DRILL RESULTS, 1981

WINDY-CRAGGY

&

BUDGET PROPOSAL #1, 1982

PN 135

December 31, 1981

J.J. McDougall

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FORWARD

During the short 1981 field season the first stage of a proposed two stage drilling programme on the W.C. massive sulphide deposit in northwestern B.C. was completed. Basic assay data is finally available and is presented in this report. Secondary data required for a complete assessment of the 1981 work has either not been received as of this date (December 17), or time and personnel available have been totally inadequate for final report compilation. Much of this delay was expected considering the late date at which authority to proceed with the programme was received.

An inclusive summary report will be prepared within the next couple months. Included will be 1) Petrographic study of select specimens so that rock units can be correctly labelled. (2) Check assays including fire assay reruns of presently AA – determined gold and silver (i.e. the size of sample used may be critical). A shipment of rejects from the Whitehorse assayers for this and other purposes, such as multi element scans, is awaited. (3) A study of trends (zoning ,alteration, etc) within the deposit, including more accurate locational plotting of geophysical data. (4) More detailed plans for the property, which are dependent on any escalation of scope, as is #5 below. (5) Plans for testing two other prospects, if optioned.

The physical and historical aspects of Windy-Craggy were adequately described in the February, 1981 Report and will not be repeated here.

I Abstract

First and second stage programmes were designed to test-drill the largely unexposed deposit for continuity, including depth, along a relatively accessible 3000 feet of minimal strike length. The first stage, 10 drill holes totalling 2540.96 metres (8336.48 feet), successfully outlined the southern portion of the deposit within broad parameters along a strike length of 400 metres (1312.3 feet), and indicated mineralization to extend to depths of at least 492 metres (1614 feet).

II Drill Statistics

1981 Drill locations are plotted on map 034 /81a (in pocket). Drilling conditions proved difficult, as expected. Unexpected conditions included refusal of the drill crews to drill through the ice where there was any indication of snowcovered crevasses, and perma-frost problems affecting the John Deere 450 tractor while attempting access and set-ups in the talus. Heavy helicopters required for drill moves were not available (due to forest fires) in August, nor were heavier float planes available when required. In addition, the unusually large amounts of massive sulphide encountered created hole flushing problems, particularly when reagents designed for the process failed to work when mixed with high acid (pH 3 to 4) water. The greatest overall problem, however, was that of water shortage or water line freezing, there being (according to Longyear) no heater yet designed to warm ice cold water adequately in a 3 inch line under the tremendous pressure used in the system. Drilling problems could not be solved within the very short, two month, first-stage season, but will be in the second.

Of 9 drill holes attempted on the main deposit, 3 were abandoned (#9 temporarily) before entering the sulphide zone, 3 were abandoned within significant sulphides, and only 3 (#1, 5(b) and 8) cut through the main zone with any certainty. As described

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above, most problems were mechanically related despite the extreme difficulty involved with trying to drill a steep deposit with set-ups limited laterally by topography. Three thousand feet of BQ drill rod was left in 4 holes, probably sulphidecemented, "mushroomed" core tubes being the reason. This explains the absence of dip tests near the bottom of some holes (Tropari tests for bearings proved useless due to magnetics).

The above drill-related problems accounted for much of the \$100/ft overall costs of 1981 drilling - about the same as Pan Ocean's were along a road in McMillan Pass, Y.T., and about half of that expected in southern B.C.. A set of photos (# 1 to 9) depicting 1981 work are included in the Appendix.

III Conclusions

Despite many problems due to the pioneering aspects of the project, first stage drilling was successful in outlining the southern portion (1/3?) of the W.C. massive sulphide deposit. The main north center of the large body, it's presence now better confirmed by airborne geophysics, remains to be tested in 1982 as per earlier recommendations. Initial plans were to work outwards from this more northern location in 1981, but difficulties described forced most work southerly where the partially drilled zone was only of secondary interest. Snow drilling, earlier envisioned, now appears doubtful in 1982 and the longer, more expensive alternative holes from the ridge top are required.

Zoning suggested within the deposit is such that copperrich segregations may occur, especially to the north where the closest drill hole encountered the best continuous copper section to date, 66 ft of 2.6% Cu within a 107 foot zone where 40 feet of similarly logged material appears misplaced by the assayer (?). This was part of a massive sulphide zone whose core length of 800 feet averaging 60% S₂ represents a suggested true width of 670 feet. Map 034(b) (pocket) is an attempt to contour copper and sulphide values projected to surface, the purpose being to suggest trends, etc..

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Conclusions (contd.)

All sulphides encountered, with the possible exception of pyrite in shale, and the probable exception of chalcopyrite, are cobaltiferous with approximate uniform or straight line Co/S ratios. The highest cobalt assays of 0.24% occurs in 83% sulphide material (specimen) (1% copper) suggesting a maximum 0.30% Co in pure sulphide. This number is not far from that suggested by earlier micro-probe work. The distribution of cobalt in pyrite vs that in pyrrhotite in the drill core is not known at this time. A scatter plot (Fig 10/81) is (or will be) prepared using sulphur vs cobalt.

<u>Gold-Silver content</u> is minimal but assayable. Checks will be made as earlier sampled material, tested by fire assay, suggested an erratic but higher pm content, especially silver. Pm values would probably best be determined in a chalcopyrite concentrate.

<u>Zinc content</u> in the main zone is so low (maximum 900ppm over 35 feet in hole 5(b)), that copper-zinc ratios utilized in zoning studies are hardly valid. Zinc in adjoining shales (DDH #3) reached 1275 ppm across 100 feet. Sphalerite associated with a siliceous breccia is present in one section and perhaps a detailed but very local examination (planned) may suggest an orderly rather than haphazard arrangement not recognized during logging. Siliceous volcanic float containing sphalerite and galena is known elsewhere, including the Tats-Kowall area.

The value of rock geochemistry is in doubt as the area sampled (1000 feet across the deposit) is within the central aureole of the deposit itself, (Fig 11/81). Sampling should be carried out across several thousand feet, but this is far easier said than done. Erratic values (i.e. Na) appear across the deposit as sampled such as to suggest lack of recognizable orderly depletion or enrichment, but a detailed study may shed more light on this.

Water analyses (Red Creek) are interesting, (Table 12/81) confirming that it should not be drunk by humans. Metal content is highly anomalous save for silver which is below detectable levels.



TABLE 12-81

GEOCHEMICAL WATER ANALYSES - RED CREEK

SAMPLE NO.	Cu	Zn	Ag	<u>0</u>	<u>Fe</u>	As	pH	SO4
1	9.91	.12	.001	1.16	45.50	.01	4.0	175
2	9.25	.11	.001	1.05	42.00	.01	4.0	170
3	9.40	.11	.001	1.10	43.50	.01	4.0	172
4	9.35	.11	.001	1.10	43.10	.01	4.0	180
5	21.40	.34	.001	2.60 1	.92.00	.01	4.0	420
6	9.50	.11	.001	1.10	44.00	.01	4.0	174

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* All elements in ppm

* Some sediment??

IV The 1981 Drill Programme

a) Historical and Chronological

Two new Longyear Drills (FLY 38's) were utilized by Longyear Canada on the job. Due to the lateness of the season, there was no chance to properly appraise the job beforehand, and our 1965 experience (BBS1 - AQ drill holes) was used as the sole guide.

Fifty mile helicopter hauls instead of planned and cheaper fixed wing <u>transportation</u> had to be used for the same reason. D.J. Drilling, who were initially interested in the job, had to commit themselves to other work well before the W.C. project was approved, and we were only able to get Longyear due to a sudden cancellation in the Yukon. D.J. did, however, let us rent the new <u>John Deere 450 tractor</u> they felt necessary for drill moves, and this was flown to the property in pieces by a Bell 212 helicopter, the largest available in the north. This bit of pioneering proved extremely expensive, unexpected costs being largely due to assembling charges. However the tractor proved very useful even if it could not navigate the terrain north beyond Section F-F', and it is still on the property. b) Fuel Hauls

A fixed wing <u>fuel haul</u> was made in late winter (April/81) on D.J.'s recommendation but unfortunately this (100bbls±) amounted to only 30% of that ultimately required, the extra having to be later ferried using an unreliable fixed wing supplemented by numerous and expensive helicopter hauls.

c) Camp

A 15 man <u>main camp</u> was set up at Tats Lake and later supplemented by a small, part time drillers camp on the property. The <u>FNM building</u> planned for the property was not completed until September, due to requirements elsewhere of our versatile foreman, John Hugi, involving unplanned extensions to Maid of Erin work beyond that originally outlined by the writer. The "relatively adjacent" Maid of Erin (ME) work was suggested to coincide with the W.C. programme for obvious reasons, and the arrangement worked well except that flowers were blooming at Tats Lake weeks before snow had melted at M of E, and we had planned on the reverse. Fortunately a road-building contractor near M of E, General Enterprises, served as a "hotel" and made work on both projects far more efficient. (G.E. also hosted the <u>Dighem Airborne Geophysical</u> group contracted by the writer to fly the M of E plus a portion of the W.C.).

d) Helicopter

Due to the lateness of the season, and the minimal contract envisioned, no <u>helicopter operator</u> contacted was interested in a "less than 6 month" contract save for <u>Pacific Helicopters</u> of Delta obtained through the recommendations of ex - FNM pilot Ed Phillips. As it turned out, Pacific did far better (due to lack of forest fires) than most groups, particularly TNTA of Whitehorse, who turned us down. The Bell 206B, used to transport drill crews from Tats Camp to the W.C. on a daily basis, and to support the drill, performed perfectly save that several of the alternating and inexperienced crews caused problems such as dropping, and unreported misplacing, of drill core (some of our current problems with the assays). By the end of the season one expert "contract pilot" (Bill Michael) emerged and must be considered for 1982, although a slightly larger helicopter is required for efficiency.

e) Core Logging

Although the writer did most of the organizing of the W.C. project, geological help was required and this was obtained on a last minute basis thru G.A. Noel, head of a consulting group engaged for the season at M of E. A new employee - <u>Don</u> <u>Hoy</u> - was supplied by G.A. Noel Consultants essentially to log core along the same basis it was logged in 1965. Unfortunately, during a hold-up in assay results in October, the writer agreed to release Hoy for a couple weeks work for his company in California where he is still (Dec 17) "marconed" on a mountain top in California. He will contribute towards the final report, however. The writer had little opportunity to supervise Hoy in the field but all drill core, split or otherwise, is available for relogging if the situation demands it. One important feature stressed by the writer was logging at the drill site <u>before</u> helicoptering to base camp. Thus the grade of core dropped by panicky pilots can at least be intelligently estimated. (Fortunately most core dropped was from abandoned holes except that some 20 feet included material that should have run 6%, the highest recorded in 1981. Secondary enrichment, however, may have accounted in part for some of these high numbers in the case involved and the assays received should be 'cut').

f) Sampling Procedures

A decision was made to log core and assign <u>assay intervals</u> at Tats Lake, then fly the cores to M of E for splitting, storage, and road transport out. This was for reasons of excess noise involving sleeping drillers on night shift, and the better facilities, including power, at M of E where we could retrieve any core required for bench tests, etc, by truck and/or snowmobile. Original plans were to split core on the property, but our facilities were not installed until drilling had ceased, as per problems described. All core was moved to M of E, save for unassayed parts of #8, 9 and 10, which, due to critical helicopter fuel shortages caused by the "seizure" of helicopter fuel at Dezadeash Lake by overzealous <u>Yukon Park Wardens</u> near a Picnic Site used since 1958, and the subsequent failure by <u>Air North</u> of Whitehorse to find any other suitable water landing within 100 miles, had to be left at Tats Lake.

Except for a few core trays which mysteriously "disappeared" between Tats and M of E (evident now on D. Hoy logs), all <u>core</u> <u>showing more</u> than 5% sulphides was split and assayed (core lost does not affect overall grades, and estimates of the grade of that missing can be made with reasonable accuracy if required). Attempts were made to sample at 10 foot intervals except where

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obvious changes in character were noticed. As several tons of sample was involved, and we had experienced problems with CPA to Vancouver in the past, it was decided to utilize <u>Bondar</u> -<u>Clegg in Whitehorse</u> following confirmation of their ability by known Bondar-Clegg officials in Vancouver. However, as shown on the logs, we are still missing a few samples.

g) Assay Procedures

To date, check assays have not been made and we have no reason to suspect number problems with Bondar-Clegg, Whitehorse. Normal waiting time for assays in Vancouver increased from 5 to 6 weeks in 1981 due to heavy geochemical demands (we are still waiting results from May drilling at Moyie although samples were submitted in October) and Whitehorse proved even slower, thus the lateness of this report. Cobalt and copper assays were done in Whitehorse and are acceptable to the writer based on past experience plus current core logs. A couple exceptions noted would not affect overall results significantly. Gold, Silver, lead and zinc were done geochemically (AA) and some gold-silvers will be checked by fire assay methods. Sulphur assays were carried out by Bondar-Clegg in Vancouver and shown in the logs as "sulphide (S_2) " - a close approximation being that pyrrhotite, the dominant sulphide, contains about 40% sulphur and that the only other sulphides, pyrite and chalcopyrite, would not significantly change this generalization more than a percent or two, which is unimportant at this stage.

Assays are presented in the drill logs enclosed and are plotted on accompanying assay sections. Cobalt, copper, sulphur, and any anomalous value in pm's or zinc, are included in individual or composite form. Transparent overlays contain the copper-cobalt sulphide values and the underlays contain the general geology.

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V <u>Geology</u>

a) Orientation

The Geological Sections will be further defined at a later date; to this point no trouble has been experienced in locating the sulphide zone utilizing more than a simple interpretation of geology. The western contact of the sulphide zone was accurately predicted in all holes to within a few feet of it's intersected location. The totally unexposed eastern contact is more of an unknown. Attitudes suggest that, although the western contact (fault controlled in part) is near vertical, some of the massive sulphides $(+70\% S_2)$ occur as easterly dipping lenses (?) within the zone. Due to lack of holes and penetration, plus faulting, the attitude of the Easter Contact is uncertain. Thus we do not know at this time what is "hangingwall" and what is "footwall". Regional observations on the Windy Claims suggest a steep easterly dip while those on the Craggy suggest a vertical to steep westerly dip. The writer is unprepared to be committed at this stage. It appears that plunging sulphide shoots are likely but evidence is again too skimpy for support.

b) Rock Types

Cross sections suggest, as earlier described, a western environment consisting of felsitic to moderately basic volcanics (andesites) interbedded with shales (some of which are prominently calcareous and may serve as marker horizons). The sulphide zone consists (at least in the south) of at least three steeply dipping paralleling bands. These may merge into a single unit to the north? Rocks to the west of the sulphides are dark chloritic volcanics (andeso-basalts) followed by a dense black shale and/or argillite unit at least several hundred feet thick. Alternating bands of volcanics and shales (argillites?) appear evident at the first exposures over 1000 feet east.

Utilizing the Anyox Model (see earlier discussions) either contact would qualify as "footwall" at this stage. Alteration appears to be Lower Green Schist.

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c) Sulphide Zone

The <u>sulphide zone</u> consists of the often described massive sulphides (70% pyrrhotite, minor pyrite and chalcopyrite) flanked by "<u>stringer-zone</u>" type mineralization ($\pm 30\%$ S₂) which may contain significantly different chalcopyrite/pyrrhotite ratios. 1981 drilling showed extensive "crackle" or weakly brecciated zones containing a higher chalcopyrite/pyrrhotite ratio, but these require further definition on the section before comment is made. Sulphide persists thru depths of at least 1500 feet (photo7/81). d) Anomalous Geological Features

Based on west (footwall??) geology, and observation of the sections (i.e. model photographs enclosed, Sect. C-C'+40N & Photo 6) it appears that DDH #10 did not penetrate the main zone as intended (it was hoped the hole would flatten) before being abandonned due to freeze-up. Faulting may have caused complications. This hole collared in ice and can not be reentered, one problem with ice cap drilling.

Some problems were encountered with <u>cavities</u> having large dimensions and no surface representation - i.e. DDH #2/81 and # 1(65). Pyrrhotite present prior to encountering the cavity oxidized rapidly, some visually within on hour of pulling, and the writer interprets the cause of the large cavity to be due to "burning", (rapid oxidization), of similar material, possibly due to pre Ice Age lightning strikes. Deeper holes showed no sign of this phenomena (see sections).

A breccia-like rock encountered under the snow cap (DDH #8 & 10) is suggestive of laharic breccia. Fragments are unlike those rocks exposed on surface and the matrix seems more tuffaceous than would be expected on a normal mudslide or in a derived calcrete. The breccia is deeply weathered in part but is unmineralized and appears to contain no sulphide fragments. In the two best exposures it overlies unmineralized volcanics but at a low dip angle. The origin is in doubt.

e) Shape of Deposit

In general it would appear that the W.C. deposit has the shape of a crater with tangents or offshoots to the north and south. 1982 drilling should confirm or deny this.

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f) North Extensions

No sampling was done on the north extension, in fact it was not even visited during 1981. Float from the north cliffs, where a steep sulphide body is exposed, (see Model, Photo 5/81) was sampled along a two mile moraine. Copper assays (Table 13/81) are erratic as in previous sampling but the cobalt content, also erratic, must be compared to total sulphides, assays (the material is decidedly more pyritic) for which are awaited. A few samples were taken by Mr. Kowall in the Tats-Kowall area. These are included here (Fig 14/81) for completeness, etc. Ratios, when sulphur assays are completed, may be of interest, at least regionally.

g) Geophysical Surveys

Airborne DIGHEM traverses have proven very difficult to plot due to the lack of ground control, the "ground" in <u>the</u> <u>area</u> of most interest being essentially impassable. Unfortunately the only airphotos available and used for plotting suffer from distortions and severe shadow effects in the area of interest, (Fig 17/81) Also the snow was much further melted when the photos were taken than when DIGHEM photographed during their traverses. <u>Detailed</u> studies by the writer after constructing a 35mm viewer suggested that only minor changes in the DIGHEM plot are necessary. In order to utilize all the data we should make a few airborne obiques about the same time of the year that DIGHEM flew. Ice fracture patterns identified at low level on the DIGHEM photos could be usefull as these change little from year to year.

There is also a plotting problem due to the varying and non-lineal number of frames between fiducial marks, apparently an effect caused by the helicopter slowing down in precipitous situations in order to correct, but cameras continuing at the same speed. It's assumed that DIGHEM has corrected for this, despite any obvious notation?

Several sets of prints of anomalous locations will be made off the DIGHEM film roll, and the results discussed in more detail.

TABLE 13 - 81

FLOAT SPECIMENS FROM THE WEST FROBISHER GLACIER

SAMPLE NO	<u> </u>	<u> </u>	<u> </u>
46027	2.40	0.074	
46028	0.14	0.012	
46029	0.30	0.048	
46030	0.15	0.046	
46031	2.14	0.046	
46032	1.14	0.071	
46033	0.45	0.042	
46034	0.07	0.042	
46035	0.87	0.067	

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* Analyses for $\mathbf{S}_{\mathbf{z}}$ not yet received

If DIGHEM is correct, the centre of the W.C. EM anomaly on Line 105 is 1000 feet east of the only usable drill setup, thus the footage allowance to guarantee complete penetration of the zone (DDH #9 or #9 +100m N?) would be at least 1400 feet. A shallow hole (less than -45°) would run the liklihood of encountering huge cavities (such as DDH #2 and #1/65) and a steep one would never reach the zone within the capability of the drill without wedging.

VI Property Situation

The W.C. property, following recent staking and relocation, now consists of 155 units stretching to just south of Tat Lake, (Fig 15/81). Four and/or five years assessment has been applied to all ground but until confirmed by the Gold Commissioner, further comment is withheld. It is hoped to cover all assessment via work done on DDH #9 (no assays) and the upper part of #10, these being the only holes qualifying within the assessment year.

VII Drill Logs and Sections

Logs for drill holes #1 to 10, including summaries, are enclosed in the appendix. Several composites are yet awaited as are check assays.

Reduced sections, with assays plotted on a transparency, overlay geology. These are also enclosed in the Appendix. Full size sections and folio will be produced for a final report when time permits.

VIII Recommendations

It is recommended that drilling proceed as initially planned with modifications as dictated by circumstances yet unforeseen. Details are discussed under the <u>1982 Budget Section</u> which follows.

1982 BUDGET

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Budget proposals are presented under two headings, a) Current and b) Additional.

a) <u>Current</u>

Approximately \$600,000.00 remains of the 1,500,000.00 budget originally planned. The best possible cost estimating can be done by simple reference to 1981 costs. Certain cost items will not occur again but others such as mobilization on completion of the program must be considered. Costs involved in possible options such as Kowall and Swiss Al or on additional W.C. claims located in 1981 are not considered under proposal #1.

1981 overall costs worked out to about \$100/foot. The only items which will be reduced significantly will be infrastructure (camp, etc.) and excessive fuel hauls by helicopter. During the past season these totalled about \$150,000.00 Deducting them, 1982 costs should then be about \$83/ft. Withinflation increase, a \$90/fcot figure should be used. Implimentation of new drilling techniques- drilling mud, water heaters, NQ rod for initial drilling, and fewer set-ups but longer holes - should reduce costs to about \$80/ft, but a larger helicopter will be required for moves in a more difficult terrain. The safest estimate then works out to about \$85/ft overall, allowing about 7000 feet of drilling for the \$600,000.00 available.

Items in addition to those of 1981 should include: 1) Larger project <u>helicopter</u> -a Long Ranger will cost more but this will be offset by more efficient crew moves and better lifting capability at altitude - Cost - 0.

2) A better <u>communication set up</u> between crews, helicopter and Northern Telephone. This is a safety requirement which should add considerable efficiency as well. A VHF system, totally recoverable, has been designed similar to others in use in the St. Elias - Cost \$12,000.00.

3) Better <u>mapping</u> W.C. Deposit and <u>legal</u> but minimal claim surveying (i.e. W.C. #1, 2, 3, and 9) - \$18,000.00.

IX

IX Budget (cont'd)

4) Expanded DIGHEM Survey of Tats Deposit and better definition of W.C. Deposit \$20,000.00 (Should be done together)

Total \$50,000.00

Remainder left in fund \$550,000.00 (6,400 ft). A detailed budgetary breakdown would be of some use only after <u>scope</u> of the 1982 programme is decided on as there are far too many variables involved all of which would invalidate preliminary detail.

b) Drilling Plans - 1982

No changes are anticipated to the grid drilling program set up in 1981 which includes drilling on sections G to L, (Table 16/81). Snow drilling from the east would increase efficiency but we can not rely on such at this time, thus drilling will have to be done from the ridge top.

As outlined on Map 034/81 (a) (pocket), a short drill hole should be put in from a convenient set-up on Section A which can be occupied earlier. This hole, #11, would test any plunge of the sulphide body to the south and may help explain the sudden termination evident on surface (500 feet) or the weak DIGHEM response (Fig 17/81).

The length of Hole #9 (Section G-G') must be doubled (600 feet remaining). Some consideration will be given to induced flattening by wedging on all subsequent steep holes.

Drill Hole #12 will be on Section H (1300 ft), #13 on Section I-I' (1400 ft), and #14 on Section J-J' (1500 ft). Footage remaining (1100 ft) should be allocated to Section K-K' (if feasible) (1981 Designation DDH #11 or #11B), or L-L' (1981 Designation DDH #12), or M-M' (1981 Designation #13).

The above programme will minimally test what the writer has always beleived to be the largest part of the W.C. deposit, a concept enhanced in 1981 by the extremely high E.M. and accompanying magnetics encountered by airborne work. We can not affort gambles on such as deep surface (?) cavities encountered in DDH #4, thus the holes should be steep enough to miss these problems. Each set-up will be rationed to only one hole.* Continuity of the sulphide body will be proven by intersections but little will be gained as to continuation or configuration at depth.

*UNLESS OTHER FINANCING ARRANGEMENTS CAN BE MADE, IT BEING MORE IMPORTANT TO PROVE CONTINUITY ALONG STRIKE THAN AT DEPTH.

TABLE 16 - 81

DRILLING PLANS - 1982

DDH#	SECTION BASELIN	E <u>CO-ORE</u>	INATES	ELEVATION	BEARING	INCLINATION	MINIMUM DEPTH	COLLAR	PURPOSE
		N	Έ	metres			metres		
11	A-A'	10,000	10,050	1540	N 48 E	-50°	152.4	creek near camp	test plunge to south & EM anomaly
9	G-G'	10,435	9,610	1810	N 48 E	-58°	182.9	ridge	partly drilled
12	H-H'	10,510	9 , 540	1840	N 48 E	-50°	396.2	ridge	on section test
13	I-I'	10,750	9,660	1700	S 48 W	- 50°	426.7	ridge	on section test
14	JJ'	10,605	9,365	1870	N 48 E	- 50°	457.2	ridge	on section test
15	KK'	10,790	9 , 350	1880	N 48 E	-60°	335.3	bluff	on section test
or									
15	1 L' + 25 4	11,000	9,420	1860	S 48 W	-45°	335.3	Ridge OC	test holes to sample diss. min. & to test
<u>or</u> 15	M-M'	11,050	9,370	1840	W	* -60°	335.3	Ridge snow & talus	massive S_2 exploration hole to test cliff exposed mineralization.

.1

TOTAL 1950.7m (6,400 ft)

-20-



The most northerly hole envisioned (on Section L-L') will aim in the direction of the massive sulphide evident on the inaccessible north (Craggy) cliffs. The outcrop will be geographically positioned by helicopter-controlled transit surveys. The intervening ground, although devoid of massive sulphides, is mineralized to some degree over impressive widths (1958 observations).

c) Budget Summary - Second Stage (minimal requirements to mount worthwhile programme)

1)	Drilling Programme - 6400 feet in 6 holes	\$550,000.00
2)	Legal and Geological Surveys (contract) W.C. area	\$ 18,000.00
3)	Expanded DIGHEM Geophysical Surveys (contract)	\$ 20,000.00
	(W.C. and Tats area)	
4)	Communications System (contract)	\$ 12,000.00

	TOTAL	\$600,000.00
d) <u>Timing</u>	and Distribution	
Jan.	Supervision, Communications System and Warehouse overhauls and preparation	\$ 10,000.00
Feb.	As above, plus fuel haul	\$100,000.00
March, Apri	l & May (as Jan.)	\$ 30,000.00
June	As Jan., plus mobilization	\$ 30,000.00
July	Drilling - as 1981	\$100,000.00
August	Drilling - as 1981	\$150,000.00
Sept.	Drilling, Demobilization	\$100,000.00
OctDec.	Supervision, Assays, Reports	\$ 80,000.00

TOTAL

\$600,000.00

e) Third Stage Program - 1982 (for reference only - not budgeted

for at this time)

A) Moderate Expenditures

1)	Extra drilling - deepening of 1982 holes (1000 foot	
	total) plus two extra holes from established set-ups	
	(3000 ft) = 4000 feet @ \$50/ft (estimate)	\$200,000.00
2)	Geological Survey - Tats Group, 15,000	\$ 15,000.00
3)	Assessment Work Filing (excess)	\$ 10,000.00
4)	Preliminary Exploration and Sampling, W.C. type deposits	\$ 5,000.00
5)	Regional Exploration and Sampling W.C. type deposits	\$ 20,000.00
	TOTAL	\$250,000.00

f) B) <u>Heavier Expenditures</u> (1981 Range - for reference only) (assuming Kowall - Swill Al option exercised under existing G.W. agreement)

1)	As (A) on previous page	250,000.00
2)	Addition drilling, north end. Would include oblique	
	(offsection) holes for a flatter intersection, or	
	crevass bridging (metal mesh) from ice cap: 2000 ft	
	@ \$50/ft (see map 034/81(a))	\$100,000.00
3)	Cat road access to establish winter road route to Tats	
	Lake. Require more meaningful estimate from contractor	\$200,000.00
4)	Follow-up drill holes on Tats - Kowall Deposit (2 @	
	1300 ft @ \$80/ft°)	\$200,000.00
5)	Investigation of Anomalies on Swiss Al Option (?)	·
	a) Pre drill Surveys - DIGHEM & Ground	\$ 20,000.00
	b) Test drilling 3 holes totalling 1600 ft \pm	\$130,000.00
	TOTAL	\$900,000.00

f)Comment on Second Stage Program

This program is essentially set up and only modifications are required for it's implementation.

Some early committments are required, however. These include:

a) A committment to <u>Longyear</u> so they can 1) begin construction during the off-season of special design <u>water heaters</u> and 2) decide on <u>drill</u> deployment - i.e. if we're not proceeding, they want their drills back. The same holds for D.J. Drilling's J.D. tractor.

b) A committment to construct the <u>VHF mobile terminal</u> - lead time 5 months due to uncertainty of part procurement.

c) Arrangement for 1982 field help.

d) <u>Fuel haul</u> arrangements while snow conditions are suitable (Feb.)

e) <u>Helicopter Arrangements</u> (there were no established company machines left available as of March, 1981). We will look hard at Pacific again, providing the correct pilot and machine are available.

f) Comments on Third Stage

This would involve more extensive work on the W.C. deposit and test (exploratory) survey and drilling on the Swiss Al? and Tats-Kowall deposits, should the former be optioned.

-23-

Examination in December, 1981, of routes to Tats Lake (J.J. McDougall, Grant Stewart, J. Hugi) suggested that the best winter access would be from the Carmine (Red Mtn) airstrip across the lower O'Connor and up the south side of Tats Creek. Work involved can only be properly estimated in the summer when overburden, etc. can be examined. A cat could probably walk thru in about 2 weeks, preparing a later winter cat train route. This would anticipate an expanded project in 1983. Other routes i.e. Henshi Creek (E. Arm) seem a distant second choice at this time due to the roughness of the glacier, although the <u>base</u> of the East Arm glacier could be reached easier than could Tats Lake.

Tats Glacier would present about a mile of tough going for a large cat before it smoothens out, but there is more room to manoeuvere than on the East Arm. Ultimate access to the deposit (i.e. possible adit) appears much better off Tats Glacier unless a roadway can be blasted in solid rock to the camp on a bench 200 feet above. An adit would be collared off the edge of the glacier below the Red Creek camp but snow accummulations would have to be allowed for at the portal - i.e. a 50 foot(?) shed elevated by fill on the glacier would be a minimal requirement. Waste rock would conceivably supplement the natural and extensive gravel moraines forming a solid and elevated roadbed which should move so slowly as to be hardly troublesome. The one mile above the base of the Glacier would be most difficult requiring heavy equipment and gravel to fill numerous ice depressions. However, once in, this route would be free of dangerous crevasses or avalanches.

Further comment on possible additional stages is not practical at this time.

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APPENDIX 1

Photos

.



Photo 1/81 - W.C. Zone Looking north July/81



Photo 2/81 W.C. Zone looking N. showing proposed Drill location '82



Photo 3/81 DDH #9, looking N. from approx. location DDH #5, Aug. 81



Photo 4/81 - preliminary sketch model and inferred projections W.C. zone looking West



Photo 5/81 - as 4/81 showing proposed location 1982 drilling



Photo #6 - as #4 but looking south. Photo is reversed but shows best the location of DDH #10 which may not have penetrated the main zone unloce foult direct.



Photo 7/81 - Longitudival view looking east of drill holes projected showing depths at which sulphide was encountered. NOTE: LEVEL OF GLACIER



Photo# 8/81 - W.C. in winter, looking from S.W.




APPENDIX 2

Diamond Drill Logs

				T	Inclination	Rearina	PROPERTY W.C.	(WINDY-CRAGGY)	Length	1	85.93m	(610 f	t)	1	IOLE	No.	1-	81			PA	GE 🖊
RIL	L H	OLE		Gollar	-48	N 49° 12'E	Location South end	W,Section B-B'	Hor Co	mp.	/V	ert Co	np.	S	heet		of	1				
				BUU.FF			Elevation 1608 42m		Bearing	N	49° /1' #	5			.oo ae d	bγ	Don H	loy				
CONE	RIDGE	E NICKE	EL MINES LIMITED			±	Coordinates 10,147	7-29 N	Beaun	Jul	v 19/C	mplet	d 7/2	/8 5	ampie	d by	11	11				
							10,036	5°28 E	Core siz	ze BQ	/R	ecover	± 95	%	RILLEF	S Lo	ngyea	r (F	LY # :	38)	RIG#	2
L EOOT		FCOVINT		DESCA	IPTION	1	L			Tan	ADUIC			\$	1004	VS			COMPO	STTES		
From				DESCR	171101					072	47770	No. 1	rom To	FA	Cu [®] I	C08	Au PPh	Agaon	5-8	Znpon	1 Coll	
	6	5.0%	Duill Conice				·			F		15301	21	27 6	.71	.044	\mathbf{D}					
	10	607	Intensely fracture	d metacod	liment - meta	volcanic Fe	staining chloriti	· · · · · · · · · · · · · · · · · · ·		7		302	27 3	6 9	2.11	.140						
10	21	40%	Fractured zone, ru	bbly to p	ebbly core r	ecovered	statuing, entoriet			1		303	36 4	1 5	2.23	.110	>40	.3	40	40	.074	
21	27	05%	Macaina culphida z	iono arud	laly handed S	ulphidag an l	Pa(80%) Pr (15%)	NV (5%)		+		304	41 9	1 10	.52	.038						
27	36	100	Sulphide zone. (5	-20%).	hosted in fi	ne grained b	isic volcanic and in	terbedded argil	lite.	-		305	51 5	9 8	.36	.028						
<u> </u>				<u> </u>		,			<u></u>	-		306	59 6	9 10	.81	.065				-		
		-+-+	mineralization lar	<u>gely as d</u>	30-31 5' F	s and string	ers of po, py, and (k cpv	<u>ur</u>	-		307	69 7	9 10	62	069	>25	.3	52	20	.097	
36	41	100	Massive sulphide z	one. (-70	- 80% sulph	ides), large	blebs and patchy py	mhotite, cupreou	s pyrite			308	79 9	$\frac{5}{3}$ 14	.13	.056	\boldsymbol{f}					
				, , , ,			F, 1)		- 1,7			200	02 0	4 7	0.2	140						
701	50	907	and chalcopyrite.	v fractur	ed fine grai	ned basic vo	Icanic contains 5%	sulphides strip	gere &			310	96 10	5 9	52	140					+	
			Light to moderater	.,	Cu rue grai		icanic, contains 3%	Jaiphiaco, Juli		_		311	105 11	6 11	.24	.086	\mathbf{h}					
			bands of dominantl	y po with	1 assoc. py &	cpy. Chlor	<u>itic tracture surfac</u>	<u>ces, quartz veinl</u>	ets	-		312	116 12	6 10	20	230	1				+	
			51-51.6, OXIGIZED	zone, gos	san.				<u> </u>	-		313	126 14	0 14	20	.110			4.0	200	100	
59	93	90%	Moderate to heavy	sulphide .	mineralizati	on (~30-50%	sulphide) massive po	and assoc. py	& cpy	~		21/				00/			- 40	-200		
		-	minor qtz and carb	onate vei	nlets, miner	al textures,	massive, blebs, st	urito & minor or	e mini	53		314	150 15		11	100						+
93	96	100	Small interval of	massive s	aiphiae, pyr	motite most	abundant, accessory j		· y	-f		515			•••	.100						
96	105	100	Moderate to heavy	sulphide	zone, (30-50	% sulphides)	patchy po, minor cu	<u>ipreous pyrite &</u>		-F		316		8 10	-24	.064	+					
		_ <u> </u>	chalcopyrite, ligh	tly brecc	iated,qtz &	carbonate go	bs	abundant minar		-F		317	108 17	8 10	.08	.032						
105	116		Zone of light sulp	ohide mine	eralization,	5-10% sulphi	des, pyrmotite most	abundant, minor	cpy,	-F		510			.24	.044	1 15	6		440	.037	
			fine grained basic	volcanic	host					- <u>-</u>		319		2 14	.23	.056						
116	126		Massive sulphide,		sulphides, mo	derately bre	cciated, sulphide to	extures as massiv	re &	-		320	$\frac{202}{210}$ $\frac{21}{22}$	0 8	.09	.029	\leftarrow				·	<u> </u>
			irregular shape go	obs					<u></u>	-		521			1.20	.050	\rightarrow					
126	140	100	Zone of moderate s	sulphide m	nineralizatio	on, (v 30% su	lphide hosted in fi	ne grained basic	volcanic	ī		322	220 23	0 10	.31	.052	$\left(\rightarrow \right)$					
			moderately breccia	ated,po mo	ost abundant,	exsolved py	& сру			_		323	230 24	0 16	.83	.057	210	.3	31	305	.050	
140	153	100	Brecciated fine gr	rained bas	sic volcanic	(pillow lava	s?), sparse to light	sulphide mineral	ization,	_		324	246 25	6 10	.96	.064						
			quartz-carbonate g	gangue, po	o bands & gob	s				-		325	256 26	6 10	.22	.065						
153	158	60%	Shear zone fault	equeine.	brecciated f	mable crumbl	v core, slight oxid	ation, prominent	chlorite	-		326	266 28	1 115	20	.037						
158	202	90%	Moderate to heavil	ly breccia	ated basic vo	lcanic, flow	breccias in appear.	ance, appreciable	2	-		327	281 29	1 10	.24	.022						
				arudalu h	anded no vit	h	pyrite chloritic	fracture surfaces		-		328	291 30	1 10	.02	.008	60	.3	15	100	.022	
			183-186' - intense	- fracturi	ing, heavily	hrecciated.	189-191' - as above			-		329	301 31	2 11	.04	.014				[
	<u> </u> -	-+-+			3, 124.11					F		330	312 32	2 10	.25	.046						
202	210		Extremely fine are	ained wold	anic finals	disseminate	d sulphides minor	martz veining		=		331	302 32	8 6	1.36	.084	$) \top$					
210	246	100	Light to moderate	ly breccia	ated. fine of	ained basic	volcanic, moderately	mineralized (~)	0-30%)	-		332	328 34	0 12	.03	.010						
210			Stant to moderate	., 5100018	1		Lasta apr 1.	hido torturos	natahar	_		333	340 35	0 10	.14	.021	2105	.2	22	130	.029	
	╞───┼─		containing small n	and board	<u>lipnide</u> bands	one of domin	antly no. some ny &	CDV CDV	pacenes	- 1		334	350 36	0 10	.19	.047						
246	266	05%	Dark green fine gr	and neavy	sic volcanic	light to mo	derately brecciated	, banded po compi	ising	-		335	860 37	0 10	.09	.025			- †		- +	
240	200		burk green, rille gr		, concurrente	,	de Lend (4, 0!!)			-		226	270 20	0 10		01/						
- 200			10-15% rock vol	lume 249	po & cpy ma	assive sulphi	anic 268'fracture 7	one (@45°) propo	nunced	-		337	380 38	0 10	02	008 •014	++		+	-+		
260	281	- 95%	sparsely mineraliz	sea (** 3%)	/ fine grain	a basic voic	anic, 200 fracture a	one (eq.) prom		-		338	390 40	5 1 5	.32	.029	(50			4.70	1	
	↓ ↓		chlorite on fractu	ures, 280-2	281', breccia	ed, conglome	ratic massive sulphi	de band po,py,cpy	l			220	61 17	/ 10			f Jul	•4	- <u>+</u> +	+/0	.01/	
201			quartz - calcite a	accessory.	•				<u></u>			222	104 47	+ 10	+- • 48	.028	<u> </u>	+	-+	-+		-+
281	312	90%	Lightly mineralize	ed, fine g	grained basic	volcanic as	above, disseminate	<u>d po & cpy. ligh</u>	1 Ľ	- 1		** //0	5 TO 14	A FT	057 7	N TD	ANST	AFTE	RIOD	GINC		
			fracturing, (@45°	°),305-312	2' sheared,	ractured zon	e, abundant chlorit	e		-		<u> </u>	<u>, 10 40</u>	4 1 1	1031 1						-+	
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From	To	Run Co		DESCRIPTION		GRAPHIC	No	SA ⊧ ∫Fre	MPLE om To	5 FA	ASS Cu%	ICO%	Au PPL	Anne	Soft 17	SITES	1	1 1
312	328	10	00	Appreciable sulphides (~ 30-40%) hosted in lightly-moderately brecciated basic volcanic,	+		-							C.B. Mar			<u> </u>	
				abundant po assoc. with minor py & cpy, prominent chlorite film on fracture surfaces.	E													
328	486	91	3%	Basic fine grained volcanic containing disseminated sulphide with small local massive						_			L	L				
			-	hands, prominent quartz and calcite veining, suggestion of epigenetic stockwork mode of				+				<u> </u>					ļ	\vdash
<u> </u>			-+-'	mineralization. 350-351' - small massive no band minor ny				+			+	+					<u> </u>	┝
	+	-+-	-+-	2501 small massive po band space with sta voining				-+			+	+			-+			+
			-	363-365' - po and py assoc. with guartz and calcite				+			1	<u>+</u>			<u> </u>			┢──┤
	1			368' - patchy po assoc.with quartz - carbonate veining				1		-†	1	†						r+
				387' - quartz-calcite vein (3") containing patchy po							Τ							
				390-392 - large quartz vein with massive po, interstitial quartz														
			_	394-399' - intensely fractured zone, chloritic								ļ						
	┟───┟		-	404' - massive po unit (6")			<u> </u>	_		-+							\vdash	
	┢		-+-	447 - massive po balla (3)				_		_	·	<u> </u>						<u> </u>
	+		-+-	464-466' - massive sulfide, po & py	F			-	-+		+				—			
	$\left\{ - \right\}$		-+-					-			-				<u> </u>			
486	598	10	00	Fine to medium grained basic hypabyssal rock. (gabbroic - diorite?) coarser grained than				+		-+								+
			-	precoding valcanic units lightly fractured minor discominated sulfides				-		-	+							+
598	610	9	5%	Black laminated shaly-argillite, heavily fractured, chlorite on fracture surfaces.						1							- +	\rightarrow
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0.011				1	Inclination	Bearing	PROPER	TY WINDY - CRA	GGY	Length	11	1.86m	(367	ft)		HO	LEN	0 . 2-	31			 P/	GE #	
URIL	トト	IOLE	RECORD	Coller	-50	N 48 27'E	Location	Location D-D' (s	outh end)	Hor Co	mp.	//	ert Co	n p		She	et		of					
	-			367ft	-47°		Elevatio	D 1666.69m		Bearing	N	48° 29 E				Loa	aed b	Y . D	on Hov					
FALCON	BRIDGI	E NICKE	L MINES LIMITED				Coording	ites 10,276.75	N	Beaun	7/2	2/81/C	omple	ed 7/	25/8	1 San	pled	by "	ri T					
								9,905.79	E	Core si	e BQ	/R	ec ±9	0% to	317'	DRI	LLERS	Lo	ngyear	FLY	#38	RIG	<i>†</i> 1	*******
FOC	TAGE	RECOVY		DESCRI	IPTION						GRA	PHIC		SAMP	FS		ASSAVS			COMP	OSTTE	s		
From	TOA	Run Core									1 0/1 7	- 11/6	No	From	70	FA C	u% Cc	8 AUP	Ph Ag an	528	Iznpp	m Co%	1	
0	10	50%	Drill Casing								F		15340	67	77	10	06 0	18		1.2				+
10	36	70%	Highly oxidized f	ine to me	dium grained	volcanic, i	ntense hig	gh angle fractur	ing (80-90°)	7		41	77	87	10 .	07 .0)7	1	1			· · · +	
			minor quartz vein	lets, lim	onitic stain	ing					F		42	87	97	10 .	06 .0)8 25	L I	2	60	.008		-+
36	44	90%	Banded fine grain	ed basic	volcanic, hi	ghly sheared	& fractu	red (45°) some	light oxida	tion	<u>†</u>		43	97	07	10	03 .0	18			<u> </u>		+	
44	67	100	Crev medium orai	ned inte	rmediate to	bacia volcan	ia (dyka)	rock?) modorato	to hoave fr	acturina	-		44	107	17	10 .	07 .0	0			_			+
-67	145	95%	Relatively unalte	red fine-	medium grain	ed basic-int	ermediate	volcanic (andes	ite?) light	accuring	-		45	117	27	10	11 0	5	1	1	+			-+
					8		10%	\			-		46	127	37	10	17 .0	9	1	1	1		+	+
	+ +	++-	86' - email	hand no	assoc py &	<u>cnv</u>	on (10%)), quartz, calci	<u> </u>		-		47	127	1.5		22 0	25	T. 1	10	145	016	+	+
		-+	87-104' - heav	ilv fract	ured, oxidiz	ed locally					-		47	145	58	13	$\frac{22}{09}$ 0	6		10	+ <u>, , ,</u>	.010		-+
	<u>├</u> ┣·	-+-+	1001 handa	1			*****		• • • • • • • • • • • • • • • • • • • •		-		49	158	68	10 .	09 1.0	1	-		<u> </u>	F+		+
	<u> </u> -		117' - 8" ban	d of mass	ive no asso	ciated ny					-		50	168	78	10	04 0		+	1	<u> </u>	├ <u>+</u>		
1.15	1,10	0.5 %		<u>u or muss</u>	,	in the second se					-		51	178	.83	5.	07 .00	8		+		r+		
142	1-130		(a/5°) pyrrhoti	te quart	volcanic in	terbedded wi	th black a	argillite, minor	<u>sulphide</u> b	anding	-		50	102	0.2	10	02 7	0 55	0.6	5.8	110	073		
158	183	90%	Highly oxidized z	one. goss	an, limoniti	c. highly po	rous, inte	enselv fractured			-		53	103	93	$\frac{10}{10}$	10 1	0 55	10.0		110	ř °'' †		+
			170 1701 6	1.	1	,			•		ŧΙ			202		10 1	27 1	0	+			┢╼──╂		
	+		1/8-1/9' - fau	It gouge,	alteration	to clay min	erals				Εl		54	203	13	<u>10 µ</u> .	$\frac{27}{26}$ 1		-			┢╼──╂		+
	┝╌┼		175 - cop	per surph	ate, chaican	icuite					Εl						20			<u> </u>	· · · ·	r		
183	219	98%	Massive sulphide	zone, (70-90% sulph	<u>ides), appea</u>	rs to be :	syngenetic with	lack argil	laceous_	£ !	1	56	219	29	$\frac{10}{10}$	39 .0	9	┼╤╌╴	- 20	10		<u> </u>	
	+		shale & intercall	discomin	k fine grain	ed volcanic,	lightly o	oxidized, dominal	itly po wit	n	-		58	300	10	$\frac{10}{10}$	10 0	0	1/.5	1 30	40	.032		
				dissemin	accu py a cp							1					10 1.0	<u> </u>	+			+		
	+		204 - 206' -	fracture	d zone, shal	y unit		1 1 1 1 1			-					_						<u> </u>		
	↓↓ -		207 - 209 -	rracture	a zone, inci	easing oxida	tion of ma	assive sulphides			-							_	+			-		
	0.13		219' -	fracture	d zone, chal	canthite					-													
219	31/	/0%	Highly oxidized g	ossan zon	e, crumbly c	ore, extreme	ly porous	, residual Fe hy	froxides,	. · ·	-													
	+		limonitic some min	<u>nor azuri</u>	te and malac	hite					-			ł				-						
			242' - chalca	anthite							_							—						
317	367	0%	no core recovery.	surface]	breakthrough	?					-				_+		_	_	4					
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			HOLE LOST IN LARGE	E CAVITY ((POSSIBLE OX	IDIZED (BURN)	ZONE) BE	FORE PENETRATING	S ₂ ZONE.		=								-					
			PYRRHOTITE IN THIS	S HOLE BEC	GAN VISIBLE	OXIDATION WIT	THIN ONE H	OUR OF EXPOSURE.																
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DURLL HOLE Her Corps Vert Corps State of FALCORENDENCEL INNES Linking Election (0.0, 6m) Her Corps Vert Corps Linking Linking <th>001</th> <th>, ,</th> <th></th> <th></th> <th></th> <th></th> <th>Inclination</th> <th>Bearing</th> <th>PROPERT</th> <th>Y WINDY-CRAG</th> <th>GY</th> <th>Length</th> <th>160</th> <th>.32</th> <th>526 f</th> <th>t)</th> <th></th> <th>HOL</th> <th>EN</th> <th>). ³⁻¹</th> <th>31</th> <th></th> <th></th> <th>- Ρ,</th> <th>GE #</th> <th>= 1</th>	001	, ,					Inclination	Bearing	PROPERT	Y WINDY-CRAG	GY	Length	160	.32	526 f	t)		HOL	EN) . ³⁻¹	31			- Ρ,	GE #	= 1
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101.124 952 Relatively unaltered intermediate - basic volcanic (andesite?) moderate fracturing@(60°) 68 123 137 14 0.6 0.005 0.01 101															67	111	123	12 .	51 .01	<u>•</u>				Ļ]		
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101*					Fe staining, seconda	ary copp	er minerals,	chalcanthit	e, malachit	e			-	Ļ	69	137	147	10.0	06 .00	8	5 0.	51	860	.010		
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111ming fracture surfaces, frace pyrite, locally calculateous176' - matrix copper flass187' - cuprite coating fracture surfaces197-193' - dedritic native copper214' - cuprite214' - cuprite212' - cuprite212' - cuprite212' - cuprite212' - cuprite212' - cuprite22' -		J 24	1		Cil i fuetor								-	F	78	247	252	51.8	3 .03	5	1	+	1			+
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thin seams @2.2' - thin seam of native copper; 246 - 249' - appreciable native copper. lightly oxidized, alteration zone, brecciated 270 281 807 Brecciated intermediate-basic volcanic (andesitic?), 275-281' - light to moderate brecciation, heavy fracturing (@ 45'). 281 303 907 Black shaly metasediment, phyllitic, locally porous, calcite veinlets, 282 293-303' - heavily fractured 2303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 320-321' - minor native copper assoc. with volcanic-metasediment. 321-328' - minor native copper assoc. with volcanic-metasediment. 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, lightly fractured.346-347' - minor cuprite & native copper.368-369'-quartz veining 393 418 40% Fine-medium grained andesitic volcanics, minor disseminated & stringer po & py	24	2 270		80%	Foliated shaly met	tasedime	nt, pitted s	urfaces, loc	ally brecci	ated & oxidize	ed, native co	opper in	:		86	322	332	10.0	7 .01	. J		L				
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270 281 802 Brecclated intermediate-basic volcanic (andesitic?) 275-281' - light to moderate brecclation,					oxidized, alteration	n zone,	brecciated						:	Ļ							<u> </u>	ļ				
heavy fracturing (@ 45°).	2.7	0 28	1	80%	Brecciated intermed	diate-ba	sic volcanic	(andesitic?), 275-281'	- light to mod	lerate brecc	lation,	:	Ļ							<u> </u>	 		 		
281 303 90% Black shaly metasediment, phyllitic, locally porous, calcite veinlets, 286' - minor native copper in seams filling fractures, 293' - small fault gouge - 293-303' - heavily fractured - 293-303' - heavily fractured - 303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 320-321' - minor native copper & cuprite in fractured metasediment. - 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 - - 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 - - 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 - - 393 418 40% Fine-medium grained andesitic volcanics, minor disseminated & stringer po & py - - - - - - - - - - - 328 393 <t< td=""><td></td><td></td><td></td><td></td><td>heavy fracturing (</td><td>@45°).</td><td></td><td></td><td></td><td></td><td><u></u></td><td></td><td>= </td><td>⊢</td><td></td><td></td><td></td><td></td><td></td><td>+</td><td> </td><td>ļ</td><td></td><td>+</td><td></td><td></td></t<>					heavy fracturing (@45°).					<u></u>		=	⊢						+	 	ļ		+		
286' - minor native copper in seams filling fractures, 293' - small fault gouge 293-303' - heavily fractured 293-303' - heavily fractured 303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 302 321' - minor native copper & cuprite in fractured metasediment. 321-328' - minor native copper assoc. with volcanic-metasediment contacts, heavily fractured 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded fracture surfaces (fault zone?), locally oxidized, minor disseminated & stringer po & py	28	303		90%	Black shaly metased	diment,	phyllitic, 1	ocally porou	is, calcite	veinlets,			-	⊢				-+			 	ł				
293-303' - heavily fractured - 303 28 303 28 303 28 303 28 303 28 303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 320-321' - minor native copper & cuprite in fractured metasediment. 321-328' - minor native copper assoc. with volcanic-metasediment contacts, heavily fractured 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 1 1 1 1 1 1 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				-+	286' - minor native	<u>e copper</u>	in seamsfil	ling fractur	es, 293' -	<u>small fault ge</u>	ouge			⊦			<u> </u>							+		+
303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 303 320 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 303 320-321' - minor native copper & cuprite in fractured metasediment. mineralization as logged but not assayed.due to loss. 321-328' - minor native copper assoc. with volcanic-metasediment contacts, heavily fractured 1 328 393 95% Black laminated shale, locally argilite, & Phylite, calcite veinlets, minor po & py, 1 1 1 1 1 1 1 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded 1 1 1 1 1 1 1 1 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td< td=""><td> </td><td></td><td>$\left \right$</td><td></td><td>293-303' - heavily</td><td>fractur</td><td>ed</td><td></td><td></td><td></td><td></td><td></td><td>- </td><td>-</td><td></td><td>152</td><td></td><td>£ + 1</td><td></td><td>1</td><td></td><td></td><td></td><td>+</td><td><u>, 1</u></td><td></td></td<>			$\left \right $		293-303' - heavily	fractur	ed						-	-		152		£ + 1		1				 +	<u>, 1</u>	
303 328 100 Largely fine grained andesitic volcanics with intercallated phyllites & shales 320-321' - minor native copper & cuprite in fractured metasediment. 321-328' - minor native copper assoc. with volcanic-metasediment contacts, heavily fractured 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 1 1 1 1 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 1 1 1 1 1 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td></td> <td></td> <td><u> </u> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td>⊢</td> <td>~~</td> <td>ninera</td> <td>$\frac{3}{112}$</td> <td>$\frac{10}{100}$ a</td> <td>s llor</td> <td>zed hu</td> <td>t not</td> <td>assa</td> <td>ved.d</td> <td><u>e ta</u></td> <td>- 450- 10st</td> <td>-526</td>			<u> </u>								-1			⊢	~~	ninera	$\frac{3}{112}$	$\frac{10}{100}$ a	s llor	zed hu	t not	assa	ved.d	<u>e ta</u>	- 450- 10st	-526
320-321 - windt native copper a cupite in fracture metasedimete. 321-328' - minor native copper assoc. with volcanic-metasedimete contacts, heavily fractured 328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 lightly fractured, 346-347' - minor cupite & native copper, 368-369'-quartz veining 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded fracture surfaces (fault zone?), locally oxidized, minor disseminated & stringer po & py	30	<u>)3 328</u>	+	100	Largely fine graine	ed andes	itic volcani	cs with inte	rcallated p	nyllites & shi iment.	11es		-	H						1	[1				-+
328 393 95% Black laminated shale, locally argillite, & Phylite, calcite veinlets, minor po & py, 1 lightly fractured, 346-347' - minor cuprite & native copper, 368-369'-quartz veining 393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded fracture surfaces (fault zone?), locally oxidized, minor disseminated & stringer po & py			+-+	+	520-521 - minor na	acive co	pper a cupri	Le in Hacle			hoovily from	turod	-	ŀ		 _		-1-		+	1				-+	-+
393 13% 51% 51% 1		18 202	+-	057	<u>321-328' - minor na</u>	ative co	ally arei	With Volcani	lite calcit	ent contacts, e veinlets, m	inor po & pv	Lurea	:	H	+					1	1			-+	-+	+
393 418 40% Fine-medium grained andesitic volcanics, minor interbedded shales, chlorite & slickensleded fracture surfaces (fault zone?), locally oxidized, minor disseminated & stringer po & py -			+	33%	LIGEN IAMINALEU SIN	2/6 2/7	aigi	nine S'		9-360!	voining	·	-	F							1				-	-
fracture surfaces (fault zone?), locally oxidized, minor disseminated & stringer po & py	20	12 /10	+	40%	<u>Lightly fractured</u> ,	<u>346-347'</u> d anderi	- minor cup	<u>rite & nativ</u> s. minor int	erhedded sh	ales, chlorit	2 & slickens	leded	=	F										$ = \uparrow$		
		73 418	+	40%	fracture surfaces	(fault z	one?), local1	y oxidized.	minor disse	minated & str	inger po & p	/	-	F			†				4					
	├	+		+									=	F	-+						1					-

Dr			10	_		Inclination	Bearing	PROPERTY		Length					HOLE	E No.		3		PA	GE 🖊	2
Ur		Lr	10	_ L	RECORD	Collar		Location		Hor Co	<u>mp /</u>	Vert C	omp		Sheet	<u>}</u>	of					
FAL	CONR	RIDG	FN		MINES LIMITED			Elevation		Bearing					Logge	d by						
								Coordinates	<u>N</u>	Begun	/(Comple	ted		Samp	led by	<u> </u>					
								<u> </u>	<u>E</u>	Core siz	;e/I	Recove	ery	%	DRILL	ERS	,			RIG	ŧ	
	F001	rage ji	RECO	/Y		DESCRIPTION					GRAPHIC		SAMP	LES	AS	SAYS		COME	OSITE	S		
	From	To	Run C	270							<u> </u>	No	From	to F	* Cu8	800	AU PPh Ag	1444 S28	Znpp	<u>n Cos</u>		
			-+	-+				6 61 - 1			F		+		_					-		
			-+	_		·····					F						 	_	+	┝──┥		
	418	476		00	Unaltered fine grai	ned andesite, moderat	e to heavy	fracturing (@ 70°), d	isseminated po.	•	E		+			+	\vdash		+	┝──┤		
			+	-+-	426 - minor native	copper on fracture s	urraces	·····	****	<u></u>	-		++							i−−−−∔		
			+	-+-	<u>431 - 433' - light</u>	brecciation		····			-		{}				┠──┤		+	┝──╁		+
			-+-	-+-	401 - 402 - Small	Tault gouge	·			·	-		1 1	-+	<u> </u>	+			<u>†</u>	┢		-+
	476	526		5%	Intensely fractured	andesite fault zone	? Minor cu	rite & discominated	no ny		-	<u>}</u>				-			+	r+		-+
					490 - 496' - fractu	re zone, minor cuprit	e & native	copper	po, py.		-									r+		
					502' - fault	zone		· ····			-		1-1						†	$ \longrightarrow $		
		- 1			502'- minor	cuprite					-					-						
											-											
											3											
					HOLE WAS DRILLED WE	ESTERLY TO TEST OXIDI2	ED CUPRIFER	OUS SHALE BANDS INDIC	CATED BY SURFACE	RUBBLE.	=											
				_	DUE TO GEOMETRY, TH	HE HOLE DID NOT PENETH	ATE FAR ENO	UGH BELOW THE OXIDIZE	ED ZONE TO INDIC	ATE	F											
					PRIMARY MINERALIZAT	CION WITH ANY CERTAINT	Y. SOME CO	RE DROPPED AND/OR MIS	SPLACED DURING													
				_	HELICOPTER TRANSIT.	•							$\downarrow \downarrow$					-				$ \rightarrow $
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				Inclination	Bearing	PROPERT	Y WINDY CRAGGY		Length	267	.3 m (8	77ft)		1	HOLE	No.	4-	81			PA	GE 🖊	1
JKIL	LH		E RECORD	500FE -70	N 48 24 E	Location	Section D-D'		Hor Cor	<u>mp</u> .	/	/ert· Con	p.		Sheet		0	f					
						Elevation	1666.69m		Bearing	N	48°29'E				ogged	by	Don H	loy					
ALCON	JAIDGE		EL MANES LIMITED			Coordinate	es 10.276.75	N	Begun	7/2	7/81 /C	ompiete	7/30/	/81	Sample	ed by		**					
••							9,905,79	E	Core siz	BQ	/R	ecovery	+90	% [RILLE	RS LY	(FL	¥ #38	}		RIG	1	
F00	TAGE R	ECOV'Y		DESCRIPTION						GRA	PHIC	S/	MPLES	;	ASS	AYS			COMPO	OSITE	5		
From	TO RI	un Core								L		No FI	om To	FA	Cut	CO8	Au PPS	Ag pp	528	Znpp	n Cos		
0	54	80%	Rusty oxidized and	esitic volcanics						E		28351	244 254	10	6.70		ς20	0.2	3.42	290	м		
54	58	85%	As above, rusty ox	idized volcanics						E		352	54 265	\perp u			<u> </u>		L			<u> </u>	
58	79	90%	Pyrrhotite stinger	s hosted in black sha	<u>le, some qua</u>	rtz-carbonat	te rich section	s with asso	ос робру	£		353	65 275	10			<u>}</u>						
79	80	80%	Shear zone, quartz	vein rich						<u></u>		354	75 285	10									
-80	82	70%	Oxidized zone, gos	san						-		355	85 295	10	1.34		760	1.2	30.3	80	M		
82-	93	100	Porphyritic andesi	tic volcanics						=		356	95 305	10	1.15				L				
93	99	90%	Partially altered	andesite, about 50% a	lteration to	gossan				-		357	05 315	10	1.37				L				
99	150	100	Grey,fine to mediu	<u>m grained andesitic v</u>	olcanics, amy	<u>gdaloidal, ca</u>	alcareous			-		358	15 325	10	1.85								
										- 1		359 -	25 335	110	2.23		1						
150	215	100	Porphyritic, basic	-intermediate volcani	c as above, s	slight oxidat	tion			-		360 1	35 345	10	1.22		745	0.7	80	160	.14		
215	217	80%	Fault gouge zone,	brecciated shale, qua	rtz-carbonat	e veinlets p	prominent			-		361	45 355	10	.74		 						-I
217	228	90%	Volcanic breccia,	highly fractured, qua	rtz & calcit	e veinlets,	moderately oxid	ized, high	ly porous	-		362	55 365	10	1.11			_					
_228	244	100	Relatively unalter	ed fine grained basic	volcanic, b	asaltic,loca	ally oxidized.	disseminate	ed &	=		363 3	65 375	10	1.00]							
			stringer po,py and	minor cpy,236-237' -	quartz vein	ing				=		364 3	75 385	10	.87								
244	265	70%	Fault zone, sheare	d, brecciated interbe	dded black s	shale and bas	saltic volcanic	s, quartz-o	alcite			365	85 395	10	1.02		>35	0.1	41	165	.13		
			fragments, seconda	ry coppers evident as	malachite_8	à azurite, 24	44-245'-strongl	y oxidized	zone	E		366 3	95 405	10	.57	.150							
												367 4	05 415	10	.45	.150							
265	598	98%	Massive sulphide z	one, (80% sulphides) largely fi	ine grained p	po, with access	ory py & m	inor cpy		Ì	368 4	15 425	10	.86	.140							\Box
			pyrrhotite 85%,	pyrite 10-13%, chal	copyrite 2	2-5%. Light	to moderate fr	acturing,	lightly			369 4	25 435	10	.58	.140							
			brecciated locally	minor quartz & calci	te veining,	chalcopyrite	<u>e occurs as str</u>	ingers -		=		370 4	35 445	10	.57	.140	210	L.1	82	80	.13		
			sulphides appear t	o be syngenetic with	fine grained	i basic volca	anics (pillow b	asalts?)		=		371 4	45 455	10	.38	.130							
									·	-		372 4	55 465	10	.48	.120							
598	657	100	Massive sulfide zo	ne as above, (70-80	% sulphides)) light to mo	oderate fractur	ing, domina	antly -	-		373 4	65 475	10	.69	.120							
			fine grained pyrrh	otite, minor pyrite a	nd chalcopyr	cite containe	ed therein,quar	tz,carbona	te gangue	=		374 4	75 485	10	.51	.110							
			- relict rock type	appears to be fine g	rained chlor	ritized basa	1t		-	-		375 4	85 495	10	.44	.120	L5	L.1	79	50	.12	_	T
			637' - small fra	cture zone					-	-		376 4	95 505	10	.60	.130							
									-	-		377 5	05 515	10	.62	.150							
657	700	100	Massive sulphide z	one, not quite as mas	sive as abov	ve (50-70%	sulphides), pa	tchy & mas	sive -	- 1		378 5	15 525	10	.95	.130							
			fine grained po wi	th cupriferous pyrite	& chalcopy	rite stringe	rs, locally bre	cciated.	Sulphides	-		379 5	25 535	10	1.02	.130							
			hosted in a dark g	reen chloritized fine	grained vo	lcanic.				-		380 5	35 545	10	.63	.130	240	L.1	27.6	120	м		
									-	- 1		381 5	45 555	10	.73	.130							
700	853	100	Massive sulphide z	one (approx. 80-90%	sulphides).	mostly fine	grained pyrrho	tite, pyri	te -	-		382 5	55 565	10	.56	.190							T
			cubes, stringers a	nd exsolved chalcopyr	ite, hosted	in chloriti	zed fine graine	d volcanic	s -	-		383 5	65 575	10	.88	.120							T
			and intercallated	black shaley argillit	e minor ta	lc seams				-		384 5	75 585	10	.88	.110						T	
			766-769' - fra	cture zone	<u> </u>				-	-		385 5	85 598	13	1.38	.110	35	L.1	74	100	12		T
			820-824' - non	mineralized, fractur	ed chloriti:	zed volcanic				-		386 5	98 608	10	.49	.120							T
			823-824' - as	above, chloritic film	is on fractu	re surfaces				-		387 6	08 618	10	.51	.150					<u> </u>	T	T
			825' - 3"	wide guartz-carbonate	vein.				_	-		388 6	18 628	10	.41	.180					T		T
									-	-		389 6	28 638	10	1.28	.160							T
853	877	100	Massive sulphide z	one (50-60% sulphid	es), textur	es somewhat	different than	above, coa	rser -	-		390 6	38 648	10	2.55	.130	40	L.1	82	50	15		T
			grained host, fram	boidal and brecciated	nature to n	mineralizati	on in places, d	lominantly	patchy -	-		391 6	48 657	9	.70	.160		T					1
			massive, framboida	1 & brecciated po wi	th copper r	ich sections				-		392 6	57 667	10	.36	180							T
			858-859' -chalc	opyrite rich						-		393 6	67 677	10	.92	.160	\Box						
		- -	861-864' - fine	ly disseminated po in	chloritic (epidote volc	anic			-		394 6	77 687	10	.74	.160							T
		1-1	851-856' - sulf	ide deficient zone.	5% dissemina	ated po				-	1			<u> </u>						T			+

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DDULL LIQUE DECODD Inclination Bearing PROPERTY	Length HOLE No. 4 PAGE # 2
DRILL HOLE RECORD	Hor Comp /Vert Comp Sheet of
EALCONDRIDGE NICKEL MINES LIMITED Elevation	Bearing Logged by
Coordinates	N Begun /Completed Sampled by
FAM 65	E Core size /Recovery % DRILLERS RIG#
FOOTAGE RECOV'Y DESCRIPTION	GRAPHIC SAMPLES ASSAYS COMPOSITES
From To Run Core	No From To Ft Cut Cot Au PPh Ag part S2 2 Znppm Cot
	28395 687 700 13 1.03 .14
	<u>396</u> 700 710 10 1.09 .140 245 L.1 77 35 .14
	- 397 710 720 10 1.62 .150
	398 720 730 10 1.23 160
HOLE LOST IN S2 ZONE	- <u>399</u> 730 740 10 .56 .18d
	- 400 740 750 10 .56 .170 30 L.1 86 20 .15
	401 750 760 10 1.34 .150
	410 040 055 15 715 L.1 25.3 15 M
	TISING (IEP/GARIEL ?) AT ASSATERS.
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	<u>→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→→</u>

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	<u> </u>						Inclination	Bearing	PROPERT	Y WINDY - CRAGO		Length		39.9m	(131	t)	но	LE NO	, 5(.	A) - 8	1	ρ	AGE #	
UF	KIL	L 1	10	ルヒ	RECORD	Gollar		N 54° E	Location	Section F-F'		Hor Cor	- סור	/Ve	rt Con		She	et	0	f				•
ΕΔI	CONR			licki]	{	Elevation	1741.06m		Bearing		1_54°.	E		Log	ged by	Don	Ноу				
1 76	COND			NOR	LE MINES LIMITED				Coordinate	es 10,376.60	N	Begun	7/31/8	31 /Co	nplete	d 8/2/8	1 San	npled b	<u>y "</u>					
FNM#3	r							+	-	9,702.45	<u> </u>	Core siz	ево	<u> /R</u> ę	covery	+90 9	DRI	LLERS	Ly (F	LY # 3	8)	RIC	;# 2	
	F001	TAGE	REC	ov'y ¦		DESCR	IPTION						GRAP	410	S/	MPLES		ASSAYS	1		COMPOSI	TES		.
	From	<i>To</i>	Run	Core	Duill series										NO F.	-om 10	** C	<u>u* [Co</u> *	Au PPh	Ag ppro	S2% Zn	<u>pon Co</u> ł		┝
				00%	Dilli casing								E	ŀ						┥──┤			<u></u>	·
	15	95		95%	Medium grained gre	y andesit	te?. moderate	<u>e to heavy f</u>	racturing, lc	cally porphyriti	<u>c oxidize</u>	d	E	ŀ	-+-			<u>+</u>	-	+			┝──┤	
				+			idesite, oxic	lized, calca						-									┝──┤	+
					<u>43-95' - heav</u> 86-94' - mode	<u>ily fract</u>	tured, modera	ite to stron	g oxidation	ared slickensli	dee		_	-					1				+ - +	
	95.	131		90%	Black argillite, in	nterbedde	ed grey limes	stone, local	ly brecciate	d crosscutting of	arbonate	veinlets	:					- 1						
					120-131' - py	rite cube	es abundant			<u></u>			-	ſ										
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					HOLE ABANDONED SHO	RT OF S2	SECTION DUE	TO LOSS OF	SET UP. REI	DRILLED AS 5(B)			-	L						$ \downarrow \downarrow$				
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			Inclination Rearing	PROPERTY MINDY-CRACCY	Length	452m	(148	3 ft)	1/	HOLE N) . ³	(B) -	81		PAG	ε # 1
RILL	_ H(DLE	RECORD Caller -54° II' N 55'56'E	Location Section F-F'	Hor Cor	mp.	/Ve	rt Comp	Ş	Sheet		f				
			310Et -43°	Elevation 1741.06m	Bearing	N_ 5	3° 50'	E	L	ogged by	Don	Hoy				
CONBR	RIDGE	NICKE	L MINES LIMITED 504 -39°	Coordinates 10,376.60 N	Begun	8/3/81	/Cor	mpleted 8/2	0/81	Sampled	р у "	'n				
			$750 - 36^{\circ}$	9-702-45 E	Core siz	e BQ	/Re	covery + 9	0%	DRILLERS	LY (FLY #	38)		RIG#	2
FOOT	AGE RE	cov'y	DESCRIPTION			GRAPH	110	SAMPLE	ES	ASSAYS			COMPO	SITES		
From	To RU	n Core						No. From To	0 F#	Cut Co	8 Au PP	Ag por	S28	Znppm	C0%	
0	40	80%	Drill casing				2	8433 515 5	30 15	19.0	10					
40	78	70%	Highly fractured andesitic volcanics, oxidized, Fe	staining prominently on fracture surf	faces	E		34 530 5	40 10	.13 .0	15250	0.9	24	230	.010	
78	93	907	Sheared andesitic volcanics fine grained Fe stai	ning		EII		35 540 5	50 10	.37 .0	20					
93 2	46	98%	Black, massive calcareous argillite - argillaceous	limestone, locally oxidized, crosscu	≟ by	-	L	36 550 5	60 10	.11 .0	10					
		1-1-	quartz & calcite veinlets, pyrrhotite stringers	, pyrite cubes, locally sheared		- 11		37 56057	65 165	5 .13 .0	08					
			136 - 138' - small intermediate felsic dyke,	carbonate veining		-	L	38 5765 5	90 135	i .01 .0	08 30	L.1	8	20	.008	
	1		169 - 173' - as above			-		39 590 6	00 10	.01 .0	07	į				
			174 - 180' - fine grained intermediate dyke.	pyrrhotite occurences as fracture fil	lings	-	L	40 600 6	10 10	.05 .0	27	ļ				
			185 - 191' - as above			-		41 610 6	20 10	,01 .0	10		$ \rightarrow $			
			208' - 6" wide quartz-carbonate vein			-	L	42 620 6	30 10	.05 .0	U61	 	┟──┤			
			212 - 225' - argillite, prominent pyrite cube	s, calcite veinlets		_	L	43 630 6	45 15	.01.0	06 20	L.L.	4	20	.007	
			225 - 246' - interbedded argillite & intermed	iate andesite, brecciated in places,		-	L	44 645 6	50 5	.04 .0	06	 				
			disseminated po & py cubes, prom	inent carbonate veining		-	Ļ	45 654 6	60 10	0.10.	<u></u>	ļ	┝──┤			
246 3	339	95%	Dark grey to black limestone - argillaceous limest	one, numerous crosscutting quartz & ca	arbonate	-	Ļ	46 660 6	70 10	.08 .0	38 25	L.1	12	50	.028	
			veinlets, disseminated po and py, pyrite cubes				Ļ	4/ 6/0 6	80 10	.04 .0	1/1	 				
339 4	33	95%	Interbedded argillaceous limestone and andesitic s	ills?,quartz-carbonate veining, shear	ed &		F	48 680 6	88 8	.09 .0	<u>30</u>					
			brecciated locally, po & py stringers intimatel	y associated with quartz-carbonate ve	ining		L	49 688 7	$\frac{00}{12}$.43 .1	50)		+		-+	
			351 - 376' - sheared brecciated andesite , po	, py & minor cpy assoc. with quartz v	eining		F	50 700 7	10 10	1.00.1	<u>/ч(</u>		┝──╁			
			376 - 398' - argillaceous zone, stringer po				F	51 710 7	20 10	.59 .1	30/35	L.1	84	75	.17	
			404 - 406' - massive pyrrhotite, assoc, quart	z & carbonate		=	-	52 720 7	30 10	1.3/.1	<u>/u</u>				<u> </u>	<u></u>
			407 - 433' - sheared, quartz, calcite rich zo	ne, po & cpy related to shearing and	fractures	£	-	53 730 7	40 10	.47 .2	2011					
[]			in argillaceous host.			-	Ļ	54 740 7	50 10	.51 .2						
433 5	504	100	Highly fractured, fine to medium grained andesite,	quartz & carbonate(ankerite?) veinin	g, trace	=	Ļ	55 750 7	60 10	.61.1	50) L5.	L.1	. 88	285	.19	
			to minor sulphides.			-	Ļ	56 760 7	70 10	.38 .2			┝───┾			
504 5	515	100	As above,			-	Ļ	5/ //0 /	80 10	.45 .1	<u>°</u> Y					
			510 - 513' - massive carbonate vein			=	Ļ	58 780 7	90 10	.46 .1	<u>70</u>)					
515	576.	98%	Fine grained basic volcanic, interbedded with meta	volcanics & some metasediments, appre-	ciable	=	H	59 /90 8	00 10	.80 .1	<u>" {</u>			+		-+
			sulphides (up to 50%), stringers, gobs & dissen	inated po, chalcopyrite rich zones, l	ocal	=	⊢	60 800 8	10 10	12.15 -0	331750	1.7	86	_105	-11-	_
			hrecciation, chloritic			=	⊢	61 810 8	20 10	1.80 .0	/8		\vdash	 		
576.56	545	98%	Fine to medium grained basic volcanic, (basaltic?)	chloritic, local heavy fracturing, m	inor	=	⊢	02 020 8	10 10	1.95 .0	4-					
			disseminated & stringer sulfides			=	⊢	63 830 8	40 10	1.75 .0	77	<u> </u>		+		
			609 - 612' - pyrrhotite gobs, assoc. chalcopy	rite, prominent calcite veining, sulp	hides	=	⊢	04 040 8	10 10	1.3/ .0		<u> </u>				
			associated with quartz & carbona	te veining		=	⊢	65 850 8	60 10	93 0	24/65	1.0	78	285	.089	
645 6	588	98%	Sheared fine grained basic volcanic, light breccia	ition, prominent quartz & carbonate (a	nkerite)	=	H	67 870 8	70 10 80 10	.85 .0	//II.	$\left \cdots \right $				
			veining (30-45°), banded & interstitial pyrrhot:	te (~30% sulphide) with minor assoc.	сру&ру	=	⊢	60 000 0		1.07.1	<u> </u>			<u> </u>		-+
				ing massive zone below , stringer&pate	hy робсрј		F	69 880 8	00 10	1 00 1	20115	10.1	-84	- 40	·11	-+
688	1070	95%	Massive sulphide zone, moderate to heavy fracturing	ig (80% sulphides), dominantly fine	to medium	E	⊢	70 000 0	10 10	1.001.1	<u> </u>	$\left \right $		 		
			grained pyrrohotite with minor assoc. exsolved	ру & сру.		=	F	71 900 9	20 10	1 23 1		┼──┤				
			Modal percentages:pyrrhotite- 90%,pyrite- 5%	chalcopyrite- 2-5%		=	-	71 910 9.	20 10	1. 23 .1	<u></u>	<u>├ </u>		\rightarrow		
			734 - 796' - heavily fractured			=	F	72 920 9	<u>30 110</u>	88 .1	20 K	+		-		
		\downarrow	796 - 811' - no core pulled			=	⊢	13 930 91	+0 110	.0/.1	<u>''</u>			-+		-+
			814 - 1065' - ore textures differ, medium to co	parse grained po, pyrite is framboidal	, ablo	=	⊢	74 940 9	50 110			$\left \cdot \cdot \right $				
			conglomeratic nature to ore in	places, sulphide blocks with sandy fri	aore -	=	\vdash	75 950 9	70 10		2011 20 2011	╟╍┸┨	81		╺┷┶┾╌	
			sulfide matrix, probable produc	of electrolyte leaching, hosted in a	ltered	-	-	10 900 9	10 110	+ • / • • 1	¥—	<u>├</u>		-+		
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					Inclination	Bearing	PROPERTY		Length					h	OLE	No.		5(B)			PA	GE 🖊 2	
RIL	L	H(ノヒヒ	RECORD	Collar		Location		Hor Cor	np.	/Ver	rt Con	<u>סי</u>	s	heet		01	1					
	8 P I	DGE	NICK				Elevation		Bearing					┈┝	ogged	by_							
			MOR				Coordinates	<u> </u>	Begun		/Con	nplete	<u>d</u>	S	ample	d by							
<u> </u>			·				<u>ا</u>	<u> </u>	Core siz	e	/Rec	overy	·	% 10	RUTER	<s< td=""><td></td><td></td><td></td><td></td><td>RIG</td><td></td><td></td></s<>					RIG		
FOO From		E REC	OV'Y Core		DESCRIPTION					GRAPH	10	No. F	AMPLES	Ft	ASSA Cu%	NS Col	Au PPb	Ag ppr	COMPC 5_%	SITE Znpp	5 n Co <u></u> 8		
	ļ			chloritic basalt	ts & black shale					£	28	8477	970 980 980 990	10	.52	.120	K						
	+		++	- collororm ban	nding seen in places	v				E	-	70	290 1000	110	1 02	083			†				
	+			<u> </u>	acture surfaces Fault course in black r	halos				<u>+</u>	F	80	10001010	$\frac{10}{10}$	2.63	.093	265	L.1	79	25	.10		-+
	+-		+	<u>1069 - 1074' - b</u>	precciated, sheared sh	ale, conglor	meratic nature to pyr	rhotite		-	- F	81	0101020	10	1.45	.120							+
1070	11	05	70%	Brecciated massive	sulphide, hosted in	argillaceous	s rock, dominantly co	arse grained & b	locky	-		82	0201030) 10	1.18	.100)						
				po with minor py	/ & cpy within a sandy	friable su	lfide matrix			2		83	0301040	10	1.21	.090	\						
				1077 - i	intense fracturing		······································			-		84	0401050	0 10	.74	.110							\rightarrow
	ļ			1100 - 1105' - p	prominent chalcopyrite	banding				-	-	85	0501060	10	.93	.087	60	0.5	77	50	.078		_
1105	μı	13	60%	Faulted zone. shea	ared zone in interbedd	ed green al	<u>tered sericitic - chl</u>	oritic volcanics	and	-	- H	86	0601070	$\frac{10}{10}$. 92	-090			 				\rightarrow
			+	black argillite,	, friable, crumbly cor	e, tault gou	iging, hydrothermal al	teration probabl	e	-	\vdash	0/	0701080		.99	.057	-+						+
1113		22	95%	Slightly brecciate	ed massive sulfide, co	arse grained	<u>l pyrrhotite, heavy f</u>	racturing		-	-	88	0901100	$\frac{110}{110}$	2.03	.057	40	0.9	81	900	.063		+
1122		44	90%	Sheared altered ba	asic metavolcanic, chl	oritic, ser	icite_contains 50% s	ulphide, as coar	se	-		90 1	1001105	5	1.18	.066	j						+
			1-1	no slight brecci	iation, friable sulphi	de matrix.	·····			-		91 1	1051113	8	1.12	0.071							-+
1144	11	48	70%	Alteration zone, f	friable, soft green vo	lcanic, chlo	orite & sericite, app	ears to be resul	t of	E		92 1	1131122	9	1.43	.077							T
				hydrothermal alt	teration							93 1	1221136	14	.27	.043	\$60	L.1	64	140	.064		T
1148	3 11	58	100	Brecciated massive	e sulfide, angular sul	fide blocks	within a gritty sulf	ide matrix (po &	ру)	- 1		94 1	1361144	8		.083							_
				pyrrhotite_most_	abundant sulphide, al	though zone	is quite pyritic					95 1	1441148	4	.6/	.052	}						+
1158	3 11	.74	0%	No core pulled						-	-	<u>96 1</u>	1481158	10	2.68	.058							-
1174	12	:55	100	Sulfide zone, (~7	70% sulfides) textures	variable f	rom massive, patchy,	tramboldal and s	tringer	-	-		1581174	- LI		LUSI	16						+
	–	_	╉┻╌╽	like, mineraliza	ation - predominantly	po, cpy ric	n zones			-	-	97 1	1741180	6	1.78	.073	355	14	75	40	069		+
			╂╌╌┧	sulphides	deposited syngenetica	lly with gr	een chloritic chert n	ost, prominent d	arbon	-	_	99 1	1901200	10	3.38	.063	<u>[]]</u>			40	<u></u>		-+-
		-	+	1246 - 1247! - 1	arge disseminations &	natchy cny	<u> </u>	<u> </u>	÷	-	5	00 1	2001210	10	2.63	.060							+
	+			1220 - 1236' - p	pyritic zone, some cpy	paceny cpy				=	5	01 1	2101220	10	2.78	.076							+
1255	12	85	100	Mineralized (#30%	sulphides) intercall	ated fine g	rained chloritic volc	anic black calc	areous	-	د	02 1	2201230	10	1.78	.087							I
	1			argillite and gr	rey chert, quartz vein	ing - domina	antly stringers, wisp	y bands, and dis	semin-	-	5	03 1	2301240	10			165	1.3	29.3	55			T
				_ated po - heavil	ly fractured. chloriti	c coating o	n surfaces			=	5	04 1	2401250	10			[]						\downarrow
				1262 - 1274' - b	black calcareous argil	lite,patche	s & gobs of quartz &	buff coloured ca	rbonate		5	05 1	2501255	5	↓		<u> </u>						+
1285	13	500	100	Mineralized (20-25	5% sulphides) black ar	gillaceous	limestone, banded & st	ringer po, transi	LEIONAL	=	Ľ		2331203	10		<u> </u>	┝─┤						+
1200	+			to underlying un	nit	ded atmir	r and apply nurrhatit	a with appreciat	10	-	5	07 1	2751275	10	1 <u>34</u> 21	030	100	L.1	10.2	30			+
1300	113	507	1100	Green to grey cher	rt,(50% sulphides)ban	ueu stringe	r and goody pyrrhorit	e with appreciat		=	F		2051200	110	1/		f==+						+
1307	7 13	125	100	chalcopyrite Bandod sulfidor (30%) hosted in charit	e-enidote r	ich altered volcanic	stringer and go	bby	=	5	10 1	3001307	7	.44	.028							+
1.307	113		100	panged sullings (approxiable chalcony	ito-ouprocu	e purite quartz gobs	& veinlets		-	5	11 1	3071320	13	-05	.008	15	L.1	21	15	.019		İ
	+		++		massive po band, ass	oc cov & ov	<u>s pyrice, quartz goba</u>			=	5	12 1	3201325	5	.45	.013							I
1325	5 13	333	100	Light grey to gree	en(chloritic) cherty s	ediment, st	ringer & gobby po wit	h appreciable c	у	-	5	13 1	3251333	8	.98	.023	!						1
				1326 - 1328' -	chalcopyrite rich					=	5	14 1	3331340	7_	.31	<u>.018</u>							+
1333	3 13	361	100	Mineralized fine t	to medium grained chlo	ritic volca	nic (gabbroic)dissemi	nated and string	ger po	=	5	15 1	3401350	10	.19	.046	275	L.1	29	-15	.049		+
	+-		┝──┟	<u>& cpy 1347 - 1349</u>	9' - small_chalcopyr	ite bands			······································	=	5	$\frac{16}{12}$	3591361	11	.69	.076	+						+
1361	1 14	410	100	Mineralized light	grey to green chert a	nd silicifi	ed fine grained volca	nic(20% sulphic	ie)	Ξ	5	$\frac{1}{18}$ 1	3701380	10	.23	.024	t - t						+
	+		╞──┝	- prominent stri	inger po and cpy	- quartz œ		verning			Ę.		3801300	10	.16	.010	710	0.2	22	15	.017		†
	+		╉──┝	- some sulfide i	intimately assoc. eith	quartz vei	ning (epignetic:)			=	P	<u></u> -+-'		1.0	├		·	-1					Ť

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سيرديهم بعراقهم والاربعان ومحجودها والاحتراف المعاد

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					Incli	nation	Bearing	PROPERTY		Length						HOLE	No.		5 ((B)		PA	E #	3
DRI	LL	. H	OL	E RECORI	Collor			Location		Hor Co	mp·	/Ve	rt Cor	np [.]		Sheet		0	£					
ENLOO					、		Į	Elevation		Bearing						Logge	d by							
FALCO	NBH	IDGE	NIC	KEL MINES LIMITE				Coordinates	N	Begun		/Cor	nplete	d	!	Sampl	ed by					<u> </u>		
							<u> </u>		ΕΕ	Core si	<u>z;</u> ;	<u>/Re</u>	cover	l	%	DRILLE	IRS					RIG#		
F	отл	GE RE	cov'y		DESCRIPTIC	N					GRAPH	110	S	AMPLI	ES _	ASS	AYS	1		COMPO	SITES			i
Fr	om	To Ru	n _I Core	· · · · · · · · · · · · · · · · · · ·									No. F	rom T	0 FA	Cu ₈	100%	Au PP	Ag pera	S28	Znppp	<u></u>		_ +
			1	- locally she	ared						F	Ĕ	85201	390 14	00 10	· [· 1	1.008	1/						
				@ 1400 '	- sulphide con	cretion	is, po				÷	-	521 1	400 14	10 10	2	1.048	¥—						
14	10 1	442	100	Fine-medium grai	ned chlorite -e	pidote	rich volcar	ic, disseminated&min	or stringer po(10%	sulphide	≠	-	522 1	410 14	20 10	· · · · ·	1.019							
14	42 1	.460	. 98%	Medium grained.	moderately fract	ured, l	pasic volcar	uc,diabasic-dioriti	? plagioclaselath	es	-	⊦	523 1	420 14	30 10		3 .006	H						+
1.6	601	482	959	visible, disse	minated po & py	volcan	ic ac above	containing natchy &	handed (50% sult	hide)	-	F	525 1	430 14	50 8		4 .012	\mathbf{f}	- 1.1		- 30	.019		
13		402	0.7%	neurum graineu u		voican.			banded (50% sarp		-	F	526 1	450 14	60 10		0.21)						+
	-+-	-+-	+	pyrrhotite & m	inor pyrite	nato g	bs prominer) F				F	527 1	460 14	70 10	.31	.085	h 10	L.1	40	15	.052		+
-			-	quarte a bar	corodred carbo	mace 5	Jos prominer				-:		528 1	470 114	82 12	13	036	1						-+
			+	- talc coating	<pre>fracture surfac sheared & light</pre>	tes	recciated vo	lcanic as above int	erbedded with lime	v						1	1.0.10	ľ i						
-	-+-		1	1407 1402	argillaceous	units,		realize ab above life			-													-
- I				- stringer & n	atchy po still n	ersist					-		_											
				- quartz veini	ng						-													
			-								-	L				_								
					DRILL SUMMARY F	OR DIA	MOND DRILL H	IOLE 5 B			E					_	\downarrow			$ \rightarrow $				
											<u> -</u>	L					ļ							
				40-93' - highly	fractured & shea	ared and	desitic volo	anics			+ +	F												
				29-339'- dominan	tly black calcar	eous s	haly argill	te, interbedded wit	h minor limestone	beds,	1.	⊢			_									
				intrude	d by andesitic s	ills,	oyrite cubes	<u>s, stringer pyrrhoti</u>	te		<u></u> []	Ļ		-+										
				339-433 - int	erbedded black o	alcare	ous argillit	e & andesitic sills			-	+										-+-		
				433-504 - and	esitic volcanics	, rela	cively unall	erea		<u>.</u>		⊢								-	+	-+		-+
	-+		—	<u>504-688 - fin</u>	e grained dark g	green cl	horitic-epic	lote altered volcani	<u>cs (pillow lavas?)</u> hy sulfides domin	inter-	-	-	+						.	-	+	-+		
				bed	ded units of che	ert,app	reclable sti	inger, diss. a pate	ily sullides, domin		-	-	-+											\rightarrow
	_			po	but some cpy ric	h zones	s, mineraliz	ation up to 30%.	como chalv unite	replaced		-								-+		—-†-		-+
				600-1105 - Mas	sive suirides, re	расеше			some shary units	repraced		-			-+-	-							+	+
				$\frac{688-814}{814-1065} - tin$	e to medium grai	ned po	exsolved py	and cpy	textures collefo	rm hand-		-									-			-+
					congroue	- cru	coarser gre	ined po, framboldar	textures, correct	sulfide	-					-	T				-			
-		-			<u>, 90% po, 5% py</u> _ cks	<u>8 3% c</u> l	by, sandy L	<u>lable sulfide matri</u>	x interstitial to	0011100	-				_									-
				1105-1285 - Zon	e of pillow lava	s,shear	red and alte	ered volcanicscontai	ning massive sulfi	de units	-													
- F			+	hre	cciation and faul	t goug	ing, banded	and stringer sulfide	s prominent up to	50%														
				1285-1410 - Dom	inantly grey to	green	chert, a fev	v interbedded chlori	tic volcanics & li	mey sedi	-													\Box
			1	mer	ts prominent bar	nded &	stringer sul	fides, chalcopyrite	rich zones		-	L				_ _								
				1410 - 1482 - A	ltered f.g. bas	sic vol	canic chlor:	itic, still persista	nt patchy & string	ger sul-						<u> </u>								
				fic	es							_	<u> </u>											
												-												
Ĺ			_	* HOLE LOST AT A	DEPTH OF 1482',	CUTTIN	GS IN THE HO	DLE JAMMED DRILL ROD	S, ALSO CIRCULATIO	IN LOST	-	⊢			_ _	+						<u> </u>		
			-	IN HOLE AT MUL	SEAMS AND FRACT	URE ZO	NES. S2 ZO	ONE ENCOUNTERED @ 50	4' CONT. TO END OF	HOLE	-	┝				+		├						
			<u> </u>	NO DIP TESTS A	T BOTTOM DUE TO	LOSS O	F HOLE.					⊢				+	├ ── 							-+
			+								-	-			- +	-+	 				-+		-+-	+
				HOLE FLATTENED CO	SIDERABLY ALLOW	ING A E	SETTER CROSS	SECTION THAN OTHERS	<u>. </u>		-	ŀ	-+			+	<u>├</u> ┨	└──- 		+				-+
┣				·	·····						-	┢				+			†	-+	+		+	\rightarrow
			- 	+ <u> </u>							-	F				1						-		+
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DRILI	- F	IO	F	RFCORD	Gollar	Incirnarian	Bearing	Location	Section E-E'		Hor Cor	τ.ρ.	/Ve	t Cor	np [.]	Ş	heet		01	!				
011120			_		, 	-52-33	N44 45 E	Elevation	1706/20m		Bearing	N 44	45' E				ogged	i by	Don H	ov			·	
FALCONBI	RIDG	E NI	CKE	L MINES LIMITED	207 ft	-49	r	Coordinates	10.324.40	N	Begun	8/1/8	/Cor	nplete	d 8/5/8	31 S	ample	d by		**				
FNMAR								4	9,828.80	E	Core siz	e B.Q.	<u>/Rec</u>	over	/	% D	RILLE	RS I	.y (FI	Y #38	3)		RIG#	
FOOT	AGE	RECO	14		DESCRI	PTION						GRAPH	110	S	AMPLES	5 <u> </u>	ASS	AYS			COMPO	SITES	1	
From	TO	Qun C	ore											NO. 1	rom To	FA	Cut	1008	Au PPb	Ag ppro	528	Znppn	<u>_C0</u> *	
0	17		50%	Drill Casing									2	8413	158 16	8 10	005	014		$ \longrightarrow $			-+	~~
17	25		70%	Heavily fractured a	andesite,	fault gougi	ng, oxidized	l, Fe staining	, limonite			F	-	14	168 17	$\frac{3}{3}$ 10	.05	.017	$\frac{1}{5}$	T 1	11	110	015	
25	32		30%	Fractured black sha	ale, argi	<u>llaceous & c</u>	alcareous, f	ault gouging				F	-		170 10		1.07	.010	f'			-110	.015	
32	- 38		90%	Laminated black sha	ale, calca	areous quart	z & carbonat	e veinlets				-	-	16	188 19	$\frac{3}{3}$ 10	.20	016)		+	+	+	
38	104		ιοο	Relatively unaltere	ed andesi	te, moderate	ly fractured	<u>Lamygdaloi dal</u>	(calcareous am	ygdules,		-	- F				1 .15						+	
				locally oxidized.	· · · · · · · · · · · · · · · · · · ·		,		- Furtherming m	inor dica	aminatod	-	F	18	208 21	$\frac{5}{8}$ 10		007	5	T., 1	7	60	.019	
104	158		95%	Basic fine grained	chieriti	c volcanic,	dark green m	noderate-heavy	fracturing, m	inor diss	eminaced	-	F		210 22			.014	Σ			<u> </u>		
				sulphides, minor	quartz &	carbonate v	eining.					-	-	20	228 23	$\frac{11}{3}$	07		F					
┣+				112 - 129' - he	eavily fr.	actured (10°-	-50), light	oxidation				-		22	248 25	$\frac{2}{2}$ 4	1.06	.013	10	L.1	11	45	.013	
				<u>140 - 150 - a</u>	a autive				conturo fillino	e and et~	ingers	<u>.</u>	F	22	272 28	8 16	03	.005			†			
158	238	-+	100	Beginning of ore zo	one, 10%	pyrrnotite	as large dis	sseminations, fr	acture filling	o and SCI	inget S	-	F	24	288 29	8 10	.14	.016						
			-+-	iosted in rine g	Lained ba	Sie voleanie		S au fragmont	a diacominato	d opy wit	hin	-		25	298 30	8 10	79	023	20	1 3	17	305	025	
			-+-	1/1 - 1/3' - q	and of ma	ssive no (@	70°) minor r	a py ragment	s, disseminate	<u>u chy wit</u>		-		26	308 31	5 7	.38	.051						
		+		175 174 1	1 1 .	<u></u>	, , , minter p	enter functions				F	F	27	315 329	14	.23	.048						
		 		202 - 204' - 53	anded mas	sive po, ass assoc with	oc, with qua	buff carbonat	re			F		28	329 339	9 10	.24	.087						
238	252	-+	95%	Argillaceous shale	, lightly	brecciated,	sheared, qu	uartz & carbon	nate veining, l	ocally ox	idized	$\begin{bmatrix} 1 \\ - \end{bmatrix}$	Γ	29	339 349	9 10	.24	.029	₹40	.6	35	560	.066	
				fine grained pa	ny k cn							F	Γ	30	349 35	3 9	.21	.100						
252	267		100	Medium grained and	esite (dy	ke rock?) au	ygdaloidal, d	quartz-calcite	e veining, void	of sulph	ides	F		31	358 36	5 8	,18	.018						
267	272	-+	0.5 %	Chloritic fine gra	ined volc	anic interca	lated with	black argilli	ite.			3		32	366 371	5	1.70	.021	j 20	2.0	11	70	.019	
201	- 27 6		7.2/0	267 - 269' - o	xidized v	olcanic brec	cía, volcan:	ic and argilla	aceous clastics	, porous		-				_								
			-+	270 - 272 - in	ntensely	fractured, q	uartz veinin	ng				-						ļ					$ \rightarrow $	
272	288		100	Black argillite, c	ontaining	stringer &	fracture fil	lling po (20)% sulphide). s	tringers@	45-50	~	_					ļ						
288	315		95%	Fine grained, dark	green vo	lcanic, po s	tringers, (20-50% sulph	nide)			-				<u> </u>	<u> </u>	Ļ						/
315	329		80%	Gossan, highly oxi	dized, fr	actured.						:	_				 							
329	358		100	Basic fine grained	volcanic	s, containín	ng appreciabl	le to heavy	sulfides (30	-50%),1 .r	ge	-	_					 						
				stringers of po.	some cha	lcopyrite. p	rominant ca	lcite veining.	moderate frac	turing, c	hloritic	=	_											
				344-346' - carbo	nate brec	cia, po clas	ts					=	F								+			
				350-353' - massi	ve po zon	e, minor py				· · · · · · · · · · · · · · · · · · ·		-	H											
358	366		98%	Black argillite, p	rominant	po stringers	and dissem	ination, minor	r pyrite			=	H	+			-						-+	
			$-\Gamma$	365-366' - fract	ured zone							=	-				+							
366	389		95%	Oxidized fine grai	ned basic	volcanic. c	<u>hloritic, s</u>	heared, porous	s		· · · · · · · · · · · · · · · · · · ·	-	┝				1						+-	
			$-\downarrow$									-	ŀ								+			
						BEBORE SUT	DINO C ROM					-	H	-+	<u> </u>		1	-					-+	
				HOLE LOST DUE TO SI	LUCK RODS	BEFORE ENTE	KING S2 ZONE	· · · · · · · · · · · · · · · · · · ·				<u> </u>	H	+		+	<u>+</u>							
				<u></u>								-	⊢	-+		-	1	<u> </u>			+		-+	-++
			-+-			<u> </u>		<u> </u>				-	F				t							
										<u>.</u>		-	F			+	<u>†</u>							
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LL HOLE RECORD Interiors Marries PROPERTY 2001 Classics Marries Marries <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Length</th><th>396.5A</th><th>1300</th><th>Et)</th><th></th><th>H</th><th>OLE</th><th>Vo.</th><th>7-8</th><th>1</th><th></th><th></th><th>PAC</th><th>SE 🖊</th><th>1</th></th<>									Length	396.5A	1300	Et)		H	OLE	Vo.	7-8	1			PAC	SE 🖊	1
LL HOLE HOLE HOLE HOLE Lessed by Barrow Lessed by Barrow Lossed by Barrow Dow low NARROW $\frac{1}{20}$ (1 - 2): $\frac{1}{20}$ (2 - 2):					Inclination Bearing	PROPERTY	WINDY - CRAGG	<u>¥</u>	Hor: Com	10.	/٧	ert Cor	np.	S	heet		of						
NAMPOGE NOKEL MINES LIMITED 232 + 23 - 237 (a) Lifering (a) N Beam Attract (a) Description Lifering (a) Correction (a) Attract (a) Beam Correct (a) Correction (a) Correc	ILL	. H	ULL	RECORD	Coller -56 27 N42 4 E	Location	Section 2 2		Bearing	N 42° 41	E				maed	by	Don	Ноу	·				
NAME NUMBER Tot if 12^{-22} 20^{-1} Coording to 20^{-10} Core lists to 2^{-10} State 1 St			NUCK		525 ft -52° 30'	Elevation 1	<u>695,23m</u>	N	Begun	8/8/81	/Co	mplet	d 8/20/8	81 50	ampled	by	11	"					
Digital Digital <t< td=""><td>ONRE</td><td>IUGE</td><td>NICK</td><td>EL MINES LIMITED</td><td>746 ft -52° 30'</td><td>Coordinates</td><td>9 805 38</td><td><u>è</u></td><td>Core size</td><td>BO</td><td>/Re</td><td>cover</td><td>y + 95 9</td><td>6 DI</td><td>RILLER</td><td>LY</td><td>(FLY</td><td>#38)</td><td></td><td></td><td>RIG#</td><td>1</td><td></td></t<>	ONRE	IUGE	NICK	EL MINES LIMITED	746 ft -52° 30'	Coordinates	9 805 38	<u>è</u>	Core size	BO	/Re	cover	y + 95 9	6 DI	RILLER	LY	(FLY	#38)			RIG#	1	
Control DESCRIPTION Description Description 0 mag n_{0}					1025 ft -53°	L	9,009.90			C 0 4 0	LUC I				ASSA	s		(OMPOS	SITES			
Comp. Del Sel 2000 Control Carling and and active values and control control of the second seco	FOOT	AGE RE	COV'Y		DESCRIPTION					GRAF	nic .	NO	From To	FA	Cut (60	Au PPb /	Ag perd	528 1	Znpon	Cos		
0 30 500 Prill Casing 500 Prill Casing 500 Prill Casing 1 511 552 Fine to media grained, gray andeolic voltamics, oxidined in places, disseminated po 511 552 Fine to media grained, gray andeolic voltamics, oxidined in places, any applicial (clarators mygduled) 10 512 552 Fine to media grained black, shine, source means access any applicial (clarators mygduled) 513 151 153 160 44, 000 S - 11 513 151 152 Fine to media grained black, shine, source means access any applicial (clarators mygduled) 513 151 152 153 160 0.00 S - 12 525 Fine to media grained black, shine, source means access any applicial (clarators mygduled) 513 151 152 153 160 0.00 S - 12 526 Fine to media grained black, shine, source means access any applicial (clarators mygduled) 513 151 152 153 160 0.00 S - 12 527 Federicantly source means access any applicial (clarators mygduled) - - - 13 513 151 152 153 150 110 110 0.00 f - - - 151 152 157 Federicantly source means access any applicial (clarators mygduled) - - - 151 152 157 Federicantly source means access any applicial (clarators mygduled) - - - - 151 153 153 150 160 160 160 160 160 160 160 160 160 16	From,	To Ru	n Core									28529	360 370	10	.08	014	<u>}</u>	L.1	10	130	.011		
95 11 325 First to medium grained, agricy underlift voltantics, outlined in places, mayadologi 15 32 -4 -5 -4 -5 -4 -5 -4 -5 -4 -5 -4 -5 -4 -5 -5 -4 -5 -4 -5 <t< td=""><td>0</td><td>29</td><td>50%</td><td>Drill Casing</td><td></td><td></td><td>lisseringto</td><td>4</td><td></td><td></td><td></td><td>530</td><td>370 375</td><td>5</td><td>.04</td><td>006</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	0	29	50%	Drill Casing			lisseringto	4				530	370 375	5	.04	006							
$3 - 3^{3}$ Fracture, none, Pe station $3 - 2 - 30^{3}$ (fighty fracture) and models, any photodal (cattercous may photodal) $3 - 2 - 30^{3}$ (fighty fracture) and models, character and set in the coust of the coust	29	51	95%	Fine to medium grai	ined, grey andesitic volcanics, oxid	lized in place	es, disseminate	<u>a po</u>	i			531	375 385	10	.04	.005							_
131 302 Highly fractured andesitic volcanics, oxidined in places, anyghiodal (solutrous apyghing) 201 302 All Solution (Solution) Solution) Solution (Solution) Solution) Solution (Solution) Solution) 201 202 Solution) Solution) Solution) Solution) Solution) Solution) Solution) 201 202 Solution)			-	43 - 48' - Fr	racture zone, Fe staining					-		532	385 395	10	.04	.005							
22 64 507 Frailit course, sharted likek shale, poor core recovery 55 120 705 Frailit course, streamed andesite coloraties, calcurate using building and the course of the course 55 120 705 Frailit course, streamed base to colorate, calcurate using building and the course of the course 140 65 - Galf course, streamed base to colorate, and the colorate using and the colora	51	52	80%	Highly fractured an	ndesitic volcanics, oxidized in pl	laces, amygdal	oidal (calcareo	us amygdul	es	-		533	395 405	10	.12	.005	5 5	L.1	3	35	.005		
Au B 702 Precince a, sheared indensity, calcareous synthus, numerous mail fault panges. S1 712 720 751 7	62	64	50%	Fault gouge, sheare	ed black shale. poor core recovery					:		534	405 415	10	.01	.005							
55 120 202 752 120 202 752 120 101	64	85	. 70%	Fractured, sheared	andesitic volcanics, calcareous a	amygdules, num	erous small fau	lt gouges		-		535	415 420	5	.09	.014							
Bit - foul goad 128 761 300 128 240 230 240 230 241 230 241 231 241 232 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 231 241 232 242 100 716 721 1232 242 100 716	85	129	20%	Fractured grey to b	black limestone, argillaceous, ext	tremely poor	core recovery			-		536	(20) (20)	110	1 21	035						T	
129 610 000 120 <td></td> <td></td> <td>-+</td> <td>951 -</td> <td>fault gouge</td> <td></td> <td></td> <td></td> <td></td> <td>- </td> <td></td> <td>530</td> <td>420 430</td> <td>1 0</td> <td>05</td> <td>006</td> <td>20</td> <td>0.4</td> <td>15</td> <td>1450</td> <td>.011</td> <td></td> <td></td>			-+	951 -	fault gouge					-		530	420 430	1 0	05	006	20	0.4	15	1450	.011		
Set Price231932932Price932933 </td <td>120</td> <td>161</td> <td>90%</td> <td>Highly fractured bl</td> <td>lack calcareous argillite-argillad</td> <td>ceous limesto</td> <td>ne,locallylamina</td> <td>ted, calci</td> <td>te veins</td> <td>2 x </td> <td></td> <td></td> <td>430 433</td> <td>+ ŕ</td> <td>+</td> <td></td> <td>1</td> <td><u></u></td> <td></td> <td></td> <td></td> <td></td> <td></td>	120	161	90%	Highly fractured bl	lack calcareous argillite-argillad	ceous limesto	ne,locallylamina	ted, calci	te veins	2 x			430 433	+ ŕ	+		1	<u></u>					
233 244 100 Fine grained basic volcating, relatively unattered, light to moderate brecciation, sheared participation, sheared participation, relatively unattered, light to moderate brecciation, sheared participation, sheared participation, relatively unattered, light to moderate brecciation, sheared participation, sheared participation, relatively unattered, light to moderate brecciation, sheared participation, sheared participatin sheared partrespectrum, sheared partreat participatin sheared pa	161	235	95%	Predominantly mediu	um grained andesitic volcanics, an	mygdaloidal,c	arbonate veins	& veinlet	s, light	-		538	439 445	+ 6		007						_	
232 10 <t< td=""><td></td><td></td><td></td><td>to moderate fractur</td><td>ring minor disseminated sulphide.</td><td></td><td></td><td></td><td></td><td>-</td><td>1</td><td>539</td><td>445 453</td><td>+ 7</td><td>1.07</td><td>.007</td><td>(</td><td></td><td></td><td></td><td>- 1</td><td></td><td></td></t<>				to moderate fractur	ring minor disseminated sulphide.					-	1	539	445 453	+ 7	1.07	.007	(- 1		
1.21 1:10	235	244	100	Fine grained basic	volcanic, relatively unaltered,	light to mode	rate brecciatio	on, sheare	d po	-		540	455 460	+	+								-
1 Fried 2005 - band of coarse grained py	235		1.00	and braches succe						-		541	460 470	10	- 35	030			10	150	022		
230-244' - Dreciated sulphide, with fa cathonate matrix, pokpy, alight, axidation 231 232 232 244 222 900 Fine to medium grained andesite, anygdaloidal in places, minor disseminated sulphides 543 460 400 10 28 01 2.02 022				rich zones	hand of coarse grained py					-		542	470 480	10	.41	.030	(15)	0.3	40	150	.022		
239 - 244' - breecisted subhles, with rs caponate matrix, matrix and subhles 544 490 500 100 .24 .012 244 282 905 Fine to medium graited andesite, anyyddioddi of paches, minor disseminated subhles 555 500 510 10.22 .00 .24 .018 1 287 380 209 - po band, containing py and cpy 546 510 520 10 .22 .010 .24 .018 1 2 287 380 100 Fine to medium graited andesite, anythis, also subor disseminated subhles 555 505 510 10 .29 .010 .24 .018 1 2 287 380 100 Fine to medium graited andesite, locally anythishishi clancharpus, sinor po attringers closely 555 550 550 10 .27 .00 .28 .00 .27 .02 .00 .24 .018 4 2 287 380 100 Fine to medium graited andesite, locally anythishishi clancharpus, also subor disseminated sublide 555 550 560 10 .29 .00 .24 .018 4 2 297 - so po, yhand assoc. it duarts / a calcite vain rich, with associated parchy pa & py 555 500 500 10 .27 .00 .01 .00 .12 .02 .01 .00 .12 .0			_	230.3	balld of course ground py		notor elight	oxidation		-		543	480 490	10	.38	.031	+				$ \rightarrow $		
244 222 902 Fine to medium grained andesite, amygdaloidat in placesymbol Circlement Propriet 245 265 - molbides have close spatial & phand - 267 267 - po band, containing py and cpy 287 287 952 Shared metavolcanic, schistow, chloritic, minor disseminated sulphides 287 287 952 Shared metavolcanic, schistow, chloritic, minor disseminated sulphides 287 952 Shared metavolcanic, schistow, chloritic, minor disseminated sulphides 287 952 Shared metavolcanic, schistow, chloritic, minor disseminated sulfide 287 952 Shared metavolcanic, schistow, chloritic, minor disseminated sulfide 287 952 Shared black argillaccoux, sith quartz-carbonate veining, also minor disseminated sulfide 399 - sabove, py vich intersticial quartz & celeite veining, also minor disseminated sulfide 391 - 302 ² - sulfides associated vith quartz-carbonate veining, also minor disseminated sulfides 392 Shared black argillaccoux shale, slaty cleavage, appreciable stringer sulphides (10-2020 iffed) 395 416 629 395 416 630 395 416 640 396 535			_	239 - 244' -	brecciated sulphide, with re car	ponate matrix	seminated sul	ohides				544	490 500	10	.26	.014							-
4 253' - mail no hand 263' - po band, containing py and cpy 264 262 10 224 108 - - 271 - 272' large quartz carbonate vein, vith associated py, po 6 cpy 547 520 500 10 9.029 51 547 520 500 10 9.029 51 549 520 500 10 9.029 50 0.03 84 500 <td>244</td> <td>282</td> <td>90%</td> <td>Fine to medium gra:</td> <td>ined andesite, amygdaloidal in pi</td> <td>aces, minor un</td> <td>ascaritacea eraj</td> <td></td> <td></td> <td>2</td> <td></td> <td>545</td> <td>500 510</td> <td>10</td> <td>.22</td> <td>.020</td> <td>\mathbf{h}</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	244	282	90%	Fine to medium gra:	ined andesite, amygdaloidal in pi	aces, minor un	ascaritacea eraj			2		545	500 510	10	.22	.020	\mathbf{h}						-
269' - po band, containing py and cpy 272' - 100 band, containing py and cpy 272' - 100 band, containing py and cpy 287 287 287 935 Sheared matrix close matrix is anon disseminated sulphides 287 360 100 Fine to action at wein matrix is anon disseminated sulphides 287 360 100 Fine to action at wein matrix is anon disseminated sulphides 287 360 100 Fine to action at wein matrix is a matrix is			_	253' -	small po band					F		546	510 520	10	.24	,018						·	
271 - 272' - large quarts carbonate velo, virth associated winjog Capy - subhids have close sostial & genetic: Clastionship to velop 282 287 952 Sheared setavolcanic, schistose, chloritic, mior disseminated sulfide 287 360 100 Fine to medium grained andesite, locally amgebolidal, calcarana, minor Do stringers closely 386 530 560 501 560 501 560 501 560 560 0.38 400 .076 287 360 100 Fine to medium grained andesite, locally amgebolidal, calcarana, minor Do stringers closely 551 560 501 10.12.0.02 10.02.100 551 560 501 10.02.100				269' -	po band, containing py and cpy	h associated	DV DO & CDV			-		547	520 530	10	.19	.029	2 5	L.1	39	60	.025		
				271 - 272' -	large quartz carbonate vein, wit	n associated	py,po a cpy			-		548	530 540	10	.32	.043							
287 928 368 form of the seminated supplices 287 360 100 Fine to medium grained andmairs. Incally anyyadholid, clararoux, minor postringers closely 287 360 100 Fine to medium grained andmairs. Incally anyyadholid, clararoux, minor postringers closely 287 360 100 Fine to medium grained andmairs. Incally anyyadholid, clararoux, minor postringers closely 287 360 100 Fine to medium grained andmairs. Incally anyyadholid, clararoux, minor postringers closely 292' - po,py hand assoc. with quartz?carbonate carbonate 209' - sa above, py with interstizial quartz & fe carbonate 315 - 316' - as above 315 - 316' - as above, py, minor cpy, crosscut by numerous quartz & calcite veinlets, heavy fracturing (-437) 360 307. 592, Sheared black argillaceous shale, slaty cleavage, appreciable stringer sulphides (10-20% sulfide) 307. 415 552, Large quartz body (large wein ?) relatively impure, Fe carbonate inclusions, stringers 6, patchy po, sheared 415 397 - 415' - puartz, country rock inclusions, carbonate (buff) patches, black a' 416 433' - carbonate breecia, argillite risgerspo, minor py 6 cpy 416 433'				- sulphides ha	ave close spatial & genetic? relat	ionship to ve	ining			-		549	540 550	10	.57	.065	D						
287 360 100 Fine to medium artained andesire. locally anyyksholidal calcareewis, minor po stringers closely 287 360 100 Fine to medium artained andesire. locally anyyksholidal calcareewis, minor po stringers closely 380 380 100 Fine to medium artained andesire. locally anyyksholidal calcareewis, minor po stringers closely 380 380 90 551 560 50 10 27 030 10 0.2 33 200 036 380 302° - subides associated with quartz-Fe carbonate 553 580 500 10 .87 100 .27 .30 10 0.2 33 200 .036 300 306' - sa above - - .553 580 500 10 .47 .100 .2 .23 200 .036 310 - sa above - - .555 500 10 .27 .30 10 .21 .21 .21 .23 .21 .22 .21 .21 .21 .21 .21 .21 .21 .22 .23 .21 .21 <td>282</td> <td>287</td> <td>95%</td> <td>Sheared metavolcan</td> <td>ic,schistose, chloritic, minor di</td> <td>sseminated su</td> <td>ilphides</td> <td>. 1</td> <td>. 1</td> <td>- </td> <td></td> <td>550</td> <td>550 560</td> <td>10</td> <td>1.96</td> <td>.092</td> <td>> 60</td> <td>0.3</td> <td>84</td> <td>300</td> <td>.076</td> <td></td> <td></td>	282	287	95%	Sheared metavolcan	ic,schistose, chloritic, minor di	sseminated su	ilphides	. 1	. 1	-		550	550 560	10	1.96	.092	> 60	0.3	84	300	.076		
200 Associated with quartz=carbonate veining, also minor disseminated sulfide 227 - po.py band assoc. with quartz=Fe carbonate 227 - po.py band assoc. with quartz=Fe carbonate 227 - sa above, py with interstitial quarts & Fe carbonate 302 - sulfides associated with quartz=Carbonate veining 302 - sulfides associated with quartz=Carbonate veining 306 - as above 306 - as above 306 - as above 307 - sa above 308 330 - 360' - heavily fractured, quartz & Calcite vein rich, with associated parchy po. & py 360 375 952 952 556 610 10 360 375 952 110 -27 -100 360 375 952 Star orespeut by numerous quartz & calcite veinlets, heavy fracturing (-457) -556 660 600 10 1.07 -100 - 375 415 852 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer 6 po & cpy - - - - - - - - - - - -	297	360	100	Fine to medium gra	ined andesite. locally amygdaloida	1 calcareous,	minor po stri	ngers clos	ely	-		551	560 570	10	.55	.042)						
297' - po.py hand assoc. with quartz-fe carbonate 299' - as above, py with interstitial quartz & fe carbonate 300' - sulfides associated with quartz-carbonate veining 315 - 316' - as above 315 - 316' - heavily fractured, quartz & calcite vein rich with associated parchy po. A py 360 375 952 Sheared black argillaceous shale, slaty cleavage, appreciable stringer sulphides (10-2050) 375 415 S52 Large quartz body (large vein 2) relatively impure, Fe carbonate inclusions, stringer & patchy 561 660 700 10. 1.27 376 - 397' - impure quartz, country rock inclusions, carbonate (buff) patches,blebs & stringer sof po & cpy 562 670 680 10. 1.58 570 720 710 10. 58 581 439 495 Pi Regrained black argillaceous shale, slaty cleavage, banded & stringer po 562 677 720 710 10. 58 563 680 690 10. 58 564 687 702 710 10. 58 567 720 710 10. 55 568 720 720 710 10. 55 568 720 720 710 10. 55 568 702 700 710 10. 55	201	- 200		associated with qu	artz=carbonate veining, also mino	r disseminate	ed sulfide			-		552	570 580	10	.27	.030	10	0.2	33	200	.036		
299' - as above, py with interstitial quartz & Fe carbonate 300' - subject 300' - subject 315 - 316' - as above 315 - 316' - as above 315 - 316' - as above 316 - 316' - as above 317 - 300' - maxily fractured, quartz & calcite vein rich, with associated parchy po. & py 360 375 952 Sheared black argillaceous shale, slaty cleavage, appreciable stringer sulphides (10-20% sulfide) 360 375 952 Sheared black argillaceous shale, slaty cleavage, appreciable stringer sulphides (10-20% sulfide) 375 415 855 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer 6 patchy 375 957 - 397' - impure quartz, country rock inclusions, carbonate (buff) patches, blebs 4 361 439 957 / Fine grained chloritic= equarts, little mineralization 375 433' - carbonate breccia, argillite (ragments, po patches 375 433' - carbonate breccia, argillite (ragments, po patches 376 957 Black argillite, disseminated & stringer po, minor py & cpy 377 957 Black argillite, disseminated & stringer po, minor py & cpy 377 957 Black argillite, disseminated & stringer po, minor py & cpy				2071 -	po ny hand assoc. with quartz-Fe	carbonate				-		552	590 500	10	51	042	0						
302' sulfides associated with quartz-carbonate veining 537 600 610 10 1.27 110 1 306' - a s above - - 556 600 610 10 1.27 110 1 - - 557 620 630 10 1.27 110 - - - 557 620 630 10 1.27 110 - - - 557 620 630 10 1.61 120 - - - - - 557 620 630 10 1.61 120 - - - - - - 557 620 630 10 1.61 120 -			-	2991 -	is above, py with interstitial q	uartz & Fe ca	arbonate			-	1	554	590 600		87	.120	Ň						
306' - as above - as above 315 - 316' - as above		+		302' -	sulfides associated with quartz-	carbonate ve:	ining			-		555	600 610	$\frac{1}{10}$	1.27	.110							
306 306 308 400 1.108 1.208 408 <		+	-+	2011	an above					-	1		(10) (00	1.	1. 0/	140	N ac	0.1	70	5 2 0	110		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				306 -	as above					-		556	620 620		$\frac{11.04}{11.61}$	120	f		-14	- 5/14	- 110		
330 - 360' - heavily fractures, quartz, quartz, quartz & calcife stringer sulphides (10-20% sulfide) 360 375 952 Sheared black argillaceous shale, slaty cleavage, appreciable stringer sulphides (10-20% sulfide) 375 415 852 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer & patchy 380 375 - 397' - impure quartz, country rock inclusions, carbonate (buff) patches,blebs & 380 375 - 397' - impure quartz, little mineralization 397 - 415' - pure quartz, little mineralization 415 439 952 Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 433' = carbonate breccia, argillite fragments, po patches 439 443 439 952 Fine grained chloritic==pidote volcanic & green chert, sheared, stringer po 445 453 952 Black argillite, disseminated & stringer po, minor py & cby 569 740 770 780 770 780 770 780 770 780 770 780 770 780 770 780 770 780 770 780 770 780 770 780		\vdash		515 - 510	as about	vite vein ric	h with associat	ed parchy	po & py	-		557	020 030	/ 10	1.01	.120	╟──						
360 375 952 Sheared black argillaceous state, study circuity inpure, se calcite veinlets, heavy fracturing (-45°)- mainly po & py, minor cpy, crosseut by numerous quartz & calcite veinlets, heavy fracturing (-45°)- 559 640 650 10 1.41 0.95 375 415 852 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer & patchy 560 660 660 10 1.41 0.95 1.1 81 130 120 561 660 660 10 1.41 0.95 1.1 81 130 120 562 560 660 10 1.41 130 120 562 560 660 10 1.41 130 120 562 560 660 10 1.57 100 562 560 10 1.53 1.50		-+		330 - 360' -	heavily fractured, quartz a card	appreciable s	tringer sulphid	es (10-20	%sulfide			558	630 640	$\frac{10}{10}$	01.07	.100	K						
375 415 852 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer & patchy sulphides. 560 650 660 10 1.93 1.03 120 375 415 852 Large quartz body (large vein ?) relatively impure, Fe carbonate inclusions, stringer & patchy sulphides. 561 660 670 680 10 .98 1.30 1.20 375 397 - impure quartz, country rock inclusions, carbonate (buff) patches.blebs & stringers of po & cpy 562 680 690 10 .98 1.30 1.20 397 - 415' - pure quartz, little mineralization 563 680 690 10 .98 1.50 415 439 957 Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 566 710 720 10 415 955 Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po	360	375	95	Sheared black argi	iner cov crosscut by numerous qua	artz & calcit	e veinlets,heav	y fracturi	ing (-45°	- 1		559	640 650		11.5/	.100	1/	-					
375 415 852 Large quartz body (large vein ?) relatively impure, re curvement in the supervision of the super				mainty po a py, mi	nior cpy, crosseur sy man instrume	Fe carbonat	e inclusions, s	tringer &	patchy	-		560	6.50 660	<u>1</u>	011.91	.095							
sulphides. 375 - 397' - impure quartz. country rock inclusions, carbonate (buff) patches,blebs & 562 670 680 10 .98 .130	375	415	85	Large quartz body	(large vein () relatively impure.	, it carbonat				-	1	561	660 670	$\frac{10}{10}$	0 1.03	.120	1250	L.	81	130	-120		-
375 - 397' - impure quartz, country rock inclusions, carbonate (buil) participation 375 - 397' - impure quartz, country rock inclusions, carbonate (buil) participation 397 - 415' - pure quartz, little mineralization 415 439 95% Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 415 439 95% Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 439 445 453 95% Black argillite, disseminated & stringer po, minor py & cpy 569 700 10 .46 569 700 10 .46 569 740 10 .46 569 740 10 .46 569 740 10 .46 569 740 10 .46 569 740 10 .46 569 740 10 .46 569 740 10 .46 .80 569 740 10 .46 .80				sulphides.			(huff) pr	tches ble	ns &			562	670 680	0 10	0.98	.130	11						
stringers of po & cpy 397 - 415' - pure quartz, little mineralization 412 - 415' - brecciated, country rock inclusions, patchy po, sheared 566 690 700 10 .50 .50 .50 .56 700 710 10 .50 .50 .56 .56 700 710 10 .50 .50 .56 .56 700 710 10 .50 .50 .56 .56 .56 .700 .70 .00 .55 L.1 .77 .140 .160 .56 .56 .700 .70 .00 .35 .170 .10 .56 .600 .55 .10 .56 .56 .56 .700 .70 .00 .35 .177 .140 .160 .56 .56 .700 .70 .00 .35 .177 .160 .56 .56 .56 .700 .70 .00 .35 .177 .140 .160 .56 .56 .570 .70 .10 .33 .10 .56 .56 .570 .70 .00 .33 .10 .33 .10 .571				375 - 397' -	impure quartz, country rock inc.	lusions, carb	onale (Duily pe	CONCO POLIC		_		563	680 690	0 1	0.58	.150	₭—		L				
397 - 415' - pure quartz, fittle minimization 412 - 415' - brecciated, country rock inclusions, patchy po, sheared 415 439 95% Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 415 439 95% Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 439 445 955 Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 445 453 95% Black argillite, disseminated & stringer po, minor py & cpy 570 750 760 10 .45 571 760 770 10 .39 572 770 780 10 .39 572 770 780 10 .72					stringers of po & cpy	ion						564	690 700	0 1	0.56	.160	<u>4)</u>						
412 - 415' - brecciated, country rock inclusions, patchy po, sneared 415 439 95% Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 415 439 95% Highly fractured, black argillaceous shale, slaty cleavage, banded & stringer po, Fe carbonates 566 710 720 730 10 .35 .170 .10 .29 .160 5 L.1 77 .140 .160 439 445 955 Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 568 730 740 10 .46 .180 445 453 95% Black argillite, disseminated & stringer po, minor py & cpy 570 750 760 10 .45 .230 571 760 770 10 .39 .190 10 L.1 83 210 572 770 780 10 .72 .190 572 770 780 10 .72 .190 571 760 770 780 10 .72 .190				397 - 415 -	pure quartz, little mineralizat					- 1		565	700 710	0 1	0.50	.150	41	┝──	<u> </u>			┝──╁	
415 439 95% Highly fractured, black argillaceous shale, slaty cleavage, banded a stringer po, ic cleavage, cleavage, banded a stringer po, ic cleavage, banded a stringer po, ic cleavage, banded a stringer po, ic cleavage, cleavage, cleavage, cleavage, cleavage, cleavage, cleavage, cleavage				412 - 415' -	brecciated, country rock inclus	ions, patchy	po, sneared	po, Fe ca	rbonates			566	710 720	0 1	0 .29	.160	12.5	L_1	77	140	.160		
433' = carbonate breccia, argillite fragments, po patches 439 445 955 Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 445 453 952 Black argillite, disseminated & stringer po, minor py & Cpy 570 750 10 .45 .230 571 760 10 .45 .230 572 770 780 10 .72 .190 571 760 10 .72 .190	415	439	95	% Highly fractured,	black argillaceous shale, slaty	cleavage, ban	lueu a stringer	po, re cu				567	720 730	0 1	0.35	.170	1	ļ					
439 445 955 Fine grained chloritic=epidote volcanic & green chert, sheared, stringer po 445 453 952 Black argillite, disseminated & stringer po, minor py & cpy 570 750 760 10 .33 .210 571 760 770 10 .39 .190 10 L.1 83 210 .190 572 770 780 10 .72 .190 .19		++		433' =	carbonate breccia, argillite fr	agments, po p	atches					568	730 740	0 1	0.46	.180							
445 453 95% Black argillite, disseminated & stringer po, minor py & cpy 570 750 760 10 .45 .230 571 760 770 10 .39 .190 10 L.1 83 .210 .190 572 770 780 10 .72 .190	430	445	95	5 Fine grained chlor	oritic=epidote volcanic & green ch	ert, sheared,	stringer po					569	740 75	0 1	0 .33	.210	A)						
370 720 760 10 .39 .190 10 L.1 83 .210 .190 571 760 770 10 .39 .190 10 L.1 83 .210 .190 572 770 780 10 .72 .190	445	453	95	% Black argillite,	disseminated & stringer po, minor	ру & сру				-			750 76	1,	0 /5	230	11						_
371 700 770 100 772 100 <td></td> <td>+</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>571</td> <td>760 77</td> <td></td> <td>0 .39</td> <td>.190</td> <td>10</td> <td>L.1</td> <td>83</td> <td>210</td> <td>.190</td> <td></td> <td>_</td>		+								_		571	760 77		0 .39	.190	10	L.1	83	210	.190		_
		+								-		571	770 78		0 .72	.190	d in	T					
		++												<u> </u>			1/	1	T	<u> </u>			
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			Inclination Bearing	PROPERTY	Lengt	h				HOLE	No.	7				PAC	GE 🖡
ILL F	IOL			Location	Hor (Comp	_ /v	ert Comp		Sheet		01	F				
				Elevation	Bearin	ng				Logged	L by						
UNBRIDGI		KEL MINES LIMITED		Coordinates	N Begun		/C	mpleted		Sample	ed by						
					E Core	size	/R	covery	%	DRILLE	RS					RIG#	
FOOTAGE F	RECOV'Y	DESC	RIPTION			GRA	РНІС	SAMP	LES	ASS	AYS			COMPOS	SITES		
rom To P	Run Core	·						No. From	TO F	Cut	<u>60</u> 3	Au PPh	Ag ppr	S28 2	Znpon	<u></u>	
53 540	95%	Largely fine grained grey	to green chert, intercal.	ated metasediments (phy	llites) & minor	‡		573 780	790 1	0 .52	.180						
_		chlorite-epidote altered v	volcanics - Prominent sul	hide mineralization (50	(), po,patches,	_ -		5/4 /90	800 1	0.09	.160						Ĺ.
		stringers gobs, & fracture	fillings, chalcopyrite	ich zones				575 800	810 1	0 1.00	.150						
		465 - 467 - Targe qu	lartz-carbonate vein, pate	chy coarse grained po &	у			570 810	820 1	0 ./1	.140	ᄵ	0.3	81 _ :	150	.150	
		<u>468 - 470' - fine gra</u>	ined massive po					577 820	830 1	0 .60	-140	+					
╤┼┼		4/4 - 4/7 - massive	po with appreciable cpy					579 840	850 1	0 .52	.160	<u> </u>					
		484' - chalcopy	vrite rich zone			<u> </u>		580 850	860 1	0 56	150				+		
		489 - as above	3		······	<u> </u>		581 860	870 1	0 .66	.130	80	0 1	92	70	150	
		-516 - 518' - fine gra	ined felsic-intermediate.	dyke, dacitic?		_		592 970	000 1	0 40	1/0	f°	-0.1	-03-+-	-10 -	.130	
40 560	100	<u> </u>	ined massive polassoc cp	veolved by & cry chert	v host.			583 880	890 1	0 .47	150					<u> </u>	
40 500	- 100		hle shele south	aborted py a cpy, energy	,			584 890	900 1	0 .72	.160		{				
60 590	100	1 - 546 - 547 - apprecia	pert interbedded argilli	e moderate to strong s	ulphide mineralizati	<u></u>		585 900	910 1	0 .52	.150	1-1					
		as colloform, oobicular an	nd stringer po, and cpy (30% sulphides		-		586 910	920 1	0.42	.170	80	L.1	80	90	170	
0 0/7	Bag	inning of main machine sulph	aide zone (α 70-90% sulp	vide) bosted in dominant	ly green chloritic	- 1		587 920	930 1	0 50	190	<i>[</i>			<u> </u>	-1/9	
20 247	beg	altered volcanics, largely	fine grained massive po,	also colloform & string	er textures	+		588 930	940 1	0 .50	.200					<u> </u>	
-tt		- lightly broggisted lo				- t		589 940	947	7 .56	.190						
		pyrrhotite 90%, pyrit	te 7 - 8%, chalcopyrite	1 - 2%		− ‡:		590 947	960 1	3.47	.140						-+-
		615 - 656' - largely	fine grained massive po,	appreciable cpy (5%) so	ne magnetite with			591 960	971 1	.48	.180	5	L.1	75	25	.180	
		sulphide	es @ 656'					592 971	980	9 .37	.190	$\overline{1}$					
		667' - apprecia	able cupreous pyrite-chal	copyrite		_		593 980	990 1	0.75	.170						
		710' - guartz-F	Fe carbonate veining			-		594 990	10 6 0 1	0 .3Z	.017	5	L.1	30	20	.053	
		785 - 787' - unminera	alized chlorite=epidote a	ltered basalt				595 1000	1014 1	4 .36	.055						
		880 - 947' - sulphide	e content drops off sligh	ly, light brecciation.	nost rock is chlorit	ic_		596 1014	1020	6 .31	.160						
		basalt,	minor interbedded argilla	aceous units, po most ab	undant sulphide	<u> </u>		597 1020	1030 1	0 .17	.110						
		massive	& patchy mineralization					598 1030	1040 1	0.27	.130	140	L.1	52	15	110	
47 971	100	Massive sulphides (50-70%	sulphides), green silice	ous host rock, dominantly	po, chalcopyrite			599 1040	105d 1	0 .22	_093)					
		stringers, lightly breccia	ated					600 1050	1060 1	0 .18	.098						
71 990	100	Massive sulphide as above,	fine to medium grained p	o (80%) cpy blebs & str	ingers (1-2%),			601 1060	10/0 1	0 .18	.05/				-+		
		magnetite prominant locall	ly, green siliceous host	rock		<u> </u>		602 1070	1080 1	0 .33	.094	20	1.1	_51	10	092	\square
90 1014	95%	Fine grained chlorite-epid	lote basalt?.schistose, d	sseminated stringer sul	phides (30%), po&cp	y		603 1080	1086	6 1.22	.091				·		
		segregated by banding - mi	inor intercallated argill	ite.				(00 1100)	1100 1		.00/						
014 1086	100	Massive sulphide zone., (50-70% sulphide), massiv	e & large patches of po,	& minor chalcopyrit	<u>e –</u>		605 1100	1124 1	0 2.43	.120	60	1.1	-74	70	120	
		and magnetite, siliceous,	cherty groundmass					0001110	1124 1	+ .05	.120						
		1062 - 1075'- prominant	t calcite veinlets					609 1124	1130	6 .20	.050)	<u> </u>				_ <u>_</u>
		1080' - apprecia	able chalcopyrite					00011150	1140 1	.20	.005	15		16	20	061	+
086 1124	100	Massive sulfide as above,	relatively rich in chalce	opyrite (5-6%) occurs a	s stringers and gobs			609 1140	1148	3 32	.059	15	<u></u>	40	20 .	001	
		dominantly medium to coars	se grained po, siliceous-	cherty matrix - sheared,	siickensiided			611 1148	1160	7 54	046	-	+		-+-		
		fracture surfaces, chlorit	tic					612 1160	1170 1			35	L.1	21	30+	029	
		1088' - zone of	enriched cpy					613 1170	$\frac{11/4}{1180}$	1 .06	010	<u>r-</u>			<u></u>		_
		<u>1106 - 1109'- as above</u>	2					61/ 1100	1100 1	, , ,					-+-		
4 1		1114 - 1115'- chalcopy	yrite stringers, gobs	· · · · · · · · · · · · · · · · · · ·			1 1	615 1190	1207 1	$\frac{1}{2}$ $\frac{1}{20}$	0350	\vdash			+		
	1	1							//				-				
		1123' - chalcopy	vrite		(197) 1			(1(1000	1202 1			-+-					

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CONB	RIDO	SE NI		L MINES LIMITED				Elevatio	<u>n</u>		Bearing						H	OLE N	0.	7		PAGE	# 3		
				F				Coordin	ates	<u>N</u>	Begun	-	<u>/Co</u>	mplete	ed	•/	DRT	Died	DY					#	
5001	TACC	Dece	T			07/04	<u>i</u>			<u>_</u>	I Core SIZ	e	7	cover	<u>y</u>				Т				RIG	<i>!!</i>	
FOOT	Ta	RECO		4	DESCRI	PTION						GRAPH	110	No. 1	AMPL From I	.ES To IF		SSAYS	* A.	PPh An an	LCOMP L Soft	USITE 17nnn	ട നഗംല	1	Т
		~~~~		$1132 - 11/5^{\dagger} - from 1132$	aturad a	2008	<u></u>					- 1		617 1	210 1	220 1	0 2	9 1	0						+
<u> </u>		<u>├</u> ──┼·	-+	1142' - 1145 - 11a	lcopyrit	te enriche	ed					<b>t</b>	ŀ	618 1	220 1	230 1	0 .2	6 .1	0/	-+					+
11/0	1152		100	Hogwily minoralized (	20-40%)	ablarita	anidata	hacalt coarce	grained po min	ar cpy ( 1%)	beauily	<u></u>	ŀ	619 1	230 1	240 1	0 .1	7 .02	1 4.5	L.1	38	50	.080		1
11401			Trat	fractured locally	50-40%)	Chiorite	epidoce	Dasarc, coarse	grained po, min		HEAVILY	<u>+</u>	t	620 1	240 1	250 1	0.0	2 .0	2			1			٦
			-+	1122 11/51 - 6m			······					-	ľ	621 1	250 1	260 1	0 .1	5 .0	0		1		tt		1
			-+	1142' - chai	lcopyrit	te enríche	ed.					-	T	622 1	260 1	270 1	0 .1	4 .00	4	1	1				-
1148	1153		100 1	Massive sulphide brec	cia; ang	gular po &	s minor p	y clasts in gri	tty sulphide ma	trix, tale &	Fe	-	Ī	623 1	270 1	280 1	0 .1	7.01	3 15	L.1	28	185	.054		-
				carbonate present								-	ſ	624 1	280 1	290 1	0 .3	6	3						
1153	1202		98%	Sheared, mineralized	fine gra	ained chlo	oritic vo	lcanic, po band	s, stringers &	disseminatio	on, cpy	-		625 1	290 1	300 1	0.3	1.0	0						]
				rich zones, quartz-ca	rbonate	veinlets						-													
				1163' - cha	lcopyrit	te stringe	ers					-													
				1185' - cha	lcopyri	te, pyrite	e gobs as	ssoc. with buff	carbonate			-													
					lcopyri	te gobs						=	L					_							
$ \longrightarrow $		$\vdash$	_	1202' - car	bonate v	veining (a	ankerite)	)				=	Ļ				_		_			<u> </u>	┠		_
1202	1230		98Z	Sulphide zone ( 50-6	0%), ho:	sted in li	imey argi	illite.dominant1	<u>y medium-coarse</u>	grained po		=	Ļ						_		<b>_</b>		┝──┤		_
<b></b>		$\vdash$		py and cpy,calcareous	matrix	, ankerite	e and qua	artz patches			1-1-1-1	F	1				-+	+	-+			┢───	$ \downarrow \downarrow$		_
1230	1300		98%	Patchy & massive py &	po hos	ted in lig	ght to da	ark grey limey a	rgillite, mottl	ed look to	sulphides		-  -						_				┝──╁		4
$\vdash$		$ \rightarrow $		<u>carbonate crosscuttin</u>	g veins	& veinlet	ts.				_ <del></del> _		-				_		_	-	I	<u> </u>			4
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		$\vdash$	_+	ARGILLITE HANGING WA				······				-									+	+	╞───┼·		┦
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					1	Inclination		PROPERTY			Length	234.	7m (7	70ft)		HO	FN	0 8-8	31				ACEA	
RIL		HO	)LF	RFCORD	Galler	-619	553 41'V	Location	Section D-D'		Hor: Cor		1	ert Comp		She	Pet	<u> </u>	of			<i>Fi</i>	402 4	
		•••			251 64	(10		Elevation	53.00-		Bearing	S 53°	41' W				and h	~	D					
LCON	BRIDO	BE N	1ICKI	EL MINES LIMITED	-500 ft	<u>- 61°</u>		Coordinates	10 376 33	N	Beaun	0/22/	01 /	moleted	0/20/0	Sar	noled	by		1 ноу				
					500 11		1		10,020.01	Ē	Core siz	BO-41	$\frac{0}{0}$ , /R	PCOVPrV	+95 %	DRI	TLERS	LY (I	T.Y #3	38)		RIC	1/ 1	
1 500	TACE	Dece	N/UT		05000	27/24					1 6017 314	NQ to	bott			T		<u> </u>					<u></u>	
1 -00	TAGE	REUL			DESCRI	PITON						GRAN	PHIC	No From	PLES	Ft C	ASSAYS	a	A i A		OSITE	5	1724	
rrom	10	Run	Core	WATELL NO BODO DET	TED DOUD		07. ( /01. /77					t	1	29624 SEL	ECTIVE	<u> </u>	us ju	1 101	10 Mg #	<u>a 33</u>	Iznpo	1 08	1211/2	÷
	<u> </u>	$ \rightarrow$		NOTE**: NQ RODS DRIL	LED DOWN	TO A DEPTH	OF 440', AFT	ER WHICH BQ RO	DS WERE UTILIZED	WITH	THE NQ	F		20020 AS	SAY		.21 .0	65	-		+		L.01	L.01
				RODS ACTING	AS CASING	<u>]</u>						F		627 160	169	- 9	.16 .0		+			┣───	L.01	L.01
<u></u>	127		0.00	Glacier hole, interb	edded har	d packed s	now and ice			<u>-</u> -		F		028 109	100		.17.0		-+	1.2	20	1 00/	10.01	L.01
127	160		95%	Strongly oxidized vo	blcanic? b	preccia, cl	asts dominant	ly subangular	to angular, fine	grain	ed glassy			629 180	190	10	.31 .0	34 (10	L.1	12	30	1.024	L.01	L.01
	ļ	<b> </b>	+	matrix, clasts becom	<u>ne larger</u>	towards bo	ttom of inter	val, extremely	<u>y porous in place</u>	3 <b>.</b>		-		630 190	203	13	• <b>94</b> p • c	<u>'</u>	-			┢───	10.01	L.01
		$ \rightarrow $		<u>137 - 157' - g</u>	gossan, ex	treme oxid	ation, clay m	inerals evider	1t			-		631 203	210	_7	.47 .0	92			1 10	+	L.01	L.01
160	169		95%	<u>Fine to medium grain</u>	ned, chlor	ite-epidot	e altered vol	canic, moderat	e fracturing,min	or dis	seminated	L	1	632 210	217	7	.73 .1	20 20	L.1	00	18	.100	L.01	L.01
				py, trace cpy.								-		633 217	220	3	.4/ .0	48				<u> </u>	L.01	. L.01
169	203		100	As above, chloritize	ed fine gr	cained volc	anic, stringe	r and banded (	py&po at regular	inter	vals			634 220	230	10	.84 .0	43					L.01	L.01
				<u>(perhaps interstitia</u>	al sulphic	<u>les between</u>	pillow lavas	) disseminated	l po			.		635 230	240	10 1	.00 .0	40 15	6	47	20	.051	L.01	L.01
				177' - t	panded po	& cpy (3"	wide) @ 45° a	ssociated with	n quartz veining			2		636 240	250	10 2	.63 .0	57			1		L.01	L.01
				182 - 183' - 6	enriched z	zone in cpy						-		637 250	260	10 1	.66 .0	56			1		L.01	L.01
				198' - F	oo banding	3						-		638 260	270	10 1	.25 .0	4 <b>0</b>				,	L.01	L.01
				199 - 200' - f	ine grain	ned massive	po band					••		639 270	280	10	.97 .0	29	.2		65		L.01	L.01
203	217		85%	Zone of appreciable	sulphides	s. ( 50% su	lphides) host	ed in interbe	ided green chlori	tic che	rt.	-		640 280	287	7	.70 .0	48	Т		T		L.01	L.01
				chlorite altered bas	salts & mi	nor argill	ites,minor sl	umping of sul	phides in metase	diment	s			641 287	290	3 1	.69 .0	61	T				L.01	T. 01
			+	(evenetic sulphides)	- sulphi	idee domina	ntly fine ora	ined no associ	ated ony as mass	ive zo	nes			642 290	300	10 2	.97 .0	62					L.01	L.01
				colloform po seen lo	cally, lo	ocally shea	red. chloriti	.C	Carcar opp and man					643 300	310	10	.63 .0	55/15	.8	42	30	.076	T 01	T OI
				209' - 0	olloform	banding of	po and gangu	e					1	644 310	320	10	.43 .1	50					T. 01	
	<u> </u>	- 1	+	217! - +	ighly chi	loritic zono	fractured					-		645 320	330	10	.37 .0	70	+		†	┢──┥	L.01	L.01
217	287	+	987	Crev to dark green (	tigniy chi chert cor	taine sien	ificant massi	ve natchv&sti	inger po, apprec	iable	cpv(2-4%)			646 330	340	10	40 1	60/65	L.1	54	25	13		
		┝──┦		oncy to talk green t			(11) (58 .	re, pacenjube	inger po, appres		<u></u>	=		647 340	350	10	.48 .1	80					1.01	L.01
<u> </u>	<u> </u>			<u>224' - t</u>	band of ch	<u>nalcopyrite</u>	$(1^{-})$ 45 ⁻ to	core				<u> </u>		((0) 050					+	+	<u> </u>	┢───┩	1.01	
$\vdash$					narcopyri	ice banding	6 33-40							6/0 257	135/	-4-2	22 1	200	+	+		┢╼╾┥	L.01	
			-+	242 - 244' - 0	onsiderat	<u>ole_cpy_in_</u>	massive po &	py				-		650 360	370	1011	15 1	201	+	<u>+</u>	+	<b>⊢</b>	1.01	
<b></b>				<u>250 - 255' - π</u>	nassive f.	.g. po, ,mi	nor cpy					-		(51 270	200	1012	07 0	201225		66	125	061	L.01	1.01
				239 - al	preclabite	goody cpy								652 280	380	10	.8/ .0	101	+ . 4	100	125	.004	L.01	L.01
		┝──┤		<u>261 - 262' - 0</u>	Lu rich, c	cupreous py	, colloform b	anding				-		002 000	1.390			<u> </u>	+	+		┍──┥	<u>01</u>	L.01
		┝┈┤		2//' - 1	racture 2	zone						=		653 390	400	10	.92 .0	24	+	+		┢───┥	L.01	<u>_r_ol</u>
<b> </b>	ļ			283'l	oanded cha	alcopyrite						-		655 400	410	1011	.16 .0	13 <b>1)</b>		<u> </u>		<b>-</b>	L.01	L.01
287	320		100	Extremely fine grain	ned grey t	to black vo	lcanic, moder	ate to heavy	(30-50% sulphides	) band	ed,	-		000 410	+20	1011		<u>⁺′∦</u>	+	1.	L		L.01	1.01
L	Į			stringer & patchy po	o, cpy, ri	ich zones.	carbonate_str	ingers				-		656 420	430	10	.38 .0	31/210	1.5	46	45	.027	L.01	L.01
				289 - 295' - 0	halcopyri	ite rich zo	ne					-		65/430	441	11	.38 .0	29	ļ				L.01	L.01
				307 - 357' - s	sheared, c	chloritic,	carbonate vei	ns, po stringe	ers			-		658 447	450	_3 2	.26 .0	9 <u>2</u> ) ~	1				L.01	L.01
320	357		100	Banded sulfides, alm	nost massi	ive (60-70%	) sulphides.	dominantly po	minor cpy, band	ing at	30° -	-		659 450	460	10 3	.64 .0	98					.03	L.01
				carbonate veining, b	pasic volu	canic host,	minor cherty	horizons		-	-			660 460	470	10 1	.61 .10	20 <b>7</b> 30	.5	37	110	.10	L.01	L.01
357	442		100	Patchy banded pyrrho	otite host	ed in gree	n chert & chl	oritic basalts	; carbonate veini	ng, co	pper _	- [		661 470	480	10 1	.38 .1	20					L.01	L.01
				rich sections								.		662 480	490	1011	.50 1	30/					1.01	T 01
				368 - 370' - f	fracture f	illing min	eralization a	ssociated with	n carbonate & qua	rtz ve	ining -	-		663 490	500	10	.74 .1	50					END	END
			-+	394 - 395' - 6	halconvri	te stringe	rs				-	.		664 500	510	10	.75 .14	40				-		
<b>—</b>			+	413 - 422' - m	assive su	ilphide. fi	ne grained po	with occasion	nal gobs of cpv		-	-	1	665 510	520	10	.59 .1	30 175	.3	83	160	.13		
				<u> </u>	bowt f -1	,,	leaning star	mad atmin				.		666 520	530	10	.70 .1	30						
447	447		07	$\frac{944 - 494}{1000000000000000000000000000000000000$	- <u>1121 0 C</u>	11011010 10	icanics, snea	ieu, stringer	<u></u>					667 530	540	10 1	69 1	30	1			-+		
447	598		98%	Massive sulphide zor	ne (approx	70% suln	hide) grained	pyrrhottite.	streaks & blebs o	Ecupr	eous -	.	ŀ	668 540	550	10 1	.65 .1	30	1	†			+	+
		┝─┦			numbet	to 90-00%		agnumita 10	0.9			-		669 550	560	10 2	.13 .1	50	1			-+	+	+
-	<u> </u>	┝─┤		pyrite-cnalcopyrite.	pyrrnoti	ite ou-90%,	pyrite & chai	copyrice_10-	.0%			-	ŀ		++			-++	†			-+	$\rightarrow$	+
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CUT IN NEXT PACE

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			_		1	Inclinatio	n Bearing	PROPER	TY		Length						HOL	E NO.		8-8	1		PA	GE 🖊	2
DRI	_L ł	HOL	_E	RECORD	Collar.			Location			Hor Co	mp	/Ve	ert Co	mp		Shee	t	0	f					
FALCO			CKEI	MINES I MITED				Elevation			Bearing						Logg	d by							
I ALCOI			UNEL	- MINES LIMITED		<u></u>		Coordina	tes	<u> </u>	Begun		<u>/Co</u>	mplet	ed		Samp	led by	l						
****						<b></b>		-		E	<u>Core sia</u>	[e	<u>/Re</u>	cover	<u>у</u>	%	DRILL	ERS	· · · · · ·				RIG	ŧ	
FC	OTAGE	RECOV	/'Y		DESCR	PTION						GRAP	рніс		SAMPL	ES ,	AS	SAYS		1.4	COMPC	SITE	5		
Fre	m To	Run Co	<u>74</u>									┼╌╌┮╴	<del>-  </del>	NO.	From		· Cui	5 1008	Au Pro	Ag ppr	528	Znpor	1 CO8		+
44	/ 5980	ont	_ <del>_</del> _	light to moderate	fracturi	ng, chlori	tic altered ba	<u>asaltic host</u>	<u> </u>			£		671	570	570 1 580 1	0 .6	<u>5 .160</u>	$\frac{1}{20}$	3	87	122	1/		+
		-+		<u>447 - 457' - c</u>	halcopyr	ite streak	<u>s, coarse grai</u>	ned po				£	1	(70	5/0			0 1/0	1/20	<u>-</u>	07	122	-14		
			-+-	<u>464 - 465' - u</u>	halcopyr	ized chlor	itic basalt, q	luartz, re d	carbonate			Εl	1 1	673	5801	590   1 598	8 3	8 130				L			
				507 5001	, ,				····			-		674	598	509 1	1 .2	6 .110	К	<u> </u>					-+
59	3. 609	9	8% Ba	<u> </u>	de zone	(50-70% su	<u>minor magnetit</u> lphide) domina	te ntlv pvrrho	otite, associate	d minor ch	lcopyrit			675	609	512	3 3	6 040	17						-+
			0/8 13	inded, #15p) 5dipir		100 70% 50	iphilue) domina				1009)111			676	612	520	8 .2	3 .130	50	.2	84	45	.077		-+
60	9 612	1	00 Ca	rhonate-quartz vei	n rich z	one trend	ing 0° to core	gangue cutting (	hloritic basalt	as above		-	1	677	620	530 1	0 3	5 081	T.						-+
	/ 012			611' - c	halcopyr	ite gobs	116 0 10 1010	,				-		678	630	541 1	1 .2	2 .040	1						
61	2 641	1	00 Ba	unded wisny no & cn	v (@ 135	o°) in chlo	ritic-epidote	rich basalt	ts. flow-like te	exture to s	lphides	-		679	641	551 1	0 .3	7.071	λ						-
	- 0-1		an	nd host	<u>y (e 199</u>	<i>, , </i>	title opidote	TICH BUJUIT				-		680	651	661 1	0 .5	2 .083	1						-
			-+-	624 - 627' - c	opper ri	ch. chalco	pyrite-cupreou	is pyrite				-	[	681	661	57/ 1	0 .5	1.059	<b>≻</b> 10	.2	48	70	.060		1
64	1 677	1	00 Da	rk green chloritic	chert,	containing	moderate to h	neavy po & c	py (50-70% comb	ined sulph	ides)	-	1 [	682	671	577	6 .2	5 .035	V						-
			va	riable textures, b	anding n	atches, an	d disseminativ	765				-		683	677	687 1	0.7	8.017	<b>N</b>						
67	7 695		Ch	lorite-epidote ric	h basalt	. containi	ng stringer su	lphides, cl	nalcopyrite rich	sections,	ро	El		684	687	595	8.4	8 019	<b>&gt;</b> 30	1.2	47	1770	038		T
			st	ringers @ 120-140°		<u> </u>						ΕI		685	695	705 1	0 .5	2 .075	11						$\Box$
				682 - 683' - f	ine grai	ned massiv	e po, apprecia	able cpy				Εİ		686	705	13	8 .3	9.050	2						
				687' - c	py rich	zone								687	713	720	7 .1	0.019							
				692' - a	is above							<u>는</u>  .		688	720	30 1	0 .2	2 .012	$\gamma L5$	.1	30	60	.013		
69	5 713	8	5% Py	rrhotite minor pyr	ite and	chalcopyri	te ( 30% combi	ined sulphic	les) hosted in s	silicified	volcanic	-	- L	689	730	40 1	0 .0	51.006	<u>            </u>						
			qu	artz, weak sphaler	ite and/	or ankerit	e?					-		690	740	747	$\frac{7 2.1}{2}$	0 .015	K						
				705 - 707 <b>' -</b> h	eavily f	ractured b	lack fine grai	ined volcan:	ic stringer sulf	ides @ 45°		-		691	141	/50	3 .0	21.006	12						$\rightarrow$
71	3 747	9	5% Da	urk green, fine gra	ined vol	canic, chl	oritic, interb	bedded grey	chert horizons,	dissemina	ted &	-		692	750	60 1	0.1	6 .010	<b>L</b> 5	.01	16	60	008		_
			st	ringer po with min	or assoc	iated cpy	& py, locally	very heavil	ly fractured.			-		693	760	70 1	<u>, 1</u>	8 .009	¥						<u> </u>
	_				hert hor	izon, heav	y po mineraliz	zation, some	е сру	. <u> </u>		-													-+
74	7 770	9	8% Fi	ine to medium grain	ned basic	e volcanics	, disseminated	d sulfides	1-5%po light fra	acturing		-	1 F									+			$\rightarrow$
					small_qua	artz vein,	minor cpy	<b>.</b>				-	-			-+-		+							-+
	_											-					+	+			-				$\rightarrow$
										·······		- 1						+				+			-+
		- + -	-+-									£						+				+			$\rightarrow$
				ICE HOLE, APPEARS	TO HAVE I	PENETRATED	MOST BUT NOT	ALL OF THE	S2 ZONE, HOLE W	AS MEANT TO	<u>BE</u>	£	1 1								+				$\rightarrow$
	_		_	200m NORTH BUT CREV	VASSES W	ORRIED DRI	LLERS	<u> </u>			<u> </u>	<u> </u>	1 1	+			+	+				-+	-+		-+
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						Inclination	Bearina	PROPERTY	WINDY-CRAGGY		Length	(-1981)/	74.9nj	in (574	ft)	HOLE	No.	9-81			PA	GE 🖊 1	
DRI		H(	)LE	RECORD	Coller	-58° 45'	N 48° 24'E	Location	Section G-G'		Hor Co	mp [.] /	Vert C	omp.		Sheet		of					
			NUOKE		492 ft	-58°	1	Elevation	1812.00m		Bearing	N 48° 24'	E			Logge	d by	Don H	oy				
FALCO	NBRI	DGE	NICKE	L MINES LIMITED	542 ft	-58°		Coordinates	10,466.70	N	Begun	8/26/81/	Comple	eted **	***	Sampl	ed by	<u> </u>					
•••		<u> </u>							9,656.01	E	Core siz	e BQ, NQ /	Recov	ery ±8	0 %	DRILL	ERS LY	38			RIG	2	
F			OV'Y		DESCR	IPTION						GRAPHIC	No	SAMP	LES	ASS Cut	AYS		00 2 L	MPOSITE	S m.Co¥l	1	
<u> </u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		00/0	NOTE: NO roda dai	1104 50		441 PO 5	77!	ada satina so	anning U				1		- 10							-
				be complete	d in 198	<u>a depin or .</u> 2.	140, by LO 3	5// WIEN NO F	ods acting as	casing. n												·	-
	0 2	7	20%	Poor core recovery	, mud, sn	nall pebbles						£		$\square$			ļ	<b> </b>					
2	7 9	5	60%	Highly fractured g	rev to b	lack limesto	ne & interbe	dded calcareo	us argillite.	carbonate	veinlets			++			<u> </u>	+ +					
9	5.120	.5	80%	Medium grained gre	y andesi	te, locally s	heared and f	ractured, calc	areous, lightl	y oxidize	d,	-	<u> </u>							· ·	<u>t</u> †		-
				minor Fe carbon	ate veini	lets, and di	sseminated s	ulphide.				3											
120	). <u>5</u> 17	74	50%	Black massive & la	minated	calcareous	shale & limes	stone, bedding	at 150°, sphe	roidal py	rite,	-	<u> </u>					+			$\vdash$		
			100	carbonate veinl	ets @ 25	<u>-30°</u>				•	•.	-		+		-+	+	+			╂──┼		
	4 21	·/	60%	stringers.	ty volca	nic, carbon.	ite veinlets,	, interbedded	argillaceous u	inits, pyr	116	-	-	+				<b>†</b> †		_	┟──┤		4
21	7 23	37	50%	Oxidized, sheared	volcanic	, interbedd	ed argillaced	ous horizons,	fault zone			-											
2	37 25	58	95%	Interbedded green	chert an	d fine grain	ned chlorite	rich volcanic	s, 10% sulphic	les (po)		Ξ								_			-
				related to frac	ture fil	lings.						-				_				_			
2.	8 27	76	90%	Medium grained gre	y andesi	te, amygdal	oidal, calcan	reous									$\bot$			_	L		
2	6 37	73	100	Relatively unalter	ed fine	grained bas	ic volcanics,	, cherty in pl	aces, minor po	stringer	s & py	F		┢┈┥			<u> </u>	┠			$\vdash$		_
-	2 5	<del>,</del>	0.0%	related to frac	tures,ca	rbonate vei	ning general	ly parallel to	core, locally	amygdalo	idal	E II								<u> </u>	+		
	10 10	14	90%	Refactively dilatter	ed Line		lete inlat	volcanic, ento	disconfected (	zons loca	<u>11y</u>	<u>+</u>				-	+				╞──┼		+
	+		++	associated with	carbona	tes.	ILEUS, ISUIAU	en stringer a	disseminated.3	arpinues.		-					1				tt		1
				466 - 469' -	sheared,	fractured	alteration zo	one, chlorite	rich volcanic,	shearing	@ 70°	=											1
					cataclas	tic pyrite						-		4							-		Ţ
				493 - 528' -	Quartz-c	arbonate ve	ining, 2-3" v	width				-		╂╂			+	┠╍╌┾					4
			+	528 - 546' -	zone of	prominent qu	artz & carbo	onate veining,	primary direct	<u>ion @ 90°</u>	•	-		++				$\vdash$			╞──┼		+
$\vdash$	+		+		secondar	y veniers (	е 40 ,щ1001 г	issociated po	а сру			-		+ +						-	<b>├</b> ──┼	<u> </u>	+
				BQ EQUIPMENT LOST	DOWN HOLI	E. THEN RE-	DRILLED WITH	I NQ TO RECOVE	R HOLE AND EQU	IPMENT.		=											t
				SUBSEQUENT BQ DRIL	LING CEA	SED FINALLY	DUE LACK OF	WATER. SULPH	IDE ZONE NOT R	EACHED.	DRILL	-	<u> </u>				<b> </b>				-+		4
-			╉╍╁	STILL SET UP ON HO	LE FOR 1	982 COMPLETI	ON.				·	E		+	-+-		┼	┠──┼			┝──┟		+
			╉─╂	DECOURDY + + + + + Not	acmplate	d Drillin	a suspended	September 20	1981			±		+									+
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RILL HOLE RECORD         Tate         State					Τ	Inclination	Bearina	PROPERTY WINDY - CRA	GGY	Length	399 <b>.59</b> m	.(1311 f	t)	]	HOLE	No.	10-	-81			PA	GE 🖊	 i
COMBRIDGE NICKEL MINES LIMITED         If $T_{1}^{-} + 1^{-}$ Encodent         Provide         Source of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	RIL	╘╴┝	IOLI	E RECORD	Cottor	-63° 07'	S 52° <b>23'∀</b>	Location Section C-C' 400	n North	Hor Co	пр [.] /	Vert Co	חס		Sheet		0	f					
UCCOMBINGE         UNCKLE MIKES LIMIED         Dist 11/2/31         Comments 2/30/18         Sample by 200 k/2           POTAGE RECOV         DESCRIPTION         ECO	••••				516 ft	-63	t	Elevation 1612.00m		Bearing	\$ 52° <b>Z</b>	z'√			Loage	d bv	D	on Ho	, ,				
Part of term         Dight solution         Construction         Construction         Construction         SAMPLES         Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Lab	LCONE	BRIDG	E NICK	EL MINES LIMITED	780 ft	-62°	+	Coordinates 10 415 71	N	Begun	11/9/81 /	Complete	ed 9/2	20/81	Sampl	ed by	D	on Ho	y.				
PODTAGE RECOV         DESCRIPTION         CALAPTIC         Statustic         COMPACT IS           0         10         22         Same 1 is					1228 ft	-61	+	10,133,50	Ë	Core siz	e NQ + BQ /	Recover	<b>y</b> 9	0_%	DRILL	ERS	LY (E	LY #	38)		RIG	1	
Test R.         Description         District Control         District Contro         Distrit Control <t< td=""><td>500</td><td>TAGE</td><td>PECOV'Y</td><td></td><td>DESCRI</td><th>PTION</th><td>"I</td><td>1</td><td></td><td></td><td>CRAPHIC</td><td></td><td></td><td>FS</td><td>150</td><td>SAVS</td><td>1</td><td></td><td>COMPC</td><td>STTE</td><td>3</td><td></td><td></td></t<>	500	TAGE	PECOV'Y		DESCRI	PTION	"I	1			CRAPHIC			FS	150	SAVS	1		COMPC	STTE	3		
0       10       00       100       00       100       00       100       00       100       00       100       00       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100	From	To	Rua Cora		DESCRI						0; 4FAIC	No.	From   1	6 10	Cu8	1008	Au PPS	A nor	5-8	Znpa	n Co%l		
List [10]0.010.01List resided combiner between in close poor core recovery100.010.010.010.010.010.01100.010.010.010.010.010.010.01100.010.010.010.010.010.010.010.011101000.010.010.010.010.010.010.010.011111111110.010.010.010.010.010.010.010.011111111110.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.01 <td>0</td> <td>116</td> <td>0%</td> <td>Snow &amp; ice</td> <td></td> <th></th> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td>FTT</td> <td>28694</td> <td>116</td> <td>126 1</td> <td>0 .17</td> <td>005</td> <td>J</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	0	116	0%	Snow & ice				· · · · · · · · · · · · · · · · · · ·			FTT	28694	116	126 1	0 .17	005	J						
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111       141       201       0.001000000000000000000000000000000000	110	120		A vugey in nature	reddish-	brown to ch	ocolate brow	n in colour. poor core reco	very	01003	ŧ	96	136	150 1	4 .09	L005		<b></b>					
111       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       101       1	1.50				,		1	naluda premieant ivery cold	wrod mato	rial	±	97	150	160 1	0.06	1.005	L 5	1.0	7	10	.005	-+	
103 153 Lines much smiller than in resulted of instruct.         -           1         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>150</td> <td>164</td> <td></td> <td>Oxidized conglomer</td> <td>rate-brecc</td> <th><u>la, subangu</u></th> <td>lar clasts 1</td> <td>nclude prominent ivory cold</td> <td>Jureu mare</td> <td></td> <td>-    </td> <td>99</td> <td>160</td> <td>166 6</td> <td>12</td> <td>L005</td> <td>1</td> <td>F</td> <td></td> <td></td> <td></td> <td></td> <td><u></u></td>	150	164		Oxidized conglomer	rate-brecc	<u>la, subangu</u>	lar clasts 1	nclude prominent ivory cold	Jureu mare		-	99	160	166 6	12	L005	1	F					<u></u>
11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <th< td=""><td></td><td></td><td></td><td>153 - 156' -</td><td>clasts mu</td><th>ich smaller</th><td>than in rema</td><td>inder of interval, subangul</td><td>ar</td><td><u> </u></td><td>-   </td><td>- 99</td><td>166</td><td>176 1</td><td>0 .45</td><td>007</td><td>4</td><td>1</td><td></td><td></td><td></td><td></td><td></td></th<>				153 - 156' -	clasts mu	ich smaller	than in rema	inder of interval, subangul	ar	<u> </u>	-	- 99	166	176 1	0 .45	007	4	1					
131 - 132' - 1000' contact and material. hg/by altered $a131 - 132' - 100' contact action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action action actio$						holidad in a	widigod fino	arainod matrix			-	700	176	196 1		.008	1	t					
164       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16       2013/16		++		151 - 152' -	ivory col	oured vein	material, hi	ghly altered			-		186	196 1	0 .65	.008	155	0.1	2	48	.007		
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102       755       - 255       - 257       - 267       - 267         101       Black thanly bedded, calcarceous argillite, extremely fine grained, bedding 0 0-20°.       - 116       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216       - 216		<b>{·····</b> ∤		232.3	scringer p		20 83300. #				<b>t</b>	10	754	764 10	1.04	.005	L 5	0.2	4	20	.005		
302       7.95       (10)       Bits eminated Spatchy pour point       Certer with a provide strained with bedding         302       -15'       - stringer po & py B 30-45'', calcie veinlets       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	1200	205		255 - 295' -	stringer	& banded po	& minor cpy	trending @ 020 to 035	0-20°		£		761										
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	302	/95	100	discominated &	ed, calcar	reous argili	<u>1te, extreme</u>	ity time grained, bedding e	0-20,				774	78/ 10		005	f				+		
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386 - 398 - pyrite cubes       1382 - 398 - pyrite cubes         387 - 389' - pyrite cubes       1         387 - 389' - framboidal py 6 py cubes a ligned with bedding       1         443 - 445' - small slivers of po       1         724 - 726' - large relatively pure quartz vein, sediment bedding @ 155'       1         785 - 782' - small intervals of banded 6 stringer po trending @ 155'-150', also finely       1         785 - 782' - small intervals of banded 6 stringer po trending @ 135'-150', also finely       1         785 - 782' - small intervals of banded 6 stringer po trending @ 135'-150', also finely       1         785 - 803 Dark green to black metavolcanic, intervedded rayillaceous horizons, locally sheared, 5-10% sulfides       2         806 - 800' - heavily po, siner cpy, extremely chloritic, po banding @ 135''       2         807 - 804' - small miser po trended coloritic exploted time grained volcanic metavolcanic       2         875 922 053 Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic metavolcanic       2         922 054 100 - 028 - 920' - banded & stringer po 4 135'       2         922 056 100 - 100 - 12 - 025 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 032 - 03				302 - 315' -	stringer	po & py @ 3	0-45°, calci	te veinlets			-	14	795 8	305 10	1.19	1.011							
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443 - 445' - small slivers of po				411 - 416'	abundant p	pyrite cubes	, sediment b	edding @ 010°			-	18	825 8	8/5 10	1 - 05	1.005							$\rightarrow$
724 - 726 ' - large relatively pure quartz vein, seatment bedding @ 135 ' - 150°, also finely         756 - 782 ' - small intervals of banded & stringer po trending @ 135° - 150°, also finely         1       781 - 782 ' - Chloritic chert horizon, CO' veining & stringer po # 135°         795 875       800 - 804' - patchy po, minor cpy, extremely chloritic         1       826 - 870' - heavily sheared & fractured, chloritic, po banding @ 135°         2       853 - 855' - po rich zone, appreciable cpy         8659 - 870' - small massive po zone, appreciable cpy         875 922       953 Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic         918 - 919' - cpy banding @ 30-50°         922 1026 100       Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded         994' - chalcopyrite banding in massive po         996' - appreciable cpy assoc. with quartz 4 po         996' - appreciable cpy assoc. with quartz 4 po		<b></b>		443 - 445' -	small sli	ivers of po		1. 1. 11			-	10		145 110	·  ···/	.005	<u> </u>						-+
756 - 782' - small intervals of banded & stringer po trending @ 135°-150°, also finely       781 - 782' - chloritic chert horizon, C0' veining & stringer po @ 135°         795       875       802       Dark green to black metavolcanic, interbedded argillaceous horizons, locally sheared, 5-10% sulfider         869       860 - 870' - heavily sheared & fractured, chloritic, po banding @ 135°       -         869       855       865       10       .28       .025       5       0.3       25           869       869       - 680' - patch po, minor cpy, extremely chloritic       -				724 - 726' -	large rel	latively pur	e quartz vei	in, sediment bedding @ 155		~~	-	19	845 8		1.49	015	<b>&gt;</b>	0.2	17	32	.016		
1       disseminated po       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       0.0       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1				756 - 782' -	_small_int	tervals of t	anded & stri	inger po trending @ 135°-150	<u>)°,also fi</u>	nely	-	20	855 8	305 10	07	.018							-+
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795802Dark green to black metavolcanic, interbedded argillaceous horizons, locally sheared, 5-10% sulfides800 - 804' - patchy po, minor cpy, extremely chloritic-826 - 870' - heavily sheared & fractured, chloritic, po banding @ 135°-8353 - 855' - po rich zone, appreciable cpy, patchy mineralization-869 - 870' - small massive po zone, appreciable cpy-875 92295% Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic987 92295% Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic9891' - beginning of ore zone, 30-50% sulphide banded & stringer po, with appreciable921 918 - 919' - cpy banding @ 30-50%922 1026100100Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded922 1026100100Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded998' - appreciable cpy assoc. with quart & po998' - chalcopyrite banding in massive po998' - appreciable cpy assoc. with quart & po998' - appreciable cpy assoc. with quart & po998' - appreciable cpy assoc. with quart & po998' - appreciable cpy assoc. with quart & po998' - appreciable cpy assoc. with quart & po9993' - appreciable cpy assoc. with quart & po </td <td></td> <td></td> <td></td> <td>781 - 782' -</td> <td>Chloritic</td> <th><u>c_chert_hor</u>i</th> <td>zon, CO³ vei</td> <td>ining &amp; stringer po @ 135°</td> <td></td> <td></td> <td>=   </td> <td>22</td> <td>8/5 8</td> <td>385 10</td> <td>1.13</td> <td>1.026</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td>				781 - 782' -	Chloritic	<u>c_chert_hor</u> i	zon, CO ³ vei	ining & stringer po @ 135°			=	22	8/5 8	385 10	1.13	1.026							+
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826 - 870' - heavily sheared & fractured, chloritic, po banding @ 135° $22 905 91 10 .28 .025 3 0.3 25 15 .032$ $853 - 855' - po rich zone, appreciable cyp, patchy mineralization22 905 91 10 .28 .025 3 0.3 25 15 .032869 - 870' - small massive po zone, appreciable cyp27 922 930 8 .29 .090875 922 95% Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic102 sulphide as stringer, gobby & disseminated po897' - beginning of ore zone, 30-50% sulphide banded & stringer po, with appreciable918 - 919' - cyp banding @ 30-50°918 - 919' - cyp banding @ 45°922 1026 100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded920 - 922' - banded & stringer po & cyp @ 135°922 1026 100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded33 1000 101 10 .21 .091994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po998' - appreciable cyp assoc. with quartz & po1015 -1025' - cop stringers assoc. with quartz & po1015 -1025' - cop stringers assoc. with quartz & po$				800 - 804' -	patchy pc	o, minor cpy	, extremely	chloritic			-	24	895 9	905 10	.28	.021	K			<del>, ,  </del>			-+
853 - 855' - po rich zone, appreciable cpy, patchy mineralization- $869 - 870' - small massive po zone, appreciable cpy-869 - 870' - small massive po zone, appreciable cpy-875 92295%Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic10% sulphide as stringer, gobby & disseminated po10% sulphide as stringer of ore zone, 30 - 50% sulphide banded & stringer po, with appreciable95%918 - 919' - cpy banding @ 30 - 50°920 - 922' - banded & stringer po & cpy @ 135°922 - 922' - banded & stringer po & cpy @ 135°922 - 922' - banded & stringer po & cpy @ 135°922 - 922' - banded & stringer po & cpy @ 135°922 - 922' - banded & stringer po & cpy @ 135°922 - 922' - banded & stringer po & cpy @ 135°922 - 924' - banded & stringer po & cpy @ 135°922 - 924' - banded & stringer po & cpy @ 135°922 - 994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po998' - appreciable cpy assoc. with quartz & po998' - appreciable cpy assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po99105 - 1025' - cov stringers assoc. with quartz & po9105 - 1025' - cov stringers assoc. with quartz & po9105 - 1025' - cov st$				826 - 870' -	heavily s	sheared & fr	actured, chl	oritic, po banding @ 135°			=	25	905 9	15 10	1.28	.025	<b>F</b> - 1	0.3	-25	15	.032		-+-
869 - 870' - small massive po zone, appreciable cpy- $875 922$ 95%Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic- $10%$ sulphide as stringer, gobby & disseminated po- $897' - beginning of ore zone, 30-50% sulphide banded & stringer po, with appreciable997' - beginning @ 30-50°918 - 919' - cpy banding @ 30-50°922 1026100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded922 1026922 1026994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po994' - chalcopyrite banding in massive po998' - appreciable cpy assoc. with quartz & po1015-1025' - cov stringers assoc. with po @ 30°$				853 - 855' -	po rich z	zone, apprec	iable cpy, p	oatchy mineralization			=	26	915	922 7		1.060	¥				-+		
875       922       95%       Interbedded chlorite-epidote fine grained volcanic and black fine grained volcanic-metavolcanic-         10%       sulphide as stringer, gobby & disseminated po       29       940       950       960       10       .22       .110       29       940       90       10       .22       .110       20       .11       20       20       940       950       960       10       .22       .100       920       .270       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27       .27<				869 - 870' -	small mas	<u>ssive po zon</u>	e, appreciab	ole cpy			-	27	922 9	330 8	.29	.090					-+		<u> </u>
10% sulphide as stringer, gobby & disseminated po       -         897'       - beginning of ore zone, 30-50% sulphide banded & stringer po, with appreciable         cpy banding @ 30-50°       -         918 - 919'       - cpy banding @ 45°         920 - 922'       - banded & stringer po & cpy @ 135°         922 1026       100         Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded         green cherty volcanics dominantly patchy & gobby po, minor to appreciable cpy & py prominant         994'       - chalcopyrite banding in massive po         994'       - chalcopyrite banding in massive po         994'       - chalcopyrite banding in massive po         1015-1025'       - cov stringers assoc, with po @ 30°	875	922	95%	Interbedded chlor	ite-epidot	te fine grai	ned volcanic	and black fine grained vo	lcanic-met	avolcanic	=	28	30 9	140 10	.22	.110	┡──┤						
897'       - beginning of ore zone, 30-50% sulphide banded & stringer po, with appreciable         cpy banding @ 30-50°       -         918 - 919'       - cpy banding @ 45°         920 - 922'       - banded & stringer po & cpy @ 135°         922 1026       100         Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded         green cherty volcanics dominantly patchy & gobby po, minor to appreciable cpy & py prominant         994'       - chalcopyrite banding in massive po         994'       - chalcopyrite banding in massive po         998'       - appreciable cpy assoc. with po @ 30°				10% sulphide	as string	zer, gobby &	disseminate	od po			=	29	940 9	950 10	.42	.140	10	0.4	46	20	.11		-+
cpy banding @ 30-50°       -         918 - 919' - cpy banding @ 45°       -         920 - 922' - banded & stringer po & cpy @ 135°       -         922 1026       100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded       -         922 1026       100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded       -         922 1026       100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded       -         922 1026       100 lol 0       21 .091       -         922 1026       100 Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded       -         922 1026       100 lol 0       21 .091       -         924 - chalcopyrite banding in massive po       -       -       -         998' - appreciable cpy assoc. with quartz & po       -       -       -         991036       1046       0       .09       .013       5       0.3         1015-1025' - cpy stringers assoc. with po @ 30°       -       -       -       - <td></td> <td></td> <td></td> <td>897' -</td> <td>beginning</td> <th>of ore zone</th> <td>, 30-50% su</td> <td>lphide banded &amp; stringer po</td> <td>o, with ap</td> <td>preciable</td> <td></td> <td>30</td> <td>950 9</td> <td>+60 10</td> <td>.26</td> <td>.100</td> <td>965</td> <td>270</td> <td>· 2/</td> <td>-//2</td> <td></td> <td></td> <td>$\rightarrow$</td>				897' -	beginning	of ore zone	, 30-50% su	lphide banded & stringer po	o, with ap	preciable		30	950 9	+60 10	.26	.100	965	270	· 2/	-//2			$\rightarrow$
918 - 919' - cpy banding @ 45°       33 980 990 10 .25 .120         920 - 922' - banded & stringer po & cpy @ 135°         922 1026 100       Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded         green cherty volcanics dominantly patchy & gobby po, minor to appreciable cpy & py prominant         quartz-carbonate veining         994' - chalcopyrite banding in massive po         998' - appreciable cpy assoc. with quartz & po         1015-1025' - cpy stringers assoc. with po @ 30°					cpy bandir	ng @ 30-50°					=	32	270 9	80/10	1-12	.081	<b>A</b>					-	
920 - 922' - banded & stringer po & cpy @ 135°       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - <t< td=""><td></td><td></td><td></td><td>918 - 919' -</td><td>cpy bandi</td><th>ing @ 45°</th><td></td><td></td><td></td><td></td><td>=    </td><td>33</td><td>980 9</td><td>90 10</td><td>.25</td><td>.120</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				918 - 919' -	cpy bandi	ing @ 45°					=	33	980 9	90 10	.25	.120							
922       100       Heavy sulphide mineralization hosted in dark green chlorite-epidote basalts and interbedded       351000       100       10       21       .091         green cherty volcanics dominantly patchy & gobby po, minor to appreciable cpy & py prominant       36100       102       10       .08       .055				920 - 922' -	banded &	stringer po	& сру @ 135	5°			=	34	990 10	100 10	.39	.150	2 5	_0.4	41	L5	.095		
green cherty volcanics dominantly patchy & gobby po, minor to appreciable cpy & py prominant       361010 1020 10 .38 .055         quartz-carbonate veining       371020 1026 6 .16 .028         994'       - chalcopyrite banding in massive po         998'       - appreciable cpy assoc. with quartz & po         1015-1025'       - cox stringers assoc. with po @ 30°	922	1026	100	Heavy sulphide mi	neralizati	ion hosted i	n dark green	1 chlorite-epidote basalts a	and interb	edded .	=	351	00 10	010 10	.21	.091	↓						$\rightarrow$
quartz-carbonate veining         371020 1026 6         16         028           994'         - chalcopyrite banding in massive po         381026 1036 10         .68         .026				green cherty v	olcanics d	lominantly p	atchy & gobb	by po, minor to appreciable	сру & ру	prominant	=	361	010 10	20 10	.38	.055							$\rightarrow$
994'         - chalcopyrite banding in massive po         381026 [1036 10 .68 .026]           998'         - appreciable cpy assoc. with quartz & po         -           1015-1025'         - cpy stringers assoc. with po @ 30°         -				quartz-carbona	te veining	g					=	371	20 10	26 6	.16	.028	<b> </b>						
998' - appreciable cpy assoc. with quartz & po 1015-1025' - cpy stringers assoc. with po @ 30°		1		994' -	chalcopyri	ite banding	in massive p	00			=	381	026 10	036 10	.68	.026	┝_┤						$\rightarrow$
1015-1025' - cpy stringers assoc, with po @ 30°		1-1		998' -	appreciat	ole cpy asso	c. with quar	rtz & po			-	391	036 10	046 10	.09	.013	5	0.3	13	25	.020		$- \downarrow$
		1	· · · •	1015-1025' -	Cov strir	vers assor	with po @ 3	30°			_	1			1				1	1			ł

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				Inclination Bearing	PROPERTY		Length					HOLE	No.		10 - 3	3		PA	GE #	2
DRIL		IOL	E RECORD	Collar	Location		Hor Con	י/ יקו	Vert C	omp		Sheet		01	F	_				
					Elevation		Bearing					Logge	d by							
FALCON	BRIDG		KEL MINES LIMITED		Coordinates	N	Begun	/0	omple	ted		Sampl	ed by							
NM 6 8						E	Core size	• /F	Recove	ry	%	DRILLI	ERS	r				RIG#		
FOO	TAGE	RECOV'	Y	DESCRIPTION				GRAPHIC		SAMPL	ES	AS	SAYS			COMPO	SITES	i.		
From	TOF	Run _I Cor	e						No.	From	To FI	Cu ₈	C08	Au PPS	Ag ppro	S28	Znppn	<u>_C08</u>		+
1026	1311	100	) Fine to medium gra	ained, dark green chlorite volcan	ic, stringer and banded p	o&_cpy_up_	to 10%	:	28740	1046	056 1	0 .66	.017	6		<del>_</del>		$ \rightarrow $		
			sulphide.						41	1056	066 1	0 .07	.013	2_5	0.3	_13	25	020		
			1043' -	- banded po @ 90°			······		42	1066 1	076 1	0 .13	.016	Ŋ						
			1053 - 1054' -	- cpy gobs & stringers assoc. wi	th quartz & po				43	1076	086 1	0								
			1072 -	- cpy assoc with patchy quartz &	ро				44	1086 1	096 1	0 .28	.015	> 5	0.4	_11	20	018		
[			1082 - 1084' -	- host rock coarser grained, more	siliceous				45	1096	106 1	0 .09	.012							
			1101 - 1120' -	<ul> <li>banded and stringer po &amp; assoc</li> </ul>	. cpy trending @ 125°		· · · · · · · · · · · · · · · · · · ·		46	1106	116 1	0 .21	.034	/						
			1139 - 1142' -	- fault gouge, highly sheared, c	hlorite				47	1116	126 1	0 .10	.020			$\rightarrow$				
			1144 - 1183' -	<ul> <li>host rock coarser grained equivant</li> </ul>	alent, diorite-gabbroi ?			:	48	1126	136 1	0 .03	.017							$\rightarrow$
			1183 - 1197' -	- cherty subunit, appreciable po	& minor cpy @ 90°			:	49	1136	146 1	0 .12	.016	1 5	0.4	7_	20	016		
			1197 - 1269' -	- fine grained, chlorite-epidote	rich volcanic, interbedd	ed chert hor	izons		50	1146	156 1	0 .16	.018			$\rightarrow$	ł		-+	
				appreciable patchy & gobby po	10-20%				51	1156 1	166 1	0 .02	.013	2						$ \rightarrow $
			1248 - 1252' -	- appreciable patchy po in shear	ed, altered chloritic vol	canic		:	52	1166 1	176 1	0 .04	.024							
			1269 - 1311' -	- coarser grained equivalent, ch	loritic, contains dissemi	nated po		.	53	1176 1	186 1	0 .25	.072			$\rightarrow$		<u> </u>		
		_	1309 - 1311' -	- stringer po					54	1186 1	196 1	0 .15	.043	5	0.2		20	032		$\rightarrow$
										11961	206 1	0 .05	1.023							
			HOLE MAY NOT HA	AVE PENETRATED MAIN SULPHIDE ZONE	AS ROCKS STILL MORE CHLO	RITIC THAN F	OUND TO		56	1206 1	216 10	0 .04	.016			<b></b>	$\rightarrow$			_
			THE WEST, POSS	SIBLE FAULT OF"SET? HOLE FAILED	TO FLATTEN AS ANTICIPATED	AND WAS ABA	NDONED		57	1216 1	226 10	0 .06	.045	<b>}</b>		$\rightarrow$				
			DUE LACK OF WAT	TER.					58	1226 1	236 10	0	.050			$\rightarrow$				$\rightarrow$
	$\square$								59	1236 1	246 10	$\frac{0}{2}$ .12	.022	<u>7 5</u>	.03	14 1	.15 .	029		_+
								:	- 00	1246 1	256 11	J .23	1.027							
								:	61	1256 1	266 10	0 .03	.008					$\rightarrow$	<u>_</u>	$\rightarrow$
								:	62	1266 1	276 10	0 .04	.009	}		$\rightarrow$				$\rightarrow$
									63	1276 1	286 10	0 .05	.014	( +						
	1	_						:	64	1286 1	296 10	0 .02	.015	(_5	0.1	6	20	014		
								:	65_	1296 1	306 10	0 . 03	014	$\vdash$						
								: ] ]	66	1306 1	311	5 .08	.025			$\rightarrow$				-+-
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## APPENDIX 3

Drill and Assay Sections

Massive sulphides (50-100%), pyrrhotite, pyrite, chalcopyrite. Sulphides (10-50%), pyrrhotite, pyrite, chalcopyrite largely as stringers, bands & patchy mineralization. Sulphides (0-10%), pyrrhotite, pyrite, chalcopyrite as disseminations, vein & fracture fillings. Rusty gossan-highly oxidized. Relatively unaltered basic-intermediate flows, sills & dykes (andesitic) 1 Schistose fine grained basic volcanics, pillow lavas, chlorite & 2 epidote alteration (spilitic basalts?) commonly interbedded with chert & argillite. 3 Relatively unaltered medium to coarse grained basic-ultrabasic intrusives (dioritic - gabbroic?). 4 Felsic dykes, light grey, medium grained. Black shale, laminated, aften argillaceous & calcareous. 5 Argillite, black, thinly bedded & massive, commonly calcareous 6 1 & pyritic. 7 Undivided minor metasediments & metavolcanics, thinly bedded. Light grey to black limestone, argillaceous. 8 Dark green to grey chert, commonly chloritic, resembles fine grained 9 rhyolitic volcanics in places. 10 Volcanic breccia-conglomerate, subangular foreign clastics, tuffaceous matrix (laharic breccia).

## ABBREVIATIONS

po	pyrrhotite	volc	volcanics	fg	fine grained
ру	pyrite	arg	argillite	mg	medium grained
сру	chalcopyrite	calc	calcareous	cg	coarse grained
n cu	native copper	qtz vng	quartz veining	diss	disseminated
mal	malachite	cte vng	calcite veining	amyg	amygdaloidal
az	azurite	oxid	oxidized	bx	brecciated
cha1	chalcanthite	su1ph	sulphides	frac	fractured
cup	cuprite	vnlts	veinlets	str	stringers
ch1	chlorite	·_	Ore Zone Margin		
epte	epidote		Massive Sulphide Zone	2	
sph	sphalerite		Geological Contacts	-	
cte	calcite	~~~			
qtz	quartz	~~~~~	Possible Fault		

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Appendix IV

1982 Preliminary Budget Estimate
## SUMMARY

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MEMO ONLY EXPLORATION FORECAST 1982									
		FIXED COSTS							
1	PROJECT	Salaries incl.	1	Diamond	Camp	Metallurgy	Option	Property	
No.	Name	in details	Surveys	Drilling	Operation	Mineralogy	Pavments etc	Maint.	TOTAL
v 135	Windy-Craggy	28,000.00	65,000.00	493,000.00	31,000.00	5,000.00		6,000.00	600,000.00
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	TOTALS								600,000.00
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## EXPLORATION SUMMARY

## FORECAST OF EXPENDITURE FLOW 1982

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10.	Jan	Feb	Mar	Apr.	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
135	10,000	100,000	10,000	10,000	10,000	30,000	100,000	150,000	100,000	30,000	30,000	20,000	600,000.00
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Form 2

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EXPLORATION FORECAST

FORM 4

1982

Project Name Windy-Craggy	Project Numb	er 135					
	\$ Estimate						
SURVEYS							
Salaries		5,000.00					
Transportation		7,000.00					
Contract Payments (Legal Land)	30,000.00						
(Other)	8,000.00						
Field Expenses		12,000.00					
Assays		3,000.00	65,000.00				
DIAMOND DRILLING							
Salaries		15,000.00					
Transportation		7,000.00					
Contract Payments		221,000.00					
Field Expenses		245,000.00					
Assays		5,000.00	493,000.00				
CAMP OPERATION							
Salaries		8,000.00					
Camp Supplies		21,000.00					
Hotels & Meals		2,000.00	31,000.00				
METALLURGY AND MINERALOGY	5,000.00						
OPTION PAYMENTS AND PARTICIPATIONS							
PROPERTY MAINTENANCE			61,000.00				
TOTAL FOR PROJECT			600,000.00				

Notes -