MANGANESE PROJECT

SHEETS 21 A/14 (East Half) AND 21 A/15 (West Half)

LEGEND

MESOZOIC

TRIASSIC

10 NORTH MOUNTAIN BASALT: basalt

9 BLOMIDON FORMATION: siltstone, arenaceous shale; minor claystone

8 WOLFVILLE FORMATION: arkose and sandstone

PALAEOZOIC

DEVONIAN

MIDDLE OR UPPER DEVONIAN

7 SOUTHERN NOVA SCOTIA BATHOLITH: granitic rock; 7a, associated granitic stocks; 7b, granitic rocks with numerous inclusions

6 Gabbro sills and dykes

LOWER DEVONIAN

5 TORBROOK FORMATION: shale, siltstone, and quartzite; minor shaly limestone and iron-formation

SILURIAN

UPPER SILURIAN

4 KENTVILLE FORMATION: shale, siltstone, and slate

UPPER SILURIAN OR EARLIER

3 WHITE ROCK FORMATION: 3a, shale, siltstone, and slate; minor quartzite and basalt; 3b, rhyolite; 3c, shaly siltstone and quartzite

ORDOVICIAN

MEGUMA GROUP (1,2)

2 HALIFAX FORMATION: siltstone and slate

ORDOVICIAN OR EARLIER

1 GOLDENVILLE FORMATION: quartzite; minor slate

Geological boundary (defined, approximate, assumed)

Bedding (inclined, vertical, overturned)

Bedding (dip known, tops unknown)

Cleavage (inclined, vertical)

Plunge of minor fold axis

Fault (defined, approximate, assumed)

Mineralized bed (iron) Fe

Syncline (approximate)

Glacial striae (direction of ice-movement unknown)

Fossil locality (F)

Mineral occurrence (manganese, Mn) x Mn

Shaft Mn

Geology by W.G. Smitheringale, 1956-1958

Main highway (10)

Other roads

Trails

Railway

Abandoned railway

County boundary

Intermittent stream

Rapids R

Marsh

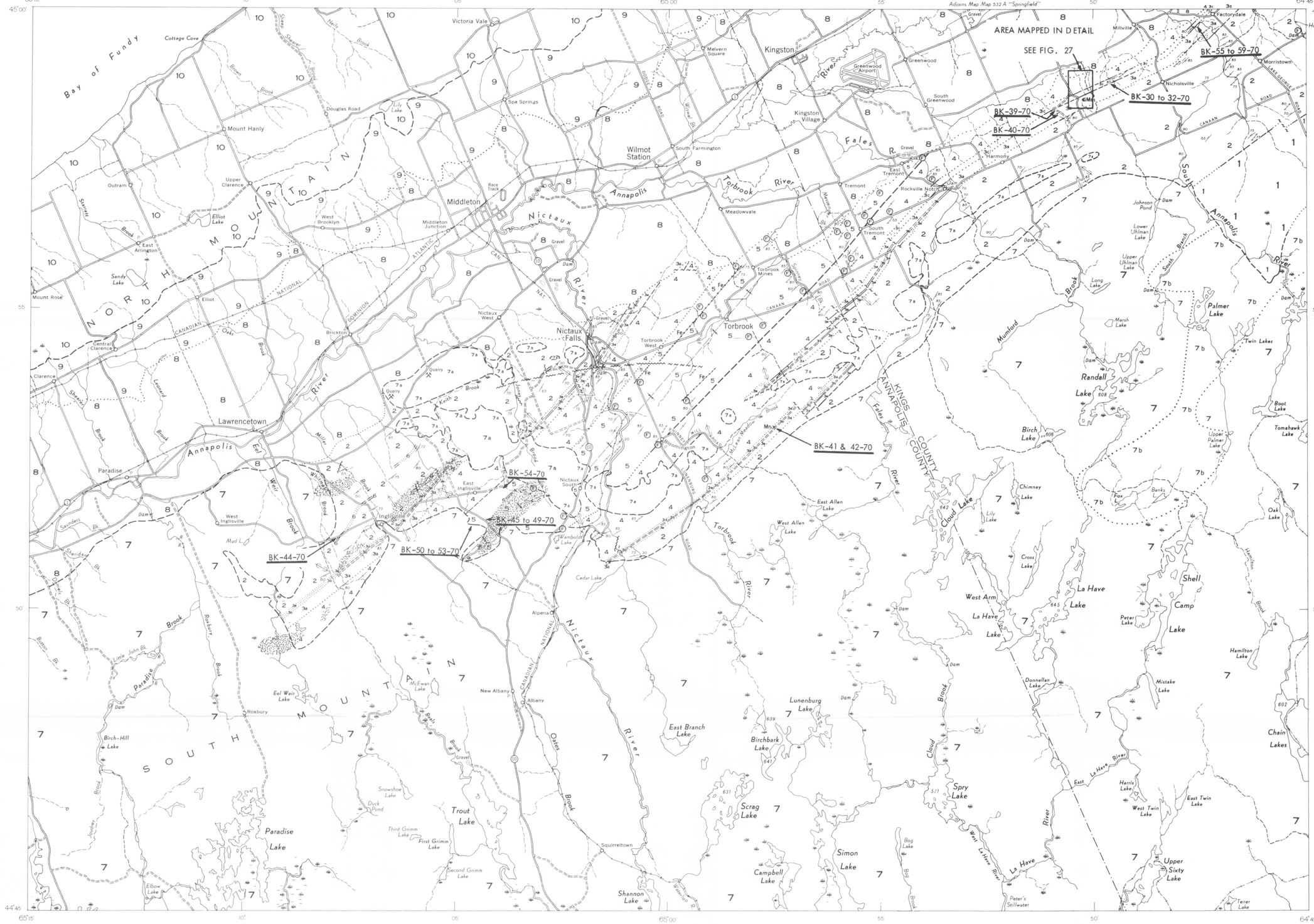
Height in feet above mean sea-level 723

AEROMAGNETIC ANOMALIES OUTLINING MAFIC DYKES

Approximate magnetic declination, 22° 06' West

GEOLOGY MAP FROM GEOLOGICAL SURVEY OF CANADA

MAP 14-1960



GEOLOGY AND SAMPLE LOCATIONS
NICTAUX - TORBROOK
ANNAPOLIS AND KINGS COUNTIES
NOVA SCOTIA

Scale: One Inch to One Mile = 1/63,360

Miles

1 1/2 0 1 2 3

FIGURE 29