DIAMOND DRILLING REPORT, L & M MINERAL CLAIMS

Lustdust Property

Omineca Mining Division

N.T.S. 93 N 11 West, 55° 34' N, 125° 25' W

Owner: Zapata Granby Corporation

Operator: Zapata Granby Corporation

Author: W.J. Wilkinson, B.Sc.

Date Submitted: December 15, 1979

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INTRODUCTION

A diamond drilling program was carried out on the L and M claims of the Lustdust property between November 1st and November 30th, 1979. A total of 615.4 metres of BQ drilling was completed in three holes.

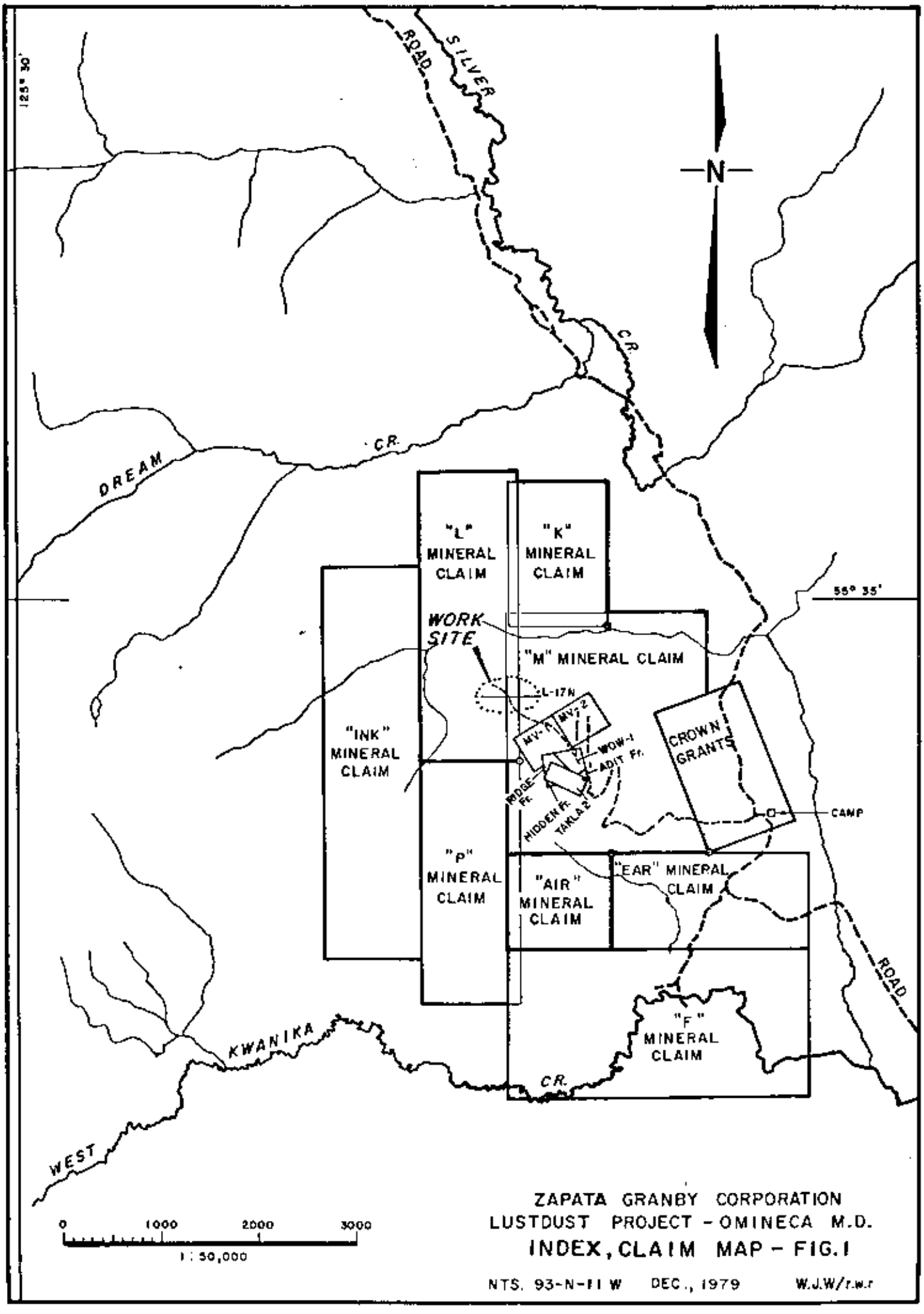
Location, Topography, Access

The Lustdust Property is located between West Kwanika Creek and Dream Creek, immediately west of the valley between the headwaters of Silver Creek and the south flowing portion of Kwanika Creek. It is approximately 36km northwest of Takla Landing, in the Omineca Mining Division, north-central B.C.

Slopes are gentle to moderately steep. The valley of an east-flowing creek (called Canyon Creek), cuts through the claims, and relatively steep slopes and bluffs prevail in this portion of the claim block.

Access to the claims is by good gravelled secondary roads, from Fort St. James, through Mansen Creek, then west along Germansen Lake and Kwanika Creek.

Float-equipped aircraft can land on Tsayta Lake, the west end of which is accessible from the Takla Landing road. The distance from this point to the property is about 20km travelling easterly on good gravelled road. Road distance from the property to the B.C. Railway at Takla Landing is about 45km.



ZAPATA GRANBY CORPORATION
LUSTDUST PROJECT - OMINECA M.D.

INDEX, CLAIM MAP - FIG. 1

NTS. 93-N-11 W DEC., 1979 W.J.W/r.w.r

Property Definition

The K, L, M claims are located over an area which has been explored since the 1940's, and is now known as the Lustdust prospect. Values in silver, lead, zinc, antimony and gold are reported from veins; sphalerite occurs in massive pyrrhotite, and minor chalcopyrite occurs in skarn.

The vein mineralization was discovered in 1944, and was explored by a 350' adit in 1945. Bralorne Mines Ltd. explored the property from 1952-1954. In 1960 Bralorne again acquired the property, and from 1960 to 1962 carried out further work in a joint venture with Noranda and Canex. A limited amount of work was done by Bralorne in 1963. These programs were comprised of extensive bulldozer and hand trenching, and diamond drilling. A large part of the records of this early work are not available.

Takla Silver Mines Ltd. explored the property between 1964 and 1967, driving a 750' adit by the spring of 1966. At least 10 diamond drill holes were drilled underground, and 2,500 feet were drilled on surface. In 1968 a joint venture between Takla Silver Mines Ltd. and Anchor Mines Ltd. carried out a drill program totalling 1,881 feet underground and 4,387 feet on surface. As with the preceding work, very little information as to results is now available.

All claims had lapsed by mid-1974, at which time several claims were re-staked over the adit and ground immediately adjacent to the north. In 1977, Granby located the K, L, M claims comprising 38 units, to cover a large area with apparent mineral potential, extending northwest from the adit area. The "M" Claim overstakes one 1974 claim which Granby does not have title to - the Takla 2, Record No. 13183. The M.V. 1 and M.V. 2, Record Nos. 132409, and 132410, and the Wow 1, Record No. 1514, are held by option agreement (1979). The M claim also adjoins the Crown Granted Mineral Claims, L.6181, 6184, 6186, 6188 which form part of the former Bralorne Takla Mercury Mine Property, which produced several hundred flasks of mercury during the Second World War.

The Air claim was added to the property in late 1978, and in 1979 three fractions and 52 metric claim units were located, bringing the total of claims and units presently held to 100 (see Figure 1, and list below).

ZAPATA GRANBY CORPORATION

LUSTDUST PROPERTY STATUS

December, 1979

CLAIM NAME	RECORD NO.	NO. UNITS	OWNER OF RECORD	DATE LOCATED	DATE RECORDED
K	813	6	Granby Mining Corporation	September 27, 1977	October 17, 1977
L	814	12	Granby Mining Corporation	September 26, 1977	October 17, 1977
M	815	20	Granby Mining Corporation	September 25, 1977	October 17, 1977
Air	1482	4	Granby Mining Corporation	September 14, 1978	October 11, 1978
Hidden Fr.	2128	1	Zapata Granby Corporation	September 20, 1979	October 4, 1979
Adit Fr.	2129	1	Zapata Granby Corporation	September 20, 1979	October 4, 1979
Ridge Fr.	2130	1	Zapata Granby Corporation	September 6, 1979	October 4, 1979
P	2167	10	Zapata Granby Corporation	October 16, 1979	October 25, 1979
Ear	2168	8	Zapata Granby Corporation	October 19, 1979	October 25, 1979
Ink	2169	16	Zapata Granby Corporation	October 18, 1979	October 25, 1979
F	2170	18	Zapata Granby Croporation	October 20, 1979	October 25, 1979
Wow 1	1514	1	Zapata Granby Corporation	September 21, 1978	October 20, 1978
M V-1	132409	1	Zapata Granby Corporation	September 6, 1974	September 20, 1974
M V-2	132410	1	Zapata Granby Corporation	September 6, 1974	September 20, 1974

(NOTE: Effective January 1, 1979, Granby Mining Corporation was amalgamated with Granisle Copper Limited and Zapata Canada Limited, into a single company, Zapata Granby Corporation.)

In 1978 Granby cut 67 kilometres of grid line, carried out a soil geochemical survey (analyses for Cu, Pb, Zn, Ag) over the grid, and mapped the property at a scale of 1:5,000 (Assessment Report No. 7059, by James and Wilkinson). In 1979, a "Pulse" E.M. Survey was conducted by Glen White Geophysics Ltd. This was followed up by a diamond drill program in November, 1979.

Work Summary

615.4 metres of BQ Wireline diamond drilling was completed in three holes, drilled easterly at -60° on grid line 17+00 N.

Hole	79-1	204.0m
Hole	79-2	233.7m
Hole	79-3	177.7m
	Total	615.4m

The drilling was done on the L claim (503.4 metres), and on the M claim (112.0 metres, part of D.D.H. 79-1). This report presents the results of this diamond drilling, for submission of the costs as assessment credit.

GEOLOGY & MINERALIZATION

Regional Geology

The most recent published information on regional geology is by Paterson, I.A., 1974 Geol. Surv. Can. Paper 74-1, Part B.

The property lies just west of the former Bralorne Takla Mercury Mine. Both properties are a short distance west of the Pinchi Fault which separates the Jurassic Hogem Batholith to the east from the Upper Paleozoic Cache Creek Group to the west.

The claims are thus entirely underlain by Cache Creek rocks, predominantly chert grading to phyllite, carbonaceous phyllite and argillite. There are also greywacke and limestone units and some greenstone. Structurally the group is described as having undergone two periods of penetrative deformation followed by kinking and faulting adjacent to the Pinchi Fault. The property is within the distance affected by the last-mentioned deformation.

Mineralization

A vein showing known as Zone #1, #2 occurs partly on the Takla 2 claim and partly on Granby-held ground. This vein is irregular in width and value. It is reported as containing pyrite, sphalerite, galena, jamesonite, stibnite, arsenopyrite and freibergite. The principal values are in silver with some lead, zinc and gold.

On the MV-2 claim, Zone 3 is a large limonite gossan, reported to be at least 50 metres deep. Zinc occurs as hemimorphite. Attempts to drill the gossan were frustrated by drilling and recovery problems; however, some sulphide remnants in gossan were reported to have been recovered at depth, and gold was said to have been panned from the material recovered. The Zone appears to be related to a limestone-greenschist contact in the vicinity of faulting. The depth of oxidation is unusual, and indicates deep water circulation. The zone did not respond to the (1979) Pulse E.M. Survey. No drilling has been planned for this zone, but the more easterly E.M. conductor passes about 150 metres to the west, and could well be related in some way.

Zone 4B lies northwest of Zone 3 and constitutes the type of mineralization being explored for. Here lenses of almost massive pyrrhotite with pyrite and sphalerite occur principally on the contact of limestone with greenschist and cherty phyllite. Some occurrences as exposed have limestone on both walls. The common mode of occurrence on contacts suggests that the sulphides may be syngenetic, layered, massive deposits, associated with the volcanic rocks which are now greenschists. The lenses previously discovered are small, and appear to be folded and faulted.

Pulse E.M. (1979) survey response indicated a very strong electrical conductor passing below the 4B zone, with current axis at 75 to 100 metres below surface, suggesting that the 4B zone showings might pass into a more continuous and larger sulphide body at depth. The 1979 diamond drilling program was designed to test this possibility.

Rock Types

Cache Creek rocks on the property consist of massive limestone, beds of argillite, shale, phyllite and dark to black chert and one or more horizons of greenschist. These rocks are intruded by dykes (and possibly sills) of feldspar porphyry. A small strongly magnetic dioritic intrusive is exposed in Canyon Creek near the 30+00 West base-line.

Several dyke-like outcrops of hornblende-biotite granodiorite noted on the north western property boundary may be related to a small granodiorite body (5d) mapped by Paterson.

An outcrop of skarn occurs in Canyon Creek, in close proximity to strongly silicified and hybridized shale and hornfelsed shale. The relationship of the skarn to other rocks is undetermined.

The limestone is light to dark grey and almost massive. No fine laminations are visible in fresh surfaces, and only rarely are they suggested by differential weathering. Bedding in the order of 1-3 metres thick was observed in the southernmost outcrop.

Argillite, phyllite and chert are gradational one into the other. Many outcrops are described as cherty argillite or argillaceous chert. There is a small amount of light grey chert, but most is black as is the argillite. Phyllite is generally dark although some is light enough to be confused with greenschist, particularly because both are soft and rarely outcrop. Many outcrops along Canyon Creek were mapped as shales, although their affinity to the argillite is clear. The Canyon Creek outcrops generally differ in that chert is not significant, and the rocks are somewhat less indurated and re-crystallized.

The greenschist is a grey-green schistose and sometimes calcareous rock thought to be of volcanic origin (probably tuffaceous). Many exposures contain clasts of limestone ranging up to 10cm diameter. This rocktype is distinctive and is probably a single horizon.

Structure

Foliation and bedding where observed strike generally NNW and dip moderately to steeply west. The foliation is interpreted to be an axial-plane feature developed in relation to close folding overturned to the east. Due to the massive character of the thicker limestone beds, much of the movement is probably taken up in the softer bedded rocks.

A pattern of N 50° - 60° E faulting is indicated by apparent rock discontinuities along the small creek just east of the 20 + 00 W baseline, and by a clearly defined offset in the limestone-phyllite contact, et cetera, from 17 + 00 N to 19 + 00 N, west of this baseline. The bed of Canyon Creek near 30 + 00 W is a prominent linear feature oriented about N60° E, and may represent a related fault trace.

A prominent linear canyon at 14 + 00 N, 8 + 50 W oriented N 07 E separates massive limestone from graphitic chert and phyllite. This orientation is also seen in several felsite dykes.

The felsite dykes (sills?) are long, linear features, with a preferred orientation of N 10 - 25°W/50°W, sub-parallel to bedding. It is not clear whether they are fault or fracture controlled or are indeed sills.

DRILLING PROGRAM

Objective

The main objective of this diamond drilling program was to test a strong Pulse-E.M. conductor where it passed beneath the "4B Zone", where massive sulphides (with significant values in copper, lead, zinc, gold and silver) of an apparently erratic nature had been explored by earlier workers. Three holes were drilled along grid line 17 + 00 North; hole 79-1 was intended to test the more easterly E.M. conductor, and holes 79-2 and 79-3 were intended to test the more westerly conductor at depths of approximately 175 metres and 100 metres.

Results

Drill core logs and assays are appended to this report, and details will not be repeated. Drilling results are summarized herewith:

Hole 79-1 was drilled east at -60° from 21 + 17 West, to intersect the more easterly E.M. conductor. Much difficulty was experienced in drilling the hole, due to the thin, plate-like nature of the rock, which caused very frequent jamming in the core-tube, with resultant slow drilling and much core loss. The hole cored mainly thinly-banded cherty to limey phyllite from bedrock (at surface) to a depth of 191.2 metres, then continued in limestone and limey phyllite to its final depth of 204.0 metres. The hole was discontinued at this depth because of the difficult drilling conditions; 500 feet (152 metres) of drill rod was lost in this hole.

Nothing of a strongly conductive nature was logged in the hole; it is concluded that the E.M. conductor is probably present, but lies to the east of this hole.

Hole 79-2 was drilled at N 71 E (to be perpendicular to the apparent geological strike) from 23 + 07 West, and was also inclined at -60°. This hole cored cherty phyllite to a depth of 179.3 metres, then greenschist to 185.0 metres, then limestone with massive sulphide bands to 220.3 metres. The sulphides

consisted of pyrrhotite with pyrite, minor sphalerite and traces of chalcopyrite. Arsenopyrite occurs locally. The sulphide intervals were split and assayed for copper, lead, zinc, silver and gold, but only one interval of 1.51 metres, from 194.08m. to 195.59m., yielded significant values (Cu - 0.12%, Pb - 0.54%, Zn - 5.62%, Ag - 0.29 oz/ton, Au - 0.006 oz/ton). The hole was stopped at 233.7 metres in cherty phyllite.

Hole 79-3 was drilled at N 72° E, inclined at -60° , from 22 + 48 West. Drill core consisted of cherty phyllite to a depth of 113.46 metres. From 113.46 m. to 143.62m. the core consisted of interbedded greenschist, limestone and phyllite, with massive sulphides (pyrrhotite, pyrite, sphalerite, arsenopyrite, chalcopyrite) in layers up to 3 metres thick. An interval of 2.48 metres, from 121.71m. to 124.19m., yielded significant assay values (Zn - 19.80%, Ag - 0.10 oz/ton); copper, lead, and gold assays were quite low.

Core Storage

Diamond drill core has been stored on the property, near the access road, approximately 100 metres southeast of line 17 + 00 North, where the drilling was done.

CONCLUSIONS

Diamond drilling has demonstrated that the massive sulphide mineralization previously explored on surface in the "48 Zone" extends to a depth of at least 160 metres. These massive sulphides occur as a number of layers within a discrete zone consisting of interbedded limestone, greenschist and phyllite which has been subjected to complex faulting (and probably also folding). The zone is about 100 metres wide on surface, is quite attenuated in D.D.H. 79-3 (about 110 metres below surface), probably due to faulting, then widens in D.D.H. 79-2 to about a 40 metre thickness at a depth of 160 metres. The attitude indicated for the overall zone is N 20°W/75°W.

Short intervals of sulphides of possible economic significance were intersected in D.D.H. 79-2 and D.D.H. 79-3. It appears that those metals of economic interest (zinc, lead, copper, silver, gold) are erratically distributed in the vertical dimension along this section. Their presence to a depth of 160 metres, with Pulse-E.M. response suggesting extension to a depth of at least 300 metres, (Glen E. White, personal communication) nevertheless leaves ample room for the existence of ore, perhaps at greater depth, but more probably laterally along the Pulse-E.M. conductors, which extend for at least 1,000 metres to the southeast and 600 metres to the northwest of the vicinity diamond drilled in 1979.

W.J. Wilkinson, B.Sc.; Fellow, Geological Association of Canada

APPENDIX I

COST STATEMENT

Personnel

Name	Position	Days Worked	Total Days	Day Rate	Total Paid
W.J. Wilkinson	Exploration Manager	Nov. 1 - 6, Nov. 21, 26	8	$175	$1,400.00
" " "	"	Dec. 4(½), 6, 7, 11(½), 12, 13, 14	5	200	1,000.00
L. B. Warren	Field Supervisor	Oct. 31 - Dec. 1	31	175	5,425.00
T. Neale	Geologist	Oct. 29 - Nov. 30	33	85	2,808.00
" "	"	Dec. 2 - 7	6	150	900.00
					$ 11,533.00
					. . . $ 11,533.00

Food and Accomodation

W.J. Wilkinson and T. Neale: accomodation, Capri Motel, Smithers, Nov. 1, $46.20 (2 receipts)	$ 46.20	
W.J. Wilkinson, L.B. Warren, T. Neale: accomodation, Chundoo Motel, Fort St. James, Nov. 2		
T. Neale: accomodation, Smithers, Nov. 30, Dec. 1	42.00	
Wilkinson, Warren and Neale: meals, period Nov. 1 to December 7, inclusive (41 meals)	234.65	
	$ 322.85	. . . 322.35

Transportation

W.J. Wilkinson: Travel, Vancouver-Smithers & return, (P.W.A.), Nov. 1, Nov. 7	$ 148.00	
: Smithers Air Service Charter, No. 1972, Nov. 6	160.00	
T. Neale: Travel, Vancouver-Smithers & return, (P.W.A.), Nov. 1, Dec. 1	148.00	
C.J.L. Enterprises: 4 wheel drive crew-cab rental, October 31 - Dec. 1	1,278.80	
	$ 1,734.80	. . . 1,734.80

Assay Costs

Acme Analytical Laboratores Ltd.		
Invoice - Dec. 3: 17 assays for Cu, Pb, Zn, Ag, Au @ $18.00	$ 306.00	
Invoice - Dec. 10: 5 assays for Cu, Pb, Zn, Ag, Au @ $18.00	90.00	
	$ 396.00	$ 396.00

Contractor Charges

Phil's Diamond Drilling invoice, November 27, 1979 for 2,028 feet of BQ diamond drilling, to include all costs of drilling including camp and board for drillers and Granby personnel, but excluding certain costs due to abnormal conditions, tractor rental and demobilization to Fort St. James.		
2,028' at $30.00 per foot	$ 60,840.00	
Phil's Diamond Drilling, tractor rental 45½ hours @ $48.00/hr.	2,184.00	
Phil's Diamond Drilling, extra drilling charges:		
- tractor haulage	312.00	
- lost rods	5,445.11	
- demobilization	3,852.00	
- other charges	1,801.44	
	$ 74,434.55	74,434.55
B.C. Railroad, freight shipment, Takla Landing to Fort St. James, 3 cars @ $300.00	900.00	900.00
TOTAL COSTS		$ 89,321.20

APPENDIX II

AUTHOR'S QUALIFICATIONS

The author holds a B.Sc. degree in geology from the University of British Columbia, is a Fellow of the Geological Association of Canada, and has been practising his profession continuously for twelve years. He has been employed by Zapata Granby Corporation for 10 years, initially as District Geologist (Smithers), then from 1977-1979 as Senior Exploration Geologist (Vancouver). From June through November, 1979 he was Manager, Metals Exploration for Granby. He was responsible for planning and supervision of the diamond drill program and directed its layout on the property.

Field supervision of the diamond drill program was shared by Mr. L.B. Warren and Mr. T. Neale, B.Sc., geologist.

Mr. Warren was employed in exploration by Zapata Granby Corporation for 8 years, and was classified as a senior field technician at the time of his resignation this spring. He has a broad range of experience in managing the practical aspects of diamond drilling projects.

Mr. Neale holds a B.Sc. degree, geology, from the University of British Columbia (1978), and has had four seasons of geological field experience. His most recent employment was as an exploration geologist with Canadian Superior Exploration Limited (for the 1979 field season). He was responsible for monitoring Lustdust drilling results and for logging and sampling of the diamond drill core

APPENDIX III

BIBLIOGRAPHY

Paterson, I.A., 1974: in Geological Survey of Canada Paper 74-1, Part B, pp. 31 - 42

James, D.H. and Wilkinson, W.J., 1978: Geology and Geochemistry of the K, L and M Mineral Claims; Assessment Report 7059

White, Glen E., 1979: Geophysical Report on a Vector Pulse Electromagnetometer Survey, K, L, M Mineral Claims; Assessment Report

APPENDIX IV

LOGS OF DIAMOND DRILL
HOLES 79-1, 79-2, 79-3
AND ASSAYS

BY: T. Neale, B.Sc.

To accompany Diamond Drilling Report, Land M
Mineral Claims, Lustdust Property.

Author: W.J. Wilkinson, B.Sc.,

December 14, 1979

THE CRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM L;M

LATITUDE 16+95.54 N	BEARING 091	Hole No. 79-1
DEPARTURE 21+17.23 W	SLOPE -60°	PAGE 1/7
ELEVATION 1466.4 m.	LENGTH 204.0 m	DATE STOPPED Nov.15/79

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	AVG.	FROM TO	SHORT
0-1.8	Casing						
1.8-2.04	Chert - small angular fragments of med. grey chert often with a network of thin (<1mm) black carbonaceous lines. Minor rusty stain, but no boxwork or sulphides noted.					1.8 2.7	.39
						2.7 4.3	.15
2.04-3.97	Limey phyllite grading to cherty limey phyllite. Med. grey to dk. grey limestone with thin contorted black carbonaceous bands grading into limey, med. grey chert with the same contorted bands. Very minor disseminated pyrite from 2.04 - 2.48, more carbonaceous, fair amount pyrite and boxwork from 2.48-3.24; at 2.63 a 4cm wide quartz vein with a slight concentration of pyrite and boxwork nearby. From 2.7 - 3.24 thin (≤1mm) rusty bands common. From 3.81-3.97 fair to moderate pyrite, pyrrhotite disseminated in crystals <1/mm.						
3.97-122.62	Cherty Phyllite - Chert fragments to layers in a matrix of black to grey-green phyllitic to argillaceous rock. The chert fragments range in size from <1/mm to 3x4 cm and larger. Most are sub-rounded, some are rounded or sub-angular. They usually are light grey in colour but range from light gray to black; they very commonly have disseminated pyrite and/or pyrrhotite in them, usually ≤1/% of the rock, but may be up to ~5% over small intervals. The argillaceous rock is soft, appears to have flowed plastically around the chert fragments during metamorphism. The grey-green variety has variable amounts of chlorite in it, giving it the greenish tinge. The proportion of grey-green to black increases down hole. The argillaceous rock commonly has thin (~0.3mm) smeared out flakes up to ~5mm across of pyrite and/or pyrrhotite in it. It forms very irregular wiggly bands which have the same general orientation, that might have an approximation to bedding. In a few spots the argillaceous partings seem to have been silicified						

LOGGED BY T. Neale

HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-1
	DEPARTURE	SLOPE	PAGE 2/7
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Cu	AVG.	FROM TO	SHORT
	as they are as hard as the chert. This appears to be a minor feature. In some sections the black carbonaceous partings make up a large percentage of the rock, giving it a dark appearance. These sections are very common throughout, and grade into and out of the more cherty zones. Some of the more noticeable carbonaceous sections have been noted, but many have not, as they are commonly only 2-3 metres or less thick. Quartz veins and veinlets are common and often have minor pyrite and/or pyrrhotite disseminated in them. The off-white quartz is often difficult to distinguish from light grey chert unless the core is split. The main type of mineralization in this unit is disseminated pyrite and/or pyrrhotite in the chert fragments. It may be finely disseminated to almost massive. Pyrite-pyrrhotite also occurs as thin smeared flakes in the argillaceous partings, or as thin (0.5-1mm) veinlets that run both parallel to the partings and cross-cutting the partings and chert fragments. There are a few places where there are small blobs of massive pyrite-pyrrhotite. Very small amounts of sphaterite and arenopyrite occur, and they have been noted in the log whenever seen. In many places the core is very broken and ground up, which may mean that there are many faults. Only a few places were noted to have actual fault gouge, but the very broken nature of the core plus the fact that the argillaceous partings often show evidence of movement within them (smeared pyrite-pyrrhotite flakes, slickensides, etc) would tend to indicate a lot of shearing in this hole.					4.3 7.9	1.2
						7.9 11.0	2.16
	4.21-4.5 m:band of chertyphyllite containing black sphalerite (≈5%), pyrite (≈2%), pyrrohotite (4%), siderite (?), probably just stained calcite.					11.0 11.6	.04
						11.6 14.0	2.13
	5.11-5.39 - zone with quite high pyrite (~10%), minor pyrrhotite, arsenopyrite up to ~10%. The					14.0 17.1	.6

LOGGED BY T. Neale TM

HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

LATITUDE	BEARING	Hole No. 79-1
DEPARTURE	SLOPE	PAGE 3/7
ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Cu	Avg.	FROM TO	SHORT
	mineralization is associated with calcite veinlets. A few blebs(~5mm)of black sphalerite in the veinlets.						
	8.27-8.40 - quartz - calcite veinlets with associated arsenopyrite and pyrite. Arsenopyrite occurs in crystals to ~1mm, fairly massive; pyrite in crystals ~4mm in a small area.						
	13.22 - minor white quartz veining - no associated mineralization noted.						
	13.55 - minor white quartz veining. Nearby fractures are rusty but only "background" mineralization noted near veins.						
	14.41-14.57 - disseminated pyrrhotite, pyrite, arsenopyrite around a band of massive pyrrhotite from 14.46-14.50. The massive pyrhotite-pyrite has a few blebs of black sphalerite ~4mm. Arsenopyrite is almost massive near a small quartz vein.						
	15.86-16.05 Quartz veins with fair amount associated pyrrhotite.					17.1 18.6	.29
						18.6 19.8	.05
	16.33-17.1 - very cherty section with very few carbonaceous partings. Med. grey chert with fine black lines only. Pyrite, pyrrhotite content seems to be lower in this section.					19.8 21.7	1.24
	21.52-21.61 Dark grey to black massive limestone. Very soft, minor disseminated pyrite.					21.7 23.8	.22
	22.61-22.94. Limey cherty phyllite - soft, quite high pyrrhotite-pyrite.					23.8 26.8	.17
	24.54-24.62. Med. grey limestone. Very soft and crumbly. One bleb of pyrrhotite ~2 mm in it.					26.8 28.4	.09
	34.08-36.0 - Carbonaceous section. 36.3-38.1 - Carbonaceous section.					28.4 29.9	.4
	38.83-42.04 - Fairly high pyrite, pyrrhotite mineralization (up to ~4%) in thin veinlets, irregular masses and finely disseminated. Some of the veinlets are associated with tiny quartz veinlets, others are not. Small amount of black sphalerite associated with the pyrite-pyrrhotite in several places in the section and a blob of black sphalerite ~8x1.5cm occurs at 41.93.	38.88 42.04	A4651	.81		29.9 30.5	.15
						30.5 32.9	1.04
						32.9 34.2	.65
						34.2 36.0	1.34
						36.0 36.6	.08
						36.6 37.2	.18

LOGGED BY T. Neale TM HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-1
	DEPARTURE	SLOPE	PAGE 4/7
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	Avg.	FROM TO	SHORT
						37.2 38.1	.17
	42.0 - slightly limey, core ground up. Fault (?)						
	46.53-46.9 - Carbonaceous section.					38.1 39.0	.35
	53.98-54.3 - Carbonaceous section.						
	55.82 - small amount of chlorite in core.					39.0 42.1	2.1
	60.73-62.71 - Carbonaceous section.						
	59.16-64.3 - some chlorite occurs in partings.					42.1 45.1	2.34
	64.57 - 6mm band of massive pyrrhotite, pyrite, black sphalerite.						
	66-78.5 - Extreme core loss, extremely ground up					45.1 45.7	.24
	core, some fault gouge. Fault zone. Also drill					45.7 47.6	.49
	rods stick at about this location.						
	69.4 - minor chlorite.					47.6 50.6	1.01
	69.8-80.5 - carbonaceous section.						
	82.33-85.14 - carbonaceous section.					50.6 53.1	.75
	85.25-88.57 - very cherty section with much						
	higher proportion of chert to partings than					53.1 55.8	.95
	usual						
	200.09-100.73 - quartz veining with associated					55.8 58.9	2.08
	pyrite, pyrrhotite up to ~1-1½% in irregular						
	masses.					58.9 63.4	3.1
	109.43 - 3.5cm white quartz vein.						
	115.12-115.17 - fault gouge					63.4 65.6	.65
	118.46-122.62 - med. to dk. green powdery chlorite						
	in fractures. Fairly numerous quartz veins up					65.6 69.5	2.99
	to ~4cm with very minor associated pyrite.						
	127.57-122.62 - quartz vein separates cherty					69.5 75.6	5.37
	phyllite from dyke.						
122.62-	Dyke. pale greenish white in colour, small					75.6 81.4	3.35
142.19	chilled margin with very fine grain size and						
	slightly harder. Main portion of dyke moderately					81.4 82.7	.19
	soft, fine grained with phenocrysts up to ~3mm						
	which are commonly replaced by chlorite, or					82.7 86.0	1.99
	partially chloritized. Contains many tiny yellow						
	brown flakes of sericite (?). Has pyrite,					86.0 91.5	.65
	pyrrhotite finely disseminated throughout, and						
	in irregular patches, with a slight concentration					91.5 95.5	1.25
	near the calcite veins that run through the dyke.						
	In several places there are a lot of small					95.5 97.0	.42
	hornblende crystals ~1mm long. Quartz and/or						
	feldspar are probably the main minerals in the					97.9 98.5	.37
	dyke, but it is too fine grained to tell without						
	a thinsection.					98.5 100.0	.16

LOGGED BY T. Neale TN

79-1
HOLE NO.

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

LATITUDE	BEARING	Hole No. 79-1
DEPARTURE	SLOPE	PAGE 5/7
ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Cu	Avg.	FROM TO	SHORT
	124.6-128.0 - chlorite replacing phenocrysts, giving core a speckly green appearance. 129.9-131.03 - rock quite heavily weathered. Soft and crumbly and rather lighter in colour. Probably due to leaching by waters in faults. 130.07-130.19 - very soft, groundup, crumbly core - faulty gouge. 130.87-131.03 - faulty gauge. 136.1-139.32 - calcite veinlet ~1mm wide with a band of white alteration up to 1½mm on either side of it. Other smaller calcite veins throughout dyke. 140.21-140.44 - xenolith of cherty phyllite with abundant pyrite, pyrrhotite and quartz veining. 140.44-142.19 - very fine-grained groundmass, hard, light pale greenish-grey with phenocrysts ~3mm. At contact minor chilled margin.					100.0 103.1	1.85
						103.1 104.6	.98
						104.6 107.7	2.36
						107.7 109.5	.53
						109.5 111.3	.66
						111.3 114.4	.95
						114.4 115.6	.61
						115.6 118.3	1.43
						118.3 121.4	
142.19- 153.73	Cherty phyllite - as above. 145.4-145.46 - high amount lt. gray chert with thin wiggly black lines and fairly thick grey-green argillaceous partings. 148.6 - 2 band ~½ cm, 1½cm thick of finely disseminated pyrite pyrrhotite.					121.4 122.0	
						122.0 122.9	
						122.9 124.4	
153.73 - 154.21	Gradational contact between cherty phyllite and black medium to coarse grained limestone.					124.4 126.2	
	Cherty phyllite becomes more limey and bands of limestone increase down hole.					126.2 127.4	1.89
154-21 - 157-49	Medium to coarse grained black limestone with abundant white calcite veins, moderately					127.4 129.3	
	abandunt stylolites, occasional cherty layers with pyrite, pyrrhotite. Only mineralization					129.3 130.5	
	noted was that in the cherty layers. 154.43-154.9 - numerous round white calcite					130.5 133.0	
	blebs with no internal structure - recrystalized oolites?					133.0 134.2	
157.49 - 157.69	Gradational contact from limestone to cherty phyllite.					134.2 136.6	
157-69 - 160.07	Cherty phyllite - as above					136.6 139.4	
160.07 - 162-93	Dark grey to black massive limestone with occasional stylolites, very abundant calcite veins, fairly high amount of cherty phyllite					139.4 141.6	.01
						141.6 143.0	.01

LOGGED BY T. Neale

HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-1
	DEPARTURE	SLOPE	PAGE 6/7
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Cu	Avg.	FROM TO	SHORT
	mixed in. Only pyrite, pyrrhotite noted is in cherty sections. Upper contact is gradational. 162.44-162.93 - pyrrhotite, pyrite 2%.					143.0 145.7	.02
						145.7 148.8	.24
162.93 - 165.92	Dyke - pale green, hard, minor disseminated pyrrhotite, pyrite (up to 1%); calcite veins up to 4mm wide with very minor disseminated pyrrhotite, pyrite in them. Phenarysts are chloritized. Chilled margin at upper contact, lower contact not included in core.					148.8 150.4	.07
						150.4 151.0	.08
						151.0 153.4	.34
165.42 - 166.68	Dark grey to black limestone as above, with a gradational contact with cherty phyllite from 166.4-166.68.					153.4 156.1	.56
						156.1 156.7	.13
166.68 - 185.35	Cherty phyllite - as above. 169.99 - 3 x 1cm blob of pyrrhotite - pyrite. 170.71 - higher concentration of pyrrhotite, pyrite with small amount chalcopyrite. 170.36-173.3 - section with very high proportion of chert. 170.36-171.12 - chert fragments very angular, quite large, looks very much like a breccia. 180.13-180.37 - fairly high amount of quartz veining, but only slightly higher amount of pyrrhotite, pyrite. 183.12-183.54 - calcite veinlets in quartz-rich cherty phyllite - only average amount of mineralization. 185.35 - several small (1mm) blebs of chalcopyrite in a 2x3cm blob of massive pyrite.					156.7 159.7	.03
						159.7 162.2	.14
						162.2 164.4	.12
						164.4 166.0	--
						166.0 168.6	1.28
						168.6 169.3	.03
						169.3 169.5	.02
						169.5 170.2	.07
185.35 - 191.2	Gradational contact cherty phyllite to limestone					170.2 173.3	.13
191.2 - 196.78	Med. grey limestone. In some places faint outlines of blocks of brownish grey limestone up to 6 cm across, cemented together by med. grey limestone. Some disseminated pyrite, pyrrhotite at 191.75. A lot of rusty stain in the fractures. A few stylolites.					173.3 174.3	.31
						174.3 175.6	.25
196.78 - 199.58	Limey cherty phyllite - very hard, quite carbonaceous, pyrite disseminated in chert fragments, quite high amount of chlorite in carbonaceous partings.					175.6 176.9	.18
						176.9 179.3	.3
199.58 - 204.0	Med. grey limestone. Medium grained, some stylolites, fractures very rusty, can see faint					179.3 181.1	.32
						181.1 182.5	.45

LOGGED BY T. Neale HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-1
	DEPARTURE	SLOPE	PAGE 7/7
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	AVG.	FROM TO	SHORT
	outlines of fragments ~1cm in size.					182.5 185.5	.97
End of hole						185.5 187.9	-
						187.9 191.2	.3
						191.2 192.8	.14
						192.8 193.6	.03
						193.6 194.5	.03
						194.5 195.6	.04
						195.6 197.0	.13
	Dip Tests:					197.0 197.6	.06
	100.0 m - 52.5°					197.6 198.0	.03
	204.0 m - 47.8°					198.0 198.9	.33
						198.0 199.3	-
						199.3 200.6	.02
						200.6 202.1	.02
						202.1 203.1	.01
						203.1 204.0	.1

LOGGED BY T. Neale T. Neale HOLE NO. 79-1

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM L

LATITUDE 16+97.30 N	BEARING 071.5	Hole No. 79-2	
DEPARTURE 23+06.68 W	SLOPE -60°	PAGE 1/11	
ELEVATION 1474.0 m	LENGTH 233.7 m	DATE STOPPED Nov. 23/79	

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Gr	AVG.	FROM TO	SHORT
0-1.8	Casing					1.8 5.5	1.41
1.8-9.76	Cherty phyllite - minor disseminated pyrite, pyrrhotite; also in veinlets; fractures very rusty. The argillaceous partings seem to have been silicified as they are very hard. Partings range in colour from yellow green to yellow brown, grey brown, light brown and black. The various colours may be due to very fine-grained mineralization of some kind.					5.5 7.0	.2
						7.0 8.5	.08
						8.5 9.6	.22
						9.6 11.6	.04
						11.6 13.7	--
						13.7 14.6	.16
						14.6 16.3	.17
9.76-12.27	Dyke - light grey to white, aphanitic, high amount (~4%) pyrite in irregular patches up to 1 cm, disseminated in crystals ~0.7 mm. Very hard. Green patches where chlorite replaces phenocrysts.					16.3 17.7	.43
						17.7 19.1	.08
						19.1 20.7	.08
						20.7 23.3	.5
12.27-13.24	Calcsilicate rock - very light grey to white, hard, fizzes a tiny bit with HCl, too granular on fresh surface for chert. Pyrite disseminated in irregular patches ~2%. Several thin (1 mm) carbonaceous lines near top of section.						
13.24-22.73	Cherty phyllite - top contact sharp. Minor quartz veining (~1 cm) with associated small amounts of massive pyrite (patches ~2 cm x 5 mm). 18.05 - chert has a maroon tinge.						
22.73-23.17	Blobs of massive pyrite (~20% overall) in cherty phyllite, associated with quartz veins.					23.3 25.6	.02

LOGGED BY T. Neale

HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

LATITUDE	BEARING	Hole No. 79-2
DEPARTURE	SLOPE	PAGE 2/11
ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	%	Avg.	FROM TO	SHORT
23.17-27.65	pyrite-quartz veins and pyrrhotite-pyrite veins					25.6 27.1	.26
	both with very minor associated black sphalerite					27.1 29.9	.1
	In cherty phyllite.					29.9 32.9	.08
27.65-28.52	pyrite-quartz vein (~70% py)	27.6 28.4	A4652	.04		32.9 34.6	.18
28.52-31.57	Cherty phyllite					34.6 37.7	.1
	29.05 pyrite in quartz - calcite - chlorite vein					37.7 39.0	.12
31.57-32.06	pyrite ~30% in quartz - chlorite vein	31.43 33.86	A4653	.18		39.0 42.1	.36
32.06-32.27	Cherty phyllite					42.1 43.6	.07
32.27-32.58	pyrite, pyrrhotite disseminated coarsely in quartz					43.6 46.7	.09
	vein						
32.58-33.25	Cherty phyllite - very chloritic					46.7 48.2	.12
33.25-33.87	massive pyrrhotite with disseminated blebs of black						
	sphalerite and chalcopyritein a quartz-chlorite						
	vein. Quite heavily "weathered".						
33.87-45.69	Cherty phyllite - quite competent due to high						
	proportion chert to partings. Partings are green,						
	black, pinkish brown, yellow brown, and brown.						
	Rather low amount disseminated pyrite, pyrrhotite.						
	44.59 - quartz vein with patches of pyrrhotite						
	with associated specks of chalcopyrite.						
45.69-47.86	Dyke - light grey, very fine-grained, very hard,						
	a few quartz-calcite veins with associated pyrite.						

LOGGED BY T. Neale T.N.

HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 3/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	AVG.	FROM TO	SHORT
	also disseminated pyrite, pyrrhotite. Some					48.2 50.9	.83
	sections very chloritic.					50.9 51.5	.02
47.86-48.2	Cherty phyllite - shot through with quartz (cakite)					51.5 52.8	.03
	- chlorite veins with associated pyrite.					52.8 54.3	.04
48.2-49.76	Cherty phyllite					54.3 57.3	.3
49.76-49.92	Dyke - as above					57.3 60.4	.1
49.92-50.15	Cherty phyllite					60.4 63.4	.2
50.15-54.85	Dyke - medium grey, quite hard, calcite veins					63.4 66.5	--
	common with associated coarsely disseminated						
	pyrite, very fine-grained. Also, a few quartz						
	veins with pyrite.						
54.85-55.05	Massive pyrite - very coarse-grained (cubes to						
	5 mm) in calcite. Pyrite ~85%, calcite ~15%.						
55.05-153.94	Cherty phyllite						
	56.10-56.26 - high amount pyrite in massive bands						
	associated with quartz-(calcite) veins						
	56.42-61.41 - abundant finely disseminated pyrr-						
	hotite in green argillaceous partings gives them a						
	speckled appearance. Pyrrhotite also in brown,						
	yellow brown, and black partings.						
	58.19-61.56 - 2 thin (2mm or less) discontinuous						
	veinlets of pyrrhotite running subparallel to core						

LOGGED BY T. Neale TM HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

LATITUDE	BEARING	Hole No. 79-2
DEPARTURE	SLOPE	PAGE 4/11
ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Cu	AVG.	FROM TO	SHORT
	63.76 - fracture filling with pyrite, pyrrhotite, chalcopyrite, jamesonite (?)					66.5 68.0	.18
	67.97 - pyrrhotite, pyrite, arsenopyrite, and a few flecks of chalcopyrite associated with thin quartz veim					68.0 71.1	.05
	69.04 - A couple of flecks of chalcopyrite associated with pyrrhotite.					71.1 74.1	--
	71.75 - Minor black spnalerite associated with pyrrhotite in quartz-calcite vein.					74.1 75.6	.25
	75.57-76.27 - occasional very tiny (≤ .1 mm) cubes to prismatic crystals of arsencpyrite. This section with arsenopyrite has mainly pyrite disseminated in it, whereas most other parts of the core have mainly pyrrhotite.					75.6 78.7	.17
	76.4-76.52 quartz-calcite vein with massive pyrite					78.7 81.7	.1
	80.99-81.10 quartz-calcite vein with minor pyrite					81.7 84.8	--
	84.44 - a 1mm fleck of arsenopyrite					84.8 87.8	--
	85.23 - a tiny fleck of chalcopyrite in pyrrhotite					87.8 90.3	.23
	95.24 - a few grains of black sphalerite associated with pyrrhotite in a slightly limey chert layer.					90.3 91.2	.09
	99.30 - a few arsenopyrite (?) crystals - extremely fine-grained					91.2 93.9	.81
	100.13 - arsenopyrite crystals, chalcopyrite associated with pyrite in carbonaceous, slightly ~~limey layer~~ 1cm wide.					93.9 96.7	.31
	110.54-113.46 - very finely disseminated arsenopyrite (?) in 4mm chert band @ 110.54. Occasional very tiny flecks of arsenopyrite disseminated throughout the section.					96.7 98.5	.18
						98.5 01.6	.26
						01.6 03.9	.46
						03.9 06.1	.03
						06.1 07.9	.14
						07.9 09.1	.62
						09.1 12.2	.27
						12.2 14.9	.52

LOGGED BY T. Neale TN HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 5/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	AVG.	FROM TO	SHORT
	113.71 - 1 fleck chalcopyrite associated with pyrrhotite					114.9 118.0	.08
	113.76-114.31 - cherty phyllite quite chloritic,					118.0 121.2	.21
	rather soft and crumbly as if weathered.					121.2 124.2	--
	115.07-115.56 - occasional very tiny grains of					124.2 127.3	.04
	arsenopyrite disseminated throughout					127.3 130.5	.06
	117.65-123.6 - occasional very tiny grains of					130.5 133.5	.06
	arsenopyrite disseminated throughout					133.5 135.6	.04
	120.29 - 1 fleck chalcopyrite, 2 flecks black sphalerite					135.6 138.8	.06
	associated with small blob pyrrhotite						
	128.31 - tiny bleb chalcopyrite associated with						
	pyrrhotite in quartz-calcite vein						
	129.05 - 1 crystal ~0.1mm arsenopyrite						
	132.49 - 1 speck of chalcopyrite						
	133.38 - bit of chalcopyrite associated with pyrrhotite vein						
	134.45 - massive arsenopyrite, black sphalerite						
	blobs ~2-3mm, pyrrhotite, pyrite, minor chalcopyrite						
	~~in quartz-calcite vein~~						
	136.98 - minor black sphalerite associated with						
	pyrrhotite in quartz-calcite vein.						
	137.26 - minor black sphalerite associated with						
	pyrrhotite in quartz-calcite vein.						
	137.26-137.54 - a few blebs black sphalerite in						
	quartz-calcite veins.						

LOGGED BY T. Neale

HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 6/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	%	AVG.	FROM TO	SHORT
	139.4 - arsenopyrite associated with pyrrhotite					138.8 142.0	.27
	144.01 - small amount of small galena crystals along					142.0 145.1	.12
	the edge of a quartz-calcite vein and very finely					145.1 147.8	--
	disseminated in nearby country rock. Also vein of					147.8 150.9	.15
	massive pyrrhotite with black sphalerite in irregular					150.9 153.9	--
	masses up to ~20%. Some arsenopyrite. Quartz-					153.9 157.0	.22
	calcite vein has pinkish tinge.						
	147.61 - 1 speck black sphalerite associated with pyrrhotite						
	148.83 - a few specks of galena, minor arsenopyrite,						
	1 fleck chalcopyrite, pyrrhotite in pink quartz-calcite vein.						
	152.45 - a couple of specks each of arsenopyrite,						
	galena at edge of white quartz-calcite vein with pyrrhotite.						
	152.47-152.49 - greenschist layer (fragment?)						
	with black sphalerite blobs ~2mm.						
153.94-154.42	Limestone - medium grey, medium to coarse-grained.						
	A few small calcite veins at upper contact with						
	pyrrhotite, minor arsenopyrite. A few very small						
	grains of arsenopyrite are disseminated throughout						
	the limestone. Sharp lower contact.						
154.42-158.86	Cherty phyllite - partings very chloritic - might						
	even be greenschist.						
	154.74-154.77 - a few flecks chalcopyrite associated						

LOGGED BY T. Neale TN

HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 7/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Zn	AVG.	FROM TO	SHORT
	with pyrrhotite in soft, slightly limey layer					157.0 158.2	--
	158.53 - small amount disseminated grains of galena					158.2 160.9	.39
	158.60 - pyrrhotite, arsenopyrite in quartz-calcite vein	158.6 162.6	A4654	.03		160.9 164.0	.1
158.86-159.25	Cherty phyllite with pyrrhotite, pyrite veins up to					164.0 167.0	.45
	1 cm with arsenopyrite disseminated throughout in					167.0 170.1	.47
	crystals and grains to ~1 mm. Partings very					170.1 173.1	--
	chloritic.						
159.25-159.60	Massive to nearly massive pyrrhotite and pyrite					173.1 176.2	.11
	with minor chalcopyrite, disseminated arsenopyrite						
	nearby. Cherty phyllite host rock very chloritic.						
159.60-161.41	Cherty phyllite with quartz-chlorite-calcite veins						
	with pyrrhotite, pyrite, black sphalerite, minor						
	chalcopyrite in them, moderate amount arsenopyrite						
	disseminated through rock in crystals to 2 mm.						
161.41-161.60	Massive Sulphides - mainly pyrrhotite (~90%), low						
	pyrite (~5%), chalcopyrite ~2%, black sphalerite						
	<1%, gangue ~2%						
161.60-162.43	Cherty phyllite with a few small pyrrhotite veins						
	with minor pyrite, low disseminated arsenopyrite						
	162.43 - quartz-pyrrhotite vein with minor pyrite.						
162.43-175.22	Cherty phyllite - many of the partings are very	162.6 166.6	A4655	.01			
	chloritic (greenschist?). Very minor disseminated	166.6 170.6	A4656	.01			
	arsenopyrite, pyrrhotite high.	170.6 175.1	A4657	.01			

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HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 8/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Gw Zn	AVG.	FROM TO	SHORT
	163.5 - fault gouge					176.2 178.9	.03
	172.0 - " "					178.9 182.0	.06
175.22- 179.26	Cherty phyllite with numerous bands of green-	175.1 179.27	A4658	.09		182.0 185.0	--
	schist that increase in width and frequency until					185.0 188.1	.1
	177.25. Associated with the greenschist bands are					188.1 191.1	--
	massive pyrrhotite and massive arsenopyrite bands					191.1 194.5	.27
	up to 2cm with minor pyrite, some black sphalerite						
	in a few spots, very minor chalcopyrite, moderate						
	amount disseminated arsenopyrite. After 177.25						
	there are fewer bands of greenschist, and only						
	"background" mineralization.						
179.26- 185.00	Greenschist - light to dark green, quite hard to	179.27 185.00	A4659	.01			
	soft in spots, pyrrhotite disseminated throughout						
	in irregular masses ~5mm, very dense and hard to						
	break, very fine-grained, has numerous irregular						
	masses to bands of light grey, medium grained						
	limestone from 1mm to several cm in size.						
185.00- 194.08	Dark to medium grey limestone. Massive on the	185.0 189.56	A4660	.01			
	whole, a few stylolites at top. Also near top, a	189.56 194.08	A4661	.01			
	small zone with small clasts of very dark green to						
	black greenschist. Occasional clasts of green-						
	schist in the section have a very minor amount of						

LOGGED BY T. Neale TN HOLE NO. 79-2

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CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 9/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% Zn	Avg.	FROM TO	SHORT
	pyrite, pyrrhotite associated. A few zones with					194.5 196.3	.11
	chlorite fracture fillings (?) with minor asso-						
	ciated pyrite. In several places there are solu-						
	tion cavities with drusy calcite partial infillings.						
	Moderate number of quartz and calcite veins.						
194.08- 195.59	Massive Sulphides	194.08 195.59	A4662	5.62			
	194.08-194.69 - the sulphides have a lot of lime-						
	stone mixed in, as well as a lot of dark green to						
	black chlorite intermingled with sulphides. Long						
	(1cm) rods of pyrite (possibly replacing jamesonite						
	and therefore similarly shaped) with pyrrhotite						
	and chlorite in between, and irregular blobs of						
	black sphalerite (up to 1cm) and calcite, and very						
	minor chalcopyrite. Limestone 35%, pyrite 25%,						
	pyrrhotite 19%, chlorite 15%, sphalerite 3%,						
	calcite 3%, chalcopyrite<<1% - approx.						
	194.52 - slicken sides in pyrite-chlorite rock.						
	194.69-195.59 - mainly massive medium-grained pyr-						
	rhotite with a fair amount of jamesonite, moderate						
	black sphalerite increasing downwards, small						
	amount pyrite, very minor chalcopyrite. Dark green						
	to black chlorite in fracture fillings and/or						
	veins. Lower contact very ragged, irregular -						
	suggests replacement. Pyrrhotite 75%, pyrite 10%						
	sphalerite 8%, jamesonite 7%, chalcopyrite <1% -						
	approximate.					196.3 197.2	.08

LOGGED BY T. Neale TN HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 10/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu Zn	AVG.	FROM TO	SHORT
195.59-209.70	Limestone - massive, dark to medium grey, medium					197.2 197.8	.1
	to fine-grained. Solution cavities with calcite					197.8 199.2	.41
	crystals partially infilling in a few places.					199.2 200.1	--
	Some places have a very faint hint of layering.					200.1 201.2	.02
	Light greenish-blue coating very common on					201.2 201.8	--
	fracture surfaces.						
	209.59-210.14 limestone has darker grey clasts of					201.8 203.3	.1
	limestone in it. Clasts are sub-angular, 1-2cm in	size.				203.3 203.9	.37
209.70-213.16	Limestone - as above with 6 veins of mineraliza-	209.7 213.16	A4663	.03		203.9 206.0	1.19
	tion from 1cm to 10cm wide. Veins contain pyrite,					206.0 206.7	.21
	chlorite, calcite in varying proportions and some					206.7 207.6	.01
	have minor pyrrhotite. In one a few very tiny					207.6 209.7	.41
	grains of arsenopyrite were noted within the cal-					209.7 212.8	.2
	cite. 1 speck of arsenopyrite noted in the lime-					212.8 215.8	.04
	stone.						
213.16-217.96	Massive Sulphides - 2 bands of limestone as above	213.16 215.68	A4664	.08		215.8 218.2	.01
	from 213.97-214.37 and 214.52-215.03. Sulphides	215.68 217.96	A4665	.09			
	are mainly pyrrhotite, with pyrite, minor sphalerite,						
	very minor chalcopyrite. Zones 1-2cm wide with						
	fairly high arsenopyrite. Where there is lime-						
	stone in with the sulphides there is a large						
	amount of chlorite as well.						

LOGGED BY T. Neale TN HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-2
	DEPARTURE	SLOPE	PAGE 11/11
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% CU	AVG.	FROM TO	SHORT
	215.01 - rock in sulphides changes from limestone					218.2 220.7	.2
	to greenschist - i.e. mineralized limestone -					221.9	.32
	greenschist contact!						
217.96- 220.34	Nearly massive to massive sulphides in green-	217.96 220.34	A4666	.22		222.2	.09
	schist. Greenschist is rather pale green grey to					223.1	.05
	grey, hard. Sulphides mainly pyrrhotite, with					224.6	.09
	pyrite, very minor black sphalerite, high amount					227.7	.18
	chlorite.						
220.34- 222.60	Greenschist - dark green, quite high pyrrhotite,	220.34 222.60	A4667	.11		229.2	.11
	pyrite in bands.					230.6	.37
	221.41 - fault gouge					233.7	1.02
	222.60 - " "						
222.60- 233.7	Cherty phyllite						
	225.79 - fault gouge						
	226.40 - 1cm calcite vein with pyrite, arsenopyrite,						
	sphalerite						
End of Hole							
	Dip Tests						
	127.1m 45.6°						
	233.7m 42.7°						

LOGGED BY T. Neale T. Neale

HOLE NO. 79-2

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM L

LATITUDE 17+7.69 N	BEARING 072	Hole No. 79-3	
DEPARTURE 22+47.79 W	SLOPE -60°	PAGE 1/6	
ELEVATION 1472.8m	LENGTH 177.7m	DATE STOPPED Nov. 27/79	

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	%	AVG.	FROM TO	SHORT
0-3.4	Casing - broken chunks of cherty phyllite-very rusty					0 4.9	3.41
3.4-113.46	Cherty phyllite - as described in logs for 79-1, 79-2					4.9 7.3	.45
	4.80-4.90 - pyrite sludge - pyrite crystals ~.5mm					7.3 8.2	.35
	with tiny rock chips.					8.2 11.3	.54
	4.93-4.98 - pyrite-quartz vein - pyrite crystals					11.3 13.6	.40
	up to ~3mm.					13.6 15.8	.2
	35.34 - pyrite, black sphalerite in pinkish calcite					15.8 17.4	.08
	vein ~2mm wide; very minor arsenopyrite disseminated					17.4 20.4	1.11
	nearby.					20.4 23.5	.46
	36.0 - pyrite-calcite-chlorite vein ~8cm wide.					23.5 26.5	.44
	Pyrite is coarse-grained.					26.5 30.0	.52
	38.94-39.06 - quartz-calcite vein with pyrrhotite,					30.0 32.6	.38
	blebs of sphalerite to ~3mm, 1 fleck of chalcopyrite					32.6 34.7	.34
	45.34 - quartz-calcite vein 5mm wide with chlorite,					34.7 37.2	.17
	pyrrhotite, minor black sphalerite, 1 fleck chal- copyrite					37.2 40.5	.48
	61.8 - small veinlet ~8mm wide with pyrite and a					40.5 43.1	.21
	reddish purple secondary Ag mineral (?)					43.1 46.0	--
	69.9 - fault gouge (?)					46.0 49.1	.19
	73.82 - pyrrhotite, pyrite ~1cm wide with minor					49.1 52.4	.01
	black sphalerite					52.4 53.9	.17
	74.0 - pyrite vein ~2mm with associated minor					53.9 59.8	.27
	disseminated arsenopyrite.					59.8 61.1	.27

LOGGED BY T. Neale T. Neale HOLE NO. 79-3

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-3
	DEPARTURE	SLOPE	PAGE 2/6
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Cu	AVG.	FROM TO	SHORT
	76.22-76.24 - calcite vein					61.1 66.1	.08
	81.2 - pyrrhotite vein~2mm wide with minor chalco-					66.1 69.2	.13
	pyrite, and minor arsenopyrite disseminated around it.					69.2 75.1	.05
	82.28-82.43 - quartz vein with massive pyrite with					75.1 76.8	--
	minor disseminated black sphalerite (blebs~3mm)					76.8 78.3	.33
	minor disseminated galena, arsenopyrite, very minor					78.3 81.4	.13
	chalcopyrite.					81.4 82.9	.06
	88.67 - jamesonite-pyrrhotite veinlet ≤1mm					82.9 84.4	.09
	89.92-90.46 - cherty phyllite shot through with quartz					84.4 87.5	.17
	veins with moderate pyrite, moderate disseminated					87.5 90.5	.17
	arsenopyrite, very minor chalcopyrite. Quite					90.5 92.7	.15
	chloritic, very heavily "weathered".					92.7 93.9	.17
	92.92 - 3mm calcite vein with 1 chunk of arseno-					93.9 94.8	
	pyrite~2x2mm					94.8 96.6	
	101.80 - minor fault gouge					96.6 99.7	
	102.50 - quartz vein (3mm) with a couple of 1.5x					99.7 100.9	.03
	1.5mm chunks of arsenopyrite					100.9 102.7	
	104.84-105.2 - rock very broken, some quartz veins					102.7 105.2	
	with high arsenopyrite; arsenopyrite disseminated					105.2 106.4	
	throughout in moderate amounts.					106.4 108.8	
	109.6 - fault gouge					108.8 111.9	
	109.47-109.72 - quartz veins with minor arseno-						

LOGGED BY T. Neale T.N. HOLE NO. 79-3

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

LATITUDE	BEARING	Hole No. 79-3
DEPARTURE	SLOPE	PAGE 3/6
ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% Zn	AVG.	FROM TO	SHORT
	pyrite; rock very chloritic, very heavily "weathered"					111.9 114.6	.25
	110.11-110.22 - quartz vein with minor pyrrhotite					114.6 115.2	.47
	very minor arsenopyrite.					115.2 118.0	.14
113.46-113.53	Greenschist - as described in log for 79-2	113.46 115.46	A4668	0.19%		118.0 121.0	.15
113.53-115.2	Cherty greenschist - shot through with quartz veins,					121.0 121.9	.27
	slightly higher amount of pyrrhotite, pyrite than						
	in rest of core. From 114.6-115.2~22% core						
	recovery - fault (?)						
115.2-115.35	Massive pyrrhotite with pyrite, minor quartz vein-						
	ing; at greenschist - limestone contact						
115.35-118.97	Limestone - fine to medium-grained, medium to dark						
	grey; in upper portion thin irregular black laminae						
	common; occasional finely disseminated pyrrhotite						
	116.53 - a small pyrrhotite veinlet						
	117.13-117.46 - calcite vein with pyrrhotite,						
	pyrite, very minor sphalerite, chalcopyrite, arsen-						
	opyrite. At the edges are a 6cm (top) and 3cm						
	(bottom) band of massive pyrrhotite with high						
	chlorite						
	117.64-117.87 - large blobs (1x4cm) of pyrrhotite						
	associated with calcite veins.						
118.97-121.71	Massive Sulphides - coarse grained crystalline py- rite with low pyrrhotite, minor sphalerite in	118.97 121.71	A4669	0.05%			

LOGGED BY T. Neale

HOLE NO. 79-3

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-3
	DEPARTURE	SLOPE	PAGE 4/6
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	% [illegible] Zn	AVG.	FROM TO	SHORT
	quartz - (calcite) vein. Very vuggy.					121.9 124.1	.16
121.71- 122.4	Limestone-light to medium grey, medium grained	121.71 124.19	A4670	19.80%		124.1 127.1	--
122.4- 122.65	Limestone with quartz veins with black sphalerite,					127.1 130.2	--
	minor disseminated pyrrhotite, pyrite.					130.2 131.4	.01
122.65- 123.40	Limey greenschist with 25-30% black sphalerite					131.4 133.2	.04
	and minor pyrrhotite. Fair amounts chlorite and					133.2 136.3	--
	olivine (?)					136.3 139.3	--
123.40- 124.19	Massive black sphalerite with some pyrrhotite,					139.3 142.3	--
	fragments of limey greenschist.						
	124.19 - greenschist - limestone contact						
124.19- 127.26	Limestone-medium to dark grey, fine-grained, mas-	124.19 127.76	A4671	0.21%			
	sive; several pyrite veinlets, 1 pyrrhotite veinlet						
	126.94-2.5cm pyrite-chlorite-black sphalerite vein						
127.26- 134.65	Greenschist-pale green-grey to brownish-grey to						
	green. Soft to hard. Limestone clasts abundant.						
	Brownish grey areas probably have extremely fine-						
	grained pyrrhotite as they are slightly magnetic						
	Several large quartz and calcite veins in the first						
	few metres with no associated mineralization. Low						
	to moderate amount of pyrrhotite disseminated						
	throughout section.						
139.65- 141.05	Limey phyllite with considerable amounts of inter- bedded cherty phyllite and greenschist. Quite	139.65 143.62	A4672	0.95%			

LOGGED BY T. Neale

HOLE NO. 79-3

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-3
	DEPARTURE	SLOPE	PAGE 5/6
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG No.	%	AVG.	FROM TO	SHORT
	high pyrrhotite, pyrite, fairly chloritic. Upper					142.3 145.4	.06
	and lower contacts are gradational.					145.4 148.4	.12
	139.63 - calcite vein 1.5cm wide with high arsen-					148.4 151.5	.32
	opyrite, fair pyrrhotite. Arsenopyrite occurs in						
	masses up to 8x4mm.						
	139.63-140.28 - arsenopyrite, pyrrhotite dissem-						
	inated throughout in low to fair amounts						
	140.28-140.38 - arsenopyrite disseminated ~5-10%,						
	also pyrite, black sphalerite, minor chalcopyrite.						
	140.38-140.52 - minor disseminated arsenopyrite,						
	fair pyrrhotite, 1 blob black sphalerite						
141.05-143.62	Cherty phyllite with fair amounts of interbedded						
	greenschist and limestone. Upper and lower con-						
	tacts are gradational.						
	143.15-143.45 - arsenopyrite ~30-35%, pyrite ~15%,						
	minor chalcopyrite; in quartz						
143.62-150.37	Cherty phyllite						
	149.88-band of massive arsenopyrite up to 1.5cm						
	wide next to pinkish quartz vein ~km wide. Also						
	2-3mm band of disseminated arsenopyrite on other side of vein.						
	150.37 - 5cm band of very chloritic fault gouge						
150.37-150.98	Cherty phyllite-very chloritic, very heavily						

LOGGED BY T. Neale TN HOLE NO. 79-3

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

PROPERTY Lustdust CLAIM

	LATITUDE	BEARING	Hole No. 79-3
	DEPARTURE	SLOPE	PAGE 6/6
	ELEVATION	LENGTH	DATE STOPPED

GEOLOGY		SAMPLES				RECOVERY	
FROM TO	DESCRIPTION	FROM TO	TAG NO.	% CU	AVG.	FROM TO	SHORT
	"weathered", slightly limey, chewed up.					151.5 153.6	.24
150.98-151.54	Cherty phyllite - as from 150.37-150.98 but					153.6 155.1	--
	extremely broken up as well					155.1 156.4	.11
151.54-153.36	Limestone - medium to dark grey, medium-grained;					156.4 157.6	.5
	abundant calcite veins; very minor pyrite occurs					157.6 158.8	.86
	in some of the very few arqillaceous partings; a					158.8 159.7	.08
	few stylolites; massive on the whole; chlorite					159.7 162.2	.92
	occurs in fractures and semi-pervasively at the					162.2 163.1	.07
	top of the section. Bottom contact fairly sharp					163.1 164.6	.06
	153.13-153.23 - slicken sides on chloritic fracture					164.6 165.2	.18
153.36-153.79	Cherty greenschist					165.2 166.1	.2
153.79-154.03	Limestone - massive, medium grey					166.1 166.7	.28
						166.7 167.9	.21
						167.9 168.9	.45
154.03-154.99	Cherty greenschist					168.9 171.0	.36
	154.43-154.49 - zone with high pyrite and very					171.0 171.6	--
	minor arsenopyrite					171.6 172.2	.09
154.99-177.7	Cherty phyllite - quite chloritic					172.2 172.8	.24
	155.88-2cm band with high arsenopyrite, pyrite					172.8 173.4	.02
	157.4 - rock very broken.					173.4 174.0	.14
End of Hole						174.0 175.9	1.36
	Dip Tests					175.9 177.7	1.44

LOGGED BY T. Neale

121m - 53.3°
177.7- 48.9°

HOLE NO. 79-3

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Zapata Granby Corporation,
Granisle Copper Division,
15th Floor, 1066 W. Hastings St.,
P.O. Box 12524,
Vancouver, B.C.

File No. 0693
Type of Samples Core
Disposition

ASSAY CERTIFICATE

Lustdust, DDH 79-2, 79-1

P.O. No. 1099

(Metres)

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton	Depth	Interval	No.
1	A 4651	.02	.12	.81	.10	.005	79-1, 38.88-42.04	3.16	1
2	4652	.01	.02	.04	.32	.012	79-2, 27.6-28.4	0.8	2
3	4653	.05	.03	.18	.23	.001	31.43-33.86	2.43	3
4	4654	.03	.01	.03	.04	.004	162.6-158.6	4.0	4
5	4655	.01	.01	.01	.01	.001	162.6-166.6	4.0	5
6	4656	.01	.01	.01	.01	.001	166.6-170.6	4.0	6
7	4657	.01	.01	.01	.03	.006	170.6-175.1	4.5	7
8	4658	.02	.04	.09	.06	.006	175.10-179.28	4.18	8
9	4659	.01	.03	.01	.01	.001	179.28-185.00	5.73	9
10	4660	.01	.01	.01	.01	.001	185.0-189.56	4.56	10
11	4661	.01	.01	.01	.01	.001	189.56-194.08	4.52	11
12	4662	.12	.54	5.62	.29	.006	194.08-195.59	1.51	12
13	4663	.01	.01	.03	.02	.001	209.7-213.16	3.46	13
14	4664	.08	.01	.08	.06	.004	213.16-215.68	2.52	14
15	4665	.14	.02	.09	.14	.003	215.68-217.96	2.28	15
16	4666	.07	.01	.22	.08	.001	217.96-220.34	2.38	16
17	A 4667	.03	.02	.11	.03	.002	220.34-222.60	2.26	17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Nov. 29, 1979
DATE REPORTS MAILED Dec. 3, 1979
ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone:253 - 3158

To: Zapata Granby Corporation,
Granisle Copper Division,
15th Floor, 1066 W. Hastings St.,
P.O. Box 12524,
Vancouver, B.C.

File No. 0706
Type of Samples Core
Disposition

ASSAY CERTIFICATE

Lustdust, D.D.H. 79-3

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton	Depth Interval	Width (Metres)	No.
1	A4668	.08	.02	.19	.22	.011	113.46-115.46	2.0	1
2	A4669	.02	.02	.05	.09	.004	118.97-121.71	2.74	2
3	A4670	.03	.01	19.80	.10	.005	121.71-124.19	2.48	3
4	A4671	.01	.01	.21	.02	.002	124.19-127.76	3.57	4
5	A4672	.02	.01	.95	.05	.020	139.65-143.62	3.97	5
6									6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

DATE SAMPLES RECEIVED Dec. 6, 1979
DATE REPORTS MAILED Dec. 10, 1979
ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

L-10 N L-15 N L-17 N L-19 N L-24 N L-26 N L-28 N L-37+50 N

B.L. 30 W

N

NEW ACCESS

"L" MINERAL CLAIM

DDH 79-2 -60°

DDH 79-3 -60°

233.7m

177.7m

DDH 79-1 -60°

204.0m

L-21 N

L-0+00

L-5 N

JCP "L" MINERAL CLAIM

B.L. 20 W

CUT LINE 1979

MV-1

TAKLA 2

WOW-1

MV-2

"K" MINERAL CLAIM

"AIR" MINERAL CLAIM

CANYON CREEK

LCP "AIR" MINERAL CLAIM

B.L. 10 W

"M" MINERAL CLAIM

LCP "K" MINERAL CLAIM

CANYON

LCP "M" MINERAL CLAIM

B.L. 0+00

L-0+00

CROWN GRANTS

L-5 N L-10N L-15N L-17N L-19N L-21N L-24N

L-26N L-28N L-30N L-32N L-34N L-36N L-37+50N

LEGEND:

- CREEK
- ROAD SYSTEM
- BASE LINE & GRID LINE CUT and PICKETED
- GRID LINE, CHAINED & FLAGGED ONLY
- LEGAL CORNER POST
- DIAMOND DRILL SITE 1979

GEOLOGICAL ASSOCIATION OF CANADA W. J. WILKINSON FELLOW

0 100 200 300 400 500

METRES
1:5,000

MINERAL RESOURCES DIVISION ASSESSMENT REPORT NO. 7759

DATE REVISED	BY	DRAWN BY: FWF	ZAPATA GRANBY CORPORATION	TITLE: SITE PLAN
DEC. 18/1979	MJW/FWF	CHECKED: W.J.W.	PROJECT: LUSTDUST (N°. 339)	FIGURE 2
		APPROVED:		
		DATE: NOV. 28, 1979		

LEGEND

- L — GREY LIMESTONE
- PHYLLITE (P), ARGILLITE (A), CHERT (C)
- V — GREENSCHIST
- f — FELSITE DYKES
- D — DIORITE
- GRANODIORITE
- SKARN (COARSE CRYSTALLINE GARNET - HEMATITE)
- S — FRESH SULPHIDES
- CONTACT (EXPOSED, ASSUMED)
- FAULT (APPROXIMATE, INFERRED)
- PROMINENT SURFACE LINEATION
- OUTCROP & ROAD / TRENCH EXPOSURES
- BEDDING, CONTACT ATTITUDE
- FOLIATION ATTITUDE
- JOINT ATTITUDE
- ROAD & TRENCH
- BOUNDARY OF OTHER CLAIMS

55°35'

BASE LINE 30 W

BASE LINE 20 W

BASE LINE 10 W

BASE LINE 0+00

125°25'

LION L15N L17N L19N L21N L24N L26N L28N L30N L32N L34N L36N L37+50N

NO OUTCROP

PROPOSED SITE F -60°

DDH 79-2 -60° 233.7m

DDH 79-3 -60°

DDH 79-1 -60°

MV-1

MV-2

TAKLA 2

HIDDEN RIDGE

LEP RIDGE

WOW

A B C D E F G H I

WEST GRID STATIONS

CREEK

CROWN GRANTS

NO OUTCROP

OUTLINE OF K, L & M CLAIMS

N

GEOPHYSICAL LEGEND:

VPEM CONDUCTOR TREND
F V-4
G H-4 50m
LOOPS — DEPTH (metres)
CONDUCTOR RESPONSE
WV = WEAK VERTICAL
SH = STRONG HORIZONTAL

INSTRUMENT: CRONE P.E.M.

GEOLOGICAL ASSOCIATION OF CANADA · W. J. WILKINSON · FELLOW ·

0 100 200 300 400 500
METRES (1:5,000)

To Accompany Geophysical Report on Lustdust Property
Date October 1979
By GLEN E. WHITE B.Sc. GEOPHYSICIST

CLAIM BOUNDARY

LOCATION MAP
0 1000 2000 3000 METRES

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7159

REVISED:
~~Nov. 21, 1979~~
~~Nov. 28, 1979~~
Revised to show DRILL SITES..... To accompany Diamond Drilling Report, L & M Mineral Claims Date December 15, 1979 by W.J. Wilkinson, B.Sc.

NTS 93-N-11 W

ZAPATA GRANBY CORPORATION
LUSTDUST PROPERTY
OMINECA M.D.

VECTOR PULSE ELECTROMAGNETOMETER
CONDUCTOR TREND MAP
SHOWING DDH SITES

Glen E. White geophysical consulting & services ltd.

INTERPRETED BY:	G.E.W.
DRAWN BY:	F.W.F.
CHECKED BY:	G.E.W.
DATE:	October 26, 1979
FIG. No.:	3

VanCal