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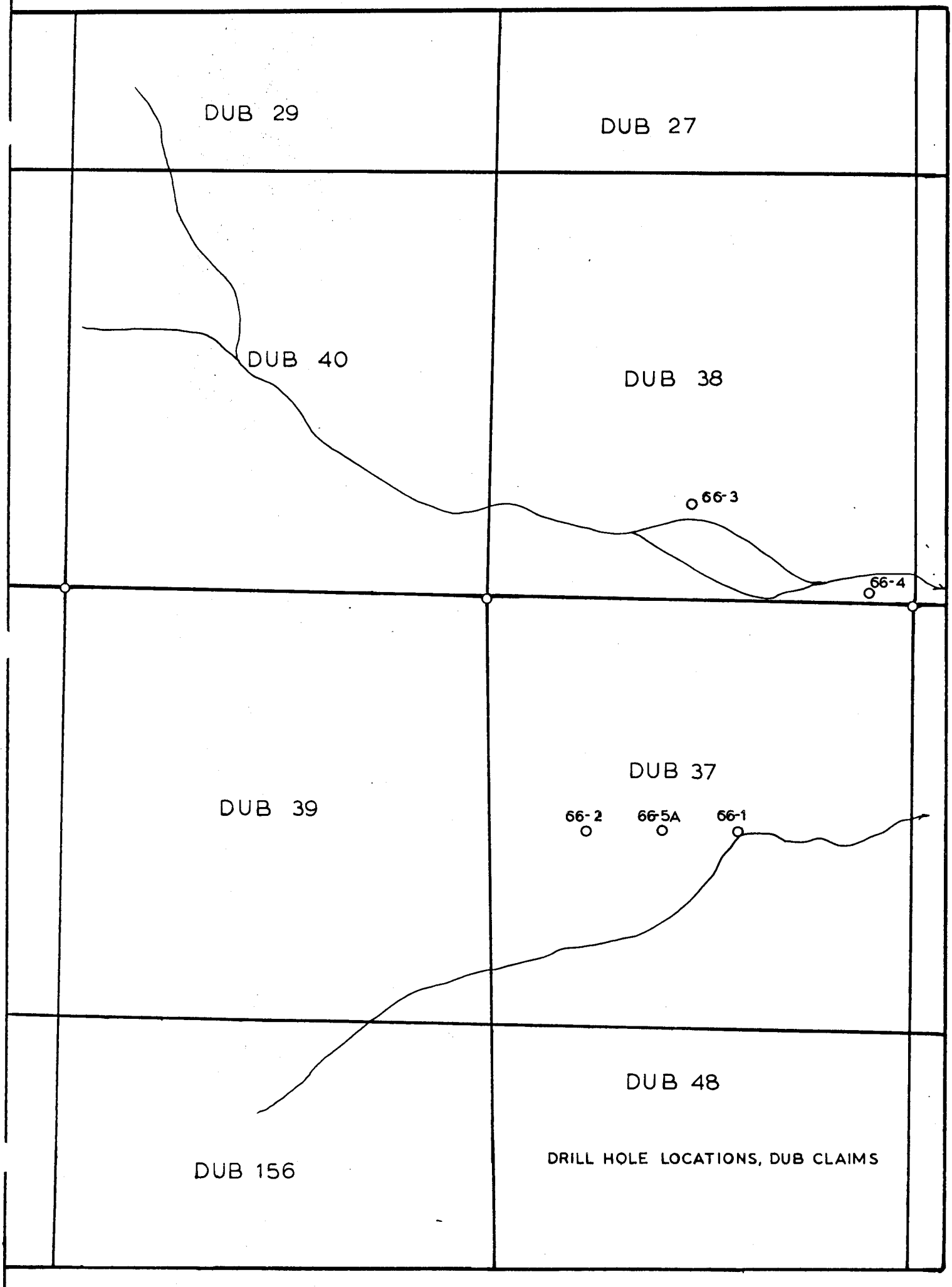
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DRILL HOLE LOCATIONS, DUB CLAIMS

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SUMMARY

During October and November of 1966 a diamond drill program, during the course of which 5 holes were drilled, was carried out by Atlas Explorations Limited on the DUB claims in a cirque north of Fire Lake, Y. T.

A magnetite rich horizon averaging about .5% copper was encountered in three of the holes. This is thought to be a flat lying band of gneissic and/or schistoze rock replacing the quartz-chlorite schist which underlies the floor of the cirque.

Although assay values are not high, not all anomalous areas have been tested and no control for the mineralization has yet been found. Further drilling is recommended on untested geophysical anomalies and to determine the relationship between the mineralization and an overlying unit of mica and sericite schists.

INTRODUCTION

Location

The DUB property is situated north and east of Fire Lake, Yukon, on claim sheets 105 G-1 and 2 and consists of 167 contiguous claims. It is held by Atlas Explorations LImited of 355 Burrard Street, Vancouver, B.C., in whose interest it was staked during the spring and summer of 1966.

Previous Work

During March and April of 1966 a regional airborne EM and Mag Survey was carried out for Atlas Explorations by Lockwood Survey Corporation of Toronto, Ontario. This work outlined a number of interesting geophysical anomalies, one of which has been called the DUB II anomaly. Situated in a cirque about three miles north of the mid-part of Fire Lake, the DUB II anomaly consists of a south-easterly trending zone of high magnetic and electromagnetic values. It had been examined during the summer of 1960 by Cassiar Asbestos Corporation who made geophysical and geological surveys of the area, but during July of 1966 a new grid was cut and a second study was undertaken by Atlas Explorations. A grid was cut using a 7600 foot base line striking at 340^{o} with cross lines every 800 feet except in the anomalous area where 400' and 200' spacings were used.

Geophysical surveys using a Crone EM unit and a Jalander Magnetometer, a copper-lead-zinc geochemical soil sampling survey, and geological mapping were all carried out.

Good copper geochemical values in stream and soils were detected and the magnetometer and EM anomalies located by Cassiar were reaffirmed and, in some cases, extended. Geological mapping indicated that the anomaly was caused by a sulphide bearing horizon associated with an area of quartz-chlorite schist. As favourable but inconclusive results had been obtained from the Cassiar drill program in 1960, it was decided to expand upon these and test previously unexplored areas with another drill program in the fall of 1966.

DIAMOND DRILLING

During September 1966 a contract was let with A. Arsenault Diamond Drilling of Vancouver and a BBS-1 wire line diamond drill was moved to the property. A camp was erected in the cirque north of Fire Lake and drilling began on October 4th, 1966.

A total of 1934 feet was drilled by mid-November 1966 when cold weather forced the termination of the project. Five holes were completed, although six were started. Hole 66-5 was lost when the casing was broken

while still in overburden.

Drill core is stored in a rack located about 200 feet west of the base line at about 1+00 N.

The drill and camp was moved to the site from Fire Lake by helicopter. In addition, all supply trips and all but two drill moves were done by helicopter chartered from Ross River.

Pertinent information on each hole is given below:

DDH 66-1 was located at 4+00 N, 9+50 E and reached a depth of 615 feet. Sulphide mineralization was encountered in the interval between 31 and 55 feet. Average grade was Cu .225, Au Tr., Ag .22 oz/ton over 24 feet. Highest copper values fell in the 9 foot interval between 31 and 40 feet. Average grade here was .76% Cu.

DDH 66-2 was located at 4+00 N, 14+70 E and went to a depth of 397 feet without encountering any significant mineralization.

DDH 66-3 was located at 7+00 S, 11+50 E and is 223 feet deep. Sulphides were encountered in the 41 foot interval between 53 and 94 feet. Average grades were Cu .81%, Au .005 oz/ton, Ag .15 oz/ton. Additional mineralization occurs over 10 feet from 121 to 131 feet where grades were Cu .69%, Au Tr., Ag .12 oz/ton,and over the 8 foot interval between 157 and 165 feet where grades were Cu Tr., Au Tr.,

Ag .13 oz/ton.

DDH 66-4 was located at 4+00 S, 5+50 E and reached a depth of 413 feet without encountering mineralizaiton.Casing was left in this hole in case additional stratigraphic information justifies deepening it.

DDH 66-5 was drilled at 4+00 N 12+00 E to a depth of 52 feet where it was stopped and lost by a break in the casing while still in overburden.

DDH 66-5A was drilled from the same setup as DDH 66-5 and reached an ultimate depth of 234 feet. Mineralization occurs over 14 feet between 53 and 67 feet and grades Cu Tr., Au Tr., Ag .18 oz/ton; over 5 feet between 75 and 80 feet grading Cu Tr., Au Tr., Ag .20 oz/ton; over 2 feet between 87 and 89 feet grading Cu Tr., Au Tr., Ag 12 oz/ton; over 2 feet between 117 and 119 feet grading Cu Tr., Au Tr., Ag .18 oz/ton; over three feet between 135 and 138 feet grading a trace of Cu Au and Ag; over 19 feet between 140 and 159 feet with an average grade of Cu Tr., Au Tr., and Ag .13 oz/ton.

DRILL LOGS

DIAMOND DRILL RECORD,

HOLE NO. 66 66-1

PROPERTY DUB 2

SHEET NUMBER 1 SECTION FROM 0' TO 45' STARTED October 4,1966.

LATITUDE DATUM 4N 9+50E COMPLETED October 8, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 615

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	AU.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0 -31	Nil	Overburden									
31-36	95%	Banded light & dark grey quartz-chlorite-	Y-101	5	0.14	0.45	Tr.				
36-40		magnetite schist with disseminated chal-	Y-102	4	0.42	0.58	Tr.				
		copyrite, minor pyrite, and pyrrhotite.									
		Composition: Quartz 40%, magnetite									
		25-30%, chlorite 20-25%, biotite 5-10%,									
		sulphides > 5% (2 to 3% chalcopyrite).									
		Schistosity 80° to 90° to core axis.									
		Contorted from 39' to 40'.									
40-45	95%	Banded quartz-chlorite-magnetite	Y-103	5	0.22	0.16	Tr.				
		schist as above but with lower sulphide									
		content (est. <1% chalcopyrite)									
		Core angle: 80°.									

DIAMOND DRILL RECORD,

HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 2 SECTION FROM 45 TO 66 STARTED October 4, 1966.

LATITUDE DATUM COMPLETED October 8, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 615

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	Au. ~~2Rx~~	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
45-52	95%	Chlorite-quartz-magnetite schist	Y-104	7	0.24	Tr.	Tr.				
52-55		with sparse disseminated pyrite. Similar	Y-105	3	Tr.	0.01	Tr.				
		to above but less magnetite. Cut									
		by bands of white quartz.									
		Serpentinized in places and may									
		contain talc. Core angle 80° to 90°.									
55-58	0%	Lost core.									
58-61	30%	Banded magnetite-chlorite-quartz									
		schist as 31' to 40'. Grey colour.									
61-66	20%	Green chlorite schist fragments.									
		Faintly magnetic.									

DIAMOND DRILL RECORD,

HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 3 SECTION FROM 66 TO 114 STARTED October 4, 1966.

LATITUDE DATUM COMPLETED October 8, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 615

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
66-96	90%	Banded grey, green, and white quartz-chlorite schist. Intermittent bands of white quartz up to 1 inch thick. Contorted 67' to 76' & 93'-96'. Core angle: 50° to 60° from 66' to 76'; 90° from 76' to 93'.									
96-99	95%	Rock type similar to above but contains more (60-70%) chlorite. Core angles: 60 to 80° from 96' to 106'.									
99-100	95%	Rock as above but slightly magnetic.									
100-106	0%	Lost core.									
106-114	90%	Rock as above. Magnetic at 107'. Core angle 106' to 114'; 80° to 90°.									

DIAMOND DRILL RECORD,

HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 4 | SECTION FROM 114 TO 263 | STARTED October 4, 1966.

LATITUDE | DATUM | COMPLETED October 8, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 615

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
114-263	90%	Quartz-chlorite schist as in interval from 66' to 96'. Some serpentine present on fracture surfaces. Core angle 80° to 90° from 114' to 142'; 60° to 80° 142' to 200'; 90° 200' to 224'; 60° to 70° from 224' to 269'; 70° to 90° 270' to 306'. Contorted at 168', 184', 190', and from 269' to 270'. Composition of rock is about 50% quartz and 50% chlorite with local variations. Thin (± 1/8") bands of brown mica (phlogophite?) occur intermittently.									

DIAMOND DRILL RECORD,

HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 5 SECTION FROM 263 TO 383 STARTED October 4, 1966.

LATITUDE DATUM COMPLETED October 8, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 615

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	Au	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
263-274	90%	Rock similar to above (114'-263')									
		but higher in chlorite; up to 75%.									
274-317	100%	Chlorite-quartz schist as in 114'-263'.									
317-383	100%	Quartz-chlorite-mica schist composed of about 75% quartz and 25% chlorite and brown mica. Rock is in gradational contact from about 317 to 323 with the chlorite-quartz schist above. Core angle 60° to 80°. Contorted at 328', 360 and 370'.									

DIAMOND DRILL RECORD,

66 1
HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 6 SECTION FROM 383 TO 441 STARTED October 4, 1966.

LATITUDE _____ DATUM _____ COMPLETED October 8, 1966.

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 615

ELEVATION _____ DIP 90° PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
383-388	100%	Gradational contact between quartz-chlorite-mica schist (above) and banded quartz-chlorite schist below. Core angle 60°.									
388-432	100%	Banded-quartz-chlorite-schist as 114'-263'. Core angle: 50° - 70°.									
432-441	100%	Quartz-chlorite-mica schist. Composed of about 40% each of quartz and chlorite and 20% brown mica. Core angle: 90° from 432 to 436 and 60° from 436 to 441.									

66 1

DIAMOND DRILL RECORD,

HOLE NO. 66-1

PROPERTY DUB 2

SHEET NUMBER 7 SECTION FROM 441 TO 615 STARTED October 4, 1966.

LATITUDE DATUM COMPLETED October 8, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 615

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
441-615	95%	Chlorite-mica schist with up to 20% quartz in gradational contact with quartz-chlorite-mica schist above. Contortion at 452' and at both 566' to 567' and 573' to 579' where it is cut by carbonate veins. Core angles are 60° from 441' to 456'; 80° from 456' to 470'; 60° from 470' to 545'; 80° to 90° from 545' to 563'; 50° to 60° from 563' to 573'; 90° from 579' to 611'; 0° at 612' where a possible fold axis occurs; 60° from 613' to 615'.									
615		BOTTOM OF HOLE.									

66 2

DIAMOND DRILL RECORD,

HOLE NO. 66-2

PROPERTY DUB 2

SHEET NUMBER 1 SECTION FROM 0' TO 148' STARTED October 13, 1966.

LATITUDE DATUM 4N 14+70E COMPLETED October 16, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 397'

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0 -35	Nil	Overburden									
35-142	95%	Banded quartz-chlorite schist with minor biotite and sparsely disseminated pyrite. Fine grained and cut by intermittent bands of white quartz. Schistosity 60° to core axis 35' to 73'; 90° from 73' to 76'. Contorted at 70', 76', 122', and from 137' to 139'.									
142-147	95%	Brecciated quartz chlorite schist with angular fragments of white quartz up to ¼" across. Cut by fine quartz veins.									
147-148	100%	Banded quartz chlorite schist with schistosity at 30° to core axis.									

66 2

DIAMOND DRILL RECORD,

HOLE NO. 66-2

PROPERTY DUB 2

SHEET NUMBER 2 | SECTION FROM 148 TO 394 | STARTED October 13, 1966

LATITUDE | DATUM 4N 14+70E | COMPLETED October 16, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 397'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
148-150	100%	Brecciated chlorite schist as in 142 to 147'.									
150-167		Quartz-chlorite schist. Schistosity at 60° to core axis.									
167-173		Quartz-chlorite schist similar to above but containing more quartz - approx. 50%. Contorted at 171'.									
173-397		Quartz-chlorite schist with schistosity at 60° to 70° to core axis. Contorted at 232 and 242 and from 365' to 367', and 392' to 393'. Core angle 80° to 90° from 370' to 393'.									

DIAMOND DRILL RECORD,

HOLE NO. 66-2

PROPERTY DUB 2

SHEET NUMBER 3 | SECTION FROM 394 TO 397 | STARTED October 13, 1966

LATITUDE | DATUM 4N 14+70E | COMPLETED October 16, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 397'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
394-397	100%	Quartz-chlorite schist as above, but									
		containing 50% or more silica. Schistosity									
		90° to core axis.									
397		BOTTOM OF HOLE.									

66 3

DIAMOND DRILL RECORD,

HOLE NO. 66-3

PROPERTY DUB 2

SHEET NUMBER 1 | SECTION FROM 0' TO 86' | STARTED October 22, 1966

LATITUDE | DATUM 7S 11+50E | COMPLETED October 25, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 233'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0 - 46	Nil	Overburden.									
46-53	95%	Banded grey green quartz-chlorite schist.									
		Some disseminated pyrite in siliceous									
		bands. Schistosity at 80° to 90° to core									
		axis.									
53-65	95%	Banded magnetite bearing quartzite. Fine	Y-106	6	0.18	0.48	Tr.				
		grained and containing up to 15%	Y-107	6	0.16	0.46	0.005				
		disseminated sulphides. Magnetite tends									
		to form dark grey bands and comprises									
		about 25 to 30% of rock. Sulphides are									
		pyrite, pyrrhotite, and chalcopyrite (1%).									
65-86	100%	Light grey, fine grained quartzite.	Y-108	5	0.10	0.72	0.005				
		Similar to above but with less magnetite	Y 109	5	0.10	0.76	0.005				
		(10%) and indistinct, possibly relict,	Y 110	5	0.18	1.12	0.01				

66 3

DIAMOND DRILL RECORD,

HOLE NO. 66-3

PROPERTY DUB 2

SHEET NUMBER 2 SECTION FROM 86' TO 117' STARTED October 22, 1966

LATITUDE DATUM 7S 11+50E COMPLETED October 25, 1966

DEPARTURE BEARING ULTIMATE DEPTH 233'

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	xBxAu	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		banding. Disseminated sulphides comprise	Y 111	6	0.09	1.90	0.01				
		up to 20% of the rock. Chalcopyrite									
		content is about 2% to 4% of rock.									
		Core angle: 80° to 90°.									
86-94	100%	Fine grained, light grey to bluish	Y 112	4	0.21	0.61	0.01				
		magnetite bearing quartzite. Magnetite	Y 113	4	0.22	0.24	0.005				
		comprises 20% of rock. Total sulphide									
		content < 5%.									
		Core angle: 80° to 90°.									
94-117	95%	Dark green chlorite-quartz schist. No									
		sulphides. Core angle 80° from 94' to									
		104', 60° from 107' to 114'. Contorted									
		104' to 107' and from 114' to 117'.									

63 3

DIAMOND DRILL RECORD,

HOLE NO. 66-3

PROPERTY DUB 2

SHEET NUMBER 3 | SECTION FROM 117' TO 157' | STARTED October 22, 1966.

LATITUDE | DATUM 7S 11+50E | COMPLETED October 25, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 233'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	XXX Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
117-118	0%	Lost core.									
118-121	90%	Chlorite schist as above. Core angle 60°.									
121-131	80%	Fine grained quartz chlorite schist with	Y 114	3	0.02	0.87	Tr.				
		up to 5% disseminated sulphides. Possibly	Y 115	7	0.16	0.61	Tr.				
		1% chalcopyrite. Slightly magnetic. Core									
		angle about 40° except for possible fold									
		axis at 124'.									
131-132	80%	Chlorite schist gouge material.									
132-157	90%	Chlorite-quartz schist. Core angle 60°									
		from 132' to 136'; 90° from 136' to 148';									
		60° to 70° from 148' to 157'.									

66 3

DIAMOND DRILL RECORD,

HOLE NO. 66-3

PROPERTY DUB 2

SHEET NUMBER 4 | SECTION FROM 157' TO 236 | STARTED October 22, 1966

LATITUDE | DATUM 7S 11+50E | COMPLETED October 25, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 233'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	XXXAu.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
157-165	95%	Quartz-chlorite schist with disseminated	Y 116	4	0.12	Tr.	Tr.				
		sulphides; pyrite, pyrrhotite, and	Y 117	4	0.14	0.01	0.005				
		chalcopyrite, comprising up to 2% of rock.									
		Contorted from 157' to 158'. Core angles									
		60° to 80°.									
165-231	90%	Chlorite-quartz schist with serpentine									
		and brown (phlogophite) mica. Cut by									
		bands of white quartz up to 2" thick.									
		Contorted at 218'.									
231-233		White quartz vein.									
233-236		Chlorite schist.									
236		BOTTOM OF HOLE.									

DIAMOND DRILL RECORD,

HOLE NO. 66-4

PROPERTY DUB 2

SHEET NUMBER 1 SECTION FROM 0' TO 57' STARTED October 28, 1966

LATITUDE DATUM 4S 5+50E COMPLETED October 31, 1966.

DEPARTURE BEARING ULTIMATE DEPTH 413'

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0-23	0%	Overburden									
23-27	100%	Dark and light grey banded quartz biotite schist with sericite and possibly some graphite. Rock is very hard and contains over 50% quartz. Core angle 60° to 80°.									
27-44	100%	Quartz mica schist with sparsely disseminated pyrrhotite and occasional specks of chalcopyrite. Composed of 75% quartz with remainder brown mica, sericite, biotite and chlorite.									
44-57	100%	Quartz mica schist as in 23' to 27'. Core angle 90°.									

66-4

DIAMOND DRILL RECORD,

HOLE NO. 66-4

PROPERTY DUB 2

SHEET NUMBER 2 | SECTION FROM 57' TO 227' | STARTED October 28, 1966

LATITUDE | DATUM 4S 5+50E | COMPLETED October 31, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 413'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
57-65	90%	Green quartz-chlorite schist cut by bands and veins of white quartz from 1/8 inch to 1 inch wide. A few fine crystals of brownish-green mineral, possibly a pyroxene (?), occur in places. Quartz may be locally stained a bright green colour. Core angle 90°.									
65-227	95%	Quartz biotite schist as in 23' to 27'. Contorted and brecciated 67' to 70'. Core angle 90° from 70' to 76', 60° from 76' to 85', 80° from 85' to 92'. Contorted and veined by quartz from 92' to 94'; clay gouge also present. Core angle 60° from 94' to 122', 90° to 122' to 128', 70° from 128' to 133', 90° 133' to 143', 20° to 30°									

DIAMOND DRILL RECORD,

HOLE NO. 66-4

PROPERTY DUB 2

SHEET NUMBER 3 SECTION FROM 227' TO 246' STARTED October 28, 1966

LATITUDE _____ DATUM 4S 5+50E COMPLETED October 31, 1966

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 413'

ELEVATION _____ DIP 90° PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		from 143' to 151'; 60° from 151' to 152';									
		90° from 159' to 227'. Contorted and gouged									
		152' to 159'.									
227-232	100%	Foliated quartzite with thin bands of									
		mica and chlorite and containing sparsely									
		disseminated pyrite. Quartz comprises 95%									
		of rock. Core angle 90°.									
232-241	100%	Banded grey quartz-mica schist.									
		Core angle 90°.									
241-246	95%	Chlorite quartz schist. Greenish grey									
		color. Core angle 90° from 241' to 243'.									
		Contorted 243' to 244'. 70° from 244'									
		to 246'.									

DIAMOND DRILL RECORD,

HOLE NO. 66-4

PROPERTY DUB 2

SHEET NUMBER 4 | SECTION FROM 246' TO 335' | STARTED October 28, 1966

LATITUDE | DATUM 4S 5+50E | COMPLETED October 31, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 413'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
246-290	100%	Banded quartz-mica schist. Some sericite and at least 75% quartz. Core angle 90°.									
290-294	95%	Quartz-chlorite schist with clay gouge. Core angle 60°.									
294-298	100%	Banded quartz-mica schist as in 246' to 290'.									
298-326		Dark grey banded quartz-mica schist with sericite and sparsely disseminated pyrite. May also contain graphite. Core angle 80° to 90°.									
326-335		Gradational contact between units 298'-326' and 335' to 344'. Similar in									

DIAMOND DRILL RECORD,

HOLE NO. 66-4

PROPERTY DUB 2

SHEET NUMBER 5 SECTION FROM 335' TO 405' STARTED October 28, 1966

LATITUDE ____ DATUM 4S 5+50E COMPLETED October 31, 1966.

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH 413'

ELEVATION ____ DIP 90° PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		composition to above but containing more									
		quartz and less mica.									
335-344	90%	Quartz-sericite schist containing from									
		60 to 80% quartz. Fractures readily.									
		Brownish colour. Core angle about 80°.									
344-354	95%	White quartz-sericite schist with bands									
		of sericite up to 6 inches thick. Rock									
		is over 95% quartz. Core angle 80° to 90°.									
354-387	90%	Quartz-sericite schist as in 335' to									
		344'. Core angle 80° to 90°. Clay gouge									
		from 377' to 378'.									
387-405	100%	Hard, grey-brown, banded quartz-sericite-									

DIAMOND DRILL RECORD,

HOLE NO. 66 4
66-4

PROPERTY DUB 2

SHEET NUMBER 6 | SECTION FROM 405' TO 413' | STARTED October 28, 1966

LATITUDE | DATUM 4S 5+50E | COMPLETED October 31, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 413'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		biotite schist.									
405-413		Chlorite-quartz-sericite schist with brown									
		mica. Indistinctly banded and grey green									
		color. Core angle 90°.									
413		BOTTOM OF HOLE.									

DIAMOND DRILL RECORD,

HOLE NO. 66-5

PROPERTY DUB 2

SHEET NUMBER 1 SECTION FROM 0' TO 52' STARTED November 4, 1966

LATITUDE DATUM 4N 12E COMPLETED Not Completed

DEPARTURE BEARING ULTIMATE DEPTH 52'

ELEVATION DIP 90° PROPOSED DEPTH 200'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0-52	0%	Overburden.									
52		Lost hole. Casing broke, still in over-									
		burden.									

DIAMOND DRILL RECORD,

HOLE NO. 66 5A
66-5A

PROPERTY DUB 2

SHEET NUMBER 1 | SECTION FROM 0' TO 80' | STARTED November 6, 1966

LATITUDE | DATUM 4n 12E | COMPLETED November 8, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 234'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	~~Pb~~ Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
0-53	0%	Overburden.									
53-67	20%	Grey and green banded magnetic quartz-chlorite-magnetite schist with very sparse disseminated sulphides; less than 1%, including a few patches of chalcopyrite. Core angel: 45°. (Note: This material resembles that near the bottom of the mineralized horizon in DDH 66-1.)	Y-118	14	.18	Tr.	Tr.				
67-75	30%	Green chlorite-quartz schist. Core angle 0° from 67' to 70'; contorted from 70' to 75'.									
75-80	50%	Indistinctly banded quartz-chlorite schist with from 1 to 2 percent disseminated	Y-119	5	.20	Tr.	Tr.				

66 5

DIAMOND DRILL RECORD,

HOLE NO. ___

PROPERTY DUB 2

SHEET NUMBER 2 | SECTION FROM 80' TO 117' | STARTED November 6, 1966

LATITUDE ___ | DATUM 4N 12E | COMPLETED November 8, 1966

DEPARTURE ___ | BEARING ___ | ULTIMATE DEPTH 234'

ELEVATION ___ | DIP 90° | PROPOSED DEPTH ___

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	~~PB~~ AU.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		pyrrhotite, pyrite, and chalcopyrite.									
		Rock is faintly magnetic and contains									
		about 50% quartz. Schistosity at 45° to 60°									
		to core axis.									
80-87	60%	Banded green chlorite-quartz schist.									
		Core angle 50%.									
87-89	100%	Indistinctly banded quartz chlorite schist	Y-120	2	.12	Tr.	Tr.				
		with disseminated chalcopyrite and									
		pyrrhotite comprising up to 2% of rock.									
		Quartz content about 60% but locally up									
		to 80%. Core angle is 45° to 50°.									
89-117	90%	Chlorite-quartz schist similar to interval									
		67' to 75'. Cut in places by bands of									

DIAMOND DRILL RECORD,

HOLE NO. 66-5A

PROPERTY DUB 2

SHEET NUMBER 3 | SECTION FROM 89' TO 135' | STARTED November 6, 1966

LATITUDE | DATUM 4N 12E | COMPLETED November 8, 1966

DEPARTURE | BEARING | ULTIMATE DEPTH 234'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	XXXX XXXAu	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		white quartz. A few intermittent hornblende									
		rich horizons are also present. These									
		are up to an inch thick. Schistosity is									
		at 50° or 60° to from 89' to 115' and 10°									
		from 115' to 117'.									
117-119	100%	White quartz horizon; probably conformable	Y-121	2	.18	Tr.	Tr.				
		to schistosity. Contains 2 to 3% pyrrhotite									
		and less than 1% chalcopyrite.									
119-135	100%	Chlorite schist as in interval 89' - 117'.									
		Some horizons a few inches thick contain-									
		ing 2 to 3 percent sulphides; pyrrhotite,									
		pyrite, and minor chalcopyrite. Core									
		angle 40°.									

66 5A

DIAMOND DRILL RECORD,

HOLE NO. 66-5A

PROPERTY DUB 2

SHEET NUMBER 4 SECTION FROM 135 TO 159 STARTED November 6, 1966

LATITUDE ____ DATUM 4N 12E COMPLETED November 8, 1966.

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH 234'

ELEVATION ____ DIP 90° PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
135-138	80%	Quartz-chlorite schist with 5% disseminated	Y-122	3	Tr.	Tr.	Tr.				
		pyrrhotite and minor amounts of pyrite									
		and chalcopyrite. Quartz content 60% to									
		70%. Rock is magnetic and core angle									
		is 45° to 50°.									
138-140	100%	Green chlorite schist. Schistosity at									
		10° to core axis.									
140-159	90%	Chlorite-quartz-magnetite schist with up	Y-123	5	.16	Tr.	Tr.				
		to 10% disseminated sulphide; mainly	Y 124	5	.18	Tr.	Tr.				
		pyrrhotite but possibly 1% chalcopyrite.	Y125	5	.10	Tr.	Tr.				
		Sulphides closely related to white quartz	Y126	4	.08	Tr.	Tr.				
		bands and/or fragments notably at 148', and									
		from 152' to 153' where they occur on									
		borders of quartz.									

66 5

DIAMOND DRILL RECORD,

HOLE NO. 66-5A

PROPERTY DUB 2

SHEET NUMBER 5 | SECTION FROM 159' TO 220' | STARTED November 6, 1966

LATITUDE | DATUM 4N 12E | COMPLETED November 8, 1966.

DEPARTURE | BEARING | ULTIMATE DEPTH 234'

ELEVATION | DIP 90° | PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	XXX XXXAu.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		Core angles: 10°-30° from 140' to 149';									
		0° to 10° from 149' to 152'; 155' to 157'									
		30°; 157' to 159' 10°. Contorted 152' to									
		155'.									
		(Note: This rock appears to contain more									
		chlorite and less quartz than the									
		mineralized horizon in DDH 1 and 3, and									
		is probably not its equivalent).									
159-169	90%	Quartz chlorite schist with very sparsely									
		disseminated pyrite and chalcopyrite.									
		Core angles: 10° 159' to 162'; 0° 162'									
		to 166'; Contorted from 166' to 169'.									
169-220	90%	Chlorite-quartz schist. Contorted 169'									
		to 174', Core angle 80° from 174' to 176'									

66 57

DIAMOND DRILL RECORD,

HOLE NO. 66-5A

PROPERTY DUB 2

SHEET NUMBER 6 SECTION FROM 220' TO 234' STARTED November 6, 1966

LATITUDE DATUM 4N 12E COMPLETED November 8, 1966

DEPARTURE BEARING ULTIMATE DEPTH 234'

ELEVATION DIP 90° PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	MX Au.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	AG.
		45° to 50° from 176' to 220'. Green color.									
220-234	10%	Chlorite-quartz schist as above but only									
		a few fragments recovered.									
		Core angle: 45° to 50°.									
234		BOTTOM OF HOLE.									

DISCUSSION

Drilling to date suggests that the mineralized horizon, a magnetite-quartz-biotite schist accompanied by a zone of massive pyrite both containing chalcopyrite, is a shallow, nearly flat lying body of variable thickness but with a maximum of 41 feet through.

It has been reasonably well established that areas of high magnetics are underlain by subcropping or very nearly subcropping magnetite-quartz-biotite schist. Only one hole in the current program, 66-3, drilled completely through the magnetite bearing rock. Holes 66-1 encountered it immediately under the overburden and indicates that it is over 30 feet through at this point and hole 66-5A cut 14 feet of it in the same position. None of the holes drilled in 1966 encountered the zone of massive pyrite which is exposed in the trenched area and in some of the drill core from the earlier program.

The mineralized zones in holes 66-1, 66-3 and 66-5A are all underlain by the light to medium green, fine grained chlorite-quartz schist which they probably replace. The schist is invariably composed mainly of quartz and chlorite with only minor amounts of accessory minerals. Among the latter are: sulphides; pyrite, pyrrhotite, and a little chalcopyrite all of which occur disseminated or in veinlets in contorted zones; magnetite, which is generally disseminated; brownish mica, possibly phlogophite; white

mica or sericite; biotite; epidote; and very small isolated amounts of carbonate. These rarely exceed about 10% of the total volume.

The schist is generally well bedded although some crenulations and folds are present. The infrequent occurrence of what appears to be fault gouge as well as intervals of poor core recovery suggest the presence of shear zones and faults. Minor concentrations of pyrrhotite and pyrite tend to occur in the disturbed areas but no good metal values were found.

Hole 66-4 was the only one drilled during the program that did not intersect the chlorite schist. It was spotted just west of the strong part of a magnetic anomaly to test the possibility of the copper bearing zones extending westward at depth. It seems to have successfully eliminated this possibility as it never encountered significant mineralization. Throughout most of its length it cuts quartz-mica schists and sericite schists resembling those of Unit 3 on the geological map of the area.[1] These could, however, belong to the more poorly exposed Unit 1 on the same map. In any case a sharp break is suggested between holes 66-3 and 66-4 and this may delineate the western limit of the mineralized zone.

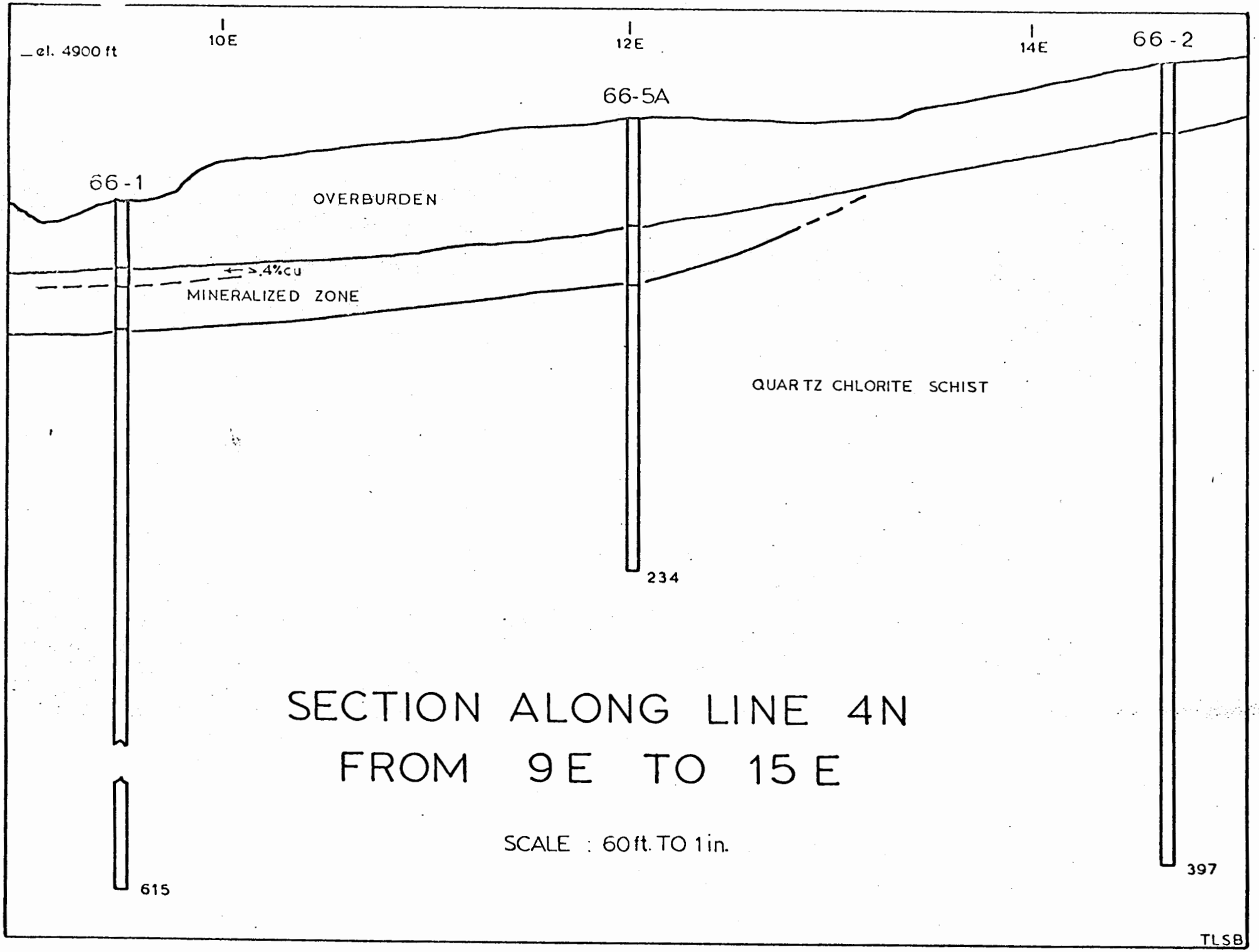
Geological evidence suggests that the copper mineralization occurs within the chlorite schist horizon

1. Sadlier-Brown, T.L.: The Geology of the DUB Mineral Claims. Atlas Explorations Limited, Unpublished Report, July 1966.

but near, possibly immediately under, Unit 3. This relationship is illustrated all along the upper part of the south fork of the creek where sulphides have been found in trenches, pits, and drill holes just north of the contact with the mica schists that form the south wall of the cirque. If hole 66-4 is actually cutting Unit 3 then it is on the down dropped west side of a fault between holes 66-3 and 66-4 and the possibility of mineralization at greater depth exists.

If further evidence is found to support this hypothesis hole 66-4 should be deepened in an attempt to prove it. The casing has been left in the hole to facilitate further work should it be considered necessary. At the time hole 66-4 was being drilled it was felt that too little was known to justify drilling beyond the depth where a westerly dipping extension might occur and the hole was terminated at 413 feet.

Hole 66-5A was drilled between 66-1 which encountered sulphides at 31 feet, and hole 66-2, which was unmineralized in an attempt to establish a section and an attitude on the sulphide bearing horizon. Mineralization was encountered in an interval of poor core recovery (20%) between 53 and 67 feet, just below the overburden. The resulting section indicates that the band dips to the west here and that consequently all of DDH 66-2 is below the


el. 4900 ft
10E
12E
14E
66-2
66-5A
66-1
OVERBURDEN
>.4%cu
MINERALIZED ZONE
QUARTZ CHLORITE SCHIST
234
615
397
SECTION ALONG LINE 4N
FROM 9E TO 15E
SCALE : 60ft. TO 1in.
TLSB

mineralization (see diagram).

CONCLUSIONS

Results from the diamond drilling in the DUB II area indicate that the magnetic and electromagnetic anomalies are caused by a zone of nearly flat lying gneissic and schistoze rock composed of magnetite-quartz and either biotite, hornblende or both, with a few accessory minerals including sulphides. An overlying horizon of massive pyrite and pyrite-rich quartzite, which gives good EM response, was not encountered by any of the holes drilled during this program. It is, however, exposed in trenches and was found in core from the Cassiar Drill Project of 1960.

The only mineralization approaching ore grade occurs either in the pyrite or the magnetite bearing rocks. The average grade of the latter is .56% copper, .17% silver and a trace of gold and the maximum copper value encountered was 1.9% over 6 feet in hole 3. Sulphide minerals present are chalcopyrite, pyrite and pyrrhotite although the latter usually occurs in the underlying chlorite schist and only seldom in the magnetite zone.

Of the three holes which encountered the magnetite bearing horizon, only one, DDH 66-3 appears to have passed through its full thickness so no accurate idea of its vertical dimensions can be formed. In hole 66-3 it is 41 feet through.

Holes 66-1 and 66-5A both encountered it immediately below the overburden and cut through 30 feet and 14 feet of it respectively. Previous drilling by Cassiar was similarly inconclusive in this respect as most of the holes for which information is available encountered the zone upon hitting bedrock. Some idea as to the thickness of the mineralized rocks may be gained from the following table which includes the results of the present drill program as well as those determined from relogging the Cassiar drill results.

Hole Number	Thickness of Mineralized Horizon Encountered (feet)
66-1	>30
66-3	41
66-5A	>14
D	>20
E1	> 6
E2	21
F	3
G	>38
O	>25
P(?)	>37
1 (e zone)	>25
3-1	>18
3-2	>17
6-2	>25
7	>12
10	>12
13	>18
15	>13
19	>31
22	>9

All results indicate that the magnetite bearing rock is immediately underlain by quartz chlorite schist (Unit 2 on the geological map). Although folds, crenulations and evidence for faulting were observed in the chlorite schist, the mineralized rocks are relatively undisturbed.

No definite control for the mineralization has been determined from the results of the drilling. The sulphides do, however, appear to replace the quartz-chlorite schist and may be related in some way to the contact between the overlying mica and sericite schists.

An abrupt change in rock types between holes 66-3 and 66-4 suggest the presence of a fault which would occur in the vicinity of the west limit of the geophysical anomaly.

RECOMMENDATIONS

Further diamond drilling should be carried out with two distinct objectives; (1) to test all known geophysical anomalies and, (2) to determine the factors controlling known mineralization and test for possible extensions which were not detected by geophysics.

Objective 1 could probably be adequately carried out with a light drill capable of drilling to about 200 feet as all strong geophysical anomalies drilled so far have been associated with mineralization near the surface. Areas recommended for testing are centred around 10+00 N, 6+00 E,

and 13+00 S, 27+00 E. In addition to these some areas which have already been drilled by Cassiar should be drilled again for re-evaluation. These are roughly centred about 6+00 S 17+00 E; 4+00 S, 9+00 E; 8+00 S, 11+00 E.

Objective 2 would probably best be carried out by a larger drill although a light unit might be useful for some areas. The possibility that the mineralization lies below the lower contact of Unit 3 (the mica and sericite schists and phyllites forming the south wall of the cirque) should be tested by drilling through Unit 3, possibly near the eastern end of line 12S. The heavy drill should also be used for drilling off the strongest parts of the geophysical anomalies where interpretation suggests deeper extensions of known mineralization.

Respectfully submitted,

T. L. Sadlier-Brown,
Geologist,
Atlas Explorations Limited.

SUMMARY OF COSTS

Diamond Drilling (including camp costs, etc.) See invoice.		$ 26,372.91
Salary, 1 geologist @ $40/diem for 54 days		2,160.00
Wages: Labour @ $20/diem for 15 days		300.00
Transportation:	Helicopter approx. 51 hrs. @ $130/hr. average	6,633.36
	Fixed wing approx. 63 hrs. @ $75/hr.	4,716.27
		$ 40,182.54

AFFIDAVIT SUPPORTING SUMMARY OF COSTS:

I, T. L. Sadlier-Brown, Geologist, Atlas Explorations Limited, of Ross River, Yukon Territory, do hereby state that to the best of my knowledge and belief the statement of costs as presented in the report "Diamond Drilling the DUB Mineral Claims" is both correct and true.

T. L. Sadlier-Brown

Jan 19th 1968
Date

A Commissioner of Oaths in and for the Yukon Territory.

A. ARSENAULT DIAMOND DRILLING LTD.
4853 MAIN STREET, VANCOUVER 10, B.C.
TELEPHONE TRINITY 9-5701

November 30th, 1966.

IN ACCOUNT WITH

Atlas Explorations Limited,
330 Marine Building,
355 Burrard Street,
VANCOUVER, B.C.

S U M M A R Y

Item	1	Mobilization	$1,026.00
	2	Hole No. 1	5,871.75
	3	Hole No. 2	4,158.00
	4	Hole No. 3	2,544.00
	5	Hole No. 4	4,048.00
	6	Hole No. 5 - 5A	5,497.16
	7	Board & Lodging	3,480.00
	8	Cement etc.	1,045.40
		OUR ACCOUNT	$27,670.31

NOTE

Drilling equipment is on Company's property and there will be no standby charge or rental charges for a period of 90 days or until March 1, 1967.

20N 16 N 12 N 8N 6N 4N 2N 0 2S 4S 6S 8S 10S 12S 16S 20S 24 S

10 E

BL

10 W

ATLAS EXPLORATIONS LTD.
ROSS RIVER Y.T.
DUB MINERAL CLAIMS
FYRE LAKE AREA
DUB 2 DEVELOPMENT MAP

DIAMOND DRILL HOLE LOCATION:
- ⊙ 66-1 ATLAS
- ● F CASSIAR
- ⊙ 19 CASSIAR (Packsack hole)

300/25 depth of hole / mineralized interval

ANOMALY OUTLINE:
- MAG OUTLINE (above 500 γ)
- EM OUTLINE (above -3 degrees high freq)
- GEOCHEM (above 200 ppm Cu)

D.D.H-66-1

Overburden

Cu Au Ag
.45 tr .14
.58 tr .42
Quartz chlorite-magnetite schist and gneiss with disseminated sulphides (core angle 80-90°)

.16 tr .22
tr tr .24
Quartz chlorite-magnetite schist and gneiss (80°)

.01 tr tr
Quartz chlorite-magnetite schist and gneiss (80-90°)
Lost core
Magnetite-chlorite-quartz schist gneiss
Green chlorite schist fragments

Banded quartz chlorite schist (50-90)

Chlorite schist (60-80°)
Magnetite bearing chlorite schist
Lost core
Chlorite quartz schist (80-90°)

Quartz chlorite schist (60-90°)

Chlorite quartz schist

Chlorite schist with quartz

Quartz-chlorite-mica schist (60-80°)

Transition zone (60°)

Banded quartz-chlorite-mica schist (50-70°)

Quartz chlorite mica schist (60-90°)

Bottom 615'

D.D.H-66-2

Overburden

Banded quartz-chlorite schist with minor biotite & sparse dissemenated pyrite (60°)

Brecciated quartz-chlorite schist
Banded quartz-chlorite schist (60°)
Brecciated chlorite schist

Quartz chlorite schist (60°)

Quartz chlorite schist, quartz content < 50%

Quartz chlorite schist (60-70°)

Quartz chlorite schist (90°), Quartz < 75%
Bottom 397'

D.D.H-66-3

Overburden

Banded quartz-chlorite schist

Cu Au Ag
.48 tr .18
.46 .005 .16
.78 .005 .10
.76 .005 .10
1.12 .01 .18
Banded magnetite bearing quartzite with desseminated sulphides

1.8 .01 .09
.61 .01 .21
.24 .005 .22
Magnetite bearing quartzite (80-90°) with up to 20% disseminated sulphides

Dark green chlorite-quartz schist (60 80°)

Lost core
Chlorite quartz schist (60°)

Cu Au Ag
.87 tr .02
.61 tr .16
Fine grained quartz-chlorite schist with up to 5% disseminated sulphides
Chlorite-quartz gouge

Chlorite-quartz schist (60°)

C Au Ag
tr tr .12
.01 .005 .14
Quartz chlorite schist with disseminated sulphides (60-80°)

Chlorite quartz schist with serpentine & brown mica

White quartz
Chlorite schist
Bottom - 233.6'

D.D.H-66-4

Overburden

Dark & light grey banded quartz biotite schist with sericite (60-80°)

Quartz-mica schist with sparse disseminated pyrrhotite

Quartz-mica schist (90°)

Quartz-chlorite schist

Quartz-biotite schist (60-90°) contorted in places

Quartzite with thin bands of mica & chlorite (90°)

Banded grey quartz-mica schist (90°)

Chlorite-quartz schist (70°)

Banded quartz-mica schist with sericite (90°)

Quartz-chlorite schist with clay gouge (60°)
Banded quartz-mica schist

Dark grey banded quartz-mica schist with sericite & sparsely disseminated pyrite

Transition zone

Quartz-sericite schist with up to 80% quartz (80°)

White quartz sericite schist (80-90°)

Quartz sericite schist

Quartz-sericite-biotite schist

Chlorite-quartz-sericite schist with brown mica (90°)
Bottom 413'

D.D.H-66-5

Overburden

Bottom 52'

D.D.H-66-5A

Overburden

Cu Au Ag
tr tr .18
Banded-quartz-chlorite-magnetite-schist (45°)

Chlorite quartz schist (0°)

tr tr .20
Indistinctly banded quartz-chlorite schist with disseminated pyrrhotite, pyrite & chalcopyrite (45-60°)
Chlorite-quartz schist (50°)

tr tr .12
Chlorite-quartz schist with disseminated chalcopyrite & pyrrhotite (45-50°)

Chlorite quartz schist (50-60°)

tr tr .18
White quartz containing disseminated sulphides

Chlorite schist with sparse sulphides in some horizons (40°)

tr tr tr
Quartz chlorite schist with disseminated pyrrhotite, pyrite & chalcopyrite (45-50°)
Chlorite schist (10°)

tr tr .16
tr tr .18
tr tr .10
tr tr .08
Chlorite-quartz-magnetite schist with disseminated pyrrhotite, low core angle

Quartz chlorite schist (0-10°)

Chlorite quartz schist (45-50°)

Chlorite quartz schist fragments. Core recovery 10%
Bottom 234'

ATLAS EXPLORATIONS LTD.
ROSS RIVER, YUKON
FYRE LAKE AREA
DUB 2 MINERAL CLAIMS
DIAMOND DRILL HOLE PROFILES

Geologist: T.S. Brown
Date: Nov., 1966
Drawn by: Al Pitcher

SCALE
20 0 20 40 60
1 inch to 20 feet