

CRAIG-0023

LOAD: 16mm

MINE-ORE MINES LTD.

Craig Tp. ()

NO DEFINITE LOCATION PLANS FOR
THIS REPORT. THEREFORE, THE PLOT
IS APPROXIMATE - USING OUTLINE OF
PROPERTY AS BOUNDARY.

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property Mine-Que Mines Ltd.

Hole No. 1

Latitude Bearing North Page 1

Departure 300S on line K, Area "A" Dip 45°; at 256.5' - 49.8'

Location Length 256.5' Core Size

Elevation Started April 13/59 Completed April 15/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination or Banding to Core Axis
0.0	12.0	Casing			
12.0	23.8	Hornblende, feldspar, mica schist.			12.5' - 65°
23.8	27.6	White Pegmatite.			
27.6	29.9	Feldspar, mica schist, minor hornblende bands.			
29.9	30.0	White Pegmatite, garnetiferous, feldspar mica inclusion, minute bleb chalcopyrite.			
30.0	62.1	Hornblende, feldspar schist, few minor micaceous bands; highly siliceous section 40-57.5; some disseminated Pyrrhotite throughout, very minor.			34.0' - 52° 53.0' - 60°
62.1	77.3	Hornblende, feldspar schist; disseminated Pyrrhotite and chalcopyrite 62-66; possibly 0.05 percent; chloritization 51-58.			72.5' - 64°
77.3	97.0	Hornblende, feldspar schist, altered, different in character from preceding section; garnetiferous in part, quartz phenocrysts; Pyrite, Pyrrhotite disseminated throughout section; increasing 93-97 to possibly 1%; odd trace chalcopyrite.			81.7' - 54° 91.0' - 45°
97.0	101.0	Pink pegmatite.			
101.0	102.5	Hornblende, feldspar schist, few blebs pyrrhotite.			101.5' - 57°
102.5	104.0	Pink, Pegmatite.			
104.0	108.1	Hornblende, feldspar, quartz schist; disseminated pyrrhotite throughout; about 1%.			
8.1	109.1	Pink Pegmatite.			

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POOR QUALITY ORIGINAL
TO FOLLOW**

Property Mine-Ore Mines Ltd.

Hole No. 1

Page 2

DUPLICATE COPY
POOR QUALITY ORIGIN.
TO FOLLOW

Bearing

Dip

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
109.1	115.8	Highly siliceous section, mostly feldspar, some dark minerals; pyrrhotite and pyrite in plates, blebs, and disseminated throughout; about 2% of section.			
115.8	116.1	Pink Pegmatite.			
116.1	124.0	Hornblende, feldspar schist, greasy slips; minor disseminated pyrrhotite throughout.			
124.0	129.0	Hornblende, feldspar schist.		128.0'	- 52°
129.0	145.8	Feldspar, mica, hornblende schist; Garnetiferous in part; some chloritization.		131.0'	- 46°
				133.0'	- 62°
				141.0'	- 57°
145.8	157.3	Hornblende, feldspar schist. Becoming more siliceous 152-157.3; <u>disseminated pyrrhotite 156-157.3</u> in quartz and hornblende; about 1%.		147.0'	- 51°
				152.5'	- 48°
157.3	157.5	<u>Pyrrhotite in quartz, hornblende, feldspar</u> ; about 50% massive enough to conduct; some garnet.			
157.5	174.2	Feldspar, mica schist; minor hornblende; some garnet; 163.5-165.6 TAKEN BY GRAHAM; <u>Pyrrhotite disseminated in quartz at 159.8-159.9</u>		159.5'	- 62°
				167.0'	- 33°
				172.1'	- 65°
174.2	175.0	Siliceous section; quartz, feldspar, some minor hornblende, <u>few blebs pyrrhotite</u> ; some mica.			
175.0	175.7	Feldspar, mica, schist; disseminated Pyrrhotite less than 1%.			
175.7	178.2	White Pegmatite; upper contact cuts schist bedding at right angles, though schist may be loose fragment.			
178.2	181.1	Hornblende, feldspar, mica, schist.		181.0'	- 58°

Property..... Mine-Ore Mines Ltd.....

Hole No. 1.....

Page 3.....

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Bearing.....

Dip.....

Length.....

Core Size.....

Elevation.....

Started.....

Completed.....

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
181.1	182.3	White Granite, or a fine-grained Pegmatite; distinct contact with following section. Delta noted is contact with preceding section, and makes an angle the previous delta of 94° approximately.			181.1' - 31°
182.3	184.0	White Petmatite.			
184.0	184.9	White Granite, fine grained.			
184.9	189.9	Feldspar, mica, schist; 188.9-189.9 mostly hornblende.			187.5' - 55°
189.9	194.3	White Pegmatite; fine-grained first few incheft of section; at 191.5' few blebs Pyrrhotite and Chalcopyrite in digested hornblende fragment; at 193.7-194.3 fragment feldspar, mica, schist, clean margins, as though a braccia member.			
194.3	196.0	White granite, fine-grained; granetiferous.			
196.0	197.6	White Pegmatite.			
197.6	201.1	Feldspar, mica, schist; becoming feldspar mica. hornblende, schist.			198.0' - 53° 200.5' - 40°
201.1	202.0	Feldspar, hornblende, schist; <u>disseminated pyrrhotite; 1%; bands fine-grained magnetite.</u>			201.5' - 44°
202.0	204.5	Feldspar, mica, hornblende, schist; scattered platy Pyrrhotite, very minor.			203.0' - 52°
204.5	207.0	Hornblende schist.			
207.0	208.6	Feldspar, mica, hornblende, schist; disseminated pyrrhotite, bery minor.			208.3' - 37°
208.6	209.5	Hornblende schist.			
209.5	209.9	Pink Pegmatite.			
209.9	211.4	Hornblende schist.			

Drill Core Log

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Property Mine-Ore Mines Ltd.

Hole No. 1

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**DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW**

Departure

Bearing

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
211.4	214.5	Feldspar, hornblende, mica, schist; at 212.7 a few 8-inch pyrrhotite stringers.			213.0' - 28° 213.8' - 64°
214.5	216.9	Pink Pegmatite.			
216.9	220.9	Feldspar, mica, schist; minor hornblende; some chloritization; disseminated pyrrhotite; less than 1%.			217.0' - 53° 220.5' - 50°
220.9	223.4	Hornblende, feldspar, schist.			222.5' - 41°
223.4	225.4	Feldspar, mica, schist; minor hornblende.			224.0' - 46°
225.5	236.2	Feldspar, hornblende, mica, schist; some chloritization; few Magnetite stringers as at 234.2, not significant; pyrite and pyrrhotite stringers, less than 1%. Few quartz stringers, minor.			234.0' - 34°
236.2	240.0	Highly siliceous section; feldspar, muscovite? Minor hornblende, magnetite bands; some pyrrhotite at 237.5;			237.0' - 49° 239.5' - 30°
240.0	245.6	Highly siliceous section; feldspar, mica, schist; banding almost indistinguishable, as opposed to striking appearance of preceding section; very minor hornblende member.			241.0' - 49°
245.6	246.0	Magnetite and silica, minor hornblende.			
246.0	247.2	Hornblende schist, minor mica, feldspar.			
247.2	249.0	Pink pegmatite.			
249.0	250.7	Altered contact section; hornblende, magnetite, silica, micaceous section, graphitic?			
250.7	254.8	Pink Pegmatite.			
254.8	256.5	Feldspar, mica, hornblende, schist; 254.0-255.0 is magnetite and hornblende.			256.0' - 57°
256.5		END OF HOLE			

Property Mine-Ore Mines Ltd.

Hole No. 1

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Latitude

Bearing

Departure

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.
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NOTE: End 6.5 feet of hole placed in 0-25 feet Tray.
 Sections 204.5-207.0, 208.6-209.5, 209.9-211.4 may be diabase, though the hornblende seems too well oriented in one plane; a type specimen has been marked and retained for examination later.

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TO FOLLOW

Mine-Ore Mines Ltd.
 Craig Township Property

Hole No. 2

Page 1

Latitude

Bearing North

Departure

Dip 45° at 302.0' - 60.8°

Location 347S on Line G

Length 302.0'

Core Size

Elevation

Started April 14/59

Completed April 17/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	15.0	Casing.			
15.0	27.0	Hornblende, feldspar, schist; fine-grained.		22.0'	- 51°
27.0	95.1	Hornblende, feldspar, schist; possibly chloritized in places; few disseminated blebs pyrrhotite throughout, very minor.		31.0' - 50° 39.0' - 50° 57.0' - 45° 67.0' - 40° 80.5' - 48° 91.5' - 42°	
95.1	107.5	<u>Sulphide Zone:</u> Highly siliceous section; feldspar, hornblende; quite garnetiferous; some chloritization; pyrrhotite as follows: 95.7-96.1, massive, 70%; 96.9-97.5, disseminated, about 6-8%; otherwise finely disseminated throughout entire section.		97.0' - 36° 102.0' - 47° 107.0' - 47°	
107.5	114.9	Hornblende, feldspar, schist; at 108.4-108.5 blebs, Pyrrhotite and Pyrite.		112.0'	- 48°
114.9	120.0	Feldspar, mica, schist; with minor hornblende member; <u>disseminated pyrrhotite and pyrite throughout section, possibly 2%; few garnets.</u>		118.0'	- 41°
120.0	120.9	White quartz, few large blebs pyrrhotite enclosing smaller blebs pyrite.			
120.9	131.1	Feldspar, mica, hornblende, schist; <u>disseminated pyrrhotite throughout, about 1%; pyrrhotite increases toward end of section, as would be expected from the following section; garnetiferous.</u>		126.0'	- 56°
131.1	141.2	<u>Sulphide Zone:</u> Massive and disseminated pyrrhotite and pyrite in altered feldspar, mica, hornblende, schist; pyrrhotite to pyrite, about 3 to 1; mineralization about 30-40% of section.			
141.2	142.7	Feldspar, hornblende, schist; minor mica; fine-grained.		142.0'	- 52°

Property..... MIN-ORE MINES LTD.

Hole No. 2.....

Page 2.....

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POOR QUALITY ORIGINAL
TO FOLLOW

Bearing.....

Dip.....

Length..... Core Size.....

Started..... Completed.....

Elevation.....

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding of Core Ax
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142.7	156.5	<u>Sulphide Zone.</u> Massive and disseminated pyrite and less pyrrhotite in feldspar, hornblende, schist; garnetiferous and chloritized; mineralization about 20% of section; 150-155 TAKEN BY GRAHAM			155.5' - 27°
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156.5	163.0	Highly altered section; feldspar, mica, hornblende, schist; quartz stringer at 159-159.5; becoming fine-grained feldspar; hornblende, schist 160-163, with a little disseminated pyrrhotite.			
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163.0	173.0	Pink pegmatite.			
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173.0	175.0	Feldspar, hornblende, schist; disseminated pyrrhotite, bery minor.			173.5' - 67°
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175.0	175.9	Pink pegmatite.			
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175.9	179.5	Feldspar, hornblende, schist; quartz stringers; some chloritization.			177.0' - 60°
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179.5	180.9	Pink pegmatite.			
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180.9	186.8	Feldspar, hornblende, schist; rather fine-textured.			
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186.8	187.9	Pink pegmatite.			
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187.9	188.9	Feldspar, hornblende, schist.			
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188.9	190.5	Pink pegmatite.			
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190.5	191.0	Feldspar, hornblende, schist			
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191.0	191.4	Pink pegmatite.			
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191.4	198.5	Feldspar, hornblende, schist; micaceous in places, weakly so; intruded by pink Pegmatite, and either amphibolitized or chloritized; becoming more siliceous toward end of section, granitic.			195.4' - 70°
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Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property MIN-ORE MINES LTD.

Hole No. 2

Latitude

Bearing

Page 3

Departure

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.
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198.5	257.0	Pink pegmatite; at 230-240, quite garnetiferous; at 225, single 8th-inch bleb <u>Molybdenum</u> ; this entire section, and following similar ones contain much scattered Muscovite.		
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257.0	260.0	Feldspar, mica, schist; scattered mica books.		
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260.0	263.0	Pink Pegmatite.		
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263.0	264.4	Feldspar, mica, schist; as preceding similar section.		
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264.4	302.0	Pink Pegmatite.		
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302.0		END OF HOLE:		
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NOTES: End 2.0 feet of hole placed in 0-25 feet tray.

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Drill Core Log

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Property MIN-ORE MINES LTD.
Craig Township Property

Hole No. 3

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Bearing North

Page 1

Dip 45°, at 346.5'-58.5'

Length 346.5'

Core Size

Elevation

Started April 16/59

Completed April 19/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	8.0	Casing.			
8.0	15.9	Feldspar, mica, hornblende, schist; large garnets; garnet most developed in hornblendic sections.			11.0' - 60°
15.9	18.4	White Granite; 16.5-17.1 feldspar, mica, schist inclusion; granite contacts conform to bedding of schist at 62°.			
18.4	29.8	Feldspar, mica, schist; bands feldspar, hornblende schist at 19.5-22.5, 26.6-27.5.			27.0' - 62°
29.8	32.8	Feldspar, hornblende, mica, schist; bedding almost indistinguishable.			
32.8	35.0	Feldspar, mica, schist.			33.5' - 79°
35.0	40.5	Pink Pegmatite.			
40.5	51.5	Feldspar, mica, schist; minor hornblende member; siliceous section 45-47.3, and at 48.9-51.5.			42.0' - 33° 48.0' - 56° 51.0' - 64°
51.5	52.0	<u>Fine bands Magnetite</u> , hornblende and garnets.			51.8' - 67° 55.5' - 64°
52.0	59.0	Feldspar, hornblende, schist; becoming feldspar, mica, schist at 56.4 to end of section; last 0.5' either amphibolitized or chloritized.			58.5' - 60°
59.0	65.6	Pink Pegmatite; few flecks muscovite; contacts conform to bedding of previous section.			
65.6	71.9	<u>Iron Formation</u> : fine texture, medium-fine-banded magnetite, silica, some hornblende, amphibolite.			68.0' - 59°
71.9	73.1	Hornblende, feldspar, schist;			
73.1	75.6	Iron Formation: fine-grained, medium-coars--banded Magnetite, silica, some hornblende.			74.5' - 45°

Property MIN-ORE MINES LTD.
Craig Township Property

Hole No. 3

Latitude Bearing Page 2
 Departure Dip
 Location Length Core Size
 Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT	Inclination of Banding to Core Axis
75.6	77.1	Hornblende, feldspar, schist.			
77.1	79.1	Iron Formation: fine-grained, medium-banded Magnetite, silica; hornblende, chloritized or amphibolitized.			79.0' - 67°
79.1	80.0	Hornblende, feldspar, schist.			
80.0	81.2	Iron Formation: fine-grained, medium-banded Magnetite, silica; chlorite; some Pyrite, disseminated.			83.0' - 57°
84.9	97.3	Feldspar, hornblende, schist; some chloritization in places.			92.0' - 56°
97.3	99.5	White Pegmatite; containing much altered hornblende - chlorite?			
99.5	109.8	Hornblende, feldspar, schist; garnetiferous in part; chloritization of hornblende; some Pyrite and Pyrrhotite, very minor; striking banding this section.			102.0' - 39° 108.0' - 60°
109.8	113.0	Feldspar, hornblende, schist; dark section at 112-112.2 similar preceding section logged.			111.0' - 50°
113.0	120.2	Feldspar, hornblende, mica, schist; 118-119.1 a few fine bands Magnetite; some disseminated Pyrite and Pyrrhotite, very minor; chloritization some places; little quartz; 115.0-118.9 TAKEN BY GRAHAM			113.8' - 62° 119.0' - 58°
120.2	130.5	Feldspar, mica, schist; quite siliceous section.			127.0' - 55°

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 TO FOLLOW**

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Latitude

Bearing

Departure

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT	Inclination of Banding to Core Ax
130.5	132.6	Feldspar, hornblende, mica, schist; banding is indistinct, almost non-existent.			131.5' - 60°
132.6	143.3	Feldspar, mica, schist.			137.0' - 55°
143.3	148.4	Hornblende, schist; minor feldspar.			
148.4	151.2	Feldspar, mica, schist; at 148.7-149 <u>Pyrrhotite and minor Pyrite</u> , disseminated, about 40%; and at 149.7-149.8 white Pegmatite stringer; Conductor?			149.0' - 58°
151.2	153.0	Hornblende, schist; minor feldspar.			152.5' - 58°
153.0	155.1	Feldspar, hornblende, schist; minor mica; <u>Pyrrhotite disseminated throughout</u> about 6% of section; 153.3-153.9 TAKEN BY GRAHAM			155.0' - 62°
155.1	158.0	Feldspar, mica, schist; very siliceous, increasingly so toward end of section; some minor disseminated Pyrrhotite and Pyrite.			156.0' - 65° 157.0' - 72°
158.0	159.5	White Pegmatite,			
159.5	177.6	White and pink Pegmatite; 160-165 quite garnetiferous, also a few garnets at 169.9-170.			
177.6	178.0	Feldspar, mica, hornblende, schist.			
178.0	178.6	White Pegmatite.			
178.6	181.3	Feldspar, mica, hornblende, schist.			180.5' - 63°
181.3	184.5	White Pegmatite, with following sections the above type schist, 181.9-182.5, 182.9-183.4, 183.9-184.			
184.5	190.0	Hornblende, feldspar, mica, schist; from 187-190 bedding almost indistinguishable			186.0' - 63°

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Bearing

Dip

Length

Started

Core Size

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT	Inclination of Banding to Core Axis
190.0	194.9	Feldspar, mica, schist; minor hornblende; few garnets, as at 193, etc.			192.5' - 58°
194.9	198.0	Hornblende, feldspar, schist; fine-grained; mica.			197.5' - 60°
198.0	198.5	Feldspar, mica, schist; short section.			
198.5	204.5	Hornblende, feldspar, schist; minor mica.			203.0' - 59°
204.5	206.9	Highly siliceous section; feldspar, little mica.			206.2' - 59°
206.9	208.1	Hornblende, feldspar, schist; fine-grained			208.0' - 55°
208.1	209.2	Feldspar, mica, schist; disseminated Pyrrhotite and Pyrite throughout, about 2% of section.			208.6' - 49°
209.2	209.9	Hornblende schist; at each end ½" band massive Pyrite and Pyrrhotite.			
209.9	213.5	Feldspar, hornblende, mica, schist; <u>Pyrrhotite and Pyrite disseminated throughout, possibly 3% of section.</u>			211.0' - 51°
213.5	222.0	Highly siliceous section; mostly feldspar, little mica, less hornblende. Call it a feldspar, mica, schist.			217.4' - 56°
222.0	225.1	Feldspar, mica, hornblende, schist; bedding almost indistinguishable.			
225.1	227.4	Feldspar, mica, schist.			227.0' - 56°
227.4	237.5	Pink Pegmatite; at 234.5-235.2 inclusion feldspar mica schist; few bands Magnetite in inclusion.			
237.5	244.4	<u>Iron Formation</u> : fine-grained, medium-banded Magnetite, silica; very minor hornblende; some drag folding in I.F., some local slips; *see Notes Below			243.0' - 60°

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Mining Consultants

Property MIN-ORE MINES LTD.
Craig Township Property

Hole No. 3

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**DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW**

Location

Bearing

Dip

Length

Core Size

Elevation

Started

Completed

FROM TO

FORMATION

SAMPLE NO

LENGTH FT

Inclination of Banding to Core Ax

244.4	245.9	Feldspar, hornblende, schist; no banding.			
245.9	246.0	<u>Iron Formation</u> : as previously			246.0' - 58°
246.0	248.0	Somewhat altered section; Feldspar, mica, hornblende, schist; some chloritization or amphibolitization ends of section.			
248.0	254.3	Pink Pegmatite; quite garnetiferous.			
254.3	276.2	Feldspar, mica, hornblende, schist; fine-grained bedding mostly indistinct.			273.0' - 53°
276.2	283.0	Iron Formation: fine-grained, coarse-banded Magnetite, silica, hornblende-some chlorite.			278.0' - 48°
283.0	285.1	Hornblende, mica, feldspar, schist; somewhat altered.			
285.1	346.5	Pink Pegmatite; much Muscotite scattered throughout section; garnetiferous throughout.			
	346.5	END OF HOLE.			

NOTES: (a) Probably all hornblende alteration is chloritization, though a few places close to Pegmatite dykes could be amphibolitized.

(b) Re core section 237.5-244.4;
section 239.8-242.9 TAKEN BY GRAHAM

Property MIN-ORE MINES LTD.
Craig Township Property

Hole No. 4

Page 1

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Bearing Mine N

Dip 45°, at 310.0' - 57.0°

Length 310.0'

Core Size

Location

Elevation

Started April 18/59

Completed April 20/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	16.0	Casing.			
16.0	33.0	Feldspar, hornblende, schist.		15.2'	- 35°
33.0	33.5	White Pegmatite.			
33.5	59.9	Feldspar, hornblende, schist; with pale brown micaceous bands at intervals; a highly altered section; fragments of mica schist in feldspar, hornblende schist at 42.5.		39.0' - 43.0' - 48.0' - 54.5' - 67.5' - 72.0'	- 44° - 41° - 42° - 33° - 39° - 40°
59.9	74.9	Highly siliceous section; Feldspar, hornblende, schist; micaceous bands; much as previous section, but relatively more feldspar, and some quartz; at 60.5 disseminated Pyrite and Pyrrhotite, minor.			
74.9	84.0	Feldspar, hornblende, schist; some minor mica and with pale brown micaceous bands.		83.0'	- 33°
84.0	89.7	Highly siliceous section; Feldspar, hornblende, mica, schist; some quartz.		83.0'	- 37°
89.7	93.9	Feldspar, mica, schist; siliceous section; minor hornblende; few scattered blebs Pyrrhotite, minor.		92.5'	- 40°
93.9	100.0	Feldspar, hornblende, schist; with pale brown micaceous bands; 94-95 chloritized party, with few disseminated bands Pyrrhotite, very minor.		96.5'	- 34°
100.0	117.6	Feldspar, mica, schist; minor hornblende; also few pale brown mica bands; garnetiferous in part; 104-107.5 <u>disseminated Pyrrhotite</u> , possibly 5% of section; garnet only in vicinity Pyrrhotite.		104.0' - 116.0'	- 30° - 50°
117.6	130.4	White Pegmatite; considerable Muscovite.			

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Department

Bearing

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Ax.
130.4	133.9	Feldspar mica, schist; 138.8-139.9 hornblende; <u>136.3-138.5 disseminated Pyrrhotite, one band almost massive (conductor?), possibly 7% of section described.</u>			139.0' - 40°
139.9	146.1	White Pegmatite; at 145.7 and at 146 schist fragments in dyke.			
146.1	163.5	Feldspar, mica, hornblende, schist; at 158.7 some disseminated Pyrrhotite, minor; at 160.1-160.9 Pyrrhotite, about 10% of section definitely minor.			149.0' - 48° 163.0' - 51°
163.5	165.8	Hornblende, schist; minor feldspar.			165.0' - 53°
165.8	166.6	Feldspar, mica, schist.			166.0' - 49°
166.6	174.8	Feldspar, hornblende, schist; minor mica.			173.7' - 52°
174.8	176.4	Feldspar, mica, schist.			176.0' - 55°
176.4	177.4	Hornblende, feldspar, schist; minor mica.			176.0' - 45°
177.4	174.0	Feldspar, mica, schist; disseminated Pyrrhotite and Pyrite throughout, minor; at 173.9 1/4" stringer Pyrrhotite and Pyrite.			177.0' - 46°
174.0	181.1	Hornblende, feldspar, schist; minor mica.			
181.1	188.2	Feldspar, mica, hornblende, schist; 182-183 disseminated Pyrite and Pyrrhotite, minor.			188.0' - 50°
188.2	189.8	Feldspar, Magnetite, hornblende; some chloritization.			189.0' - 44°
189.8	190.9	Hornblende, feldspar, schist; banding indistinct, trace mica.			
190.9	192.0	Highly siliceous section; feldspar, Magnetite, hornblende.			195.5' - 45°

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POOR QUALITY ORIGINAL
TO FOLLOW

Department

Bearing

Dip

Location

Length

Core Size

Elevation

Core ID

Completed

Inclination of
Banding to Core Axis

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT	Inclination of Banding to Core Axis
192.0	199.5	Feldspar, hornblende, mica, schist.		199.0'	- 40°
199.5	207.3	Feldspar, mica, schist; few dark hornblende bands as at 200.1-200.4, 202-202.2, 202.6-202.9.		205.5'	- 43°
207.3	215.9	Feldspar, mica, hornblende, schist; end of section some chloritization.		211.0'	- 49°
215.9	226.8	<u>Iron Formation</u> : fine-grained, fine-medium-banded Magnetite, silica, hornblende; odd bleb cubic Pyrrite, 220-225 TAKEN BY GRAHAM.		219.0' - 226.0'	- 47° - 49°
226.8	228.4	Feldspar, hornblende, schist; minor mica; bedding indistinct.			
228.4	233.4	<u>Iron Formation</u> : fine-grained, fine-banded Magnetite, silica, minor hornblende; drag-folding.		233.0'	- 54°
233.4	249.1	Feldspar, hornblende, mica, schist; at 239-240 a white Pegmatite dyke; banding indistinct.		242.0'	- 38°
249.1	274.9	Highly siliceous section; feldspar, hornblende, schist; occasional brown micaceous bands; much chloritization, numerous bands green alteration.		256.0'	- 46°
274.9	277.7	Hornblende, schist;		275.5'	- 5°
277.7	278.6	White Pegmatite.			
278.6	288.0	Hornblende, schist; feldspar.		287.0'	- 43°
288.0	310.0	White Granite, some Muscovite; 288-293.4 is pale pink Pegmatite, thence the Granite; contact conforms to bedding of previous-described section.			
310.0		END OF HOLE.			

NOTES: End 10.0 feet of hole placed in 0-25' Tray.
 Fe section 249.1, at 258.4-258.7 pink pegmatite dyke.

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POOR QUALITY ORIGINAL

MIN-ORE MINES LTD.

Hole No. 5

Page 1

Latitude **TO FOLLOW**

Bearing NORTH 28 W

Departure

Dip 45°, at 296.0' - 56°

Location 4-30s on Line I, Area D

Length 296.0'

Core Size

Elevation

Started April 21/59

Completed April 23/59

Inclination of
Banding to Core Axis

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.
0.0	14.0	CASING		
14.0	28.1	Feldspar, mica, schist; minor quartz, Pyrrhotite.		18.5' - 29°
28.1	41.0	Feldspar, hornblende, schist; this section only differs from the next-described in that there is relatively more feldspar here.		32.0' - 40° 38.0' - 47°
41.0	48.2	Hornblende, feldspar, schist.		47.0' - 48°
48.2	50.1	White granite, pink Pegmatite core.		
50.1	66.8	Hornblende, schist; minor feldspar; more siliceous fine-grained section at 62.1-64.5.		58.0' - 47°
66.8	74.5	Feldspar, mica, schist; at 73.5 seams and minor disseminated <u>Pyrrhotite and Pyrite.</u>		73.0' - 59°
74.5	75.9	Hornblende, schist.		
75.9	86.6	Feldspar, mica, hornblende, schist; 75.9-77 very little hornblende; at 56.1 few blebs Pyrrhotite.		82.0' - 58°
86.6	106.2	Hornblende, schist; minor feldspar; dark appearance, probably should be called hornblende, feldspar, schist.		96.5' - 48°
106.2	108.9	Hornblende, feldspar, mica schist; finer-grained than preceding section.		108.0' - 60°
108.9	109.5	feldspar, mica, schist.		
109.5	111.3	Hornblende, feldspar, schist.		110.5' - 62°
111.3	112.8	Highly siliceous section; feldspar little hornblende; disseminated Pyrite and Pyrrhotite, about 1-2% of section		

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Hole No. 5

Page 2

**DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW**

Latitude

Bearing

Departure

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
112.8	118.6	Feldspar, mica, schist; minor hornblende.			117.0' - 60°
116.8	119.0	Hornblende, schist; quartz core.			
119.0	119.8	Feldspar, mica, schist.			
119.9	121.9	Hornblend, feldspar, schist.			120.3' - 64°
121.9	128.0	Feldspar, mica, schist; minor hornblende.			122.5' - 62°
128.0	132.1	Highly siliceous section; mostly feldspar, some chlorite?, <u>finely disseminated Pyrite throughout:</u> 130.6-131.1 almost massive <u>Pyrrhotite</u> , 80% this short section (likely Conductor); 131.1-132, chloritic alteration and red quartz.			129.5' - 63°
132.1	140.5	Feldspar, mica, hornblende, schist.			133.5' - 63° 140.2' - 62°
140.5	142.5	Highly siliceous section; feldspar; fragments the following section at 142 with altered margins; a braccia.			
142.5	148.0	Hornblende, feldspar, schist.			144.5' - 63°
148.0	179.1	Feldspar, mica, hornblende, schist; few bands of hornblende, feldspar, schist; highly siliceous 163 to 168.			156.0' - 61°
179.1	181.3	Hornblende, feldspar, schist.			180.5' - 69°
181.3	187.5	Feldspar, mica, hornblende, schist.			186.5' - 71°
187.5	188.8	Hornblende, feldspar, schist.			188.6' - 69°

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POOR QUALITY ORIGINAL
TO FOLLOW

Hole No. 5

Page 3

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Inclination of Banding to Core Axis
188.8	195.7	Feldspar, mica, hornblende, schist; some alteration in places, chlorite? Few hornblende bands.			191.0' - 59°
195.7	216.1	Pink Pegmatite; garnetiferous throughout; contacts not particularly conformable to schist bedding on either side.			
216.1	228.9	Feldspar, mica, hornblende, schist; rather fine-grained; at 226.9-227.1 a pink Pegmatite dyke.			222.0' - 68°
228.9	228.5	Pink Pegmatite dyke; large garnets.			
229.5	233.4	Feldspar, mica, hornblende, schist;			233.0' - 63°
233.4	255.0	Pink Pegmatite; some large garnets: at 243-246 are large fragments hornblende schist, breccia, margins of schist altered, but distinct.			
255.0	262.3	Feldspar, mica, hornblende, schist.			262.0' - 62°
262.3	265.1	Pink Pegmatite; some large garnets.			
265.1	273.2	Feldspar, mica, hornblende, schist; at 266.3-266.7 white Pegmatite dyke; entire section quite siliceous.			268.0' - 60°
273.2	282.5	White Pegmatite.			
282.5	285.9	Feldspar, mica, schist.			
285.9	287.3	White Pegmatite; at 286.1-286.2 band feldspar, mica, schist.			
287.3	294.4	Feldspar, mica, schist; large mica books; at 290.7 1/2" white Pegmatite; at 292.1 0.2" white Pegmatite.			
294.4	296.0	White Pegmatite.			
296.0		END OF HOLE.			

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Hole No. 6

Latitude Bearing North Page 1

Departure Dip 45° at 250.0' 57.6° at 502.0' 53.9°

Location 460s on Line M, Area B&C Length 502.0' Core Size

Elevation Started April 22/59 Completed April 29/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	6.0	CASING			
6.0	25.2	Diabase.			
25.2	42.0	Pink Pegmatite; at 41 a band of schist; contact conforms to next section's bedding; muscovite.			
42.0	50.5	Feldspar, hornblende, schist; altered in places and intruded by pegmatitic bombs and dykes.			43.0' - 40° 49.0' - 30°
50.5	77.4	Feldspar, hornblende, mica, schist; some siliceous sections; 68.1-69.1 pegmatitic dyke.			62.0' - 40° 74.0' - 39°
77.4	85.5	Diabase.			
85.5	86.1	Pink Pegmatite.			
86.1	88.0	Feldspar, hornblende, mica schist; sltered.			87.5' - 40°
88.0	89.4	Diabase.			92.0' - 32°
89.4	98.0	Feldspar, hornblende, mica minor; pyrite very minor, disseminated throughout section.			
98.0	106.8	This section diabasic; has been a banded schist of sedimentary origin, likely similar the above; banding still vaguely visible; however can only be called a siliceous contact rock, against the following section.			
106.8	176.5	Diabase.			

**DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW**

Latitude **DUPLICATE COPY** Bearing Page 2
 Depth **POOR QUALITY ORIGINAL** Dip
 Location **TO FOLLOW** Length Core Size
 Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
176.5	206.0	Feldspar, mica, schist; for the most part, minor hornblende; at 177.5, 178.9, 180, 180.6, 193.9, 184.5, 188.2, 189.1, narrow stringers Pyrite and Pyrrhotite, massive, the order of $\frac{1}{4}$ to $\frac{1}{2}$ ".			178.0' - 33° 197.0' - 37° 201.2' - 30°
206.0	212.6	Diabase.			
212.6	222.6	Feldspar, mica, schist; minor hornblende; Pyrite and Pyrrhotite throughout, disseminated and in massive stringers, about 1-2% possibly.			213.0' - 56° 221.0' - 26°
222.6	240.8	Pink Pegmatite; large, scattered hornblende crystals; 226-226.9 fragment feldspar, mica, hornblende; schist; broken, sharp margins, braccia; 238.5-249.2 a similar fragment, but of the same material as next-following section.			
240.8	244.1	Feldspar, mica, schist; with books of mica; no bedding, etc.			
244.1	308.8	Feldspar, hornblende, mica, schist; perhaps mica should only be included as a minor member, the mineral is not as abundant as it at first looks to be; some scattered Pyrrhotite and Pyrite.			242.5' - 28° 257.0' - 31° 269.0' - 24° 283.0' - 18° 293.0' - 17° 303.5' - 18° 306.5' - 36°
308.8	331.1	White Pegmatite; quite Garnetiferous, (see NOTES at end of Log)			
331.1	366.1	Hornblende, feldspar, schist; Pyritized, minor; at 346 a 1" white Pegmatite dyke; 360.1-361 an altered section, chloritic?			332.0' - 46° 343.0' - 23° 349.0' - 24°
366.1	368.1	White Pegmatite in siliceous section; pegmatite from 366.5.			

Latitude _____ Bearing _____ Page 3

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
368.1	370.6	Feldspar, hornblende, schist; minor mica.			369.0' - 35°
370.6	372.0	Highly siliceous section; white Pegmatite intruded into schist; vague breccia.			
372.0	376.5	Feldspar, hornblende, mica, schist; pale brown mica bands; some Garnet; Pyrite and Pyrrhotite in massive bands at 376.5, 4".			374.0' - 45°
376.5	384.0	Feldspar, hornblende, schist; at 379.9-380 white Pegmatite w h many large Garnets, preceded by a single micaceous band.			378.5' - 36° 383.5' - 33°
384.0	384.5	Pale green trap, cherty, likely a narrow Diabase dyke, contains several angular fragments schist.			
384.5	389.9	Feldspar, hornblende, schist; at 386.2, 386.9 two fragments similar preceding trap-rock type.			388.0' - 29°
389.9	412.0	Siliceous section; pale green; Diabase? at 390.1-390.7 white quartz dyke; at 390.7-393.6 altered schist, as preceding described section; 393.6-394.5 396.1-397.1 Diabase; 397.1-398 schist; 398-412 Diabase; at 404.6-405.7 breccia, Diabase Fragments in a later siliceous dyke.			
412.0	431.0	Hornblende, feldspar, schist; 418.1-418.6 white siliceous dyke.			417.0' - 38° 428.0' - 40°
431.0	434.7	Hornblende, mica, feldspar, schist; bedding indistinguishable.			

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POOR QUALITY ORIGINAL
TO FOLLOW

Latitude

Bearing

Dip

Dip

Location

Length

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
434.7	441.5	Hornblende, feldspar, mica, schist; 437-438 core crushed, was likely a siliceous white dyke.			439.0' - 46°
441.5	442.1	White Pegmatite.			
442.1	455.6	Hornblende, feldspar, schist; minor mica in some places.			452.0' - 34°
455.6	456.8	White Pegmatite.			
456.8	468.1	Hornblende, feldspar, schist; few minor mica lands.			461.0' - 36°
468.1	470.1	Feldspar, mica, schist.			459.0' - 39°
470.1	473.5	Hornblende, mica, feldspar, schist; few micaceous bands.			472.0' - 43°
473.5	474.8	Hornblende, mica, feldspar, schist; bedding indistinguishable.			
474.8	493.6	Hornblende, feldspar, mica schist; pale brown mica bands; 482.9-483 white siliceous dyke.			487.0' - 44°
493.6	494.9	Diabase dyke; pale green variety, or possibly much altered sediment; likely the latter.			
494.9	502.0	Hornblende, feldspar, schist			497.5' - 36°
502.0		END OF HOLE.			

NOTES: (a) re 308.8-331.1: it should be mentioned here that in many of the described Garnetiferous granitics, there are frequently amphibole replacements of Garnet as well, as this particular section typifies. Probably hornblende, the Amphibole has through a retrograde action simply replaced the Garnet and has retained the shape or form of the original garnet crystals. In some cases Garnet or Rutile cores can still be seen, surrounded by amphibole.

(b) re 384.5-389.9 from 389-389.9 sheared and altered, banding obscured.

(c) End 2.0 feet of hole placed in 0-25 feet tray.

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POOR QUALITY ORIGINAL

Hole No. 7

Latitude **TO FOLLOW** Bearing North Page 1

Dip 45°, at 305.0'-51.9°

Location 5-00s on Line E, Area D Length 305.0' Core Size

Elevation Started April 25/59 Completed April 28/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	22.0	CASING.			
22.0	30.9	Highly siliceous section; mostly feldspar, some hornblende.			23.0' - 32° 30.4' - 49°
30.9	33.6	Hornblende, feldspar, schist; large quartz and/or feldspar phenocrysts, spherical usually; flow of the schist laminae can be seen around these bodies and contacts of this section are conformable to both preceding and succeeding sections described.			32.0' - 47°
33.6	34.5	Highly siliceous section; feldspar, hornblende, schist; hornblende not abundant.			34.0' - 46°
34.5	36.8	Hornblende, feldspar, schist; as 30.9-33.6 section but lacking phenocrysts; at 35.1-35.2 white siliceous dyke.			36.0' - 54°
36.8	46.2	Highly siliceous section; feldspar hornblende, schist; some very minor mica in places.			38.5' - 45° 42.0' - 38°
46.2	52.6	Pink Pegmatite; Garnetiferous and with altered Garnets; contacts not conformable.			
52.6	54.3	Feldspar, mica, hornblende, schist.			53.0' - 44°
54.3	58.2	Hornblende, feldspar, schist; no visible mica; at 57.1-57.2 white siliceous dyke.			55.4' - 37°
58.2	72.0	Feldspar, mica, hornblende, schist.			63.0' - 43° 71.0' - 50°
72.0	73.0	Pink Pegmatite; contacts not conformable.			

DUPLICATE COPY Bearing _____
POOR QUALITY ORIGINAL Dip _____
TO FOLLOW

Latitude _____ Longitude _____
 Departure _____
 Location _____ Length _____ Core Size _____
 Elevation _____ Started _____ Completed _____

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
73.0	74.6	Hornblende, feldspar, schist; few plates Chalcopyrite, very minor.			73.9' - 51°
74.6	78.2	Feldspar, mica, hornblende, schist; few hornblende and mica about equal.			77.0' - 61°
78.2	79.1	Pink Pegmatite.			
79.1	92.5	Feldspar, mica, hornblende, schist;			88.0' - 47°
92.5	94.1	Hornblende, feldspar, schist; few small quartz phenocrysts.			93.7' - 53°
94.1	96.7	Feldspar, mica, hornblende, schist.			96.2' - 56°
96.7	98.7	Hornblende, feldspar, schist.			98.5' - 67°
98.7	110.5	Feldspar, mica, hornblende, schist.			99.0' - 57° 102.0' - 58° 109.0' - 62°
110.5	113.0	Hornblende, feldspar, schist.			112.0' - 64°
113.0	151.1	Feldspar, mica, hornblende, schist; at 130.1-130.5 and at 133.8-134.1 and at 134.8-134.9 white siliceous dykes; banded appearance prominent.			119.0' - 58° 133.0' - 55° 146.0' - 57°
151.1	152.4	Pink Pegmatite; contact not conformable.			
152.4	153.2	Feldspar, mica, hornblende, schist; likely an inclusion in the Pegmatite, therefore no Delta taken.			
153.2	158.9	Pink Pegmatite; Garnetiferous in part.			59.5' - 53°
158.9	160.3	Feldspar, mica schist; at 159.5-159.9 hornblende, feldspar, band.			
160.3	193.6	Pink Pegmatite; few large hornblende crystals, as usual, scattered; at 163.5 a dark band; Garnetiferous sections, Garnets medium-sized.			

DUPLICATE COPY
~~POOR QUALITY ORIGINAL~~
TO FOLLOW

Location _____ Bearing _____
 Dip _____ Page _____
 Length _____ Core Size _____
 Started _____ Completed _____

Elevation _____
 FROM TO FORMATION SAMPLE NO LENGTH FT. Inclination of Banding to Core Axis

193.6	195.2	Feldspar, mica, schist; large books of biotite mica.			
195.2	201.6	Pink Pegmatite; few Garnets.			
201.6	203.5	Feldspar, mica, schist; large books of biotite mica; also a pale brown mineral, small scattered crystals, not abundant.			
203.5	215.4	Pink Pegmatite; Garnetiferous in part; few scattered hornblende crystals.			
215.4	216.7	Feldspar, mica, schist; large books of biotite mica.			
216.7	219.9	Pink Pegmatite.			
219.9	243.5	This section highly sheared; Mica schist; entire section warm olive green, satiny lustre; can be scraped with fingernail; soapy feeling; 235-235.9 a harder, feldspathic section; some chlorite; the Delta varies so that it has been disregarded.			
243.5	248.5	Feldspar, mica, schist; large books of biotite mica; 246.6-248.5 mica books not in as prominent evidence.			
248.5	256.1	Pink Pegmatite; Garnetiferous.			
256.1	257.0	Mica, Chlorite, schist; 255.4-257 chlorite schist with books mica; 257- see below, lacks mica.			253.0' - 31° 256.0' - 44°
257.0	259.1	Chlorite, schist.			259.0' - 30°

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Hole No. 7

Latitude Bearing Page 4

Departure Dip

Location Length Core Size

Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
259.1	265.5	Feldspar, hornblende, schist; with scattered large crystals, hornblende - these are either hornblende replacement of garnets, or pyroxene (stubby)			261.5' - 31°
265.5	267.8	Hornblende, feldspar, schist;			267.0' - 42°
267.8	294.0	Feldspar, hornblende, schist; with scattered large crystals, as in 259.1-265.5, these sections identical; some siliceous dykes, epidote; suggestion of chloritization in places; odd Chalcopyrite bleb, minute and minor.			273.0' - 41° 282.5' - 46° 290.5' - 54°
294.0	296.6	Mica, chlorite, schist; hornblende needles.			294.5' - 67°
296.5	300.5	Hornblende, mica, feldspar, schist; with scattered large crystals hornblende, see 259.1-265.5.			300.2' - 53°
300.5	305.0	Chlorite, mica, schist; hornblende needles.			
305.0		END OF HOLE.			

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Hole No. 8

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Latitude

Bearing North

Page 1

Departure

Dip 60°, at 250.0' 67.2°, at 500.0' 64.5°,
750.0' 65.5°, 1000.0' 60.0°

Location

Length 1,006.0' Core Size

Elevation

Started April 30/59 Completed May 12th/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	18.0	CASING.			
18.0	31.9	<u>White Pegmatite.</u>			
31.0	78.0	<u>Feldspar, hornblende, mica, gneiss</u> ; some white stringers up to 0.2' in width, quartz, feldspar; sections abundant in biotite up to 0.1' in width; at 57.9-60.1 fine-grained black dyke, Gabbro?; 60.1 to 75.1 highly siliceous section, granite-soaked in part, quartzitic. Not conformable.			32.0' - 64° 62.0' - 44°
78.0	126.5	<u>Gabbro</u> ; mildly porphyroblastic; at 121.8-122.2 fragment above gneiss.			
126.5	178.0	<u>Feldspar, mica, gneiss</u> ; minor hornblende; 168-170.5 strongly schistose; mica generally abundant throughout; imparted by few siliceous dykes, as follows: 132.1-133.2, 153-153.5, 156.6-157.8, 158.2-160.9, otherwise few 0.1' dykes.			137.0' - 36° 162.0' - 35° 176.0' - 28°
178.0	183.4	<u>White Pegmatite</u> : lower contact generally conformable, upper not; garnetiferous.			
183.4	251.9	<u>Feldspar, mica, gneiss</u> ; some imparting by siliceous dykes as follows - white, 191.1-191.5, 192.4-195.2, and pink, 207-208, 223.5-232, otherwise few up to 0.4' in width, all wider dykes garnetiferous.			229.0' - 42° 238.0' - 52°
251.9	259.9	<u>Mica, chlorite</u> ; porphyroblasts quartz and feldspar; large scattered Magnetite crystals (a local rock;			

Latitude **DUPLICATE COPY** BearingDeparture **POOR QUALITY ORIGINAL** DipLocation **TO FOLLOW** Length Core Size

Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
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has appeared nowhere else in drilling - but has a resemblance to Hole 7 at 238'): fragments of gneiss along margins, rock must be intrusive.

259.9	287.4	<u>Feldspar, mica, gneiss</u> ; minor hornblende; 268.5-271.8 pink Pegmatite dyke, otherwise few dykes up to 0.3' imparting the gneiss bands.			262.0' - 32°
287.4	299.9	<u>Pink Pegmatite</u> ; garnetiferous; at 295.2-297.5 fragments feldspar, mica, gneiss.			
299.9	311.8	<u>Feldspar, mica, gneiss.</u>			307.0' - 55°
311.8	316.2	<u>Pink Pegmatite</u> ; contacts conformable.			
316.2	349.8	<u>Feldspar, mica, gneiss</u> ; imparted by numerous 0.1' siliceous dykes, and the following pink Pegmatite dykes - 318-325.2, 332.2-335.5, 341.6-344.			319.0' - 41°
349.8	373.0	<u>Pink Pegmatite</u> ; garnetiferous; fragments gneiss as follows - 363-365, 367.9-368.9, 369-369.6.			
373.0	432.8	<u>Feldspar, mica, gneiss</u> ; imparting quartz and feldspar dykes up to 0.3' in width.			388.0' - 32° 421.0' - 17°
432.8	450.1	<u>White Pegmatite</u> ; garnetiferous; not conformable.			
450.1	508.4	<u>Feldspar, hornblende, gneiss</u> ; mica very minor; imparted by bands white feldspar up to 0.1' in width and at 496-501 pronounced drag-folding.			454.0' - 45° 469.0' - 41° 491.5' - 31°

Property MIN-ORE MINES LTD.

Hole No. 8

Page 3

Latitude bearing

Department Dip

Location Length Core Size

Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Band to Core Axis
508.4	514.9	White Pegmatite; garnetiferous; fragments feldspar hornblende gneiss with altered margins at 510.2-511, 514.			
514.9	520.6	Feldspar, hornblende, gneiss; I believe simply a large fragment, considering the foregoing and succeeding sections together with this, as one.			
520.6	575.6	White Pegmatite; quite garnetiferous; the following mica, chlorite, fragments; 524.1-526.5, 527-527.3, 574.9-575.			
575.6	598.1	Feldspar, hornblende, gneiss, imparted by many $\frac{1}{4}$ " white siliceous dykes; at 594.8-596.7 chloritized.			577.0' - 47° 594.4' - 51°
598.1	646.7	Pink and white Pegmatite; quite garnetiferous; the following feldspar, mica, sections, in which are abundant mica books - 604.9-607.5, 625.2-627, 628.1-628.3, 634.1-631.4.			
646.7	664.9	Feldspar, hornblende, mica, gneiss; biotite mica bands up to 0.1' wide; imparting siliceous bands similar; some chloritization of hornblende; well-developed, large, garnets; 646.7-649 lacks hornblende; 649-651 mica schist.			657.0' - 40°
664.9	670.3	White Pegmatite; conformable; garnetiferous.			
670.3	696.6	Feldspar, hornblende, mica gneiss; mica bands up to 0.1' in width; imparting siliceous bands similar; 694-696.6 hornblende			672.0' - 51° 691.0' - 43°

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TO FOLLOW

Latitude _____ Bearing _____
 Departure _____ Dip _____
 Location _____ Length _____ Core Size _____
 Elevation _____ Started _____ Completed _____

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
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and siliceous bands, some chloritization of former; this entire section typically gneissic.

696.6	792.9	<u>Feldspar, hornblende, mica, gneiss</u> ; this section fine-textured, uniform banded; feldspar-hornblende bands up to 2.0' in width; feldspar-mica bands up to 8-10' in width, thus predominantly the latter; some mild chloritization in places: 746.7-748.9 white Pegmatite dyke; at 788 few blebs Pyrrhotite.		703.0' - 37° 742.0' - 44° 768.0' - 47° 783.0' - 28° 792.0' - //
792.9	795.6	<u>Iron Formation: fine grained, medium-banded Magnetite and silica.</u>		794.0' - //
795.6	844.1	<u>Feldspar, hornblende, mica, gneiss</u> ; banding indistinct; imparted by few 1/4" white siliceous dykes.		842.0' - 31°
844.1	854.0	<u>Iron Formation: fine-grained, medium-banded Magnetite and silica.</u>		847.5' - 45°
854.0	857.5	<u>Hornblende predominantly, with some mica, and very large garnets; Pyrrhotite disseminated throughout, about 2% possibly.</u>		
857.5	861.0	<u>Feldspar, hornblende, mica, gneiss</u> ; banding indistinct latter half of section; siliceous sections up to 10' in width; some quartz blebs; imparted by few 8th-inch white siliceous bands, etc.		857.5' - 34°
861.0	873.1	<u>Iron Formation; fine-grained, medium-banded Magnetite and silica; some minor hornblende this section.</u>		867.5' - 42°

Latitude Bearing
 Departure Dip
 Location Length Core Size
 Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
873.1	887.8	<u>Feldspar, hornblende, mica, gneiss</u> ; mica bands up to $\frac{1}{4}$ " in width; imparted by few 0.1' siliceous dykes, and the following larger ones - 873.1-875.5, 878.5-880, 883.5-885.6.			877.0' - 57°
887.8	894.0	<u>Iron Formation</u> : fine-grained, medium- fine-banded Magnetite and silica, hornblende, some mica; of very poor quality.			893.0' - 45°
894.0	944.7	<u>Feldspar, hornblende, gneiss</u> ; minor mica; imparted by white siliceous bands up to 1.5' in width; some chloritization.			897.0' - 23° 922.0' - 53° 943.0' - 62°
944.7	1006.0	<u>White Pegmatite</u> ; garnetiferous; upper contact not conformable.			
1006.0		END OF HOLE.			

NOTES: (a) The term gneiss will henceforth replace 'schist' except in cases where a true schist occurs.
 (b) The feldspar-mica gneiss described from 18.0-432.8 lies midway between the impure Quartzites of Hole #11 and the Feldspar, mica, schists which were described in Hole #2 and Hole #3; again, the feldspar-mica gneiss deeper than 432.8 in Hole #8 - this hole - is of the same nature as that in Holes 2 and 3.
 (c) End 6.0 feet of hole placed in 0-25 feet Tray.

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Hole No. 9

*mark 050S on Line M, Area B&C

Bearing North

Page 1

Departure

Dip 45°, at 269.0' - 60.0°

Location

Length 269.0'

Core Size

Elevation

Started May 1/59

Completed May 3/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	4.0	CASING.			
4.0	30.1	Feldspar, hornblende, schist; few sections very minor mica; few disseminated Pyrite blebs.		12.0' - 43° 23.5' - 45° 29.0' - 49°	
30.1	38.6	Feldspar, mica, hornblende, schist; at 37-38 disseminated Pyrrhotite and Pyrite, about 2%.		33.8' - 43°	
38.6	61.8	Feldspar, mica, schist; at 59- 59.2 white siliceous dyke.		44.0' - 52° 49.2' - 50° 54.0' - 43°	
61.8	85.0	White Pegmatite; Garnetiferous; at 67.1 a flat seam of lavender- coloured mineral; some Muscovite; some large hornblende crystals, scattered.			
85.0	90.1	Feldspar, hornblende, schist; minor mica; Garnetiferous in part.		87.5' - 27°	
90.1	94.6	Pink Pegmatite; some hornblende as above, through a lot less; few scattered large books biotite mica; few Garnets remaining.			
94.6	100.1	Feldspar, mica, hornblende, schist; hornblende the minor member.		96.5' - 45°	
100.1	102.1	Hornblende altered; some fine bands Magnetite and silica.		100.5' - 44°	
102.1	103.7	Feldspar, mica, hornblende, schist; altered.		103.6' - 51°	
103.7	105.0	White Pegmatite.			
105.0	116.2	Feldspar, mica, schist; white siliceous dyke 111-111.9.		114.0' - 48°	

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Hole No. 9

Latitude Bearing Page 2

Departure Dip

Location Length Core Size

Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
116.2	118.1	Feldspar, mica schist; minor hornblende; books of mica; both margins 1" bands white Pegmatite, Garnetiferous.			
118.1	125.2	Feldspar, hornblende, mica, schist;		119.0'	- 44°
125.2	217.4	Pink and white Pegmatite; 125.2-155 few Garnets and some Muscovite; 155-206 Muscovite increases to considerable proportion of rock, more Garnets and altered Garnets (see NOTES at end of Log, Hole 6); some hornblende crystals, large, scattered; 206-217.4 only Garnets and few scattered Muscovite books in the Pegmatite.			
217.4	233.4	Hornblende, feldspar, schist; some micaceous bands. 230.9-233.4 typical hornblende, mica, feldspar, schist.		232.0'	- 46°
233.4	269.0	Pink, fine-grained Granite; highly Garnetiferous; the Garnets occupy bands, strata, which have at one time likely been sediments, these bands at 29° to core axis; Muscovite books; hornblende crystals; etc.			
269.0		END OF HOLE.			

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Hole No. 10

Latitude Bearing Page 1
 Departure Dip
 Location Length Core Size
 Elevation Started Completed

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	4.0	CASING.			
4.0	298.0	<u>Feldspar, hornblende, mica, quartz, gneiss; biotite mica bands up to 0.5' in width; quartz and feldspar bands up to 2.0" in width imparting the mica and hornblende; predominantly a feldspar, hornblende, gneiss with mica a minor member; considerable local chloritization as at 167.5-169; 192.5-206; 284-298; the following pegmatite dykes - 58-66.1; 68-68.5; 190.9-194.2; 208.1-210.5; at 143-151 disseminated Pyrrhotite, definitely minor, less than 1% of section; other than this, only some Pyrite plates in fissure at 184-185.</u>			22.0' - 49° 77.0' - 60° 123.0' - 54° 172.0' - 64° 213.0' - 49° 263.0' - 66° 277.0' - 48°
298.0		END OF HOLE.			

NOTES: (a) It is difficult to discern a conductor, unless a wet plane alongside one of the granitic dykes caused response.

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Hole No. 11

Latitude Bearing North Page 1
 Departure Dip 45°, at 240' 56°
 Location 9-70S on Line G, Area A, Zone F Length 244.0' Core Size
 Elevation Started May 14/59 Completed May 17/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	10.0	CASING.			
10.0	73.7	<u>Impure Quartzite; micaceous; banding indistinct; at 24.5-25.6 fine-texture gabbro dyke; mica pronounced from 10-35.5, thence less evident.</u>			17.0' - 39° 62.0' - 42°
73.7	118.5	<u>Gabbro; 74.1-75; 77.1-78, quartzite fragments.</u>			
118.5	178.4	<u>Impure Quartzite; granite-soaked 118.5-144.5; 154-178.4 becomes more gneissic in appearance; some sections chlorite visible.</u>			168.0' - 42°
178.4	187.1	<u>Pink Pegmatite.</u>			
187.1	191.3	<u>Feldspar, mica, hornblende, gneiss; probably a fragment feldspar, mica, hornblende, gneiss.</u>			
214.8	244.0	<u>Impure Quartzite; banded, mica, hornblende, chlorite; at 240.5-242.2 pink Pegmatite dyke.</u>			227.0' - 38°
244.0		END OF HOLE.			

NOTES: 22.9-23.1 fine-textured Gabbro dyke, as the one noted 24.5-25.6.

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Hole No. 12

Latitude **TO FOLLOW** Bearing North Page 1

Departure Dip 45°, at 210' 58°

Location 150S on Line K, Area E Length 210.0' Core Size

Elevation Started May 18/59 Completed May 21/59

FROM TO FORMATION SAMPLE NO LENGTH FT. Inclusion of Banding to Core Axis

0.0	10.0	CASING.		
10.0	66.9	<u>Impure Quartzite</u> : graphitic throughout; Pyritized, blebs, plates, seams - minor, less than 4%; siliceous sections relatively free of graphite as follows - 15.8-16.5; 17.1-18.9; 38.4-39.5; 45.5-46; 60-63; this section so described simply because it differs from succeeding in that core is relatively solid, intact, and that it is predominately quartzite as opposed to next.		38.0' - 50° 61.2' - 45°
66.9	155.2	<u>Graphite shear</u> : core a fragmental shambles; some Pyrite, similar above section - typical of occurrence in such graphite shears; a few sections as follow of white feldspar and hornblende, Pyrrhotized - 77-78.1; 91-93; 107.5-108.5; 123-214.5; 130.5-132; 134.5-135.5; 142-143; otherwise a few quartzite sections which have held together.		116.5' - 44° 145.1' - 51° 151.5' - 46°
155.2	174.9	<u>Graphitic Quartzite</u> , with the following sections Muscovite-heavy Pegmatite - 158.5-162; 163.4-163.9; 164.6-165; 165.5-167.5; 168-168.5; 170-174.9 with fragment graphite at 172.8-173.		153.0' - 51°
174.9	183.0	<u>Graphite</u> , pyritized.		176.2' - 34°
183.0	210.0	<u>Impure Quartzite</u> ; graphitic throughout; a granitized section 196.8-198.		
210.0		END OF HOLE.		

NOTES: (a)End 10.0' of hole placed in 0-25 feet Tray.
(b)Conductor Graphite shear.

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Hole No. 13

Latitude Bearing North Page 1
 Departure Dip 40°, at 320' 49°
 Location Q74S on Line F18, Area A Length 335.0' Core Size
 Elevation Started May 23/59 Completed May 25/59

FROM	TO	FORMATION	SAMPLE NO	LENGTH FT.	Inclination of Banding to Core Axis
0.0	5.0	CASING.			
5.0	54.1	<u>Feldspar, hornblende, mica, quartz, gneiss</u> ; few scattered mica bands up to ½" in width; hornblende bands up to 2" width; imparting feldspar and quartz bands up to 0.2', generally ½"; this is predominantly a feldspar, hornblende, gneiss, Some chloritization of hornblende in sections; at 16.5 a ½" chlorite band with scattered Chalcopyrite, poor.		16.0' - 40° 36.0' - 43° 56.0' - 53°	
54.1	81.9	Gabbro dyke, containing few blebs Pyrrhotite along margins; non-conformable.			
81.9	109.5	<u>Feldspar, hornblende, mica, gneiss</u> ; composed bands feldspar-hornblende gneiss up to 3.5' in width and bands feldspar-mica gneiss up to 2.0' in width; the hornblendic bands mildly porphyroblastic, the porphyroblasts being quartz and feldspar; occasional ½" band mica in the hornblendic bands; at 65.2-65.3 white quartz stringer; at 56.5 few blebs Chalcopyrite, minor; at 57.0 blebs Pyrrhotite, also minor.		67.0' - 56° 81.0' - 48°	
109.5	134.2	<u>White Pegmatite</u> ; garnetiferous; some Muscovite.			
134.2	183.0	<u>Feldspar, hornblende, mica, gneiss</u> ; 134.2-151.9 feldspar, hornblende, mica, gneiss; thence bands feldspar-hornblende, mica, gneiss up to 5.0' in width and bands feldspar-mica gneiss up to 3.0' in width; at 152.1-152.2 massive Pyrrhotite band, preceded at 152.0 by a ½" similar band;		146.0' - 43° 161.0' - 54°	

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Hole No. 13

Page 2

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POOR QUALITY ORIGINAL

TO FOLLOW

Latitude Bearing
 Departure Dip
 Location Length Core Size
 Elevation Started Completed

FROM TO FORMATION SAMPLE NO LENGTH FT. Inclination of Banding to Core Axis

167.1-168.4 a feldspar-mica section containing disseminated Pyrrhotite and Pyrite, about 5%; at 142.6-143.1, 145.1, 164, white Pegmatite dykes.

183.0 188.9 Iron Formation; fine-grained medium-banded Magnetite, silica, hornblende (chloritized). 186.0' - 37°

188.9 208.6 Feldspar-mica, and feldspar, mica, hornblende, gneiss, with the following sections Iron Formation similar that preceding - 194.6-197.1, 198-198.8, at 200.5, 202, 202.9, 2" bands, 203.2-207; some garnet development; Pyrrhotite and Pyrite disseminated in gneissic sections, very minor - less than 2%. 201.0' - 56°

208.6 231.1 Iron Formation; fine-grained, medium-banded Magnetite and silica, toward margins minor hornblende; 229-229.6 Pegmatite dyke, 6" either side hornblende, mica schist; 131.4-131.5 chlorite; 226.0' - 38°

231.1 275.6 Feldspar, hornblende, mica, gneiss; chloritized; mica very minor member; imparting bands feldspar and quartz up to 0.1' in width; the following pegmatite dykes - 237.1-239.9, 265.6-266; 267.7-269.5; at 244.8-246.2 Iron Formation, very sparse, poor. 246.0' - 70°
 260.5' - 48°

275.6 335.0 White Pegmatite; Muscovite; some Garnets; hornblende crystals scattered.

335.0 END OF HOLE.

NOTES: (a) re 134.2-183.0 the massive Pyrrhotite at 152.1-152.2 is in all likelihood the electro-magnetic Conductor.

