

PROPERTY RESID LOT 50

DIAMOND DRILL RECORD

SHEET NUMBER 1TOTAL DEPTH 652.0'

CO-ORDINATES COLLAR

Dip

HOLE NUMBER 61-30

Tube Edg.

Corrected Edg.

LOCATION NE FOUNDLANDLAT. 24° 15' S of 116° 25' W DEP. 7380' ± R.L. #3

100'

51° 37' 30"

44° 15' 00"

200'

51° 22' 30"

44° 00' 00"

300'

51° 00' 00"

43° 30' 00"

400'

51° 00' 00"

43° 30' 00"

500'

51° 00' 00"

43° 30' 00"

600'

51° 00' 00"

43° 30' 00"

LOGGED BY A. Mathien

ELEVATION COLLAR _____

DATE BEGUN June 24/61BEARING N-56°-EDATE FINISHED July 11/61ANGLE -45°

Core Recovery 95% Lost water at 206'

LOG FORM NO. 1

20' casing left in hole

DESCRIPTION

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
0.0	20.0'				CASING: 5' overburden; mainly gravel and sand. From 5' to 20' andesite, dark green, fine grained, somewhat foliated at 45° to core and chloritized and silicified. Main fracturing at 45° to core. Less than 1% Py., odd specks of Cp. Lost core at 16.4-17.5' and 18.9-19.8'.
20.0	21.6				ANDESITE: As above.
21.6	22.7				LOST CORE
22.7	26.0	3.3	0131		ANDESITE: Slightly more silicified. Disseminated Sulfides; 5% Py. and about 1 to 2% Po-Cp. At 25.3', 1 1/2" of 15% Sp.
26.0	33.5				ANDESITE: Greyish green, aphanitic, silicified and chloritized. Foliation at 50° to core at 30'. Between 23.0' and 29.0' 5% Py and -1% Po-Cp.
33.5	35.4				PORPHYRITIC SYENITE DYKE: Greenish grey, aphanitic matrix with dark green to black phenocrysts (1/16" in diameter), probably hornblende.
35.4	41.5				ANDESITE: As above. Somewhat foliated in places at 60° to core. Contact with above dyke irregular. Disseminated sulfides less than 1% Py-Po.
41.5	43.0'	1.5	0132		ANDESITE: 1 to 2% Cp, 3% Py-Po.
43.0	43.0				ANDESITE: As previously described.
43.0	50.0	2.0	0133		ANDESITE: 5% Py-Po. and 1% Cp. Foliation at 70° to core.
50.0	55.0	5.0	0134		ANDESITE: As above
55.0	60.0	5.0	0135		ANDESITE: As above. Mineralization is along the foliation.

PROPERTY MSID LOT 53

DIAMOND DRILL RECORD

SHEET NUMBER 2HOLE NUMBER 61-30

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
60.0	71.2				<u>FELDSPAR PORPHYRY</u> : Greyish green, fine grained matrix with 1/7" to 1/4" pink and white feldspar phenocrysts. Grade into a syenite dyke at 71.2'.
71.2	73.5				<u>DIORITE PORPHYRY</u> : Gray, aphanitic matrix with minute phenocrysts of white feldspar and hornblende.
73.5	94.1	9			<u>ANDESITE</u> : Light green to dark green, aphanitic, silicified, somewhat foliated at 50% to core. Between 78.5' and 87.0' the rock is strongly silicified.
94.1	95.3				<u>SYENITE PORPHYRY</u> : As above. Contact with above andesite irregular (trend $\pm$ parallel to core).
95.3	99.4				<u>ANDESITE</u> : Gray, aphanitic, silicified.
99.4	100.4				<u>SYENITE PORPHYRY</u> : As previously described. Contact with above andesite at 23' to core.
100.4	102.6				<u>ANDESITE</u> : As previously described. Foliation 40° to core. Between 100.6' and 101.0', 5% disseminated Py-Po. and specks of Cp. along foliation.
102.6	103.6				<u>SYENITE PORPHYRY</u> : Contact with above andesite irregular (average 5° to 10° to core).
103.6	104.2				<u>ANDESITE</u> : Mottled appearance.
104.2	110.0				<u>DIORITE</u> : Gray, fine grained and equigranular with porphyritic phase at top and bottom contact. Contact with above andesite at 30° to core.
110.0	113.0	3.0	0136		<u>ANDESITE</u> : Gray, aphanitic, silicified rock. Foliation at 60° to core. Disseminated sulfides along foliation; 5% to 10% Py., 1% to 2% Po. and $\pm$ 1% Cp.
113.0	116.0	3.0	0137		<u>ANDESITE</u> : As above.
116.0	119.0				<u>DIORITE</u> : Gray, fine grained with a porphyritic phase at

PROPERTY REID LOT 5C

DIAMOND DRILL RECORD

SHEET NUMBER 3HOLE NUMBER cl-30

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					at contacts. Bottom contact at 10° to core. Cubic Py.
119.0	122.5	3.5	0138		<u>ANDESITE</u> : Foliation at 50° to core. 5%-10% Py., 1-2% Po. and 1% Cp. along foliation.
122.5	126.0	3.5	0139		<u>ANDESITE</u> : As above.
126.0	129.5				<u>ANDESITE</u> : As above. Less than 1% sulfides, mainly Py.
129.5	130.5	1.0	0140		<u>ANDESITE</u> : As above. 5-10% Py, 1-2% Po. and 1% Cp. along foliation.
130.5	135.6				<u>ANDESITE</u> : Grey, aphanitic, evenly foliated at 60° to core and intense silicification.
135.6	136.6				<u>SYENITE PORPHYRY</u> : Grey to greenish grey, aphanitic matrix with minute feldspar phenocrysts. Contact with above irregular. Cubic Py.
136.6	150.4				<u>ANDESITE</u> : As above. Contact with above porphyry at 65° to core. Foliation 65° to core. Less than 1% Py-Po. disseminated along foliation.
150.4	155.5				<u>DIORITE</u> : As previously described. Contact with above andesite at 70° to core.
155.5	162.4				<u>ANDESITE</u> : Grey, aphanitic, silicified and foliated at 70° to core. Minute dragfolding at 157.7'. Contact with above diorite at 55° to core. 2-3% Py-Po.
162.4	174.2				<u>DIORITE</u> : Grey, fine grained, equigranular, Cubic Py.
174.2	175.0				<u>ANDESITE</u> : As previously described. Contact with above diorite irregular (trend 110° to core)
175.0	176.0				<u>DIORITE</u> : As above.
176.0	176.3				<u>ANDESITE</u> : As previously described. Foliation 70° to core. Contact with above diorite 10° to core. Disseminated sulfides along foliation; 5% Py-Po. and 1 to 2% Cp.

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DIAMOND DRILL RECORD

SHEET NUMBER

4

HOLE NUMBER

61-30

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM:	TO	LENGTH			
176.3	178.3	2.0	0141		<u>ANDESITE</u> : As above. 5% Py-Po. and 1 to 2% specks Cp.
178.3	179.4				<u>DIORITE</u> : As above. Contact with above andesite at 10° to core.
179.4	181.5	2.1	0142		<u>ANDESITE</u> : As above. 5% Py-Po. and 1 to 2% specks Cp.
181.5	183.5				<u>DIORITE</u> : As above. Contact with above at 30° to core.
183.5	191.3				<u>ANDESITE</u> : Greyish green, aphanitic, silicified and chloritized. Foliation at 35° to core. 2% Py-Po. and specks Cp. disseminated along foliation.
191.3	192.6				<u>DIORITE</u> : As above. Contact with above andesite at 70° to core.
192.6	193.4				<u>SYENITE PORPHYRY</u> : As previously described. Contact with above diorite at 50° to core.
193.4	196.2				<u>DIORITE</u> : As above. Contact with porphyry at 15° to core.
196.2	198.0				<u>LOST CORE</u>
198.0	202.4				<u>DIORITE</u> : As above.
202.4	205.3				<u>ANDESITE</u> : Whitish grey, aphanitic and intensely silicified. Foliation at 65° to core. 1 to 2% disseminated Py-Po. along foliation.
205.3	209.0				<u>DIORITE</u> : As above. Contact with above at 35° to core.
209.0	209.9				<u>SYENITE PORPHYRY</u> : As previously described. Contact with above diorite at 20° to core.
209.9	220.8				<u>DIORITE</u> : As previously described. Contact with porphyry irregular (average 5° to core) between 213.5' and 215.2' a porphyritic phase edged with andesite.
220.8	221.5				<u>FELDSPAR PORPHYRY</u> : Dark grey, fine grained matrix with small white feldspar phenocrysts. Contact with above at 40° to core.
					Minor Py.

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DIAMOND DRILL RECORD

SHEET NUMBER 5HOLE NUMBER 61-30

Core Log No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
222.5	225.3				<u>DIORITE</u> : As above. Contact with above at 40° to core.
225.3	226.7				<u>ACID LAVA</u> : Whitish grey, aphanitic, silicification in places. Contact with diorite at 35° to core. Minor Py.
226.7	229.3	2.6	0143		<u>ANDESITE</u> : Greenish black, aphanitic, well foliated at 70° to core. Silicification and chloritization. Contact with above 70° to core. 5% Py, 1% Po. and about some Cp-Sp. along foliation.
229.3	236.2				<u>ANDESITE</u> : Dark green, aphanitic,, massive. Finely diss. Py.
236.2	238.7				<u>DIORITE</u> : Dark green to black, very fine grained. Contact with above andesite at 30° to core and porphyritic.
238.7	239.9				<u>FELDSPAR PORPHYRY</u> : Dark green to black, aphanitic matrix with white feldspar phenocrysts. Contact with above at 15° to core.
239.9	240.4				<u>DIORITE</u> : As above. Porphyritic margins. Contact with above at 10° to core.
240.4	241.0				<u>FELDSPAR PORPHYRY</u> : As above. Contact with above at 140° (40°) to core.
241.0	244.3				<u>DIORITE</u> : As above. Porphyritic contacts. Upper contact at 30° to core. Cubic Py.
244.3	247.4				<u>FELDSPAR PORPHYRY</u> : As above. Upper contact at 70° to core. Cubic Py.
247.4	249.3				<u>DIORITE</u> : As above. Upper contact at about 50° to core. Cubic Py.
249.3	251.0				<u>ANDESITE</u> : Greenish grey, aphanitic, intensely silicified Minor Py.
251.0	252.0	1.0	0144		<u>ANDESITE</u> : Greyish green, aphanitic, silicified and chloritized. Foliation at 60° to core. 5-10% Py-Po. With 2-3% Cp.

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DIAMOND DRILL RECORD

SHEET NUMBER 6HOLE NUMBER 61-30

TICKET NO. _____

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					along foliation. At 251.5", 1" of massive Fo. with 10% Cp. The Fo. is magnetic.
251.0	252.4				<u>ANDESITE</u> : As above. Less than 1% sulfides mainly Py-Fo.
252.4	273.0				<u>DIORITE</u> : Dark green, fine grained, equigranular. Slightly epidiotized in places.
273.0	281.4				<u>ANDESITE</u> : Greyish black, aphanitic, somewhat foliated at 50° to core in places.
281.4	282.7				<u>LOST CORE</u>
282.7	283.9				<u>ANDESITE</u> : As above.
283.9	290.8				<u>LOST CORE</u>
290.8	299.9				<u>ANDESITE</u> : As above.
299.9	306.3				<u>ANDESITE</u> : Whitish grey to greyish black, aphanitic, highly silicified. The rock appears foliated (75° to core) and contorted.
306.3	315.4				<u>DIORITE</u> : As previously described. Some sections show porphyritic lenses parallel to the core.
315.4	316.1				<u>FELDSPAR PORPHYRY</u> : Contact with above at 35° to core.
316.1	317.0				<u>LOST CORE</u>
317.0	318.3				<u>FELDSPAR PORPHYRY</u> : Lower contact at 45° to core.
318.3	324.1				<u>DIORITE</u> : As previously described.
324.1	326.9				<u>ACID VOLCANICS</u> : Gray, aphanitic, some silicification.
326.9	328.2				<u>DIORITE</u> : Contact with above 35° to core.
328.2	349.3				<u>ACID VOLCANICS</u> : Pinkish grey, aphanitic, slight foliation at 50° to core. Some silicification. Somewhat porphyritic in places. Pink and white feldspar phenocrysts 1/16" to 1/8" in diameter. Good specks of Py.
349.3	351.0				<u>DIORITE</u> : As previously described.

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DIAMOND DRILL RECORD

SHEET NUMBER 7HOLE NUMBER 61-20

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
353.0	361.4				<u>ACID VOLCANICS</u> : Pinkish to greenish grey, aphanitic. Foliation varies from 50° to 90° to core. Some silicification.
361.4	362.3				<u>DIORITE</u> : As above.
362.3	362.4				<u>ACID VOLCANICS</u> : As above. Contact with above at 50° to core.
363.4	385.3				<u>DIORITE</u> : Upper contact at 60° to core.
385.3	399.3				<u>ACID VOLCANICS</u> : Greenish grey, aphanitic, slightly foliated at 70° to 90° to core and drag folded. Porphyritic in places. Between 393.2 and 399.3° rock appears brecciated.
399.3	424.7				<u>ACID TO INTERMEDIATE VOLCANICS</u> : Greyish green, aphanitic, foliation 60° to 75° to core. Some silicification, chloritization and epidotization. The rock is well fractured in places. The fractures are filled with pink feldspar and quartz mainly. Specks of Py.
424.7	437.8				<u>ANDESITE</u> : Dark green to black, aphanitic, well foliated at 50° to 70° to core. Silicification, chloritization & slight epidotization and carbonatization. Between 424.7° and 426.2° feldspathization along foliation. From 436.8 to 437.8° less than 1% Py. along foliation.
437.8	443.1				<u>FELDSPAR PORPHYRY</u> : As previously described. Some epidotization. Contact with above andesite at 50° to core.
443.1	445.0				<u>DIORITE</u> : Contact with above at 60° to core.
445.0	448.0				<u>FELDSPAR PORPHYRY</u> : As above.
448.0	459.6				<u>ANDESITE</u> : As above. Foliation at 70° to core. Stringers of carbonate and quartz material.
459.6	479.3				<u>DIORITE</u> : As above. Scattered specks of Py. Between 462.1° and 464.2° the diorite edges the andesite.
479.3	489.7				<u>ANDESITE</u> : Greyish green, aphanitic, foliated at 60° to 90°.

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DIAMOND DRILL RECORD

SHEET NUMBER

3

HOLE NUMBER

51-30

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					to core. Somewhat silicified and epidotized. At 459.6' rock becomes granitised.
459.9	492.7				<u>GRANITE</u> : Pink, medium to coarse grained, equigranular composed mainly of quartz and pink and white feldspar. About 1% biotite and hornblende. Finer grains at lower contact.
429.7	517.3				<u>FELDSPAR PORPHYRY</u> : Dark green, fine grained dioritic matrix with white feldspar phenocrysts up to 1/7" in diameter.
					Chilled contacts. Contact with above granite at 10° to core.
517.8	522.9				<u>GRANITE</u> : Salmon pink, coarse grained rock as previously described. Contact with above 5° to core.
522.9	526.0				<u>DIORITE</u> : Dark grey, fine grained, equigranular. Cubic Py. Contact with above at 35° to core.
526.0	529.9				<u>GRANITE</u> : As above. Upper and lower contacts at 30° to core.
529.9	531.4				<u>FELDSPAR PORPHYRY</u> : As previously described.
531.4	531.7				<u>GRANODIORITE DIKELET</u> : Contacts at 35° to core.
531.7	534.0				<u>DIORITE</u> : As previously described. Lower contact irregular.
534.0	535.5				<u>GRANITE</u> : As above
535.5	538.7				<u>FELDSPAR PORPHYRY</u> : Grey, fine grained matrix with small 1/32" to 1/16" phenocrysts of white feldspar. Contact with above 25°
538.7	540.2				<u>GRANITE</u> : As above.
540.2	543.9				<u>FELDSPAR PORPHYRY</u> : As above. Contact with above 10° to core.
543.9	545.3				<u>DIORITE</u> : As previously described. Contact with above porphyry at 55° to core.
545.3	546.3				<u>FELDSPAR PORPHYRY</u> : As above. Contact with above diorite 10° to core.
546.3	554.5				<u>DIORITE</u> : As above. Contact with above porphyry at 20° to core.

[illegible]

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY		DESCRIPTION				
FROM	TO	LENGTH		<u>Au. (oz.)</u>	<u>Ag. (oz.)</u>	<u>Cu. %</u>	<u>Pb. %</u>	<u>Zn. %</u>	<u>Ni. %</u>	
22.7	26.0	3.3	0131			0.08		Tr.		
41.5	43.0	1.5	0132			0.07				
43.0	50.0	2.0	0133	nil		0.08				
50.0	55.0	5.0	0134	nil		0.07				
55.0	60.0	5.0	0135	nil		0.05				
110.0	113.0	3.0	0136	nil		0.05				
113.0	116.0	3.0	0137	nil		0.10				
119.0	122.5	3.5	0138	nil		0.10				
122.5	126.0	3.5	0139	nil		0.07				
129.5	130.5	1.0	0140	nil		0.07				
176.3	179.3	2.0	0141	nil		0.27				
179.4	181.5	2.1	0142	nil		0.15				
226.7	229.3	2.6	0143			0.10		Tr.		
251.0	252.0	1.0	0144	0.005		0.65			0.14	