152001

GEOPEKO LIMITED

KING ISLAND GROUP

PRELIMINARY REPORT

INVESTIGATOR 6 AREA

17m/79

by

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RESTRICTED FILE

AMG REFERENCE POINTS ADDED

KING ISLAND

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152002

CONTENTS

1. RECOMMENDATION

Detailed auger drilling to delineate anomaly # 1 and to close the gaps in the previous auger drilling programme is recommended. The programme requires 185 auger holes to be drilled for chip samples and assayed for tungsten, molybdenum and nickel. In addition, six diamond drill holes are recommended. Two vertical holes in the Forestry area at 664.55S-9815.2W and 850S-9825W are suggested. These holes should be drilled through the mine series.

Four diamond drill holes with a dip of 50°N and a bearing of 0° are recommended at co-ordinates 2500W-600N, 2900W-400N, 4100W-400N and 4700W-400N. These holes should be drilled well into quartzites or granite.

2. SUMMARY

Investigator 6, formerly known as the Western Mineralisation, is the western extension of strata extending from the Open Cut to the Loop Road. It is boardered on the south by granite.

Onward from 1947 a total of 16 diamond drill holes were drilled. All but one of these holes, D.D.H. 220, intersected rocks of the mine series. The mineralisation, however, was not economic.

In 1968 a total of 147 auger holes were drilled along seven N-S trending auger line traverses. One tungsten anomaly was encountered at 2100W-500N and another at 3500W-200N. The latter anomaly is minor and probably related to the granite dyke suboutcropping in the area. Regional field mapping was conducted in September, 1969.

Previous work has been haphazard, and as such, the accumulated data of two decades is incomplete. Additional auger drilling to delineate and find further anomalies is required. In addition to this, two diamond drill holes in the forestry block and four diamond drill holes up dip and of greater depth than the previous diamond drill holes in the eastern section of Investigator 6 area are suggested.

3. INTRODUCTION

All the exploratory data since work commenced in the Western Mineralisation in 1947 is documented in this report. At no time prior was this data synthesized. Such is the scope of this preliminary report.

Diamond drill holes, geochemical work, and field mapping have been analysed and an effort has been made to consolidate existing data. On the basis of this data a regional sub-outcrop map with structural interpretations has been made. To augment this data with more detail in the areas of potential a first phase exploration programme has been worked out.

4. GEOLOGY

The regional geology has been inferred from regional mapping on aerial photographs and diamond drill holes.

(a) Stratigraphy - The Investigator 6 area is made up of 3 (?) major rock units; Table I

Type	Description	Thickness
1. Volcanics		±150', thickening in excess of 500' in the West.
2. Mine Series	Clastic and carbonate rocks and their contact altered and metasomatised equivalent Calcite Hornfels, Biotite Hornfels, Pyroxene Hornfels, Actinolite Hornfels, Biotite Actinolite Hornfels and Skarn.	
3. Clastic Sediments	Quartzites and spotted shales, frequently interbedded.	Unknown

(b) Structure - The sequence strikes approximately E-W and dips south into the granite at angles of 40°-50°. Faults, delineated on the basis of drill hole information, consist mainly of a series of N-S trending fault lines.

Whether No. 3 Fault can be extended westward from the Open Cut is questionable. Previous diamond drilling has not been deep enough to penetrate the mine series, and as its thickness is unknown, the contact between the mine series strata and the clastics is here considered to be a normal contact and not a faulted one (See GI6 - 9). Further drilling may change this interpretation.

Little structural control exists in the forestry block area. Two shallow diamond drill holes, A and C, drilled in 1947, offer the only structural and stratigraphic information. Diamond drill hole C intersected 180 feet of Pyroxene Hornfels with skarn seams from 0.1 to 1.5 feet in thickness. These seams were said to contain "abundant" scheelite. All footage of diamond drill holes A and C intersected rocks of the mine series.

5. CONCLUSIONS AND PROPOSALS

(a) Geology - Previous diamond drill holes have intersected strata of the mine series. Mineralisation is poor, however, averaging 0.05% WO_3. Whether this low grade continues up dip must be examined, as must the possibility of a more deep lying lens, comparable to C Lens in the stratigraphy of Bold Head and the Open Cut.

To answer these questions four diamond drill holes are proposed. They are to be drilled up dip of the previous holes to a depth in which they intersect quartzites or granite. Data in the forestry area is rather unquantitative (GI6 - 14,20). The presence of 180 feet of Pyroxene Hornfels with "abundantly" mineralised skarn bands, as logged from diamond drill hole C in 1947, justifies the drilling of two holes along the line of section of diamond drill hole A and C. Mineralight observations on the old ore dumps have also reported scheelite. There is no other structural or stratigraphic data available in this area.

(b) Geochemistry - Previous work has indicated one tungsten anomaly which needs further investigation. Sixty eight auger holes in one traverse west of WM1 and three traverses east of WM1 are proposed. In addition, it is proposed to further augment geochemical exploration by filling in between previous auger lines. Seven auger line traverses on a two hundred foot grid are proposed.

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 220

Location: Forestry Block, Loop Road.
Final Depth: 415 Feet
Elevation: 369.3 Feet
Co-Ords.: 1058.2S, 10321.0W
Date Commenced: August, 1968

Footage		Length	Description	Assay % WO_3
From	To			
0	415'	214'	Volcanics:- fine grained and green/grey in colour. Aplite veins noted and also some calcite stringers and veinlets. Some glanconifation at about 88'. Aplites at 94' and 177.5' to 178' with minor MoS_2. Aplite 235' - 244' and at 261', 288' - 289', 290' - 291', 313' - 316'. Puggy material at 378' - 378.5'. Some serpentinification throughout. Hole suspended during August to drill at Bold Head. HOLE SUSPENDED AT 415 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

152009

INVESTIGATOR 6

HOLE No. 218

Location: Perry's Block, Loop Rd.,
Final Depth: 827'4"
Dip: Vertical
Date Commenced: 14th June, 1968.
Co-Ords.: 1166OW, 210S, Approx.

Footage		Length		Description	Assay % WO_3
From	To	Run	Rec.		
0	10	10		Open Hole	
10	216.5	206.5	191.5	Volcanics - weathered to a depth of approx. 25-30' - light green-grey fine/medium grained.	
216.5	349.5	133	105'3"	Biotite Hornfels and Biotite Hornfels grey fine grained - evidence of banding - core angle 85°. Volcanic bands 221'6" - 222' 228' - 228'6" 229' - 230' 248' - 248'6" Pyroxene hornfels band with garnet and minor scheelite at 249' - 251' 257'6" - 258' Flakes of Molybdenite noted at these points, also abundant pyrite. Minor quartz veinlets and aplite bands throughout. Aplite 218'2" to 218'6" 292'3" to 292'6" 304' to 305' 314'3" to 324' 334'6" Pyroxene hornfels band at 295'6" to 297'.	
349.5	409.5	60	56	Actinolite Hornfels with Biotite Actinolite Hornfels and minor bands of Biotite Hornfels. Aplite 350'6" 403'6" Core angle at 403' 60°. Becoming brecciated at 408'.	
409.5	419.5	10	9	Volcanics - amphibolites, puggy between 411' - 415'. Brecciation of core - FAULT	
419.5	442	22.5	20.5	Biotite Actinolite Hornfels with some biotite hornfels, some minor pyroxene hornfels bands at 435' and 439'.	
442	502.5	60.5	52.75	Biotite Hornfels with bands of pyroxene hornfels and some grossular garnet. Minor scheelite in pyroxene hornfels bands at approx. 445.75' and 463.75'	

Footage From	Footage To	Length Run	Length Rec.	Description	Assay % WO_3
				Aplite bands at 451.5' and 460.25' - 461'. Core angle - 62° at 450'. Some Calcite hornfels bands and calcite stringers. Micro faulting common. Volcanics 477' to 480' with much slickensiding and serpentinisation. Brecciated and puggy at 479'. Becoming thinly bedded at about 485'.	
502.5'	574.5'	72'	66.5.	Volcanics - much slickensiding, brecciated and puggy 506.5' to 508.5'. Some red clayey patches calcite filled. Fault pug and Breccia at 545' to 546.5'. Pyrite noted especially on fractures.	
574.5	587	12.5	12.5	Calcite Hornfels with minor bands of Biotite Hornfels. Trace of scheelite at 577' in a patch of gross-garnet also at 586.5'.	
587	617.5	30.5	29.5	Banded Calcite Hornfels/ Pyroxene Hornfels with some Biotite Hornfels and gross-garnet. Sparse scheelite. Core angle 52°. Some micro-faulting. Aplite at 609' to 610'.	
617.5	660	42.5	42.5	Thinly bedded Biotite Hornfels/ Pyroxene Hornfels with some Calcite Hornfels bands. Core angle 65° at 620'.	
660	685.5	25.5	25.5	Thinly banded Calcite Hornfels with minor Biotite Hornfels bands. Breccia between 672' to 674' with calcite filling fractures. Also breccia 680 to 682.	
685.5	707.5	22	22	Biotite Hornfels with some Pyroxene Hornfels bands and gross-garnet patches - calcite stringers. Scheelite at 689' to 692.5'.	
707.5	753	45.5	27	Banded Biotite Hornfels/ Pyroxene Hornfels - calcite stringers and nodules. Breccia between 736.5' 740.5' to 744' 745 to 746	
753	763	10	9	Banded Biotite Pyroxene Hornfels- Gross-garnet with Pyroxene Hornfels bands, some biotite hornfels bands. Core angle at 757' - 60°. Minor scheelite in garnet bands. Calcite 760.5' to 761.5'.	

HOLE No. 218

Footage		Length		Description	Assay % WO_3
From	To	Run	Rec.		
763	788.5	25.5	25	Thinly banded Biotite Hornfels/ Pyroxene Hornfels with a few patches of grossular garnet and some pyrite mineralisation. Core angle at 780' - 50°.	
788.5	811	22.5	21.5	Actinolite Hornfels with some Biotite Actinolite Hornfels. Becoming thinly banded from 801 - 811', bands of Biotite Hornfels and calcite with pyrite. Pyroxene Hornfels with grossular garnet at 808'.	
811	827'4"	16'4"	15'6"	Mainly biotite hornfels - thinly bedded with some bands of Actinolite Hornfels and Calcite stringers and patches. Also a few minor aplite bands. Patches of reddish Hematitic (?) material. Breccia at 816.5' - 818' 822' - 823' HOLE COMPLETED AT 827'4"	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 217

Location: Line 28 Elevation: 336.66 Feet
Final Depth: 271 Feet Co-Ords: 558.18N, 2093.11W
Dip: 55° Bearing: 360°
Date Commenced: 4/6/1968

Footage		Length	Description	Assay % WO_3
From	To			
0.0	95.0	95.0	A few fragments of Pyroxene hornfels and volcanics.	
95.0	271.0 (Rec.61.5')	76.0	Mainly rubble. Biotite hornfels - grey fine grained rock extremely broken. Grinding of core. Brecciated between 130 and 135'. Biotite Actinolite Hornfels bands. Extremely rubbly - fault zone 234' - 239'. HOLE CAVING ABANDONED AT 271 FEET	

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 216 152013

Location: Line 20 Elevation: 227.38 Feet
Final Depth: 317 Feet Co-Ords.: 305.93N, 1066.76W
Dip: 60° Initial Bearing: 360°
Date Commenced: 15th May, 1968. Date Completed: 3rd June, 1968.

Footage		Length		Description	Assay % WO_3
From	To	Run	Rec.		
0.0	42.0	42.0		Sand and Clay	
42.0	56.0	14.0	10.5	Top 0.5' weathered, brown clayey rock with some remnant garnets. Mainly Biotite Hornfels with some actinolite hornfels and biotite hornfels with minor bands of either volcanics or possibly pyroxene hornfels at 42' and 44'. Banded and broken.	
56.0	59.0	3.0	2.0	Aplite	
59.0	64.5	5.5	3.5	Thinly banded biotite actinolite hornfels with pyroxene hornfels - bedding about 70° to angle of core. Bands of finely grained volcanics.	
64.5	66.5	2.0	1.5	Aplite	
66.5	71.0	4.5	2.5	Banded Biotite Actinolite Hornfels with pyroxene hornfels - thinly bedded - bedding angle to core axis approx. 70°. Micro faulting noted. Broken core.	
71.0	85.75	14.75	11	Aplite - some grinding of core. Core lost between 78.5' and 79.5'. Biotite actinolite hornfels band at 75.5'-76'.	
85.75	102	16'3"	8.75	Banded biotite actinolite hornfels with pyroxene hornfels possible volcanics (?), some biotite hornfels bands - some core grinding and broken core 95' - 100', also 1' lost 101'-102' - bedding at 50°-60° to the angle of core.	
102	115	13	13	Thinly bedded Biotite Actinolite Hornfels with pyroxene hornfels - and some biotite hornfels and actinolite hornfels - grossular garnet and calcite at 105' to 105.5'. Few fine grained flakes of scheelite at 105' and approx. 95'. Angle of bedding to core approx. 65°. Some pyrite throughout. Micro-faulting at 113'. Narrow bands of grossular garnet at 104' to 103'.	

HOLE No. 216

Footage From	Footage To	Length Run	Length Rec.	Description	Assay % WO_3
115	122	7	7	Older Volcanics - Dolerite texture - with thin calcite stringers randomly oriented.	
122	162	40	39	Thinly bedded Biotite actinolite hornfels with pyroxene hornfels - some bands of garnet and calcite eg at 123', 126', 128.5', 131', 149'8", 159' - 159.5' and 154'. Scheelite at 125.75', 130.75' and between 159' and 159.5'. 2" aplite bands at 149.5', 156'-156.5'. Aplite also at 160'-161'. Minor bands of Biotite Hornfels 6" to 1' wide. Also Micro-faulting noted.	
162	168	6	6	Older Volcanics - thin calcite veinlets 1/8" wide - narrow aplite ½" wide at 165'3".	
168	171	3	2.5	Aplite - very broken core. Grinding evident.	
171	229.5'	58.5'	56.5	Volcanics -Doleritic texture dominant - calcite stringers- some broken patches of core - also some grinding - serpentinisation at 189' - pyrite.	
229.5	234.5	3.5	5	Brecciated and puggy Volcanics and some Quartzites. Fault Zone	
234.5	317			Quartzites - dark grey fine grained biotite quartzite - broken core - some leaching of sulphides evident. Aplite bands at 236.5' - 240'2", 242'3" - 242'5", 247'3" - 248', 253.5' - 256', 285.25' - 290', 312'-315'. HOLE COMPLETED AT 317 FEET	

APPENDIX I

152015

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 214

Location:
Final Depth: 931 Feet
Dip: Vertical
Co-Ords.: 4000N, 12000W, Approx.
Date Completed: 6th May, 1968.

Footage From	Footage To	Length	Description	Assay % WO_3
0	295	295	Volcanics - Fine grained green, massive, hard. Core badly broken, bad recovery from 123' - 160'.	
295	359	64	Biotite Actinolite Hornfels - dark grey, very finely grained, thinly banded with occasional patches and stringers of pyrite-and calcite mineralisation. Thin bands of grey quartzite also occur.	
359	420	61	Actinolite Hornfels (?) grey, finely grained, thinly but well banded and rather soft. Probably lower grade metamorphic equivalent of Ag from pit. Also bands of a few feet of possible volcanics. 407'-410' - volcanics with patchy pyrrhotite. 411.5'-414' - volcanics with patchy pyrrhotite.	
420	430	10	Biotite Actinolite Hornfels - dark grey, very finely grained and massive. Low grade equivalent of Biotite Hornfels. Broken core 425' - 429'.	
430	439	9	Calcite Hornfels - very slightly metasomatised with minor Pyrite. Biotite Hornfels bands up to 2.5' thick.	
439	485	46	Biotite-Actinolite Hornfels (?) Very finely grained grey to dark grey, mainly massive. Very occasional Actinolite Hornfels bands. Broken core 443' - 449' 462' - 470'	
485	490	5	Pyroxene Hornfels and altered Biotite Actinolite Hornfels (?) tan coloured, with particles of red-brown limonitic (goethitic) pseudomorphs after pyrite.	
490	498	8	Biotite Actinolite Hornfels - grey finely grained, massive to banded with minor alteration towards base.	

Footage From	Footage To	Length	Description 152016	Assay % WO_3
498	501	3	Altered Rock (?) possibly bands of Pyroxene Hornfels with Biotite Actinolite Hornfels with redhematitic mineral in patches and stringers.	
501	545	44	Banded Biotite Actinolite Hornfels and Calcite Hornfels - thinly banded with very minor garnetisation along edges of Calcite bands and very occasional pyrite mineralisation and metasomatism. Calcite Hornfels possibly converting to Pyroxene Hornfels in parts.	
545	563	18	Mainly Biotite Actinolite Hornbels to Actinolite Hornfels in places. It has a fine grained white mineralisation as phonocrysts, very occasional patches of Pyroxene Hornfels and Calcite Hornfels and sulphide minerals. (Pyrite, Pyrrhotite and Chalcocite).	
563	572	9	Banded Calcite Hornfels, Biotite Actinolite Hornfels and minor Pyroxene Hornfels, thinly banded mainly fine grained. No garnets present. Patchy dense sulphide mineralisation - mainly pyrrhotite and pyrite with very minor chalcopyrite.	
572	591	19	Banded Biotite Actinolite Hornfels with Actinolite Hornfels and with Pyroxene Hornfels. Mainly thinly banded with odd Calcite Hornfels bands - abundant patches of finely grained white mineralisation and occasional sulphide mineralisation.	
591	660	69	Banded Calcite Hornfels, Pyroxene Hornfels with Biotite Actinolite Hornfels and occasional bands and patches of red hematitic mineralisation. 594.5' - 595.5' red band clay and calcite filled. Some bands of pyroxene hornfels and biotite actinolite hornfels, possibly volcanics (?) calcite bands are intermittent and mainly thin (up to 2"), 627' to 632' Biotite actinolite hornfels with thin pyroxene hornfels bands. Occasional bands of pyrite mineralisation.	
660	695	35	Biotite Hornfels - dark grey to black. Very fine grained and thinly banded with stringers of calcite and patchy pyrite.	

HOLE No. 214

Footage From	Footage To	Length	Description 152017	Assay % WO_3
695	714	19	Fragmental Limestone - black in part. Often grey with light coloured angular fragments with patches of pyrite mineralisation.	
714	720	6	Volcanics - light green grey medium grained - possibly equivalent to Pyroxene hornfels band.	
720	726	6	Actinolite Hornfels - light grey very fine grained. 723'-724' limey patch.	
726	902.5	176.5	Biotite Actinolite Hornfels - grey, finely grained, with dark spots up to 1 mm. Also with fine, slender white needles. Scattered pyrite mineralisation with occasional bands of biotite hornfels and actinolite hornfels.	
902.5	920	17.5	Mainly Biotite Actinolite Hornfels with bands of grey, finely grained hornfels with black spots, patches and stringers of calcite hornfels and calcite; bands of calcite hornfels at 915' - 920' with pyrite mineralisation.	
920	931	11	Biotite Actinolite Hornfels - grey finely grained with dark spots up to 1 mm; also fine, slender white needles - scattered pyrite mineralisation - bands of biotite hornfels and actinolite hornfels. HOLE COMPLETED AT 931 FEET	

DIAMOND DRILL CORE LOG SHEET

152018

INVESTIGATOR 6

HOLE No. 161

Location: - Line 39 Elevation: 354.0 Feet
Final Depth: 372 Feet Co-Ords.: 00 3505W
Dip: 50° Initial Bearing: 360°

Footage From	Footage To	Length	Description	Assay % WO_3
0	55	55	Clay	
55	132.1	77.1	Volcanics, Olivine Hornfels, stringers of calcite in places. Aplite 108' - 111.7'.	
132.1	157.0	24.9	Actinolite Hornfels	
157.0	181.3	24.3	Actinolite Hornfels with some calcite fragments and pyroxene garnet hornfels.	
181.3	185.2	3.9	Garnet Hornfels SAMPLED 181 - 185	0.20
185.2	263.4	78.2	Calcite Hornfels with bands of grossular garnet (+¼").	
			SAMPLED	
			185 - 195	<0.05
			195 - 205	<0.05
			205 - 215	<0.05
			215 - 225	<0.05
			225 - 235	<0.05
			235 - 245	<0.05
			245 - 255	<0.05
			255 - 265	<0.05
263.4	274.0	10.6	Banded Actinolite Hornfels and Pyroxene Hornfels	
274.0	321.5	47.5	Banded Actinolite Hornfels and Pyroxene Hornfels with bands of calcite and some garnet.	
			SAMPLED	
			265 - 275	<0.05
			275 - 285	<0.05
			285 - 295	<0.05
			295 - 305	<0.05
321.5	322.1	0.6	Banded Biotite Hornfels and Pyroxene Hornfels.	
322.1	337.8	15.7	Calcite Hornfels with bands of Biotite Hornfels and Pyroxene Hornfels and some garnet.	
337.8	340.5	2.7	Banded Biotite Hornfels and Pyroxene Hornfels.	
340.5	345.0	4.5	Calcite Hornfels with bands of Biotite Hornfels and Pyroxene Hornfels.	
345.0	361.7	21.7	Banded Biotite Hornfels and Pyroxene Hornfels	
361.7	363.2	1.5	Aplite	
363.2	372.0	8.8	Biotite Hornfels.	
			HOLE COMPLETED AT 372 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 141

Location: Line 28 Elevation: R.L. 325.2 Feet
Final Depth: 513.0 Feet Co-Ords.: 209.7M, 2117.4W
Dip: 50° Initial Bearing: 360°
Date Commenced: 12/4/1955

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	121.0	121.0	Olivine Hornfels (Volcanics) Aplite 101.0 to 104.0	
121.0	134.0	13.0	Biotite Hornfels with calcite hornfels bands. Specks scheelite.	
134.0	139.0	5.0	Calcite Hornfels with biotite hornfels bands. Specks scheelite.	
139.0	146.0	7.0	Biotite Actinolite Hornfels with specks of scheelite.	
146.0	175.0	29.0	Calcite Hornfels with specks of scheelite.	
175.0	185.0	10.0	Aplite with greenish pyroxene.	
185.0	330.0	145.0	Biotite Actinolite Hornfels with minor bands of calcite hornfels.	
330.0	351.0	21.0	Pyroxene Hornfels with grossular garnet, badly shattered.	
351.0	401.0	50.0	Calcite Hornfels with grossular garnet and occasional bands of biotite hornfels and pyroxene hornfels.	
401.0	404.6	3.6	Biotite Actinolite Hornfels, brecciated and with calcite.	
404.6	447.6	43.0	Biotite Actinolite Hornfels highly calcareous with occasional dolomite.	
447.6	476.8	49.2	Interbedded Biotite Hornfels, Actinolite Hornfels and Pyroxene Hornfels with some calcite.	
476.8	477.8	1.0	Aplite, poor in biotite.	
477.8	478.0	0.2	Pyroxene Hornfels, brecciated.	
478.0	513.0	35.0	Interbedded Pyroxene Hornfels and Biotite Hornfels with some calcite.	
			HOLE COMPLETED AT 513 FEET	

DIAMOND DRILL CORE LOG SHEET

152020

INVESTIGATOR 6

HOLE No. 139

Location: Line 24
Final Depth: 341.0 Feet
Dip: 50° Initial

Elevation: 196.2 Feet
Co-Ords.: 24.4N, 1613.6W
Bearing: 333°
Date Completed: 5/4/1955

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	139.0	139.0	Olivine Hornfels, massive with Garnet Pyroxene Hornfels from 37' to 45'. Aplite 104.9' to 112.0' 115.5' to 116.0'	
139.0	141.5	2.5	Garnet Actinolite Hornfels, sheared with slicken sided surfaces.	
141.5	177.2	25.7	Calcite Hornfels, white to grey with grossular garnet.	
177.2	177.8	0.6	Biotite Hornfels	
177.8	183.0	5.2	Garnet Pyroxene Hornfels	
183.0	185.0	2.0	Biotite Hornfels	
185.0	197.0	12.0	Calcite Hornfels, with a few bands of Biotite hornfels and garnet hornfels.	
197.0	200.4	3.4	Garnet Actinolite Hornfels with scattered flakes of Molybdenite.	
200.4	227.2	26.8	Calcite Hornfels, with bands of grossular garnet, biotite hornfels and pyroxene hornfels.	
227.2	231.2	4.0	Biotite Hornfels, massive.	
231.3	272.1	40.8	Calcite Hornfels, with bands of g grossular garnet, biotite hornfels and pyroxene hornfels.	
272.1	273.1	1.0	Pyroxene Hornfels, with patches of grossular garnet.	
273.1	288.3	15.2	Calcite Hornfels, with bands and patches of grossular garnet and interbedded Biotite hornfels and garnet pyroxene hornfels. SAMPLED 139.0 to 159.0 159.0 to 179.0 179.0 to 199.0 199.0 to 219.0 219.0 to 239.0 239.0 to 259.0 259.0 to 266.5 266.5 to 288.2	 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.22
288.3	304.8	16.5	Calcite Hornfels, interbedded with biotite hornfels and patches of grossular garnet.	
304.8	307.0	2.2	Puggy at 286 Feet. Garnet Pyroxene Hornfels, fine grained.	

HOLE No. 139 (Contd.)

Footage From	Footage To	Length	Description	Assay % WO_3
307.0	312.5	5.5	Banded Biotite Hornfels, Calcite Hornfels, Garnet Pyroxene Hornfels and Actinolite Hornfels	
312.5	317.2	4.7	Banded Calcite Hornfels, Biotite Hornfels and Garnet Hornfels	
317.2	334.3	17.1	Banded Calcite Hornfels, Pyroxene Hornfels, Biotite Hornfels with grossular garnet.	
334.0	339.0	5.0	Aplite	
339.0	341.0	2.0	Biotite Hornfels	
			HOLE COMPLETED AT 341 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 136

Location: Line 47 Elevation: 366 Feet
Final Depth: 552.5 Feet Co-Ords.: 4705W, 1315
Dip: 52.5° Initial Bearing: 360° (21822L-25E, 544,378·16N)
Date Commenced: 19/11/1954

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	15.0 (4·57)	15.0	Clay	
15.0	257.7 (78·55)	242.7	Volcanics, massive Olivine Hornfels.	
257.0	270.0 (82·30)	12.3	Aplite	
270.0	379.1 (115·59)	9.1	Volcanics, Olivine Hornfels.	
379.1	433.0 (131·98)	53.9	Volcanics	
433.0	450.0 (137·16)	17.0	Banded Biotite Hornfels and Volcanics	
455.5	457.0 (139·29)	1.5	Actinolite Biotite Hornfels	
457.0	460.0 (140·21)	3.0	Aplite	
460.0	482.0 (146·9)	22.0	Actinolite Biotite Hornfels, fine grained.	
482.0	512.0 (156·06)	30.5	Calcite Hornfels, white with dark grey bands.	
512.5	523.0 (159·4)	10.5	Aplite	
523.0	552.5 (168·4)	29.5	Biotite Actinolite Hornfels, medium grained.	
			HOLE COMPLETED AT 552.5 FEET	

APPENDIX I

152023

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 131

Location: Line 43 Elevation: 353 Feet
Final Depth: 584.1 Feet Co-Ords.: 237S, 4105W
Dip: 50° Initial Bearing: 360°

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	86.0	86.0	Clay, highly altered	
86.0	115.0	29.0	Biotite Hornfels	
115.0	142.0	27.0	Granite	
142.0	144.8	2.8	Volcanic EXenolith	
144.8	157.2	12.4	Granite	
157.2	380.1	222.9	Olivine Hornfels, massive. Aplite 366' to 378'.	
380.1	437.6	57.5	Calcite Hornfels, with bands of Biotite Hornfels and Garnet Hornfels. SAMPLED	
			380.1 to 390.1	0.05
			390.1 to 400.1	0.05
			400.1 to 410.1	0.05
			410.1 to 420.1	0.05
			420.1 to 430.1	0.05
			430.1 to 440.4	0.05
437.6	479.0	41.4	Biotite Actinolite Hornfels	
479.0	508.6	29.6	Brecciated core with fragments of Biotite Hornfels	
508.6	533.0	24.4	Calcite Hornfels with pyroxene hornfels and garnet.	
533.0	567.0	34.0	Biotite Hornfels and Actinolite Hornfels interbedded in thin bands. Aplite 538.5 to 540.2, 550.0 to 551.0	
567.0	570.0	3.0	Pyroxene Calcite Hornfels	
570.0	570.7	0.7	Calcite Hornfels	
570.7	571.6	0.9	Pyroxene Calcite Hornfels, medium grained.	
571.6	576.9	5.3	Pyroxene Calcite Hornfels, with garnet. SAMPLED	
			509.0 to 519.0	0.05
			519.0 to 529.0	0.05
			529.6 to 540.6	0.05
			540.6 to 550.6	0.05
			550.6 to 560.6	0.05
			560.6 to 570.6	0.05
			570.6 to 576.9	0.05
576.9	584.1	7.2	Quartzite, minor pyrite in fractures.	
			HOLE COMPLETED AT 584.1 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 129

Location: Line 43 Elevation: 335 Feet
Final Depth: 432.2 Feet Co-Ords.: 346S, 4105W
Dip: 50° Initial Bearing: 360°

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	45.6	45.6	Volcanics, Olivine Hornfels.	
45.6	57.0	11.4	Volcanics, granitised olivine hornfels.	
57.0	286.2	229.2	Granite, altered at top and bottom contacts.	
286.2	287.0	0.8	Clay, greyish green and puggy.	
287.0	288.7	1.7	Pyroxene Hornfels	
288.7	289.9	1.2	Pyroxene Calcite Hornfels, medium grained.	
289.9	292.4	2.5	Pyroxene Hornfels	
292.4	294.8	2.4	Biotite Hornfels	
294.8	299.7	4.9	Calcite Hornfels, fine grained and greyish.	
299.7	300.7	1.0	Biotite Hornfels, fine grained.	
300.7	363.0	62.3	Olivine Hornfels,	
363.0	365.0	2.0	Calcite Hornfels, greyish and thinly bedded.	
365.0	432.2	67.2	Olivine Hornfels, massive.	
			HOLE COMPLETED AT 432 FEET	

DIAMOND DRILL CORE LOG SHEET

152025

INVESTIGATOR 6

HOLE No. 127

Location: Line 39
Final Depth: 555.5 Feet
Dip: 50° Initial

Elevation: 325 Feet
Co-Ords.: 3503W, 278S
Bearing: 360°

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	57.2	57.2	Volcanics, Olivine Hornfels.	
57.2	175.0	117.8	Granite	
175.0	192.0	17.0	Biotite Hornfels, fine to medium grained.	
192.0	192.8	0.8	Aplite	
192.8	214.6	21.8	Biotite Actinolite Hornfels	
214.6	217.4	2.8	Aplite, altered	
217.4	231.5	60.1	Pyroxene Hornfels with patches of garnet and calcite.	
231.5	233.1	1.6	Biotite Actinolite Hornfels	
233.1	234.0	0.9	Pyroxene Calcite Hornfels	
234.0	240.4	6.4	Pyroxene Hornfels with patches of garnet. SAMPLED 217.7 to 226.1 226.1 to 231.1 231.1 to 242.2	 0.08 0.30 0.06
240.4	242.1	1.7	Actinolite Hornfels, massive.	
242.1	252.8	10.7	Biotite Hornfels, massive with minor bands.	
252.8	318.0	65.2	Biotite Actinolite Hornfels with band of Garnet Pyroxene Hornfels. Aplite - 275.2 to 278.0 286.5 to 287.5 301.2 to 301.5	
318.0	327.5	9.5	Actinolite and Pyroxene Hornfels with patches of grossular garnet.	
327.5	334.5	7.0	Garnet Hornfels, fine grained and massive with specks of scheelite and Mo.	
334.5	425.2	90.7	Calcite Hornfels with bands and patches of grossular garnet and biotite hornfels.	
425.2	454.6	29.4	Volcanics, biotite hornfels in places thin bedded.	
454.6	485.5	30.9	Biotite Actinolite Hornfels with calcite hornfels, pyroxene hornfels, and garnet hornfels. SAMPLED 327.3 to 339.9 339.9 to 343.7 343.7 to 364.9 364.9 to 386.1 386.1 to 407.3 407.3 to 411.8 411.8 to 431.8	 0.19 0.32 0.05 0.05 0.05 0.13 0.05

HOLE No. 127 (Contd.)

Footage		Length	Description	Assay % WO_3
From	To			
			431.8 to 451.8	0.05
			451.8 to 468.6	0.05
			468.6 to 485.5	0.05
			485.5 to 487.2	0.05
485.5	555.5	70.0	Micro-Aplite, Granite	
			HOLE COMPLETED AT 555.5 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 124

Location: Line 35 Elevation: 327 Feet (?)
Final Depth: 553.0 Feet Co-Ords.: 191.0S, 2905W
Dip: 50° Initial Bearing: 360°
Date Commenced: 22/3/1954 Date Completed: 26/4/1954

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	163.0	163.0	Volcanics	
163.0	231.5	68.5	Biotite Actinolite Hornfels → Aplite 188.5' to 195.3'	
231.5	308.7	77.2	Calcite Hornfels with bands of biotite hornfels. Aplite 263.7' to 289.1'	
308.7	314.8	6.1	Pyroxene Hornfels, Biotite Hornfels, Calcite Hornfels, irregular patches, no banding.	
314.8	339.8	25.0	Garnet Hornfels	
339.8	457.6	117.8	Calcite Hornfels, with Biotite Hornfels bands and grossular garnet, some pyroxene hornfels. SAMPLED	
			231.5 to 241.5	<0.05
			241.5 to 251.5	<0.05
			251.5 to 261.5	<0.05
			261.5 to 269.1	<0.05
			269.1 to 272.4	<0.10
			272.4 to 284.4	0.13
			284.4 to 296.4	<0.05
			296.4 to 308.4	<0.05
			308.4 to 310.9	0.16
			310.9 to 314.2	0.11
			314.2 to 321.0	0.19
			321.0 to 341.0	0.08
			341.0 to 361.0	<0.05
			361.0 to 381.0	<0.05
457.6	466.3	8.7	Biotite Actinolite Hornfels with irregular patches of pyroxene hornfels.	
466.3	487.0	20.7	Aplite	
487.0	512.0	25.0	Biotite Hornfels with pyroxene hornfels.	
512.0	531.6	19.6	Aplite	
531.6	553.0	21.4	Biotite Actinolite Hornfels	
			HOLE COMPLETED AT 553 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 122

Location: Line 22
Final Depth: 128.0 Feet
Dip: 50° Initial

Elevation: 161.9 Feet
Co-Ords.: 11.5S, 1365.6W
Bearing: 360°
Date Completed 3/3/1954

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	49.2	49.2	Clay and Volcanics	
49.2	77.5	28.3	Biotite Hornfels, massive with occasional bands of pyroxene calcite hornfels and garnet hornfels.	
			SAMPLED	
			45.4 to 49.2	0.20
			49.2 to 55.3	0.61
			55.3 to 61.4	2.63
			61.4 to 73.9	0.05
77.5	86.5	9.0	White Quartz, with scattered patches of pyrite and scheelite.	
			SAMPLED	
			73.9 to 86.3	0.06
86.5	95.0	8.5	Quartz with coarse pyroxene and patches of scheelite.	
			SAMPLED	
			86.3 to 90.1	7.35
			90.1 to 95.0	0.11
95.0	128.0	33.0	Granite highly altered and sheared	
			HOLE COMPLETED AT 128.0 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 114

Location: Line 32 Elevation: 271.4 Feet
Final Depth: 271.0 Feet Co-Ords.: 48.0N, 2463.7W
Dip: 65o Initial Bearing: 360°

Footage		Length	Description	Assay % WO_3
From	To			
0.0	50.0	50.0	Volcanics, rubbly	
50.0	113.3	63.3	Granite, boarder phase	
113.3	271.0	57.7	Granite, massive.	
			HOLE COMPLETED AT 271 FEET	

APPENDIX I

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE NO. 113

Location: Line 32 Elevation: 305.4 Feet
Final Depth: 430.0 Feet Co-Ords.: 248.0N, 2490.7W
Dip: 50° Initial Bearing: 360°
Date Completed: 26/11/1953

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	30.0	30.0	Volcanics, oxidised Actinolite Hornfels.	
30.0	35.5	5.5	Aplite, medium grained.	
35.5	44.0	8.5	Volcanics, oxidised Actinolite Hornfels.	
44.0	86.0	42.0	Aplite, medium grained.	
86.0	134.5	48.5	Clay, highly oxidised rock.	
134.5	145.0	10.5	Pyroxene Hornfels	
145.0	284.5	139.5	Biotite Actinolite Hornfels	
284.5	308.4	23.9	Actinolite Hornfels with scattered patches of marble and grossular garnet. SAMPLED	
			284.3 to 294.3	0.05
			294.3 to 304.3	0.05
			304.3 to 308.4	0.05
308.4	333.0	24.6	Calcite Hornfels with bands Actinolite Hornfels and Pyroxene Hornfels.	
333.0	335.0	2.0	Biotite Hornfels	
335.0	392.8	57.8	Calcite Hornfels with bands of actinolite hornfels and some pyroxene hornfels. SAMPLED	
			308.4 to 318.4	0.05
			318.4 to 328.4	0.05
			328.4 to 338.4	0.05
			338.4 to 348.4	0.05
			348.4 to 358.4	0.05
			358.4 to 368.4	0.05
			368.4 to 378.4	0.05
			378.4 to 392.4	0.05
392.8	424.0		Banded Biotite Actinolite Hornfels with pyroxene hornfels and calcite hornfels and thin bands of grossular garnet.	
424.0	430.0	6.0	Volcanics	
			HOLE COMPLETED AT 430 FEET	

APPENDIX I

152031

DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. 111

Location: Line 24 Elevation: 231.5 Feet
Final Depth: 405.0 Feet Co-Ords.: 427.9N, 1625.0W
Dip: 50° Initial Bearing: 360°
Date Commenced: 3/10/1953

Footage From	Footage To	Length	Description	Assay % WO_3
0.0	20.0	20.0	Actinolite Hornfels, highly oxidised.	
20.0	47.0	17.0	Actinolite Hornfels, light brown and weathered.	
47.0	47.3	0.3	Actinolite Hornfels, highly oxidised.	
47.3	64.5	17.2	Garnet Hornfels, silicified with bands of calcite hornfels.	
64.5	68.7	4.2	Biotite Hornfels Aplite 68.0' to 68.3'	
68.7	143.0	74.3	Calcite Hornfels, with bands of Actinolite Hornfels and Biotite Hornfels. Brecciated at - 99.5 to 100.5 105.5 to 108.5 115.3 tt 123.0 126.0 to 129.0	
143.0	191.6	48.6	Biotite Actinolite Hornfels, finely interbedded sequence. Aplite - 152.6 to 152.9 157.5 to 157.8 160.7 to 161.5	
191.6	205.6	14.0	Biotite Hornfels with bands of pyroxene hornfels and pyroxene garnet hornfels. Brecciated at 205.5'.	
205.6	211.6	6.0	Biotite Actinolite Hornfels, highly brecciated.	
211.6	212.4	0.8	Calcite Hornfels, thinly bedded with Actinolite Hornfels.	
212.4	244.4	32.0	Banded Biotite and Pyroxene Hornfels with calcite hornfels and garnetised bands with pyrite. SAMPLED 205.5 to 212.5 212.5 to 222.5 222.5 to 232.5 232.5 to 241.6	 0.05 0.05 0.05 0.05
244.4	254.7	10.3	Biotite Hornfels	
254.7	303.0	48.3	Olivine Hornfels	
303.0	405.0	102.0	Muscovite Quartzite, dark grey with Aplite at - 309.5 to 312.3 321.3 to 321.7 326.0 to 339.0 404.5 to 405.0 HOLE COMPLETED AT 405 FEET	

APPENDIX I

DIMAOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. "C"

Location: Forestry Block Co-Ords.: 750.1S, 9828.5W
Final Depth: 300 Feet Elevation: 344.7 Feet
Date: 1947

Footage From	Footage To	Length	Description	Assay % WO_3
0	70'	70'	Hard black rock (probably Actinolite Hornfels)	
70'	250'	180'	Light green, hard rock (probably pyroxene hornfels) with seams of garnet hornfels, varying from 0.1 to 1.5 feet in thickness. These were not assayed but showed abundant scheelite under the mineralight.	
250'	300'	50'	Well banded black and green rock, probably interbedded pyroxene and biotite hornfels. Barren of scheelite. HOLE COMPLETED AT 250 FEET	
NOTE: All core has been lost so no further data is recoverable.				

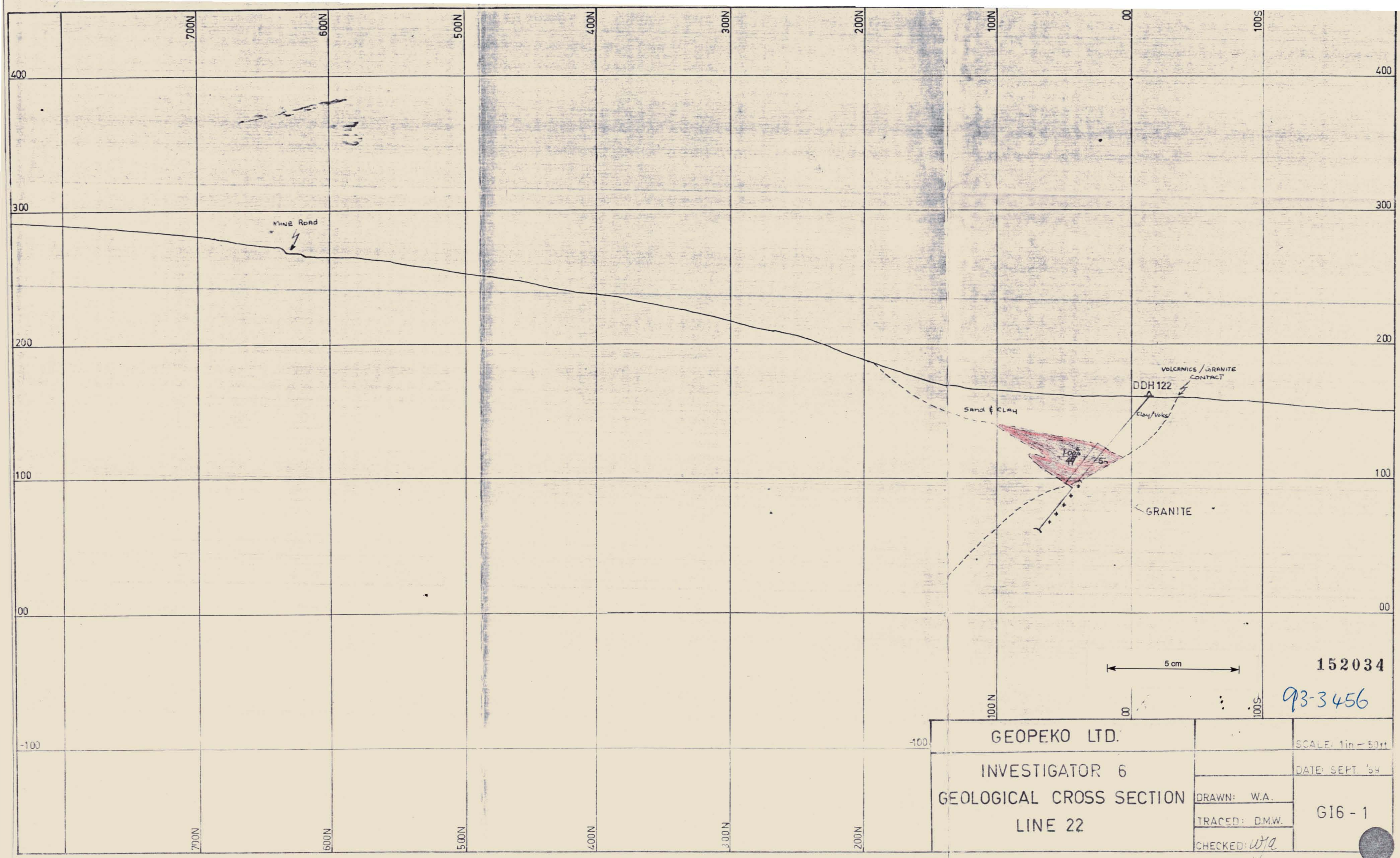
APPENDIX I

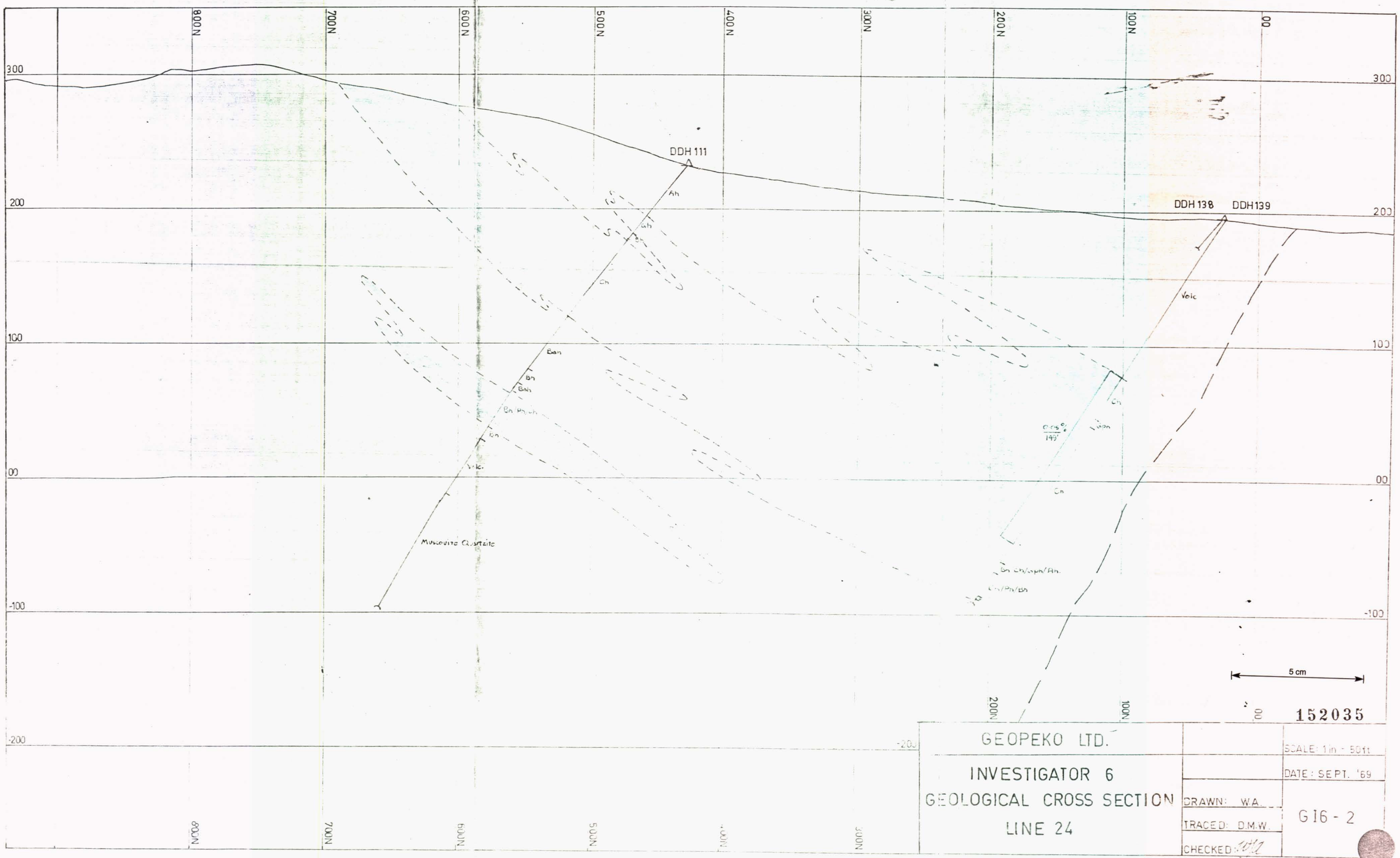
DIAMOND DRILL CORE LOG SHEET

INVESTIGATOR 6 HOLE No. "A"

Location: Forestry Block Co-Ords.: 561.0S, 9832.9W
Final Depth: 280 Feet Elevation: 372.3 Feet
Date: 1947 Dip: 45°

Footage From	Footage To	Length	Description	Assay % WO_3
0	280'	280'	Hard Black Actinolite Hornfels HOLE COMPLETED AT 280 FEET	
			NOTE: All core has been lost so no further data is recoverable.	


700N
600N
500N
400N
300N
200N
100N
00
100S
400
300
200
100
00
-100
MINE ROAD
DDH 122
VOLCANICS / GRANITE CONTACT
Sand & CLAY
Clay/Volcs/
1.00%
49
Sn
GRANITE
5 cm
152034
93-3456
GEOPEKO LTD.
INVESTIGATOR 6
GEOLOGICAL CROSS SECTION
LINE 22
SCALE: 1in – 50ft
DATE: SEPT. '69
DRAWN: W.A.
TRACED: D.M.W.
CHECKED: wja
GI6 - 1


800N
700N
600N
500N
400N
300N
200N
100N
00
300
200
100
00
-100
-200
DDH 111
Ah
Ah
Bh
Ch
Ban
Bh
Bah
Bh/Ph/ch
Bh
Vlc.
Muscovite Quartzite
DDH 138
DDH 139
Volc
Ch
0.05%
149'
Ch
Bh Ch/Gpn/Ah.
Ch/Ph/Bh
5 cm
152035
GEOPEKO LTD.
INVESTIGATOR 6
GEOLOGICAL CROSS SECTION
LINE 24
DRAWN: W.A.
TRACED: D.M.W.
CHECKED:
SCALE: 1in - 50ft
DATE: SEPT. '69
GI6 - 2

900N 800N 700N 600N 500N 400N 300N 200N 100N 00

400 300 200 100 00 -100

DDH 217

DDH141

Vok.

Vok.

Bh.

Bah

Bah

Ch

Ph

Ch

Bah

Bh/Ph/Ph

Ph/Sh.

GRANITE/VOLC. CONTACT (APPROX)

?

?

?

?

5 cm

93-3456

GEOPEKO LTD	152036	SCALE: 1 in - 50 ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 28		DATE: SEPT. '69
	DRAWN: W.A. TRACED: D.M.W. CHECKED: WA	GI6-3

1000N 900N 800N 700N 600N 500N 400N 300N 200N 100N

400 300 200 100 00 -100

DDH 113

DDH 114

Volc.

Volc.

Volc.

Ch

Bh

Bh/Ah/Pm/Ch

Volc.

5 cm

93-3456

GEOPEKO LTD.	152037	SCALE: 1 in - 50ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 32		DATE: SEPT. '69
	DRAWN: W.A. TRACED: D.M.W. CHECKED:	G16-4

700N 600N 500N 400N 300N 200N 100N 00 100S 200S

400 400

300

200 200

DDH124

Volcs

Bah

Ch

0.07%
1495

Ph/Bh/Ch

Gh

Ch

100 100

00 00

Bah

Bh

Bah

5 cm

93-3456

-100 -100

GEOPEKO LTD.	152038	SCALE: 1in = 50ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 35		DATE: SEPT. '69
	DRAWN: W.A.	GI6 - 5
	TRACED: D.M.W.	
	CHECKED: W.A.	

700 N 600N 500N 400N 300N 200N 100N

600N 500N 400N 300N 200N 100N 00 100S 200S 300S

400 300 200 100 00 100 -100

DDH 161

DDH 127

Clay

Volc.

Ah

Ah/Pgh

Gh

0·05%
124°

Ch

Ah/Ph

Ch/Bh/Ph

Bh/Ph

Bh

Bah

2·11%
247°

Ph

Ah/Bh

0·07%
160°

5 cm

93·3456

GEOPEKO LTD.	152039	SCALE: 1in = 50ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 39		DATE: SEPT. '69
	DRAWN: W.A.	GIG-6
	TRACED: D.M.W.	
	CHECKED:	

500N 400N 300N 200N 100N 00 100S 200S 300S 400S

400 300 200 100 00 -100

DDH 131

DDH 129

Clay

Volc.

Bh

Volcs. xenolith

Oh

Ph/Bn/Ch

Ch

<0.05%
60.3'

Bch

Bh

<0.05%
68.0'

Ch

Bh/Ch

Ph/Ch
(QUARTZITE)

5 cm

93-3456

GEOPEKO LTD	152040	SCALE: 1 in : 50ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 43		DATE: SEPT: '69
	DRAWN: W.A. TRACED: D.M.W. CHECKED:	GI6- 7

500N 400N 300N 200N 100N 00 100S 200S 300S

500 400 300 200 100 00

DDH 136

GRANITE CONTACT.

Volcs.

Volc/Sh

Ch

Bah

B

5 cm

93-3456

GEOPEKO LTD	152041	SCALE: 1in - 50ft
INVESTIGATOR 6 GEOLOGICAL CROSS SECTION LINE 47	DRAWN: WA. TRACED: DMW CHECKED: wja	DATE: SEPT '69 GI6-8

CURRIE ROAD

ACACIA STREET

WATTLE STREET

NICHOLL CK ADIT

10 MINE

W19

B15

DDH 217

DDH 111

DDH 113

DDH 141

DDH 114

DDH 139

DDH 84

DDH 132

DDH 161

DDH 136

DDH 131

DDH 127

DDH 129

Fault position shown as indicated from Aerographic Survey 1961

LEGEND

GRANITE

PEGMATITE

MINE SERIES (INTERBEDDED)

QUARTZITE (MAIN)

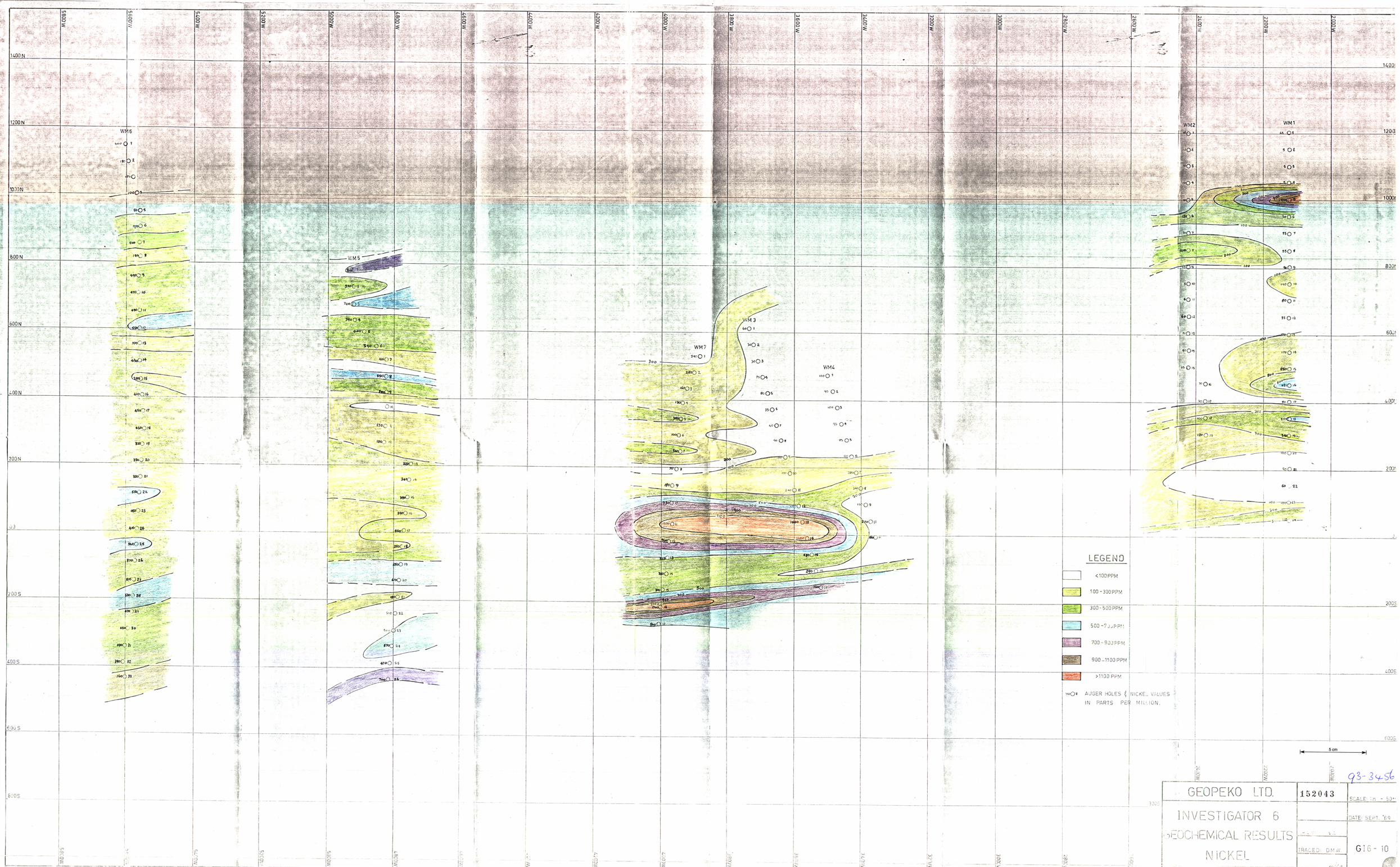
FAULT

CONTACT (APPROX.)

5 cm

93-3456

GEOPEKO LTD	152042	1 in — 100 Ft
GEOLOGICAL PLAN		SEPT '69
EASTERN SECTION	W.A.	
INVESTIGATOR 6		GI6-9



93-3456

GEOPEKO LTD.	152043	SCALE: 1in = 50ft
INVESTIGATOR 6		DATE: SEPT. '69
GEOCHEMICAL RESULTS	DRAWN:	
NICKEL	TRACED: D.M.W.	G16 - 10
	CHECKED:	

4000 W | 3800 W | 3600 W | 3400 W | 3200 W | 3000 W | 2800 W | 2600 W | 2400 W | 2200 W | 2000 W | 1800 W | 1600 W

12000N

10000N

8000N

6000N

4000N

2000N

00

200S

400S

600S

800S

WM 7

WM 3

WM 4

WM 2

WM 1

LEGEND

- <2
- 2 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- >40

NOTE: WM5 AND WM6 ARE OMITTED AS ALL ASSAYS WERE 2 OR <2 PPM Mo

5 cm

93-3456

GEOPEKO LTD. 152044

INVESTIGATOR 6

GEOCHEMICAL RESULTS

MOLYBDENUM

SCALE: 1in = 5cm

DATE: SEPT '84

DRAWN: WA

TRACED: D.M.W.

CHECKED: W.A.

GI6-11

WM 1

WM 2

WM 3

WM4

WM5

WM6

WM7

<10 PPM

10-30 PPM

30-50 PPM

50-70 PPM

>70

5 cm

93-3456

GEOPEKO LTD.	152045	SCALE: 1in = 50m
INVESTIGATOR 6		DATE: SEPT '93
GEOCHEMICAL RESULTS	DRAWN: WA	C16-12
TUNGSTEN	TRACED: D.M.W.	
	CHECKED:	

AMG
245010E,
5563010N

GRASSY ROAD

LOOP ROAD

GRASSY TOWNSHIP

OPENCUT

ADIT

DDH214

DDH216

DDH220

DDH A

DDH C

ADIT

DDH217

DDH 113

DDH 141

DDH 141

DDH 114

DDH 139

DDH 138

DDH 131

DDH 129

DDH 127

DDH 132

Forestry Block

AMG REFERENCE POINTS ADDED
5563010N

5 cm

LEGEND

- GRANITE
- VOLCANICS
- MINE SERIES
- QUARTZITES; SHALES
- FAULT
- CONTACT APPROXIMATE
- CONTACT INFERRED

152046

93-3456

GEOPEKO LTD

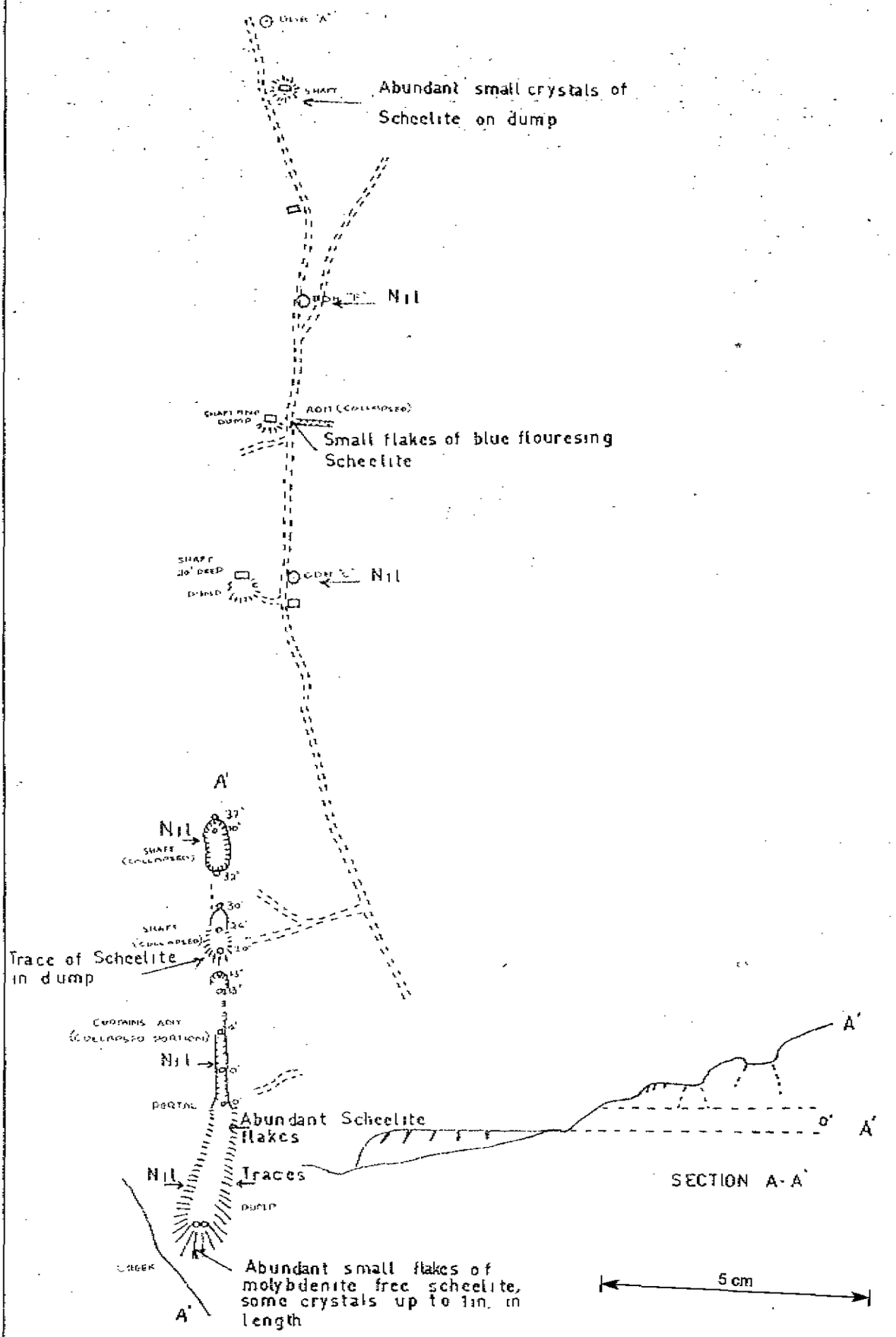
INVESTIGATOR 6

GEOLOGICAL INTERPRETATION PLAN

Drawn: W A
Traced: A-M T
Checked: WA

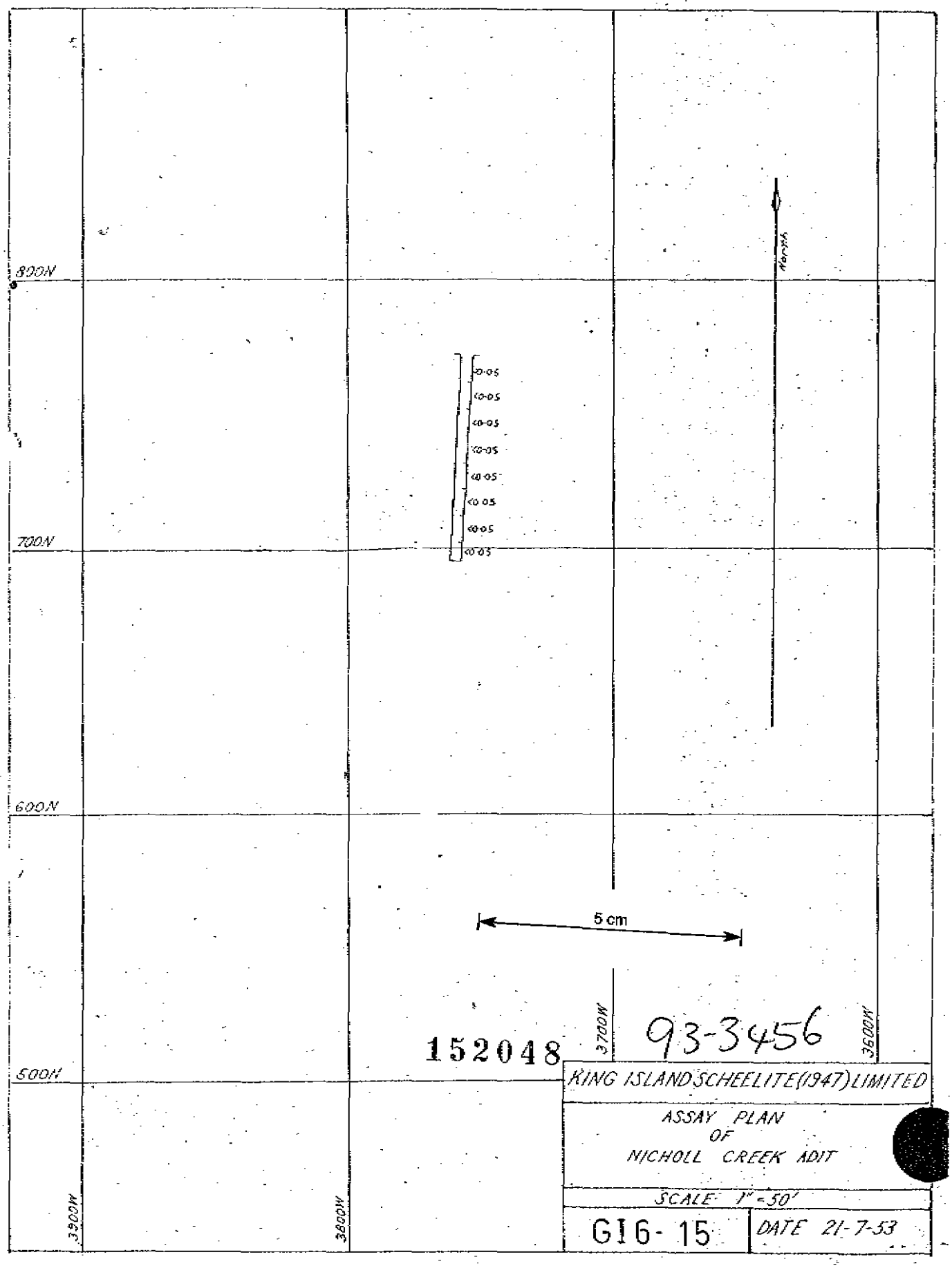
Scale: 1in-1000ft
Date: Sept '69

GI6 - 13



152047 93-3456

GEOPEKO LTD		Scale: 1in - 50ft
REPORT ON MINERALIGHT OBSERVATIONS AT WORKINGS IN FORESTRY AREA 24·2·53	Drawn: C A C Traced: A-M I Checked: WJA	Date: OCT '69 G16-14



152048

93-3456

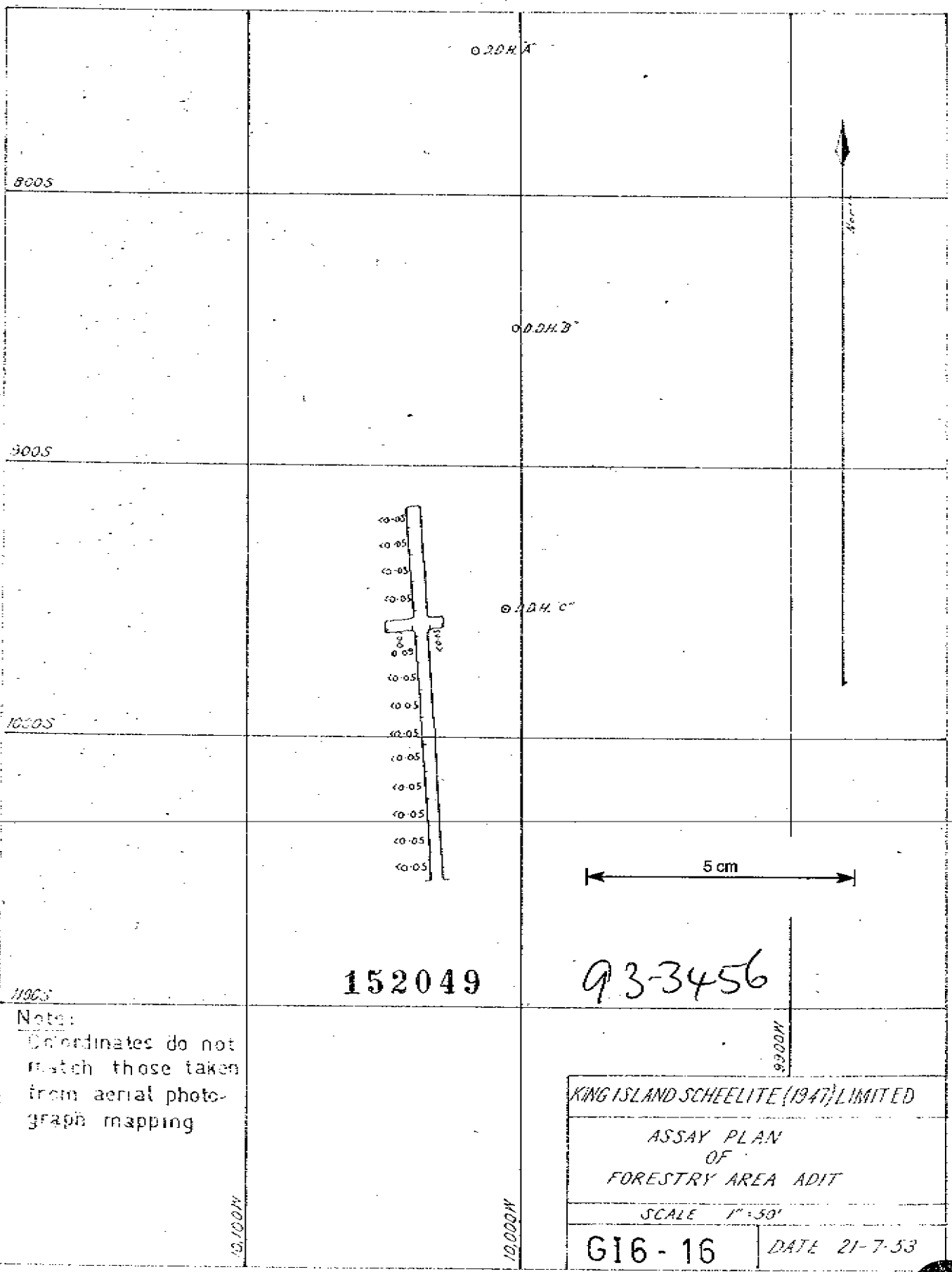
KING ISLAND SCHEELITE (1947) LIMITED

ASSAY PLAN
OF
NICHOLL CREEK ADIT

SCALE: 1" = 50'

G16-15

DATE 21-7-53



152049

93-3456

Note:
Coordinates do not match those taken from aerial photo-graph mapping

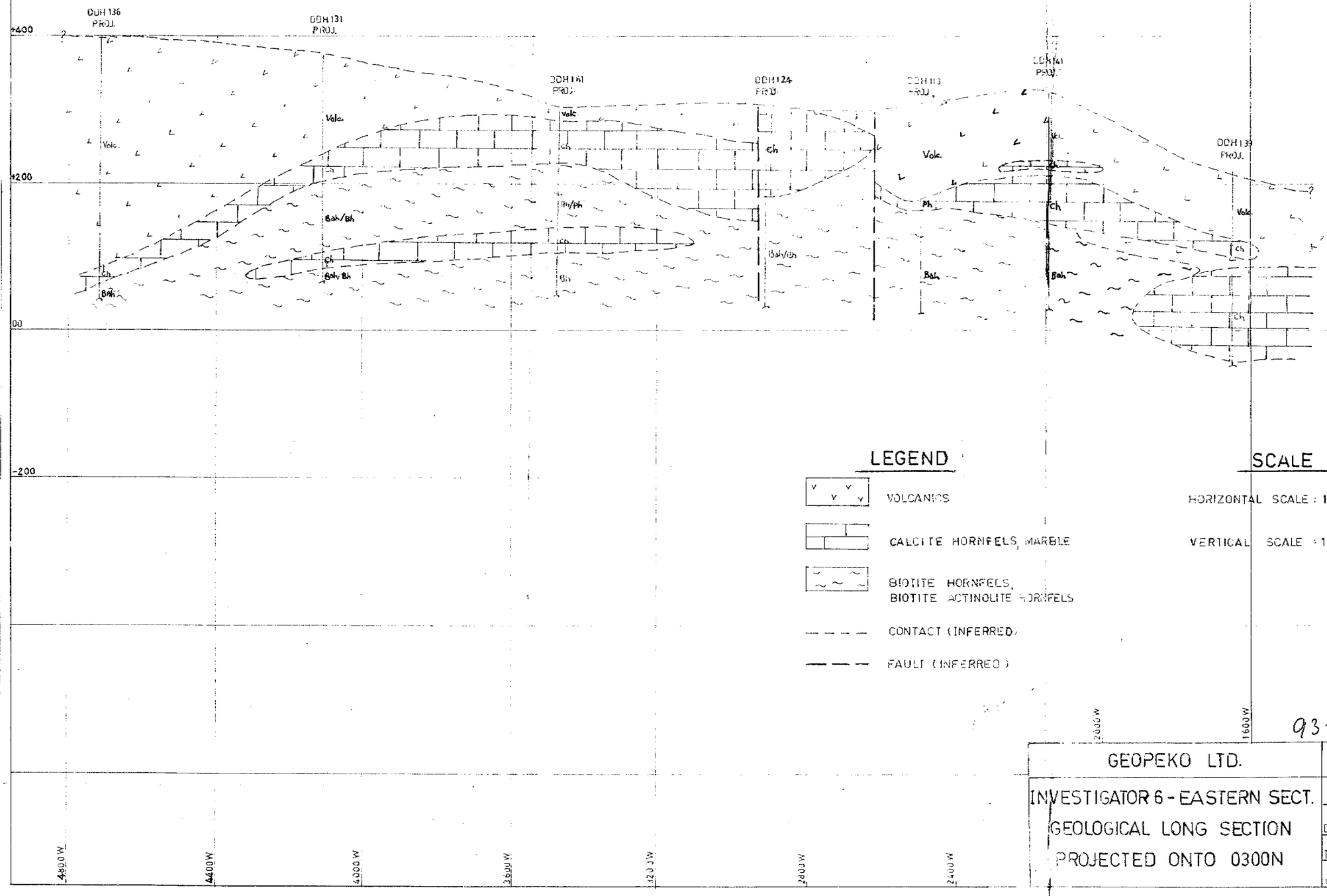
KING ISLAND SCHEELITE (1947) LIMITED

ASSAY PLAN
OF
FORESTRY AREA ADIT

SCALE 1" = 50'

G16 - 16

DATE 21-7-53



LEGEND

- VOLCANICS
- CALCITE HORNFELS, MARBLE
- BIOTITE HORNFELS, BIOTITE ACTINOLITE HORNFELS
- CONTACT (INFERRED)
- FAULT (INFERRED)

SCALE

HORIZONTAL SCALE : 1in — 200ft

VERTICAL SCALE : 1in — 100ft

5 cm

93-3456

152050

GEOPEKO LTD.

INVESTIGATOR 6 - EASTERN SECT.

GEOLOGICAL LONG SECTION

PROJECTED ONTO 0300N

DRAWN: W.A.

TRACED: D.M.W.

CHECKED:

DATE: OCT. '69

GI6 - 17

WM 6

WM 5

WM 3

WM 17

WM 4

WM 2

WM 1

ANOMALY N.61

LEGEND

- <10 PPM
- 10-30 PPM
- 30-50 PPM
- 50-70 PPM
- 70

PREVIOUS AUGER DRILL HOLES
1st PRIORITY PROPOSED HOLES
2nd PRIORITY PROPOSED HOLES

5 cm

93-3456

GEOPEKO LTD.

INVESTIGATOR 6

EASTERN SECTION

PROPOSED AUGER DRILLING

152051

SCALE: 1in = 50ft

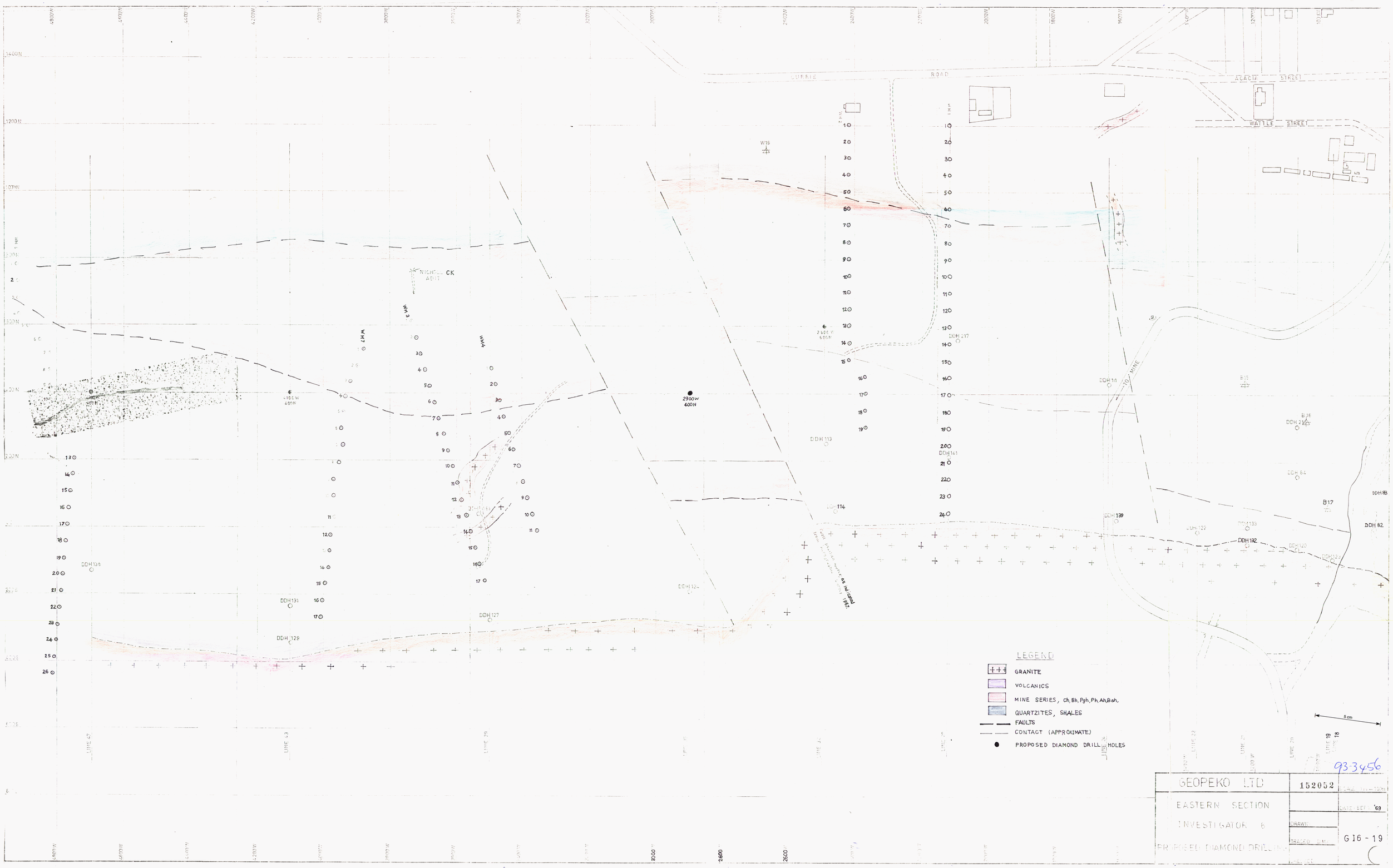
DATE: SEPT '69

DRAWN: W.L.

TRACED: D.M.W.

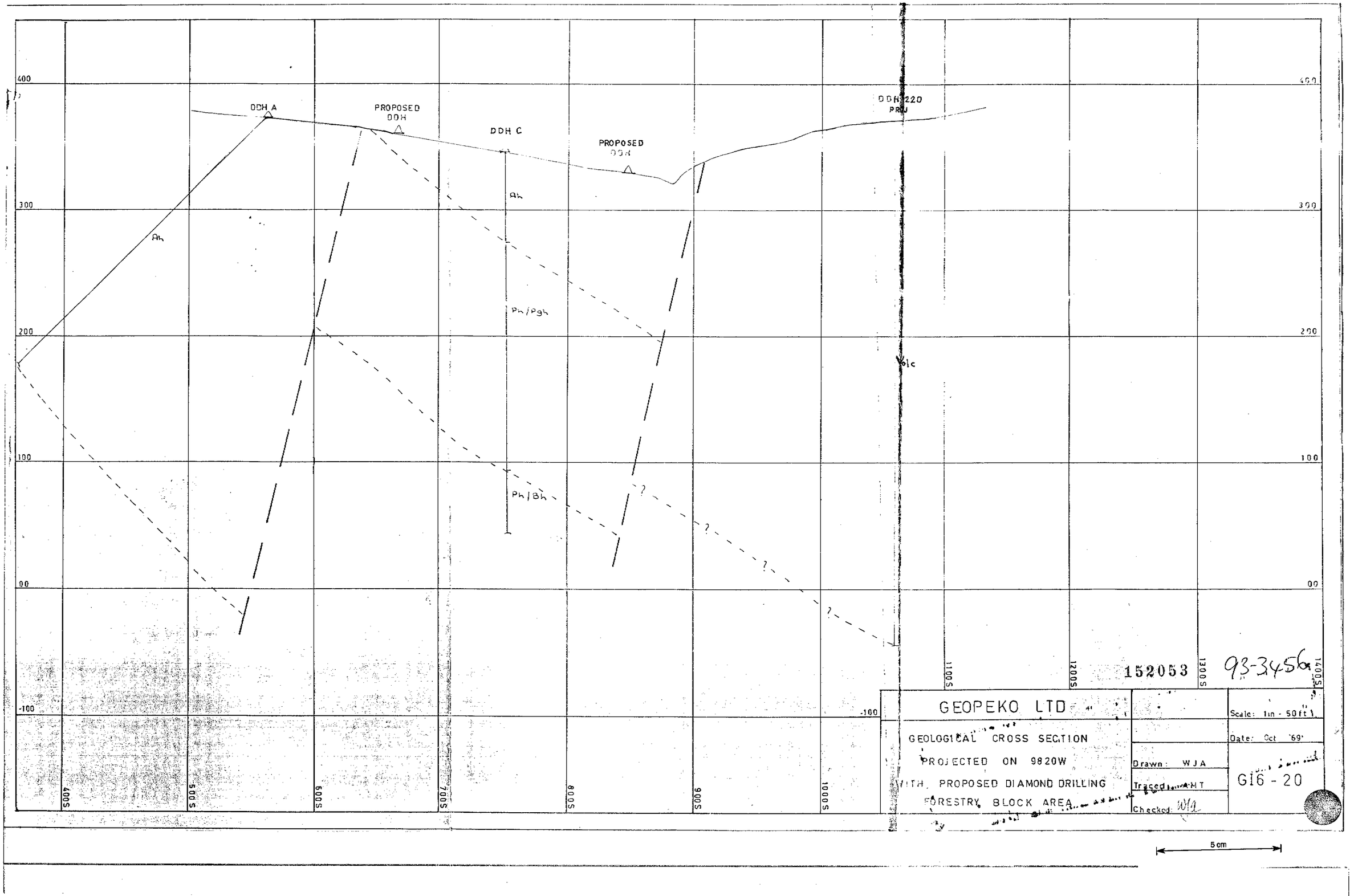
CHECKED:

O16-18



93-3456

GEOPEKO LTD	152052	SCALE 1in = 100ft
EASTERN SECTION		DATE SEPT '69
INVESTIGATOR 6	DRAWN	
PROPOSED DIAMOND DRILLING	TRACED D.M.	G16 - 19
	LINE SET	


400
300
200
100
00
-100
DDH A
PROPOSED DDH
DDH C
PROPOSED DDH
DDH 220 PROJ
Ah
Ph/Pgh
Ph/Bh
Volc
400S
500S
600S
700S
800S
900S
1000S
1100S
1200S
1300S
1400S
152053
93-3456
GEOPEKO LTD
GEOLOGICAL CROSS SECTION
PROJECTED ON 9820W
WITH PROPOSED DIAMOND DRILLING
FORESTRY BLOCK AREA
Scale: 1in - 50ft
Date: Oct '69
Drawn: WJA
Traced: HT
Checked: WJA
GI6 - 20
5cm