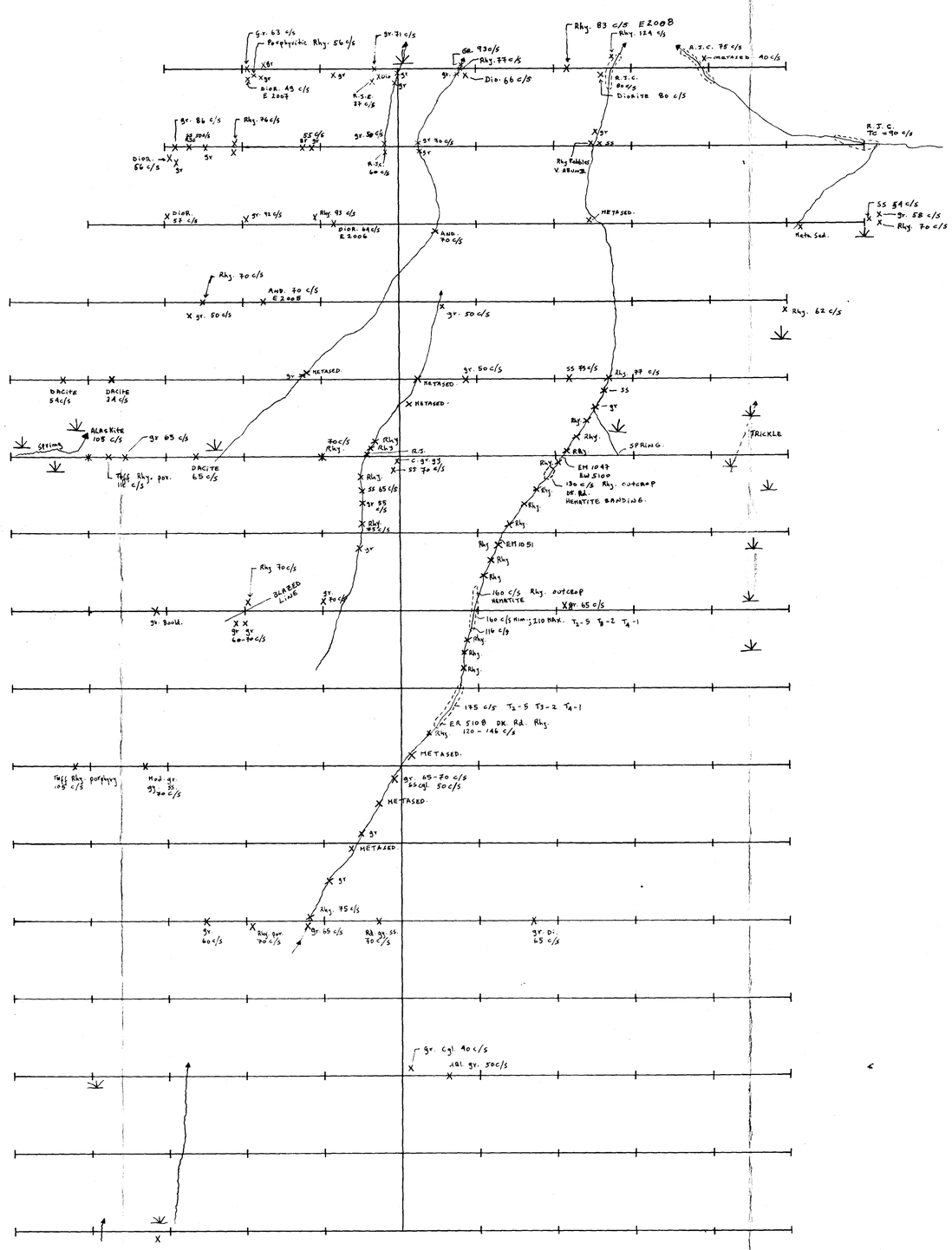
Scale : 1 inch = 100ft
Drawn by : M.A.T
Date : August 7, 1978
Drg no. 26 a.

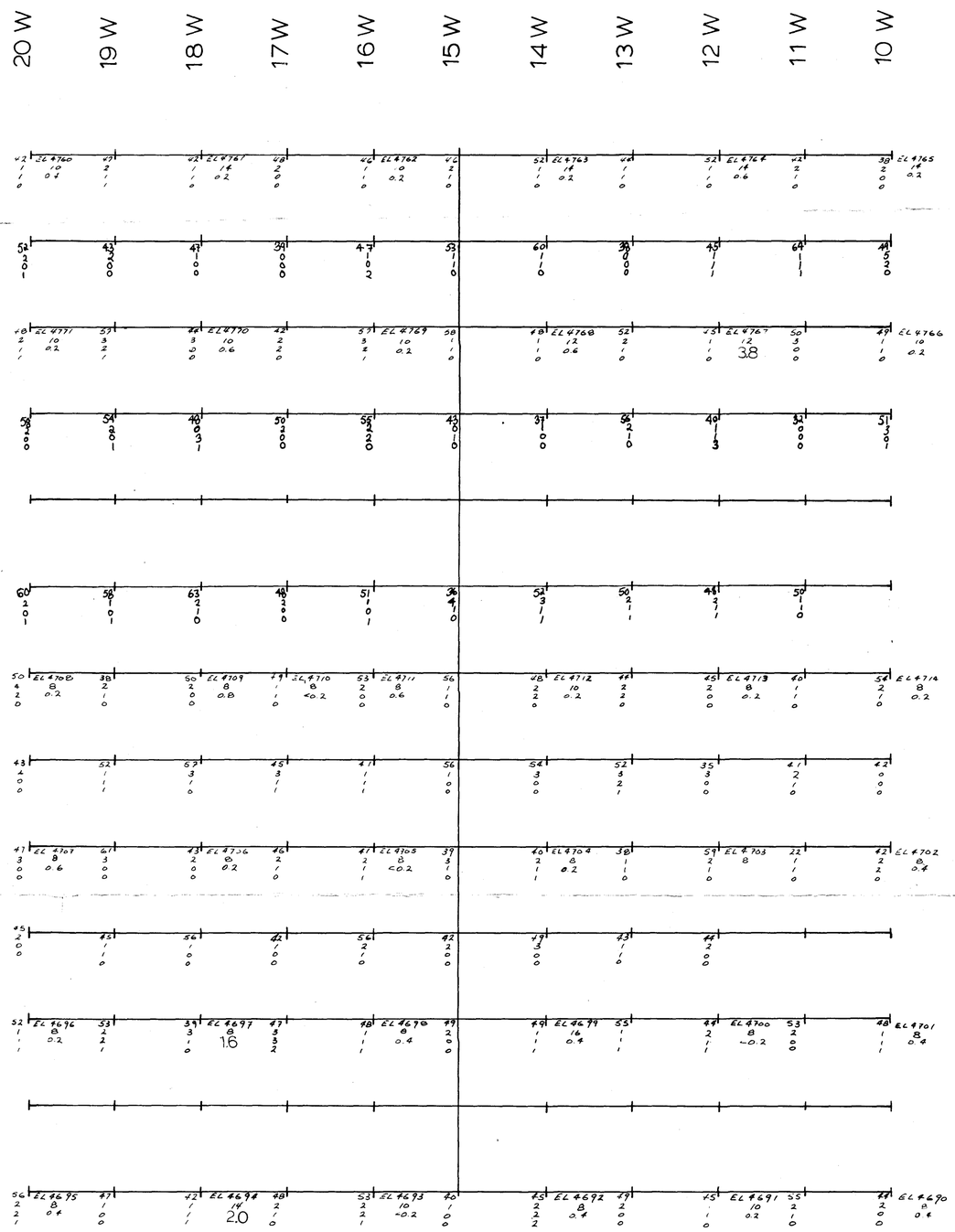
Project : Nova Scotia
Anomaly no. : E - 51
Checked by : GWF

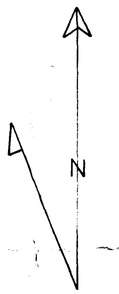
RECEIVED
JUN 13 15 36'79
MINES
NOVA SCOTIA

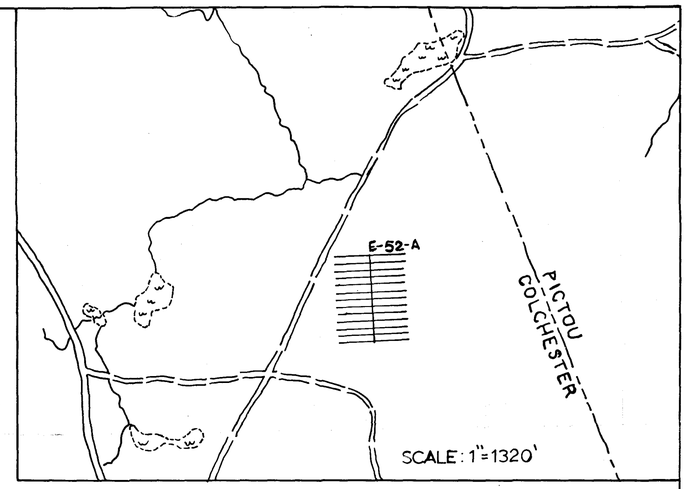
20 - W | 19 - W | 18 - W | 17 - W | 16 - W | 15 - W B.L. | 14 - W | 13 - W | 12 - W | 11 - W | 10 - W | 9 - W

25 - N
24 - N
23 - N
22 - N
21 - N
20 - N
19 - N
18 - N
17 - N
16 - N
15 - N
14 - N
13 - N
12 - N
11 - N
10 - N


gr. 63 c/s
Porphyritic Rhy. 56 c/s
gr. 71 c/s
Ga. 930 c/s
Rhy. 77 c/s
Rhy. 83 c/s E2008
Rhy. 129 c/s
R.J.C. 75 c/s
metased. 40 c/s
Dior. 49 c/s E 2007
R.S.E. 27 c/s
Dio. 66 c/s
R.J.C. 80 c/s
Diorite 80 c/s
gr. 86 c/s
Rhy. 76 c/s
R.J.C. TC = 90 c/s
Dior. 66 c/s
gr. 70 c/s
R.J.C. 60 c/s
Rhy Pebbles V. Abund.
Dior. 57 c/s
gr. 72 c/s
Rhy. 93 c/s
Dior. 64 c/s E 2006
METASED.
Meta Sed.
SS 54 c/s
gr. 58 c/s
Rhy. 70 c/s
Rhy. 70 c/s
And. 70 c/s E 2008
And. 70 c/s
gr. 50 c/s
Rhy. 62 c/s
gr. 50 c/s
gr. 50 c/s
SS 55 c/s
Rhy. 97 c/s
Dacite 54 c/s
Dacite 74 c/s
Alaskite 108 c/s
gr 65 c/s
Spring
Tuff Rhy. por. 112 c/s
Dacite 65 c/s
70 c/s Rhy
Rhy
Rhy







LEGEND

total count — 72 | EL 4001 — sample number
K+U+Th — 3 | 10 — sample depth (inches)
U+Th — 1 | 3.1 — uranium ppm
Th — 0

INSTRUMENT: SCINTREX GIS 4 INTEGRATING GAMMA RAY SPECTROMETER

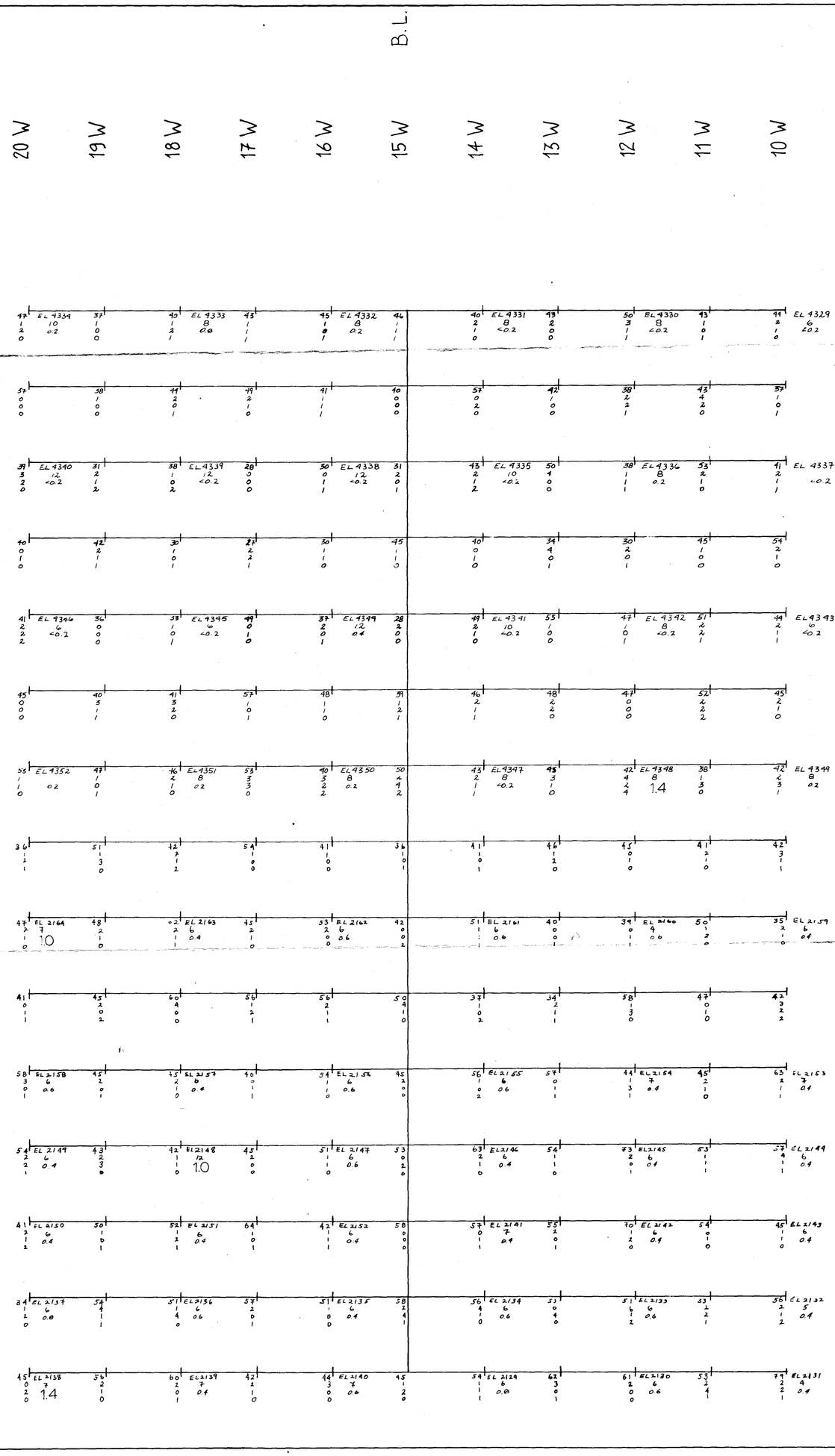
WYOMING MINERAL CORP.

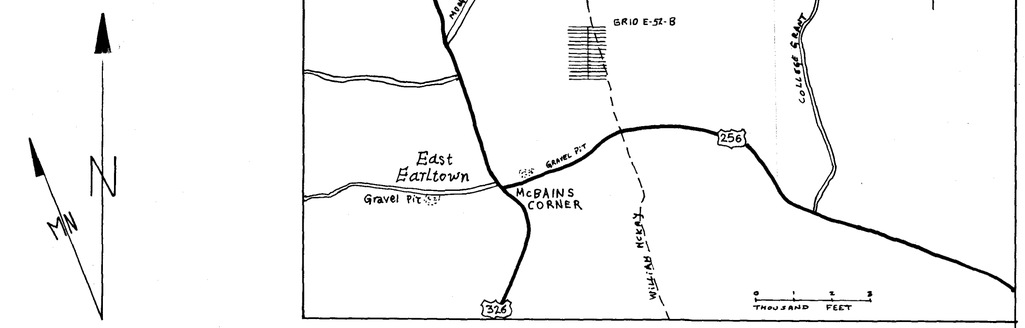
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

433183

SCALE: 1INCH = 100 FT
PROJECT: NOVA SCOTIA
DRAWN BY: D.G.
ANOMALY NO: E-52-A
DATE: JUNE 4th, '79
CHECKED BY: G.W.F.
DRG NO: 27a

RECEIVED
JUN 13 15 36'79
MINES
NOVA SCOTIA





LEGEND

72 | EL 4001
TOTAL COUNT — 3 | 10 — SAMPLE NUMBER
K+U+Th — 1 | 3.1 — SAMPLE DEPTH (INCHES)
U+Th — 0 | URANIUM - p.p.m.
Th

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

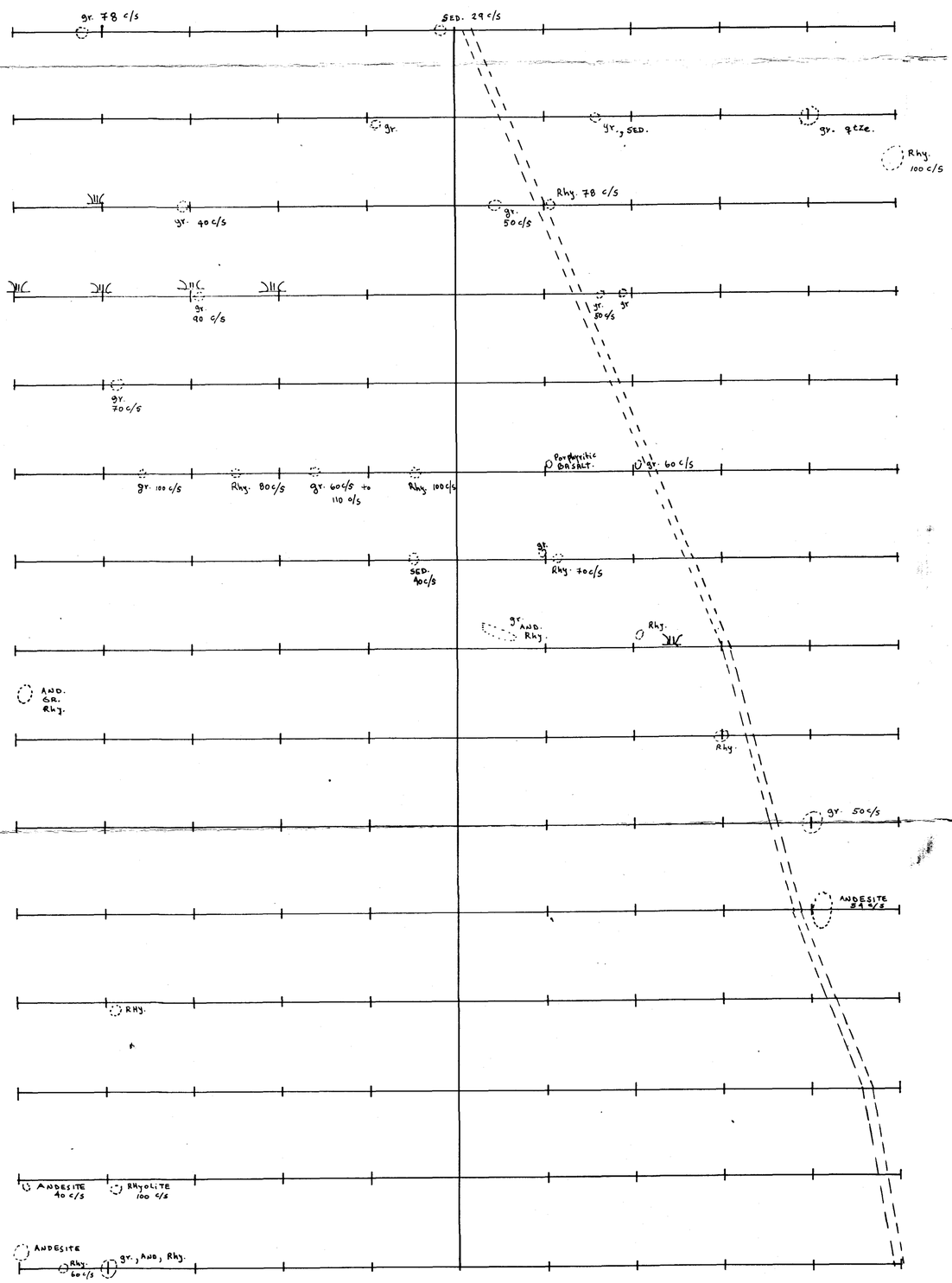
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

MCBAIN'S CORNER **433183**

SCALE : 1 INCH = 100 FEET
PROJECT : NOVA SCOTIA
DRAWN BY : V. P.
ANOMALY Nº : E-52-B
DATE : JULY 20, 1978
CHECKED BY : V.V. P.
DRG. Nº: 28 a.

RECEIVED
JUN 13 15 36'79
MINES
NOVA SCOTIA

20 W 19 W 18 W 17 W 16 W 15 W B.L. 14 W 13 W 12 W 11 W 10 W



24 N
23 N
22 N
21 N
20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N

N
MN

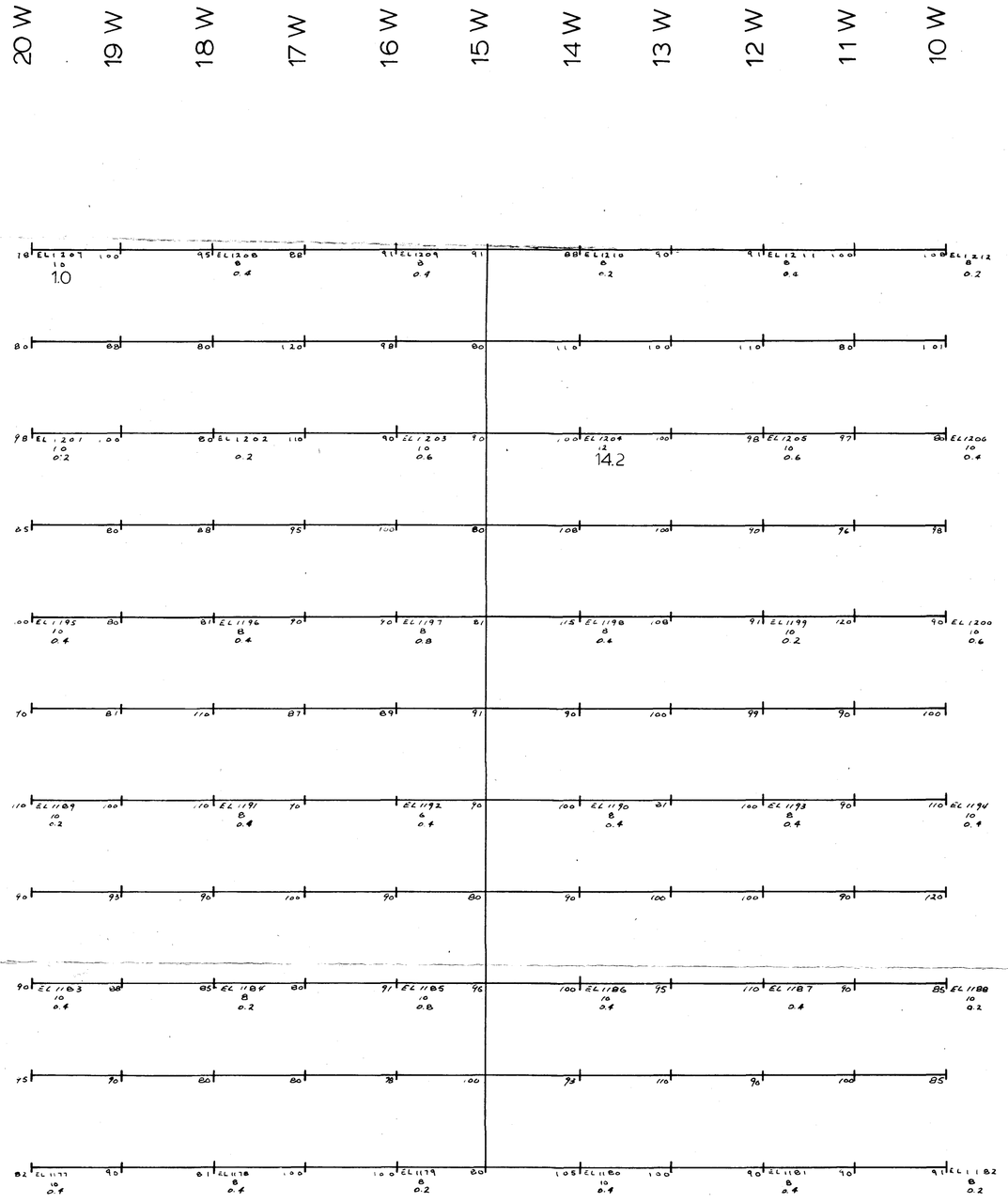
LEGEND

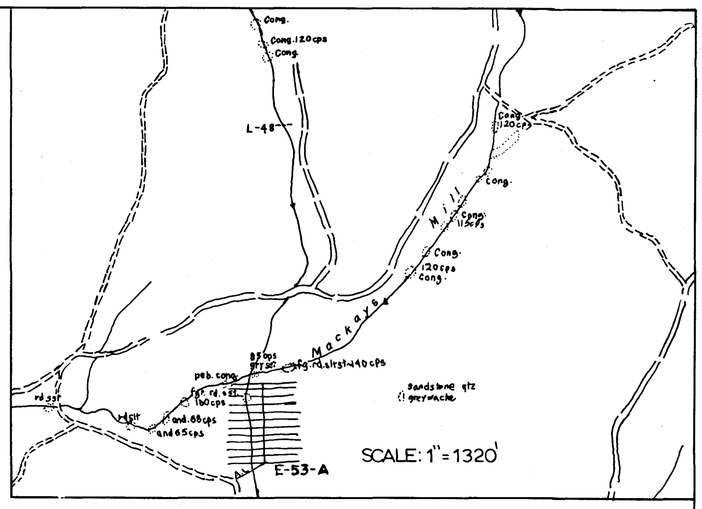
- TRAIL
- BOULDERS
- SWAMP
- gr GRANITE
- Rhy. RHYOLITE
- AND. ANDESITE
- SED. SEDIMENT
- Qtze QUARTZITE

GRID E-52-B

433183

DRAWING No. 28 b.





LEGEND

total count — 72 — EL4001 — sample number
K+U+Th — 3 — 10 — sample depth (inches)
U+Th — 1 — 3.1 — uranium p.p.m.
Th — 0

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

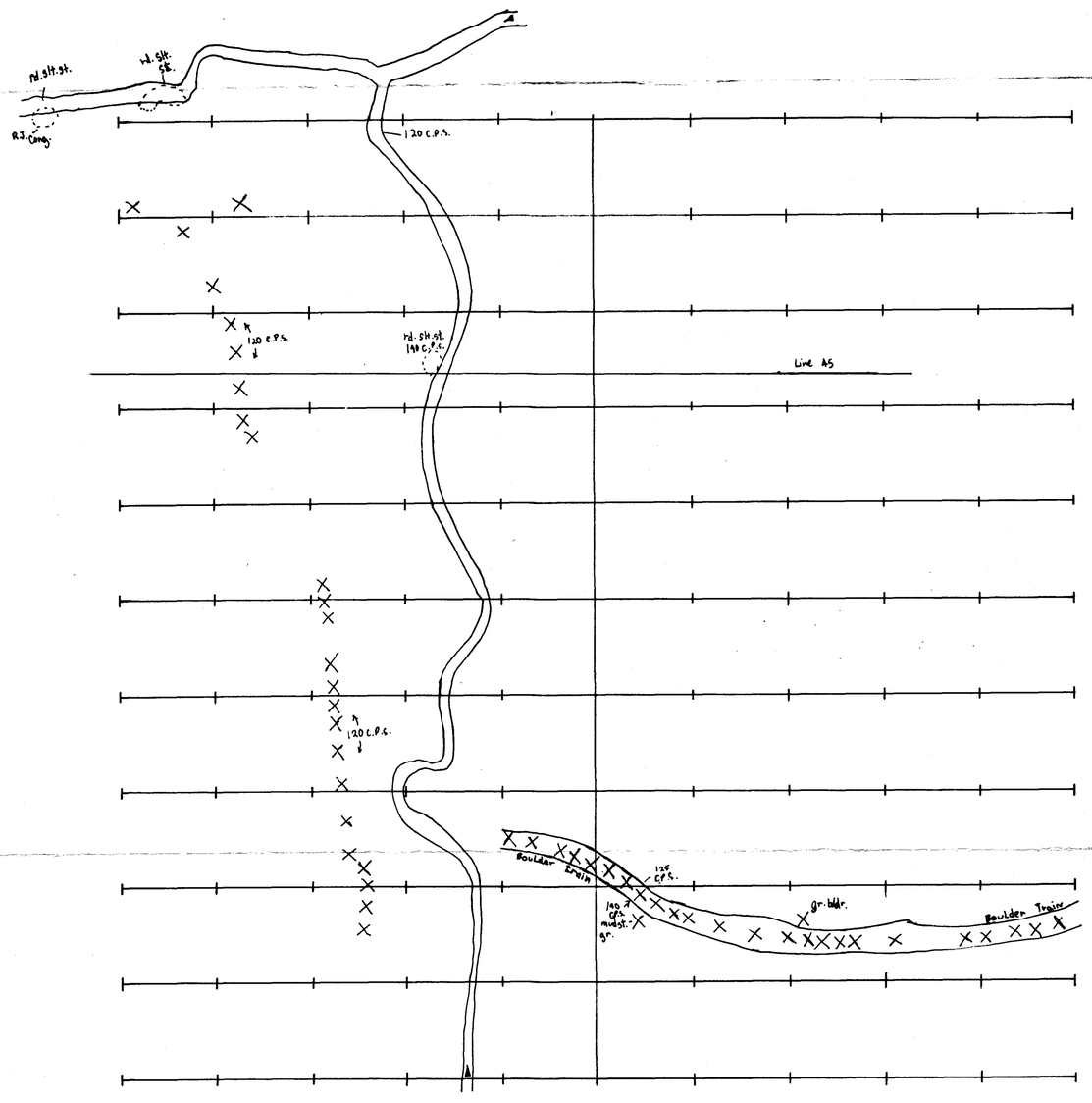
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY
EARLTOWN CLAIM GROUP

433183

SCALE: 1 INCH = 100 FT	PROJECT: NOVA SCOTIA
DRAWN BY: D.G.	ANOMALY NO: E-53-A
DATE: JUNE 4th, '79	CHECKED BY: G.W.F.
DRG NO: 29 a.	

RECEIVED
JUN 13 15 36 '79
MINES
NOVA SCOTIA

20 W 19 W 18 W 17 W 16 W 15 W 14 W 13 W 12 W 11 W 10 W



20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N

N

LEGEND

// – STREAM
X – BOULDER(S)
⋰ – OUTCROP

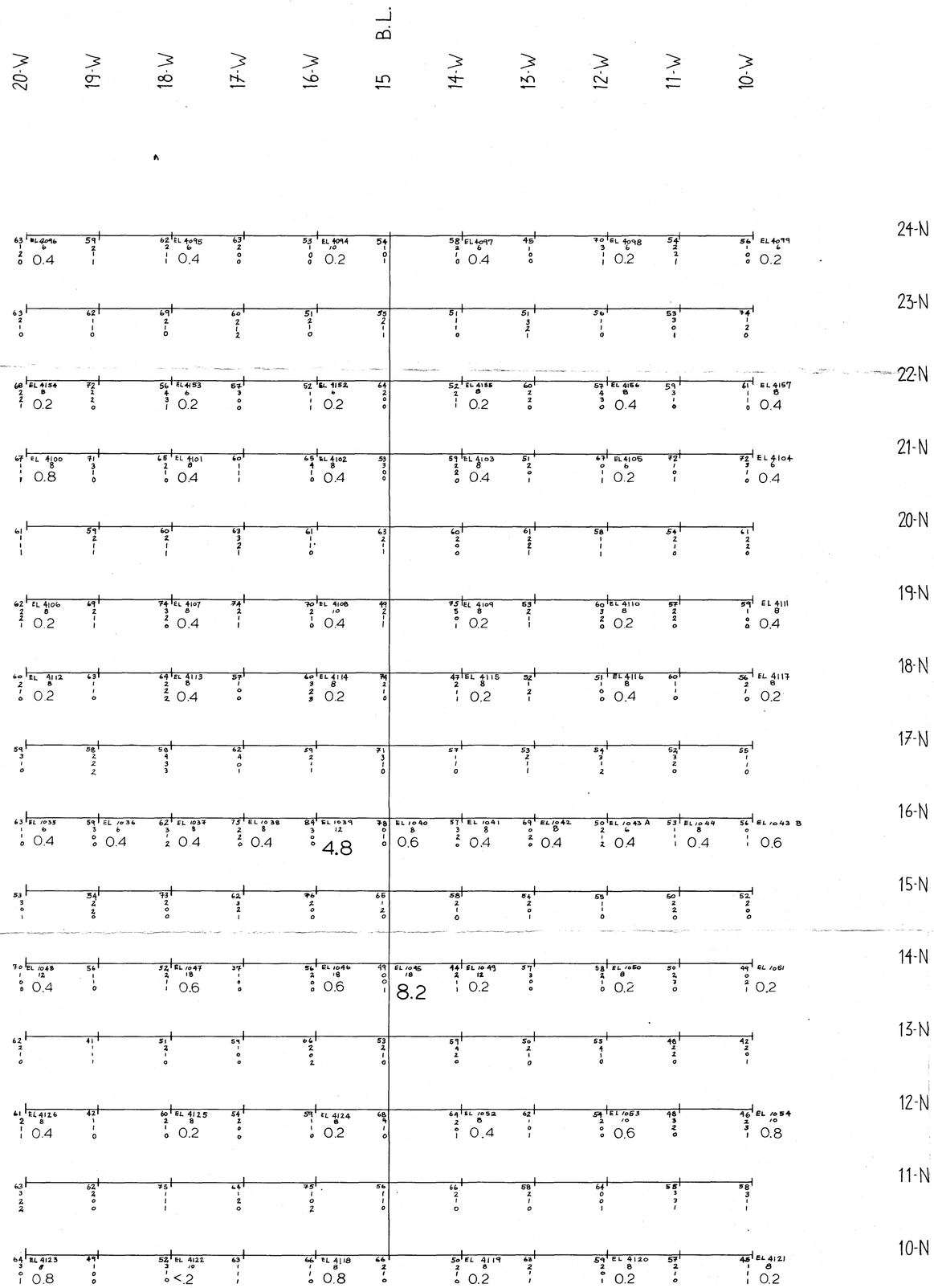
gr. – GRANITE
sst. – SANDSTONE
rd. – RED
sh. st. – SILTSTONE
bldr. – BOULDER

ANOMALY No. E-53-A

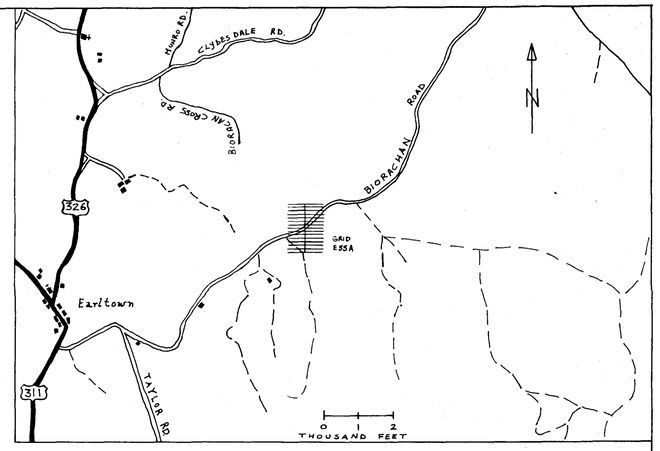
RECEIVED
JUN 13 15 37'79
MINES
NOVA SCOTIA

233183

DRAWING No. 29 b.







LEGEND

TOTAL COUNT	72	EL 4001	SAMPLE NUMBER
K+U+Th	3	10	SAMPLE DEPTH (INCHES)
U+Th	1	3.1	URANIUM - p.p.m.
Th	0		

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP.

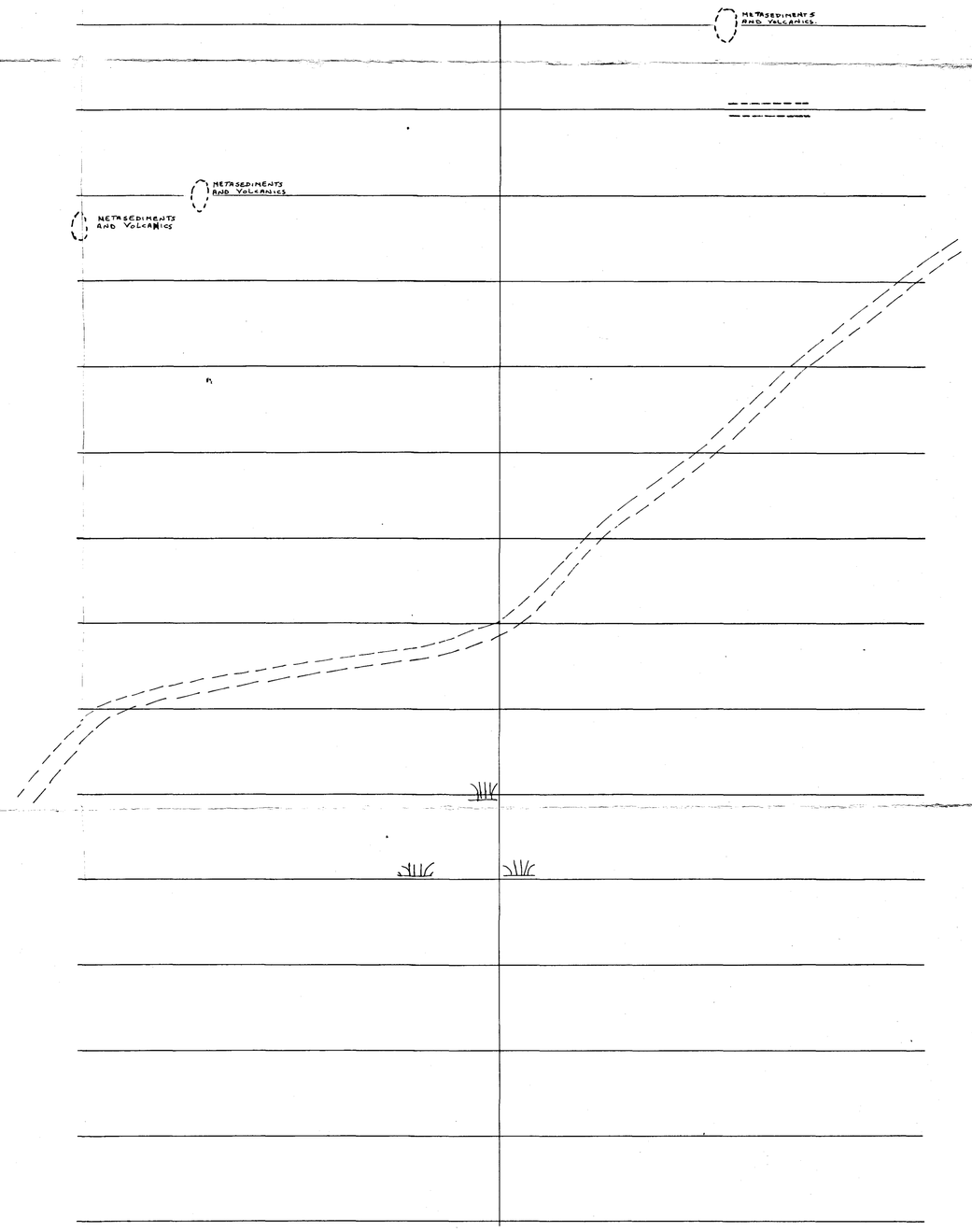
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

EARLTOWN 433183

SCALE:	1 INCH = 100 FEET	PROJECT:	NOVA SCOTIA
DRAWN BY:	V. P. Jr.	ANOMALY Nº:	E-55-A
DATE:	JUNE 28, 1978	CHECKED BY:	W. F., V.V.P.
DRG. Nº:	30 a.		

E 55 A

20 W | 19 W | 18 W | 17 W | 16 W | 15 B.L. | 14 W | 13 W | 12 W | 11 W | 10 W



24-N
23-N
22-N
21-N
20-N
19-N
18-N
17-N
16-N
15-N
14-N
13-N
12-N
11-N
10-N



LEGEND

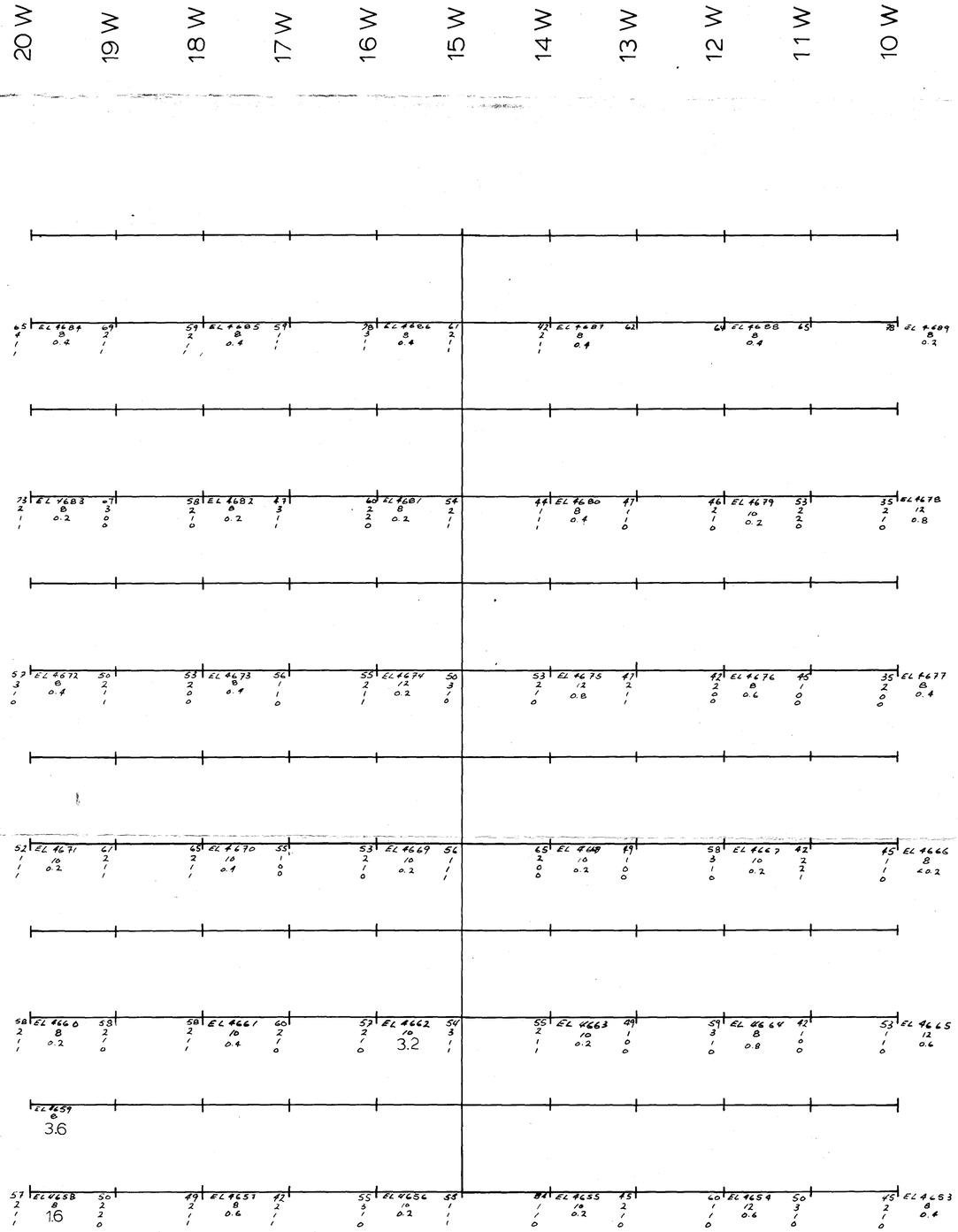
- ROAD
- STONE PILE
- TRAIL
- SWAMP

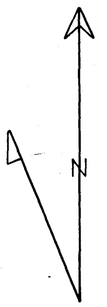
RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

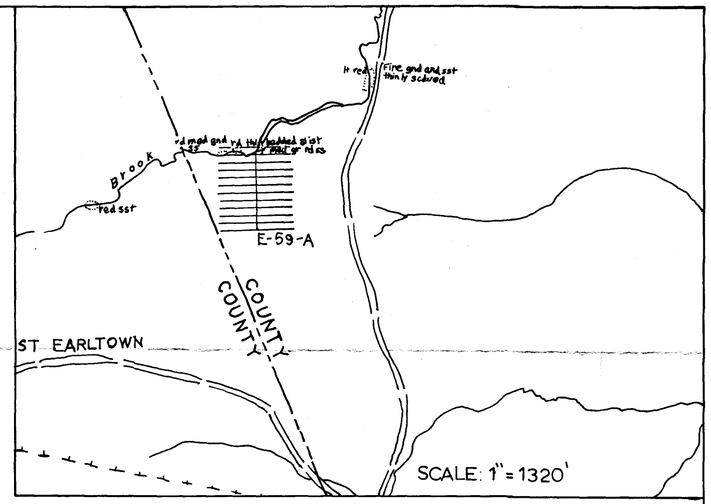
GRID E-55-A

433183

DRAWING No. 30 b.







LEGEND

total count — 72 EL4001 — sample number
K+U+Th — 3 10
U+Th — 1 3.1 — sample depth (inches)
Th — 0 — uranium p.p.m.

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

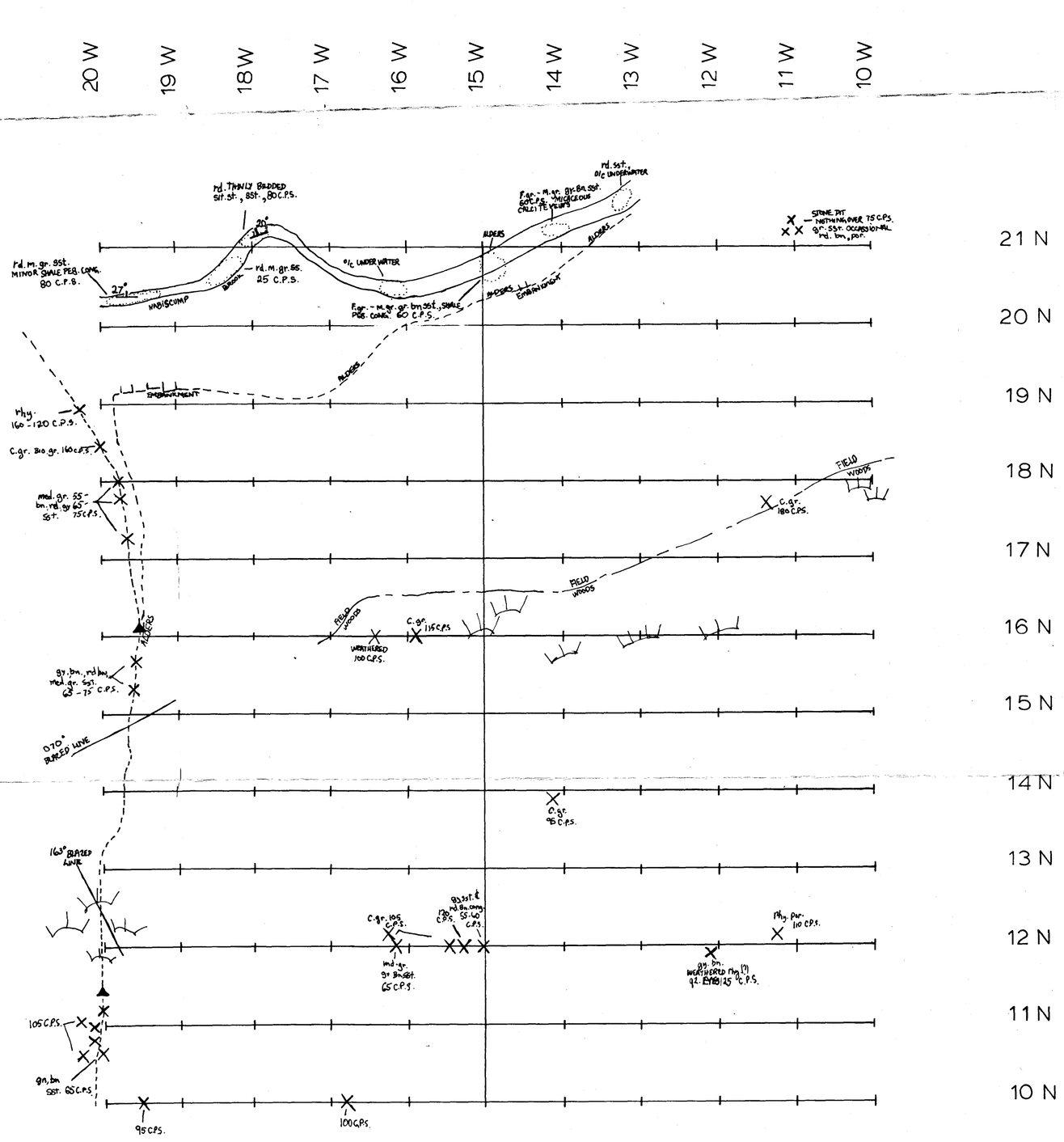
WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

433183

SCALE: 1 INCH = 100 FT
DRAWN BY: DG.
DATE: JUNE 4th, '79
DRG NO: 31 a.

PROJECT: NOVA SCOTIA
ANOMALY NO: E-59-A
CHECKED BY: G.W.F.



LEGEND

- OUTCROP
- BROOK
- ALDERS
- X — BOULDER(S)
- SWAMPY AREA

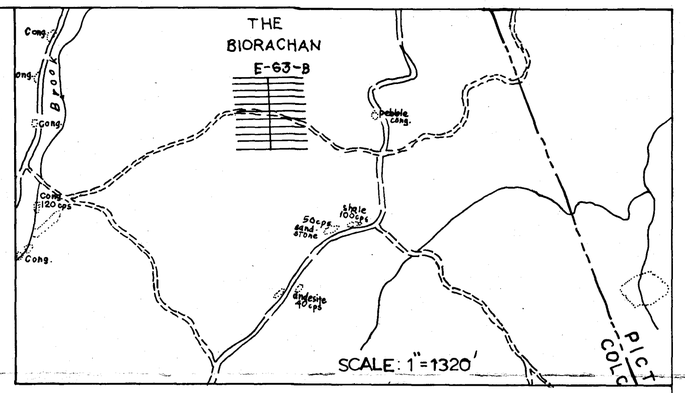
M. = MEDIUM
gr. = GRAIN
slt. st. = SILTSTONE
sst. = SANDSTONE
c. = COARSE
rd. = RED
bn. = BROWN
gy. = GREY
qz. = QUARTZ
bio. = BIOTITE
rhy. = RHYOLITE

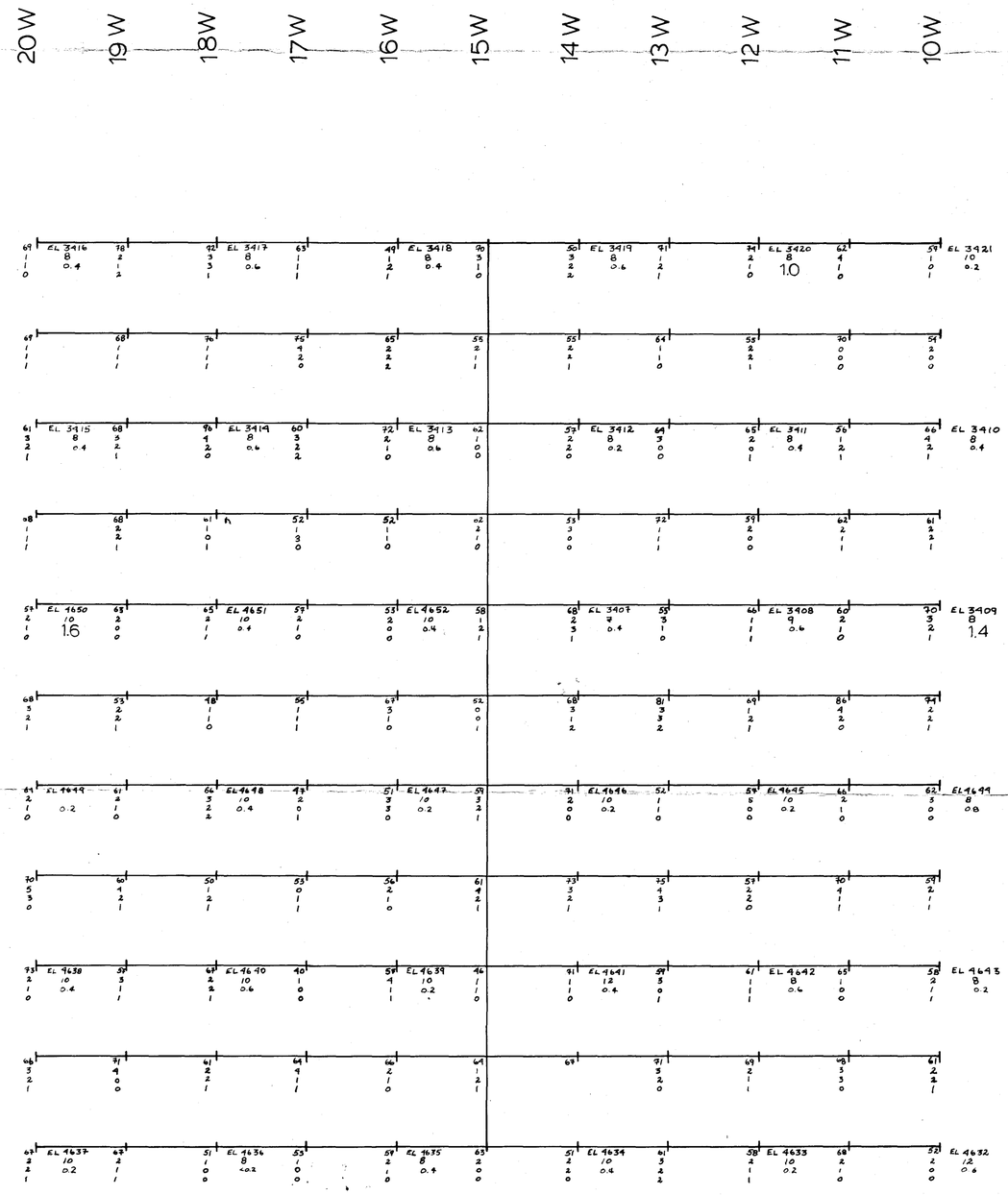
ANOMALY No. E-59-A

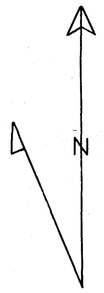
DRAWING No. 31 b.

433183

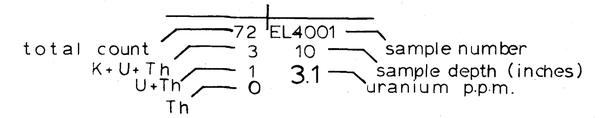
RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA







LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

WYOMING MINERAL CORP.

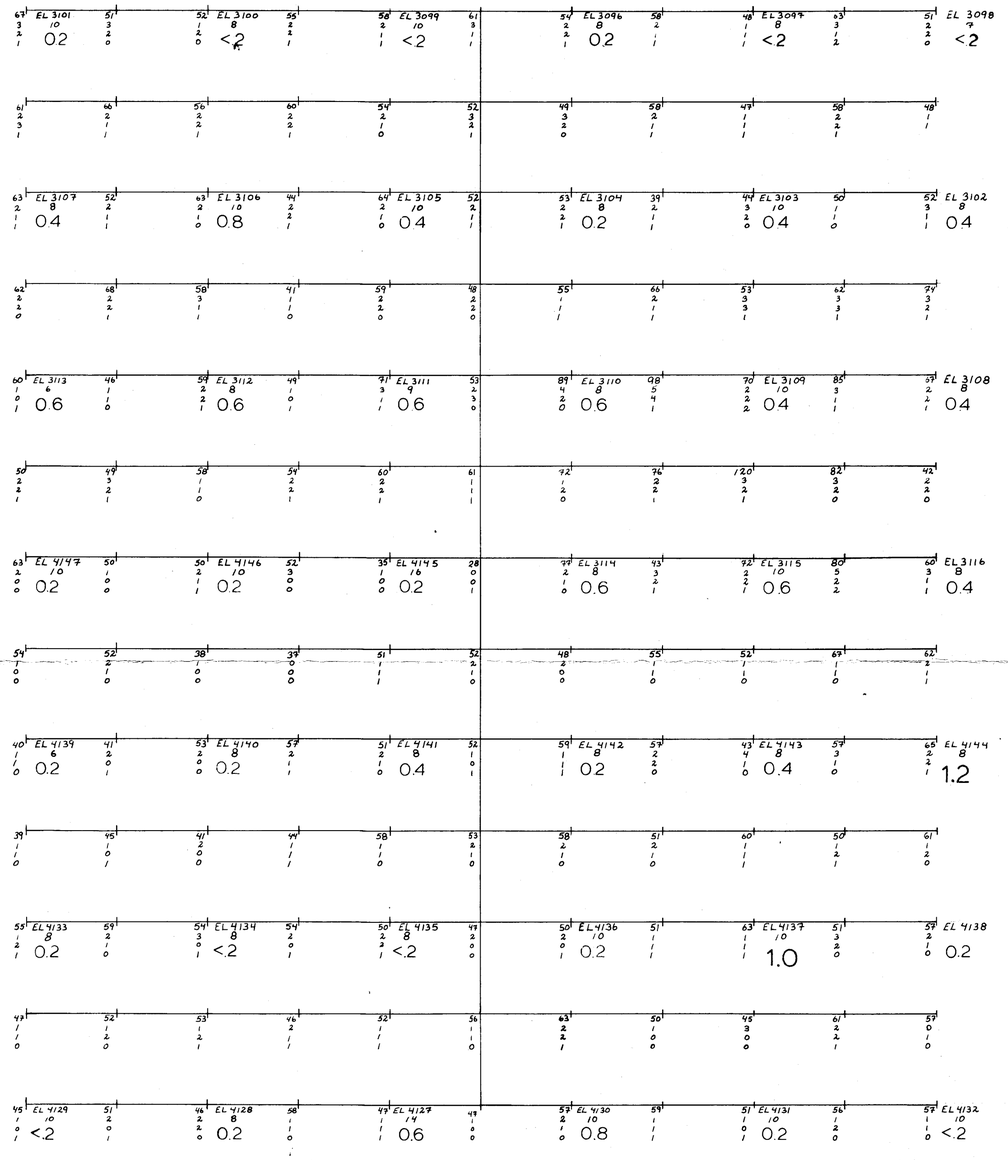
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

EARLTOWN 433183

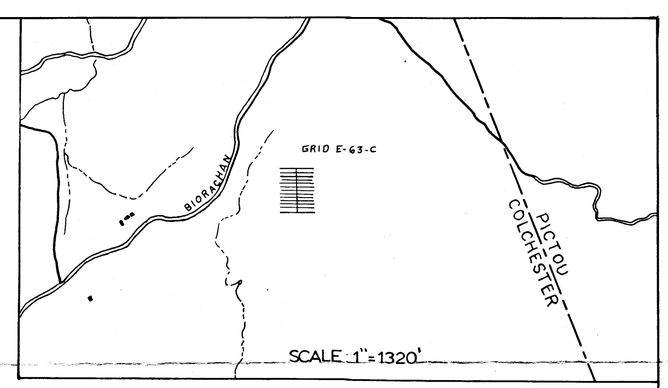
SCALE: 1 INCH = 100 FT
PROJECT: NOVA SCOTIA
DRAWN BY: D.G.
ANOMALY NO: E 63 B
DATE: JUNE 4th, '79
CHECKED BY: G.W.F.
DRG NO: 32a

RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

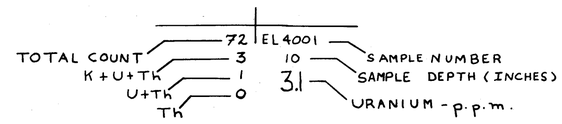
20-W 19-W 18-W 17-W 16-W 15-W 14-W 13-W 12W 11-W 10-W



22-N
21-N
20-N
19-N
18-N
17-N
16-N
15-N
14-N
13-N
12-N
11-N
10-N



LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

RECEIVED
JUN 13 15 37'79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

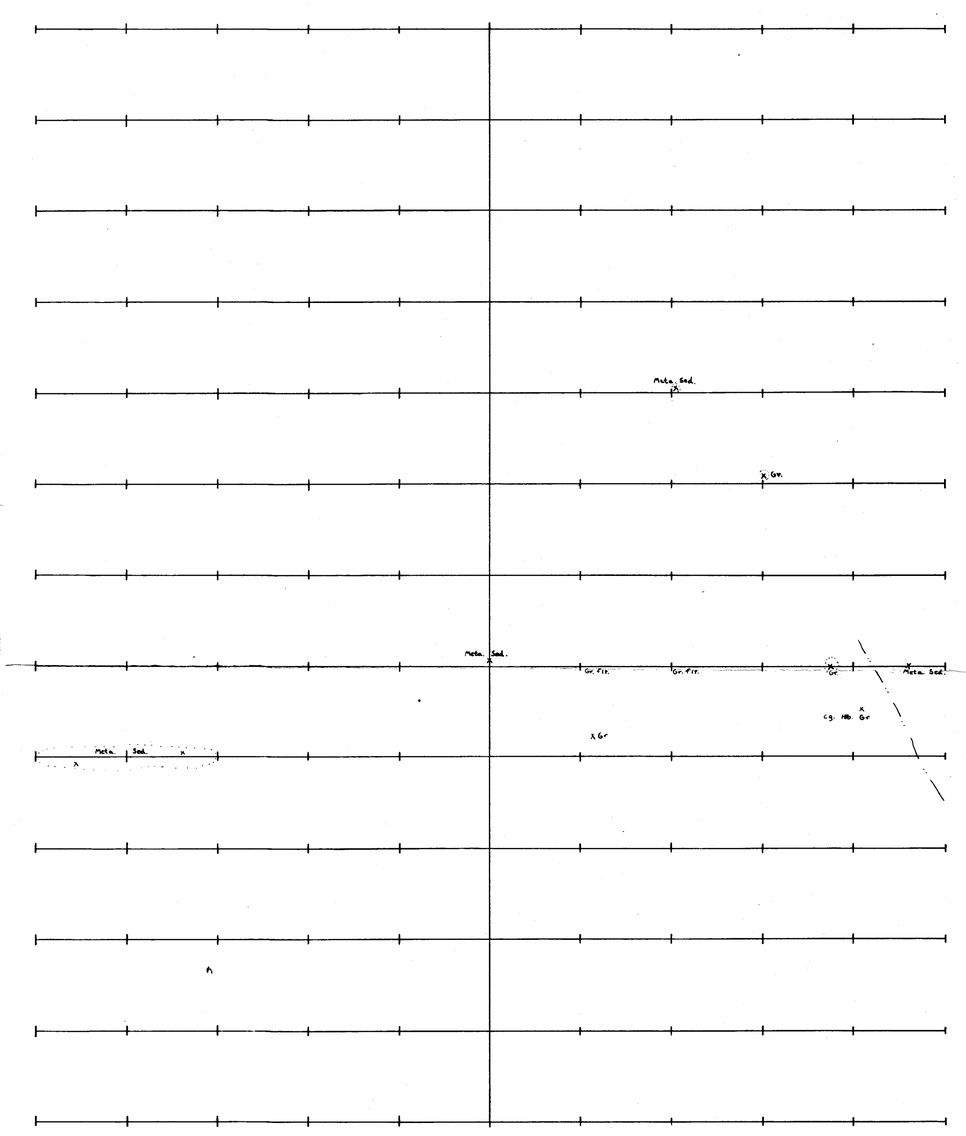
EARLTOWN 433183

SCALE :	1 INCH = 100 FEET	PROJECT :	NOVA SCOTIA
DRAWN By :	B. D. A.	ANOMALY Nº :	E-63-C
DATE :	JUNE 28, 1978	CHECKED By:	GWF
DRG. Nº	33 a.		

E-63-C

20-W 19-W 18-W 17-W 16-W 15-W 14-W 13W 12W 11-W 10-W





22-N

21-11

20-N

19-N

18-N

17-N

16-N

15-N

14-N

13-N

12-N

11-N

10-N

LEGEND

X OUTCROP

(X) SAMPLE TAKEN

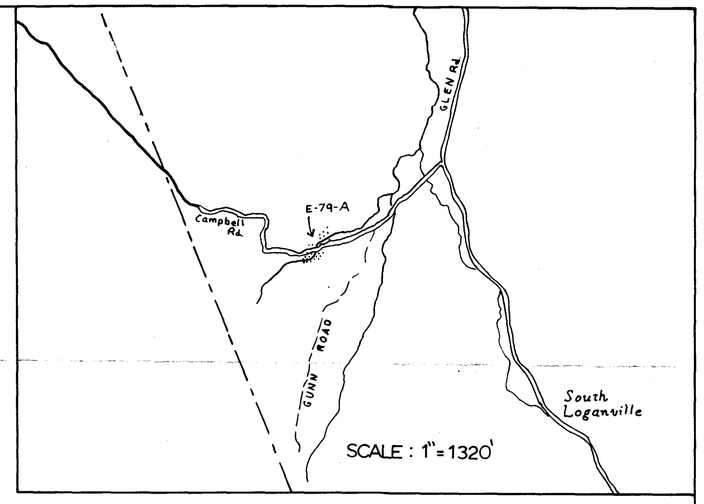
—·— ASSUMED CONTACT.

GRID E-63-C

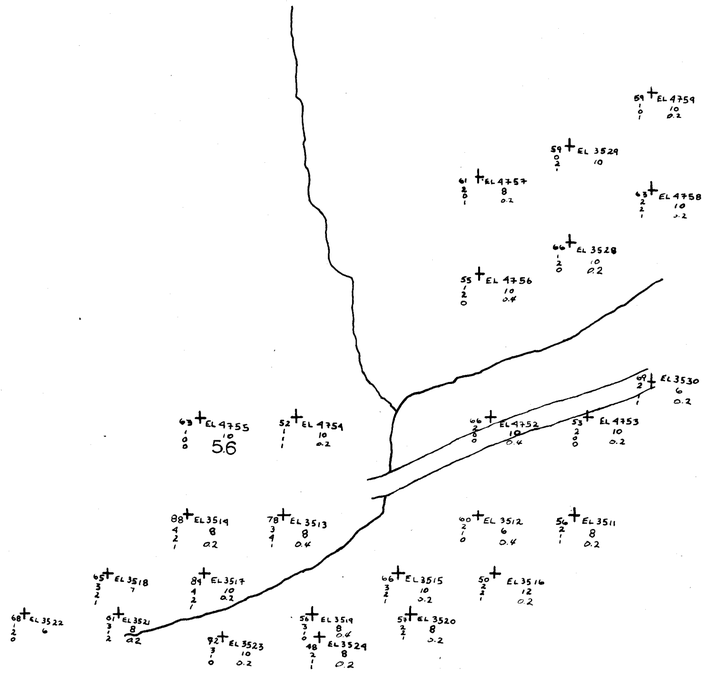
RECEIVED
JUN 13 15 37'79
MINES
NOVA SCOTIA

433183

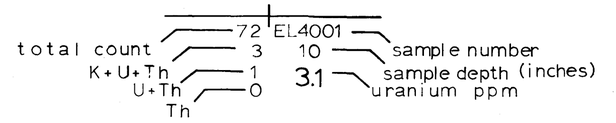
DRAWING No. 33 b.







LEGEND



INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

NOTE: THIS GRID IS OUTSIDE OUR CLAIM AREA.

RECEIVED
JUN 13 15 37
MINES
NOVA SCOTIA

RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY

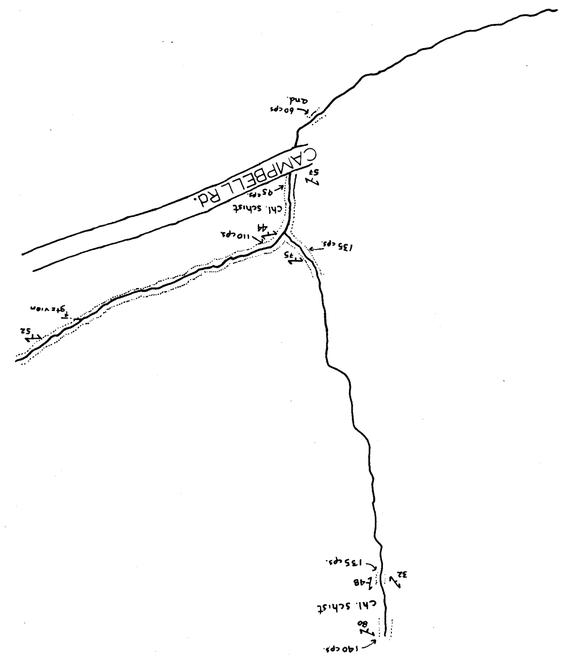
EARLTOWN CLAIM GROUP

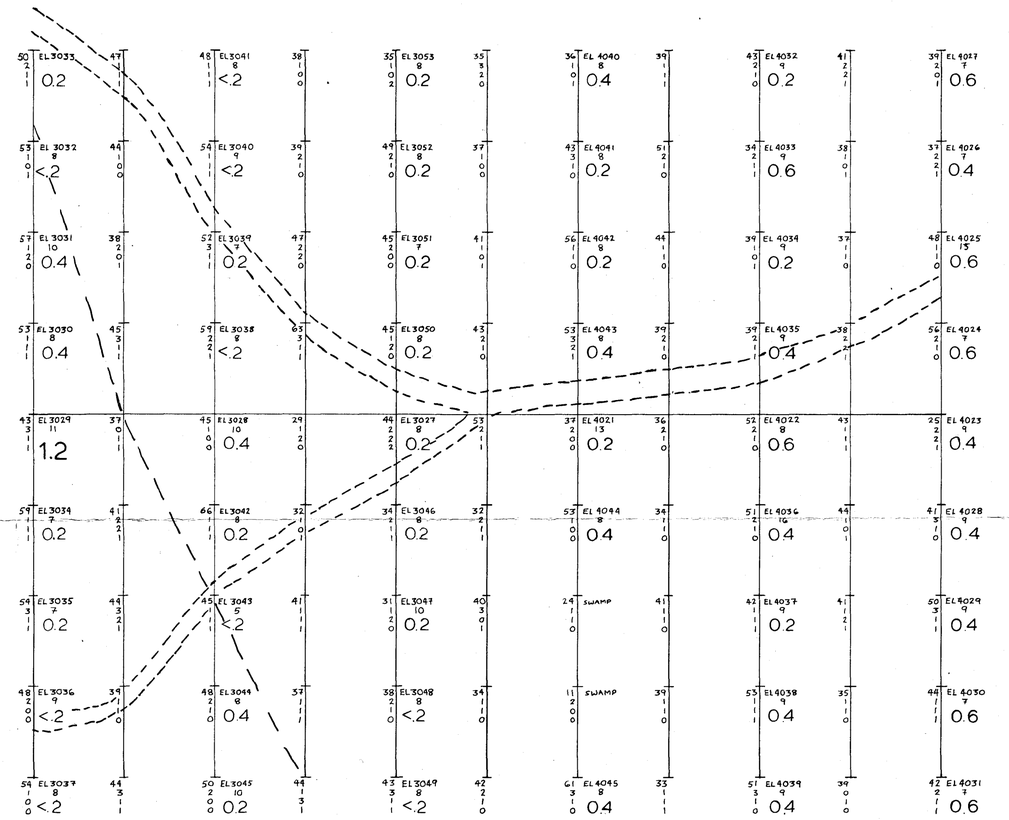
CAMPBELL ROAD 433183

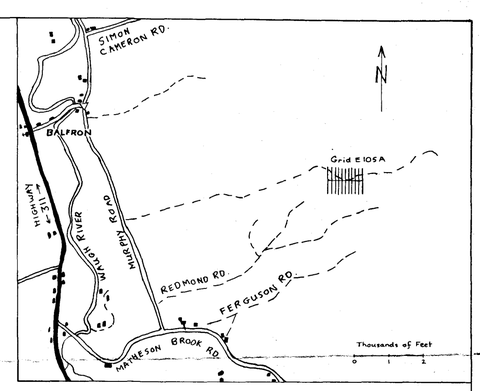
SCALE: 1 INCH = 100 FT	PROJECT: NOVA SCOTIA
DRAWN BY: B.D.A.	ANOMALY NO: E-79-A
DATE: AUG. 14, 78	CHECKED BY: G.W.F.
DRG NO: 34 a.	

RECEIVED
JUN 13 15 37 '79
MINES
NOVA SCOTIA

ANOMOLY No. E-79-A


CAMPBELL Rd.
Ch: schist
Ch: schist
Ch: schist





LEGEND

ROAD

CUT LINE

72 | EL 4001

TOTAL COUNT 3 — 10 SAMPLE NUMBER

K+U+Th 1 — 3.1 SAMPLE DEPTH (INCHES)

U+Th 0 — URANIUM - p.p.m.

Th

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

RECEIVED
JUN 13 1537'79
MINES
NOVA SCOTIA

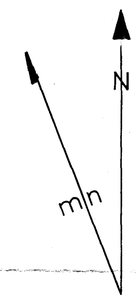
WYOMING MINERAL CORP.

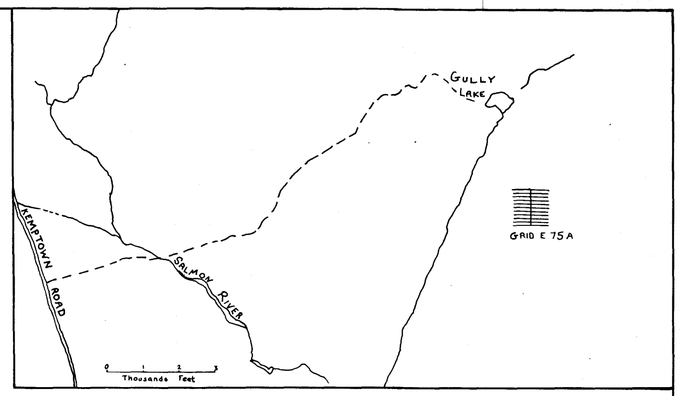
INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

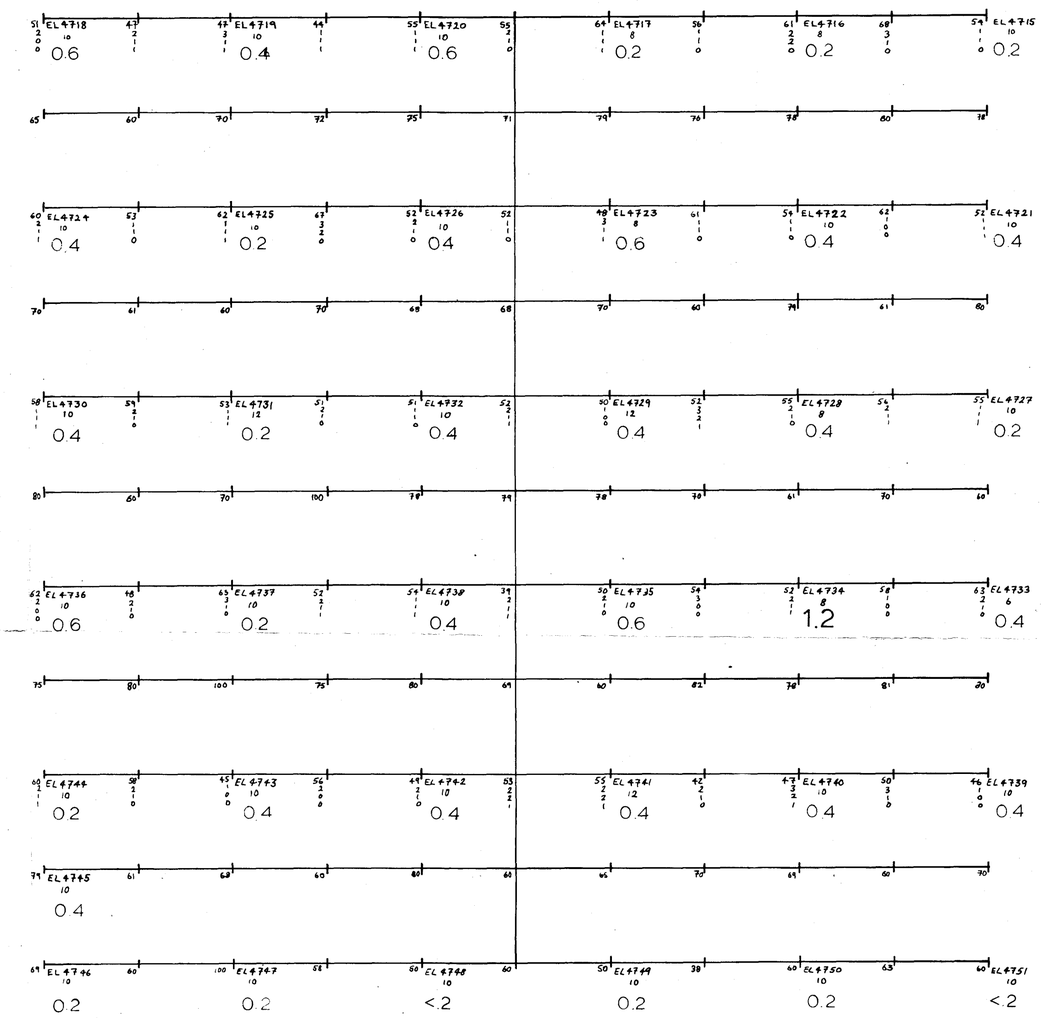
BALFRON 433183

SCALE:	1 INCH = 100 FEET	PROJECT:	NOVA SCOTIA
DRAWN BY:	R.L.K., V.P.	ANOMALY Nº:	E-105-A
DATE:	JULY 11, 1978.	CHECKED BY:	W.F., V.V.P.
DRG. Nº	35		

20 W 19 W 18 W 17 W 16 W 15 W 14 W 13 W 12 W 11 W 10 W







20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N

LEGEND

TOTAL COUNT — 72 | EL4001 — SAMPLE No.
K + U + Th — 3 | 10 — SAMPLE DEPTH(inches)
U + Th — 1 | 3.1 — URANIUM — ppm
Th — 0

INSTRUMENTS : SCINTREX GIS 4 INTEGRATING GAMMA RAY SPECTROMETER
: SC 132 Mt SOPARIS INSTRUMENT

RECEIVED
JUN 13 15 38'79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

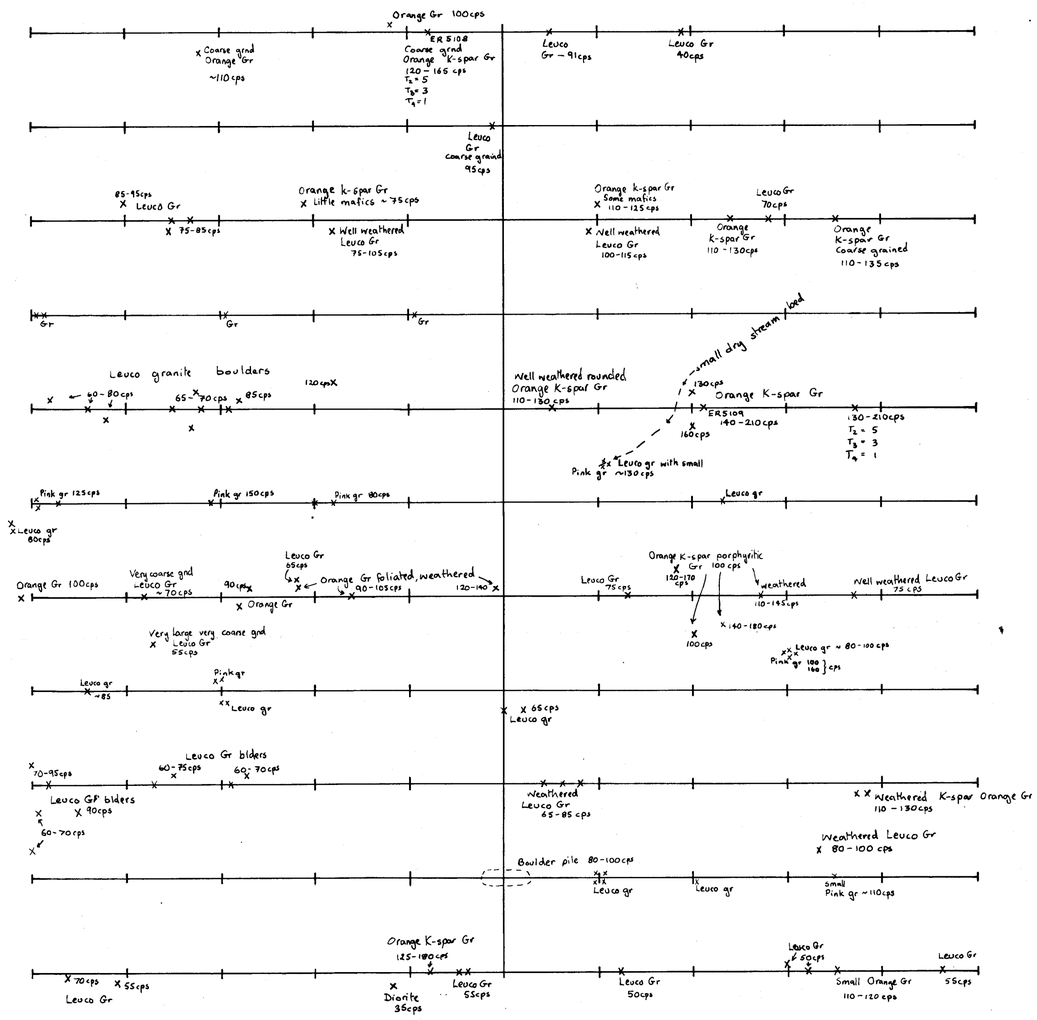
GULLY LAKE 433183

Scale : 1 inch = 100 ft
Drawn by : M A T
Date : August 21, 1978
Drg no : 36 a.

Project : Nova Scotia
Anomaly no : E-75-A
Checked by : G.W.F.

20 W 19 W 18 W 17 W 16 W 15 W 14 W 13 W 12 W 11 W 10 W

20 N
19 N
18 N
17 N
16 N
15 N
14 N
13 N
12 N
11 N
10 N



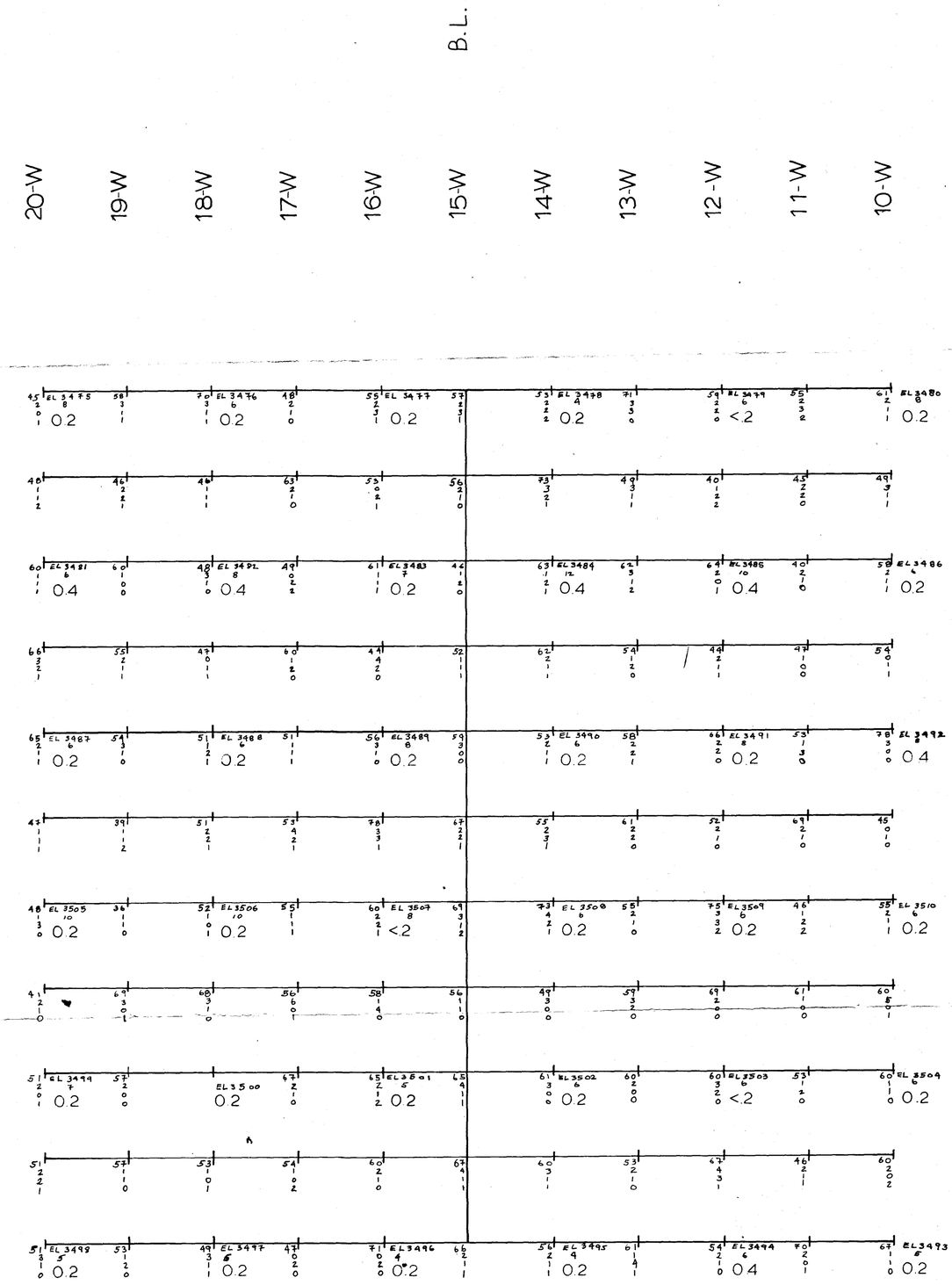
ANOMALY No. E-75-A

WYOMING MINERAL CORP

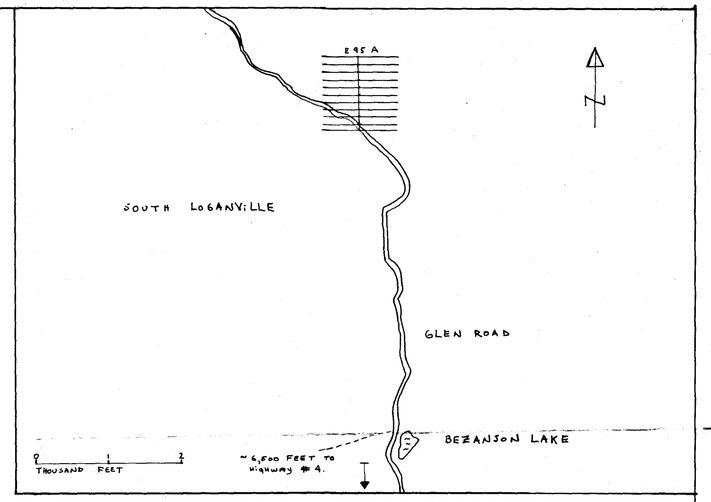
433183

DRAWING No. 36 b.

RECEIVED
JUN 13 15 38 '79
MINES
NOVA SCOTIA







LEGEND

72 | EL 4001
TOTAL COUNT — 3 — 10 — SAMPLE NUMBER
K+U+Th — 1 — 3.1 — SAMPLE DEPTH (INCHES)
U+Th — 0 — URANIUM P.P.M.
Th

INSTRUMENT: SCINTREX GIS-4 INTEGRATING GAMMA RAY SPECTROMETER

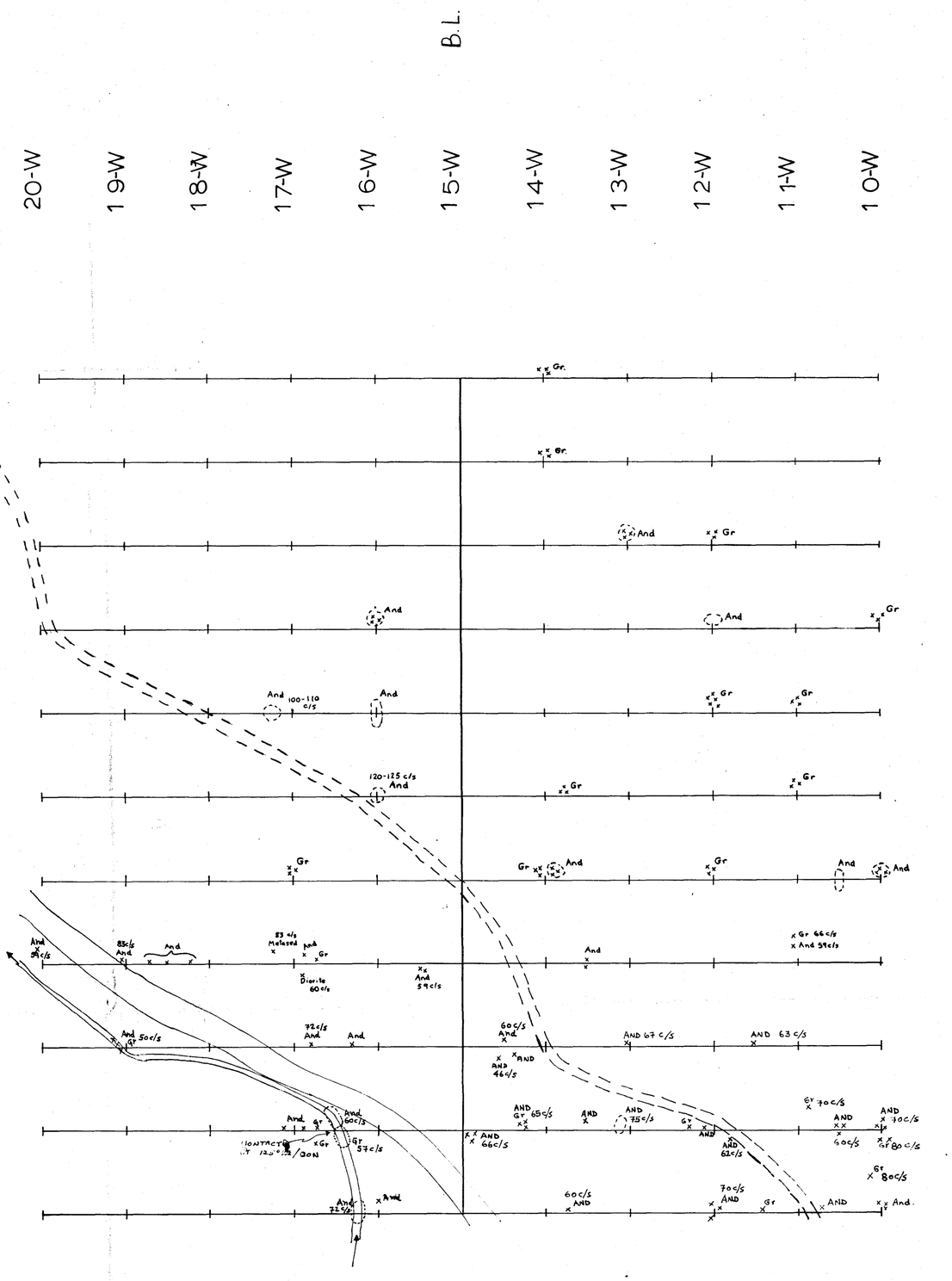
RECEIVED
JUN 13 15 38 '79
MINES
NOVA SCOTIA

WYOMING MINERAL CORP.

INTEGRAL SPECTROMETER SURVEY AND SOIL SAMPLE SURVEY EARLTOWN CLAIM GROUP

SOUTH LOGANVILLE 433183

SCALE : 1 INCH = 100 F.T.
PROJECT : NOVA SCOTIA
DRAWN BY: V.V.P
ANOMALY NO.: E-95-A
DATE : AUGUST 14 1978
CHECKED BY: W.F., V.V.P.
DRG NO. : 37 a.





LEGEND

- OUTCROP
- x BOULDER
- MANY BOULDERS
- STREAM
- SMALL ROAD
- MAIN ROAD.

GRID E-95-A

DRAWING No. 37 b.

433183