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REPORT ON A GEOLOGICAL MAPPING

AND

MAGNETOMETER SURVEY

TIELINE 17+00S GRID,

IRWIN TOWNSHIP, Ontario

FOR

METALORE RESOURCES LIMITED

October and November 1983

Date: December 1983

By: P. Lassila

OM84-4-C-184



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RECOMMENDATIONS

Since most of the mapped area is covered by shallow overburden, prospecting locations by backhoe trenching is probably the most effective method of exploration subsequent to detailed mapping and other surface prospecting. Backhoe trenching should be completed over old trenches, zones of secondary silicification, surface grab sample locations with encouraging values, fault shears, the areas with cherty and/or siliceous horizons, and zones of intense fracturing. Some such areas, with a favourable geological environment, and are discussed under " Economic Aspects. " Locations which return encouraging values at surface should be tested at depth by drilling.

Detailed mapping - prospecting should be completed over the entire volcanic belt westward from line 34E to the west edge of the property at about 36W. Backhoe trenching and drilling, which has already been completed over part of this area with some encouraging results, should be continued over remaining unexplored sections subsequent to the mapping - prospecting program.

Soil geochemistry has not yet been utilized as an exploration tool on the Metalore Resources property. Soil sampling over some of the known gold bearing zones should be completed first to test the viability of this method for this area. If results are positive a program of soil sampling over selected areas should be intiated subsequent to detailed mapping. This relatively low cost technique could significantly enhance the selection of favourable targets for backhoe trenching or other more advanced exploration work. Analysis by the neutron activation method is recommended for all soils sampled for gold.

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Following are expenditures estimates which pertain only to work recommended over the TL 17+00S area covered by this report.

1)	Geologist, one month.	\$6,000
2)	Soil sampling program (500 samples assumed)	\$10,000
	including costs of analysis.	
3)	Backhoe trenching at an average cost of \$550	\$11,000
	per day, 20 days.	
4)	Diamond Drilling, 3000 feet at \$20 per foot.	\$60,000
5)	Rock assay costs.	\$5,000
6)	Reports and Maps.	\$6,000
	Total Expenditures	\$98.000

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INTRODUCTION

The purpose of this report is to document the work and results of a geological mapping and magnetometer survey conducted over a portion of Metalore Resources property in Irwin Township, Ontario (Figures 1 & 2).

All the work was carried out by the author during October and November 1983. The geological mapping and magnetometer results are presented in map form on Plates 1, 2 and 3.

ACCESS

The survey area lies next to the Windigokan road about six miles north of the junction at Highway 11 about 12 miles west of Beardmore (Figures 1 & 2).

 d_{ℓ} Numerous logging roads provide good diamond road access to λ various parts of the survey area (Plates 1, 2 and 3).

TOPOGRAPHY

The survey area consists of nearly flat to moderate relief with local sharp breaks of up to 50 feet in elevation. Several small topographic ridges trend easterly generally parallel to the geological and structural frabic.

A major east - southeast striking fault, which seperates the metasediments to the north and metavolcanics to the south, forms a sharply incised narrow swampy valley in the northwest part of the area.

Outcrop is moderately abundant or buried under shallow overburden except for occasional swampy areas and a small sand plain just north of the eastern portion of Fox Ear Lake.

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FIGURE 2

PREVIOUS WORK

Within the past 45 years very little exploration has been carried out over the survey area. During 1935 several stripped trenches were dug out in search of quartz veins, some of which were rock blasted. Apparently a few of these panned visible gold.

Northwest from the survey area, geological mapping, a magnetic survey and six winkle drill holes for a total of 1214 feet were completed by Lynx Canada Exploration during 1974. Several of the holes returned good values (0.08 oz./ton to 0.30 oz./ton) in gold over narrow (1 to 3 foot) widths, with one assay of 1.59 oz./ton over 0.8 feet.

WORK PROGRAM

Detailed geological mapping was completed between October 4th and October 12th,1983, over a cut and chained picket line grid. Lakes, numerous old logging roads and other topographic features, clearly evident on aerial photographs, were utilized to adjust picket line stations to their true relative positions on the map presentation. Quartz veins and locations of sulfide mineralization were sampled for assay.

During the period between, November 9th and November 12th, 1983, a magnetometer survey was conducted over the same grid system with a Scintrex Proton MP2 magnetometer. A total of 887 stations along 8.01 line Km of traverse was recorded. Readings were taken at 50 foot intervals in some areas of flat magnetic response and at 25 foot intervals over most of the survey area. Normally, recorded readings were also taken between the recorded stations to provide a nearly continuous observation of the magnetic relief. Magnetic peaks and lows were recorded at less then 25 foot intervals at some locations.

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During the early morning and late afternoon readings were recorded at a camp base station to check for diurnal drift variation during the day. Base stations, established at line crossings on TieLine 17+00S, were also utilized during the traverse periods.

Up to 150 gammas of diurnal drift, which generally increased from morning to late afternoon, was recorded at the camp base station. However field base station readings allowed diurnal drift, during traverse periods, to be corrected to an accuracy of less than 40 gammas error relative to any station on the survey grid.

REGIONAL GEOLOGY

The Metalore Property lies in the central portion of a broad greenstone and metasedimentary belt of Archean rocks which extends west from Lake Nipigon. This belt contains numerous gold - bearing occurrences and several past producing gold mines.

Several major east - west striking subparallel faults occur within the belt. For more detail, the reader is referred to the 1975 Geological Report No. 122 by W. O. MacKasey.

The mapped area is predominantly underlain by intermediate to matic metavolcanics which are separated from a north lying unit of metasediments by a major east - southeast striking fault.

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GEOLOGY UNDERLYING THE TIELINE 17+00S GRID

(LINES 34 E TO 58E, PLATE 1)

A pervasive east - west striking geological and structural frabric prevails in the mapped area. It is underlain by two major rock units; a northerly unit of well stretched, foliated, recrystalized, steeply dipping and easterly striking metasediments, and a southerly 1500 feet to 3000 feet thick metavolcanic pile which ducludes compositional variations ranging from rhyolite to metabasalt. A major east - southwest striking fault (Brookbank Fault) follows the contact of the two units.

The metasediments are composed predominantly of sericitized tuffaceous metasiltstones and metatuffs interbedded with lesser schistose psammitic subgrey wacke bands up to tens of feet in thickness, and thin phylitic and slatey beds up to several feet thick.

Immediately south of these finer grained metasediments a '50 feet to 150 feet thick bed of schistose well stretched pebble and pebble - cobble polymictic metaconglormerate lies in fault contact with southlying mafic metavolcanics. At the east end of the mapped area a narrow tongue of extremely altered, massive, well dolomitized, granulose skern - like mafic rock, ranging in thickness from a few feet at 48E to possibly 50 feet thick at 56E, is wedged between the fine grained metasediments and metaconglomerate.

A general lithogic change occurs southerly across section, from predominantly massive siliceous tuffaceous psammitic metasandstones, at the north edge of the map area, to predominantly greywacke metasandstones and pelitic schists near the metaconglomerate along the fault zone.

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The volcanic pile may be segregated into two lithogocical components, a northern complex volcanic zone and a southern essentially monolithic volcanic zone. These two segregations are apparently seperated by an easterly striking buried fault which underlies Hot Dog and Fox Ear Lakes and the adjoining swamp between the two Lakes.

The northern volcanic zone exhibits very considerable compositional variation within short distances across section and to a lesser degree along strike. Magmatic differentiation, metamorphism, introduction of alteration products (predominantly silicification, carbonatization and epidotization), fault related dislocation and shearing, moderate to intense fracturing and injection of quartz and carbonate fracture fillings, have all contributed to the present lithologic complexity. Specific lithogical identities are clearly evident only as isolated units, and interrelationships from location to location are not clear. However some general trends are obvious.

Immediately south of the fault, and the northern metasediment contact, the volcanics have been intensely fractured, carbonatized, moderately chloritized and carry abundant small calcite and quartz - calcite fracture filling veinlets. The area to the west, north of BL 17+00S, is underlain by metandesites grading to metabasalts with minor dacitic phases. Well stretched pillowed meta - andesite was observed close to line 40E at 7+30N. An easterly trending section of predominantly dacitic volcanics underlies the central portion of the volcanic pile. These rocks are generally well fractured and commonly exhibit epidote alteration and secondary silicification.

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Intergradations of meta - andesite and metabasalt predominate the area which lies south of the dacitic volcanics and north of Fox Ear Lake and Hot Dog Lake. Locally they grade into coarser diabasic textured metagabbroic and metadioritic phases which are well exhibited in a large outcrop along the northeast shore of Fox Ear Lake. Also, in the area south of BL 17+00S and north of the two lakes, several easterly striking, steeply dipping, narrow (few feet to possibly 50 feet thick) units of banded moderately sheared very siliceous rocks lie within the volcanic sequence. They grade from fine grained quartzitic metasilston to very fine brittle chert which appear to be derivatives of siliceous tuffs or ash beds which commonly lie in sharp contact with the metavolcanics.

The area south of Fox Ear Lake and Hot Dog Lake consists of relatively uniform massive metavolcanics composed of altered andesites and basalts which locally coarsen into metadiorite and metagrabbro. Well developed pillows were observed in one outcrop at 12+50S on line 58E.

A major easterly striking fault follows the north shore of Windigokon Lake along a contact between northlying metavolcanics and southlying metasediments. Near the fault the volcanics are well sheared, chloritized, and moderately carbonatized. The metasediments are poorly exposed along a thin strip near the shoreline and include sericite schist, psammitic greywacke, and minor intensly stretched and foliated polymictic metaconglomerate.

Subsequent to the mapping a significant zone of silicification with associated quartz veining a few feet to several feet wide was exposed by backhoe trenching just north of TL 17+00S between lines 37E and 40E. At the time of this writing the author had not yet received assay results from representatives grab samples taken from several locations along the quartz vein.

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ECONOMIC ASPECTS

The information available to date indicates that the central zone containing intermediate volcanics offers the best potential for gold occurrences. Grab samples from old trenches, as well as from some newly discovered quartz - bearing locations, returned several encouraging values in gold ranging from 0.01 oz./ton to 0.30 oz./ton. Subsequent to mapping, backhoe trenching exposed a significant zone of silicification and quartz veining just north of TL 17+00S between 37E and 40E. Other similar occurrences may exist buried under shallow overburden in the nearby area. Results of geological mapping, which indicate abundant secondary silicification, epidotization and fracturing to be common occurrences within the intermediate volcanics, may be considered as furthur evidence of a favourable geological enviorment within this central portion of the map area.

Another area which is favourable as a host for gold is the zone of well fractured and generally heavily carbonatized mafic volcanics just south of the fault contact with the northlying metasediments. The rocks here are not well exposed although they mainly lie under very shallow overburden.

The narrow easterly striking cherty or siliceoushorizons, which occur south of TL 17+00S, are exposed only in a very few small outcrops, and could contain unexposed associated gold occurrences.

Lastly, structure breaks and linears, particulary those with evidence of associated fault shearing, may contain zones of gold enrichment.

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MAGNETOMETER SURVEY (PLATES 2 & 3)

To facilitate interpretation the magnetometer results are presented in both contour and stack profile form. The high density of the station readings enables a detailed depiction of sharp changes in magnetic relief and substantiates gradual gradient changes.

While some geological trends are clearly reflected by the nature of the magnetic relief, others are not. The magnetic response over the metasediments, which lie north of a south - southeast striking fault, is uniformly flat with a maximum relief of less than 100 gammas. The metavolcanics south of the fault exhibit a very variable magnetic character including 1), several broad areas of low to moderate (50 to 500 gammas) relief 2), moderate relief (200 to 1500 gammas) in the form of lense-like magnetic troughs and ridges in the central part of the area south of TL 17+00S and 3), a 400 foot wide zone of high (1500 to 8000 gammas) relief west from line 46E just north and south of TL 17+00S.

A general magnetic low characterizes the well carbonatized mafic volcanics just south of the fault. The zone of high relief, west from line 46E, is underlain by metaandestic to metadacitic volcanics which are partly covered by swamp. The area of linear magnetic ridges and troughs south of TL 17+00S, apparently reflects compositional variations in the underlying volcanics, but no obvious correlation between the magnetic relief and the mapped rocks is evident. At other locations similar rocks underly areas of relatively flat magnetic relief.

In general, a zone of moderate to strong magnetic response in the central west dissipates into a broad area of weak magnetic response to the east. The significance of this magnetic trend remains undetermined.

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NOTE:

Various old maps of work done by Noranda and Lynx Canada and other old maps and sketches of exploration work may be found in the files of Metalore Resources Limited.

APPENDIX I



MAN DAYS WORKED Geological Mapping 6 days Drafting Field Map 2 days Magnetometer Survey 4 days Report and Maps 12 days Total Days 24 days

5, c mi Line Km Magnetometer Survey 8.01 Km No. of Magnetometer Readings Recorded 887

Name and Adress:

Pentti Lassila 68 Albery Cres. Ajax, Ontario LlS 2Y3

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AUTHORS QUALIFICATIONS

I Pentti Lassila, author of this report, carried out the geological mapping and magnetometer survey over the area which is covered by this report. I am a 1968 geological graduate from the University of North Dakota and have accumulated fourteen years of minerals exploration experience including five years as a senior geologist with the minerals exploration department with Hudson's Bay Oil and Gas Co. Ltd. (recently merged with Dome Petroleum).

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GEOLOGICAL AND GEOPHYSICAL

PROGRAM

FOR

METALORE RESOURCES LIMITED

IRWIN TOWNSHIP

ONTARIO

JULY 1983

L.D.S. Winter B.A.Sc.,M.Sc.,F.G.A.C. August 18, 1983

OM 84-4-C-184

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All maps at scale of 1in=100 ft.

1. INTRODUCTION

Metalore Resources Limited holds several claim blocks in Irwin Township, Thunder Bay Mining Division, Ontario. As part of an on-going exploration program to test the various claims for economic gold deposits, the writer was requested by Mr. G. W. Chilian president and managing director of Metalore Resources Limited, to conduct geological and geophysical surveys on cut lines over part of the claim group lying between Knox and Patter Lakes to the north and Windigokan Lake to the south.

The work was done by and under the supervision of the author during the period July 20 to 28 inclusive, 1983. Statistical data with regard to the work is presented in Appendix 1. The following report outlines the work done and the results of the program of:

- 1. geological mapping
- 2. magnetometer survey
- 3. VLF-EM survey

2. SUMMARY

2.1 The property was geologically mapped along lines
200 feet and 400 feet apart and the results are presented
in 4 maps. (Figure 1).

The rock units are part of an east-west trending, vertically dipping homocline of metavolcanics and metasediments. Most of the area is underlain by metabasalt flows and pyroclastics with polymictic metaconglomerate along the south shore of Knox and Patter Lakes in the north. To the south, along the north shore of Windigokan Lake, metabasalts are interlayered with quartz-sericite-carbonate schist (metarhyolite?). A broad zone of schists (deformed pyroclastics?) lies



the north of $_{\Lambda}$ metabasalts.

A granodiorite stock is present just north of Windigokan Lake on L2OE and diabase dikes have intruded the metavolcanics and metasediments at the west end of Patter Lake.

The property shows a strong east-west tectonic foliation and a major east-west fault is considered to occur under the major scarp-controlled swamp about 1500 feet south of Knox and Patter Lakes. Major faults probably also underlie Knox and Patter Lakes in the north and Windigokan Lake to the south. Secondary faults and shears trend $050^{\circ}-070^{\circ}$ between these major structures.

2.2 One area of silicification, quartz-veining and pyritization on lines 28W and 30W at BL1 was noted and is recommended for stripping, sampling and detailed study.

2.3 An old area of trenching showing minor malachite and chalcopyrite mineralization was observed 200 feet north of Windigokan between lines 30W and 34W.

2.4 The magnetometer survey generally showed flat magnetics with values between 59000 nT and 60000 nT. Anomalous values above 60000 nT are considered to represent magnetite bearing basaltic flows. There does not appear to be any direct relationship between the magnetics and economic mineralization.

2.5 5 conductive zones were located by the VLF-EM survey. Conductors A,B,C and D are considered to be due to water-filled shears. Conductor E is in part related to areas interpreted as being water-filled but other parts appear underlain by metabasalts. There is no obvious correlation between the VLF-EM conductors and economically important gold mineralization.

Respectfully submitted, ASSOCIA 6EOLOG/C L. D. S. Winter L.D.S. Winter B.A.Sc., M.Sc., F.G.A.C. ELIOW August 18, 1983

PROPERTY

3.1 LOCATION

The claims of Metalore Resources Limited are located in west-central Irwin Township, Thunder Bay Mining Division at approximately $49^{\circ}-40$ 'N latitude; $87^{\circ}-45$ 'W longitude, approximately 14 km northwest of the village of Beardmore on provincial highway #11. (Figure 2)

3.2 ACCESS

The property can be accessed by the Windigokan Lake access road which leads north from #11 highway approximately 10 km east of Beardmore. The southern part of the grid is most easily reached by boat along the north side of Windigokan Lake while in the north, the Knox Lake-Patter Lake area can be reached via a fourwheel drive road to within one mile of the east end of Knox Lake and then by a portage to Knox Lake.

3.3 TOPOGRAPHY AND VEGETATION

The topography follows very closely the approximately east-west trend of the geological features. The Knox and Windigokan Lake areas are characterized by rugged terrain with east-west trending draws and ridges with relief up to 200 feet above the lake level.

Except for the swampy areas, most of the area is underlain by outcrop covered with a thin layer of moss, roots and in some cases a thin mineral soil.

The ridges are generally forested with spruce, balsam, birch and poplar with cedar and alders common in the wet areas and swamps.

4. <u>GEOLOGY</u>

4.1 REGIONAL GEOLOGY

This area of the Canadian Shield is underlain by

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LOCATION MAP FIGURE

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an east-west trending, metamorphosed, folded and faulted sequence of Archeon volcanic and sedimentary rocks. The metavolcnics range from massive and pillowed mafic lavas to intermediate and felsic units which are probably pyroclastics. The metasediments consist of conglomerate, sandstone, argillite and some iron formation.

Felsite dikes and granitoid bodies cut the volcanic pile.

Diabase dikes, probably of Keweenawan age, are present as north trending intrusives.

After an extensive period of erosion the Precambrian units were covered in part by Pleistocene deposits of sand, gravel and clay as well as Recent lake, stream and swamp deposits.

For a more extensive description of the regional geology the reader is referred to Geological Report 122 of the Ontario Division of Mines (Mackasey, 1975).

4.2 PROPERTY GEOLOGY

4.2.1 LITHOLOGY

The main rock types exposed in the Metalore property are metabasalt flows with some pyroclastic units. A tectonic foliation in all rock types has destroyed most primary features and makes a separation of rock units into flows and pyroclastics difficult. The metabalts are usually fine to very fine grained, grey-green to dark green in colour, chloritized and show a steeply dipping tectonic foliation.

Just south of both Knox and Patter Lakes and also just north of Windigokan Lake there are sections in the metabasalts that show a medium grained to coarse gabbroic texture. No actual intrusive contacts between the metabasalts and this rock type were noted so at

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this time it cannot be stated if the gabbro is an intrusive or whether it represents coarser sections of more massive flows.

To the north of Windigokan Lake there are a considerable number of exposures of quartz-sericitecarbonate schist. The rock usually shows a paper-thin, steeply dipping, schistosity. The quartz occurs as quartz eyes, grey to blue in colour and 2-3 mm in diameter. This rock may be a deformed and metamorphosed rhyolite.

Between 700 ft to 1500 feet north of Windigokan Lake there is a broad zone of outcrop and swamp and one small lake underlain by strongly sheared and altered metavolcanics. The mineral composition varies from strongly chloritized metabasalt to quart-carbonate-sericite schists. It is considered that this region may originally have been a section of pyroclastics which was strongly deformed during later tectonic events.

From this zone of strongly schistose metavolcanics to the south shore of Knox and Patter Lakes the rocks are dominantly mafic metavolcanics.

Along the south shore of Knox and Patter Lake is a contact between mafic metavolcanics to the south and metasediments to the north. The contact is never visible, always being marked by a swampy valley. The rocks on both sides of the valley are always schistose and usually well altered suggesting that this contact may be, at least in part, a fault contact. This contact may have been a zone of weakness along which deformation was localized during folding.

The sediment north of this contact is a polymictic conglomerate composed of pebbles and boulders of granitic to dioritic rock, mafic to intermediate volcanics and less abundant argillite, quartz, jasper and iron formation. The clasts show a high degree of

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rounding and usually are closely packed. The matrix is a medium to coarse-grained feldspathic sandstone in places altered to a chlorite schist.

On L2OE, south of BL5 and just north of Windigokan Lake (South Sheet), the metavolcanics have been intruded by a medium grained, fresh looking stock of granodiorite. In hand specimen, the rock is light coloured and consists of quartz and approximately equal amounts of K-feldspar and plagioclase.

On the west end of the grid along the south shore of Patter Lake (West Sheet) two north striking dikes of porphyritic diabase are present. These are the 'Greenspar' porphyry as described by Mackasey (1975, p.25) and consist of a medium-grained diabase with variable amounts of saussuritized green feldspar phenocrysts from 1 to 5 cm in diameter.

4.2.2 STRUCTURE

All of the rock types appear to be steeply dipping and to contain an approximately east-west, vertically dipping tectonic foliation. The foliation varies in intensity from a faint but noticeable one through a slaty cleavage to a paper thin schistosity.

No folds were noticed in the area mapped and the metavolcanic units are considered to be a steeply dipping homoclinal sequence, probably with tops to the north (?).

The major structural features of the area are the east-west trending fault and/or shear zones along the major east-west valleys and chains of lakes. It is considered that a major fault underlies Patter and Knox Lakes and also the large east-west, scarp bounded valley approximately mid-way between Knox and Windigokan Lakes. Strong schistosity and a scarp along the north shore of Windigokan Lake also suggest a fault in this

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region. The zone of strong schistosity and swamps between 700 ft and 1500 ft north of Windigokan Lake is considered to be another east-west zone of shearing.

Between Knox and Patter Lakes and the large fault (swamp) 1500 feet south of the lakes, much of the foliation and probably some faults trend 050°-070°. This trend probably represents a secondary set of shears and faults between the two main structures.

4.2.3 ECONOMIC GEOLOGY

Numerous areas of old trenches, dating from work done in the 1930's, are shown in the West, Central and East Sheets along the south shore of Knox and Patter Lakes. A second area of old trenches lies 200 feet north of Windigokan Lakes between lines 30W and 34W. Small amounts of chalcopyrite and some malachite staining were observed here.

During the winter of 1982-1983 an area of old trenches, 300 feet south of Knox Lake between lines 16W and 12W was drilled by Metalore Resources Limited (Lassila, 1983). This trenching and drilling was done to evaluate an area of silicification, quartz veining and pyritization, and low gold values are reported. A similar zone of alteration was noted by the writer on lines 28W and 30W along BL1 and is recommended as an area for stripping, sampling and detailed mapping.

5. GEOPHYSICS

5.1 MAGNETOMETER SURVEY

The magnetometer survey was carried out using a Scintrex Proton MP2 Magnetometer with readings being taken along north-south picket lines qt 50 ft. intervals. A base station was established at L26W:BL2 of 59878 nT and a second one for the area north of

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Windigokan Lake at L22W:BL4 of 60104 nT.

Baselines 2,3 and 4 were surveyed to establish secondary base stations at the intersection of each picket line and the base line. No untoward magnetic disturbance was experienced during the survey dates and the readings were corrected for diurnal drift by comparison of the secondary base station readings at the beginning and end of each line-loop. The results are plotted and contoured on the four magnetometer survey maps.

5.1.1 RESULTS

The magnetometer survey generally shows flat magnetics with values ranging between 59000 and 60000 nT. South of Knox and Patter Lakes (West and Central Sheets) a zone of elevated magnetics runs approximately parallel to and 200 feet south of metavolcanicmetasediment contact. A second zone of elevated magnetism runs parallel to BL2 and from 200-500 feet south of BL2. It is considered that these zones of elevated magnetics represent specific volcanic units, probably magnetite bearing metabasalt flows.

North of Windigokan Lake, zones of elevated magnetics generally parallel the area 200-500 feet north of the lake underlain by metabasalts and gabbro.

The magnetics appear to show specific magnetite rich volcanic units and do not appear to directly indicate economically interesting gold mineralization.

5.2 RADEM VLF-EM SURVEY

The grid was also surveyed with a Crone Radem VLF-EM receiver along the north-south picket lines. The transmitter used was Seattle, Washington, U.S.A. (18.6 KHz) and normal accepted operational procedures were used at all times. Both the dip angle and the horizontal field strength (HFS) were measured at 100 ft. intervals along the picket lines. In somelocations

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readings were taken at 50 ft. intervals. A base station was established at L26W:BL2 at 100%. The method of establishing secondary base stations for the HFS, and of surveying, was as described for the magnetometer survey. The dip angles are plotted as profiles and the HFS values are plotted and contoured on the accompanying maps.

5.2.1 RESULTS

West Sheet L68W-L74W Conductor A 200 ft. N. of BL3

This is a weakly conductive zone with low dip angles and maximum of a 50% increase in HFS. It is coincident with the swamp covered, sheared contact between the polymictic metaconglomerate to the north and the metavolcanics to the south.

> Conductor B West and Center Sheets L74W-L22W 900 ft. S. of BL2

This conductor is a long linear feature that coincides with a scarp controlled, swamp covered, interpreted fault.

> Conductor C South Sheet

L34W-L26W

800 ft. N of Windigokan Lake

Conductor C occurs along the north side of a wide zone of shearing and is coincident with a swamp filled valley.

Conductor D

South Sheet

L22W and L4E

800 ft. N. of Windigokan Lake This conductor is coincident with a very wet

swamp and an interpreted zone of shearing.

Conductor E South Sheet

L8E to 20E

Conductor E forms a broad arc, concave to the

.....page 11

south, in an area of limited exposure. The best HFS and dip angles are related to swamp-filled areas underlain by metabasalts and sheared metabasalts.

The VLF-EM conductive zones appear to be related to water-filled shears, particularly in the southern part of the area. Along the south shore of Knox and Patter Lakes there is a build-up both in HFS and dip angle to a conductive zone through Knox and Patter Lake. By comparison with the mapping, the VLF conductive zones do not appear to be related to mineralized zones.

SSOCIA; LDS. Went Ľ. D. S. Winter L.D.S.Winter FELLOW B.A.Sc., M.Sc., F.G.A.C.

August 18, 1983

REFERENCES

Lassila, P. 1983: Geological, Geophysical and diamond Drilling Program, Irwin Township, Ontario. Metalore Resources Limited, October 1982 to March 1983 (unpublished report)

Mackasey, W.O. 1975: Geology of Dorothea, Sandra and Irwin Townships, Ontario Division of Mines, Geological Report 122, 83 p.,

CERTIFICATE OF QUALIFICATION

- I, Lionel Donald Stewart Winter do hereby certify:
- 1. that I am a geologist and reside at 1849 Oriole Drive, Sudbury, Ontario,
- 2. that I am a Fellow of the Geological Association of Canada,
- 3. that I graduated from the University of Toronto in Mining Engineering in 1957 with a Bachelor of Applied Science and from McGill University Montreal in 1961 with a Master of Science(Applied) in Geology,
- 4. that I have practised my profession continuously for 25 years,
- 5. that my report, Geological and Geophysical Program for Metalore Resources Limited, Irwin Township, Ontario, July 1983, is based on field work carried out and/or supervised by me and on published and unpublished reports on the property

L.D.S. Winter, B.A.Sc., M.Sc., F.G.A.C. August 18, 1983.



APPENDIX 1
Personnel Names, Addresses and Man Days

Name	Address	<u>Man Days</u>	Period
Geophysics			7
T. J. Semadeni	P.O.Box 625 Dowling, Ontario POM 1RO	8	July 21 - 28
Jon Chilian	Þ.O. Box 422 Simcoe, Ontario' N3Y 4L5	8	July 21 - 28
Geology			
L.D.S.Winter	1849 Oriole Dr. Sudbury, Ontario P3E 2W5	8	July 21 - 28
Reports and Maps			
T.J. Semadeni	P.O. Box 625 Dowling, Ontario POM 1RO	5	July 29 -Aug 4
L.D.S.Winter	1849 Oriole Dr. Sudbury, Ontario P3E 2W5	9	July 29 - Aug 18

VLF - EM SURVEY

8.6 line-miles surveyed

530 station readings of both horizontal field strength and dip angle

MAGNETOMETER SURVEY

8.6 line-miles surveyed
944 station readings

GEOLOGICAL MAPPING

10.6 line-miles surveyed

CLAIMS SURVEYED

VLF-EM Survey

602173		25%	602179		100%
602174		50%	602180		:30%
602175		60%	602184	-	65%
602176		80%	602185	-	90%
602177		100%	602186		50%
602178	-	100%	658054	-	90%

Magnetometer Survey

602173 -	25%	602179	-	100%
602174 -	50%	602180		30%
602175 -	60%	602184	-	65%
602176 -	80%	602185	-	90%
602177 -	100%	602186	-	50%
602178 -	100%	658054	-	90%

Geology

602173	-	25%	602179	-	100%
602174		50%	602180	-	30%
602175		60%	602184		65%
602176		80%	602185	-	90%
602177		100%	602186		50%
602178	-	100%	658054	-	90%
614090		50%	614092	-	30%
614091	-	60%	614093	-	40%



42812NW0080 63.4852 SANDRA

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METALORE RESOURCES LTD.

SUMMARY REPORT OF THE 1984-1985 DIAMOND DRILLING PROGRAM ON THE BROOKBANK GOLD PROPERTY IRWIN TOWNSHIP,ONTARIO

Vol. 1

MARCH 1985

Barbara Kowalski Project Geologist

OM84-4-C-184



42E12NW0080 63.4852 SANDRA

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LIST OF PLATES

PLATE 1 Brookbank 'West'Grid Diamond Drill Hole Plan Line 0 to 36W

.

PLATE 2 Brookbank 'East' Grid Diamond Drill Hole Plan Line 0 to 42E

SUMMARY

From July,1984 to November,1984, a diamond drill program was undertaken by Metalore Resources Ltd. on a gold prospect in Irwin Township, Northwestern Ontario. The objectives of this program were the following:

1. To continue evaluating at the 200 and 800 foot levels, the extent and potential of the Brookbank goldbearing structure, now known as the 'Brookbank Contact Zone' (initially drilled by Noranda in 1944).

2. To test continuity of the zone below the 1000 foot level.

Seven diamond drill holes were completed on the Brookbank Contact Zone for a total footage of 9,129 feet. Vertical sections of all holes drilled on the Brookbank Contact Zone are in Volume 2.

RECOMMENDATIONS

1. The extent of the mineralization should be outlined, along the east-west metaconglomerate-volcanic contact (Brookbank Contact Zone) below the 1000 foot level at 200 foot spacings.

2. If results warrant, further limited drilling should be pursued, at -75 below 1,500 foot level.

3. Detailed prospecting should be completed over the entire Metalore Resources property in search for similar contact zones (such as the Brookbank, where a mafic or felsic volcnanic unit is narrow, deformed and altered with intrusives and metasediments in close proximity).

4. Gold values thus far, are always associated on the flank of a magnetic halo (which intensifies with the presence of a diorite). Therefore, particular emphasis should be paid along the margins in areas of higher magnetic intensity.

-2-

INTRODUCTION

The purpose of this report is to briefly summarize the geology and diamond drilling program during July to November of 1984, undertaken on the Brookbank property located in Irwin Township. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Brookbank Contact Zone is accessible by bush road traversing southwest to westerly extent of the Brookbank grid.

PREVIOUS WORK

Considerable prospecting, trenching and drilling has been conducted by previous operations on the eastwest strike of a metasedimentary-volcanic fault contact as follows:

1. In 1934, Connell Mining and Exploration Co. Ltd. trenched and drilled a few short holes just east of Knox Lake.

2. In 1944, Noranda trenched and drilled 40 holes along the easterly extension of the Connell workings. Overall, erractic gold values were obtained and are summarized in the OGS Report 122 (p.51).

3. In 1974, the property was optioned from Brookbank Sturgeon River Mines Ltd., by Lynx Canada Exploration Ltd.. Surface mapping and a magnetometer survey were carried out on the eastward extension of the Noranda workings. A series of short diamond drill holes were completed on a thin siliceous zone 1,200 feet east of the main Noranda workings along the metasediment-metavolcanic rock contact. Some good gold values were obtained in

- 3 -

initial short hole drilling but were not substantiated in follow-up deeper drilling. (Skrecky 1982).

4. In 1981, Metalore Resources Ltd. optioned the property from Brookbank Sturgeon River Mines Ltd., and purchased the property outright in 1982.

GENERAL GEOLOGY

The Brookbank Contact Zone lies along the contact between a polymictic metaconglomerate unit to the north and a mafic volcanic unit to the south separated by a topographic The trough is interpreted as a dextral fault, from diamond low. drill hole and thin section data. The mafic volcanic consists of massive and pillowed flow units (including vesicular pillow selvages) with tops to the north. The volcanic unit near the contact is altered in sequence to the metasediments with hematite and potassium and variably carbonated and silicified with pods of disseminated pyrite. The volcanic is intruded by a coarse- to fine- grained diorite with disseminated and 1/8" veinlets of fine-grained pyrite and specularite. The volcanics were overlain by a polymictic metaconglomerate. The entire unit was subsequently displaced whereby, the polymictic metaconglomerate now lies subvertically to the north with the volcanics to the south. The metasediments interpreted by the author as a debris flow (a disorganized bed, where there is no grading, no stratification and no imbrication of granitic, feldspathic, quartz, mafic and jasper cob-These cobbles range in size from one to six inches bles). and are confined to a four to six foot basal section. The matrix is generally well foliated where mafic clasts are subangular to angular and have been subsequently flattened due to deformation. Volcanic material, fine- to coarse- grained is found throughout the matrix. The metaconglomerate unit is

- 4 -

overlain by an altered (sericitic), pebbly sandstone with conglomerate debris throughout, which in turn, is overlain by a greywacke interbedded with shaly or mudstone units (which is interpreted as a turbidite).

Genetically, the diorite intruded the volcanics (and the contact between the volcanics and sediments in some places) and caused incipient faulting and/or shearing along the contact. Later hydrothermal activity altered the volcanic-sedimentary units and precipitated and/or remobilized gold from another source.

PRESENT WORK

The drilling program conducted in the 1984 season on the Brookbank Contact Zone consisted of two shallow holes (200-400 feet) and five holes below 1000 feet.

Three tiers of holes have been drilled on the Brookbank Contact Zone. The first 200-500 foot long series drilled at -45^ocovered from L14+95E to L30W, and most of the holes are summarized in the 1982 summary report by Skrecky. The second 800 foot long series drilled at -65° covered L6W to L28W. These holes are summarized in the 1984 report by Kowalski. The third below 1000 foot long series drilled at -70° and -75° covered L10W to L21W. These holes indicated an intensely deformed and altered contact zone between the mafic volcanics to the south and a polymictic metaconglomerate unit to the north. The deformation and alteration become more pronounced to the west as does the silicified zone next to the metaconglomerate. The structural information obtained indicate an overall dip of the zone of -75° to the south and steep plunge to the west. Further, the diamond drilling program results indicated that the zone pinches to the east.

CONCLUSIONS

An overview of the work done on the Brookbank Contact Zone since 1934 to present suggests that gold occurs in lenselike bodies in shallow holes and at the 800 foot level. Below the 1000 foot level the deformation, alteration and mineralization become more pervasive dipping -75° to the south, plunging steeply to the west and pinching to the east. Concentaration of developing the east-west extent of the mineralization is currently underway.

REFERENCES

- Mackasey, W.O. 1975. Geology of Dorthea, Sandra, and Irwin Townships, District of Thunder Bay. Ontario Div. Mines, GR122, 83p.
- Skrecky, G. 1982. Summary Report on the Brookbank Gold Property, Iriwn Township, Ontario. 24p.
- Kowalski, B. 1984. Summary Report of the 1983-1984 Diamond Drilling Program on the Brookbank Golg Property Irwin Township, Ontario. 10p.

METALORE RESOURCES LTD.

VERTICAL DIAMOND DRILL HOLE SECTIONS ON THE BROOKBANK GOLD PROPERTY IRWIN TOWNSHIP, ONTARIO

Vol. 2

MARCH 1985

Barbara Kowalski Project Geologist

BK

LIST OF PLATES

PLATE No.	Line	Hole No.
1	Base	B - 30
2	2W	M-18
	4 W	M-16,N-1
3	6W	B-29,M-17,M-25,N-36
4	8 W	B-28,M-19,M-24,N-4
5	1 O W	B-40,M-15,M-23,M-26
		N-6
6	12W	B-36, M-20, M-27, N-7
7	14W	N-25,M-22,B-18,B-19
		B-27
8	15W	B-31,B-32
8A	1 5W	B-33,B-16,B-15
9	16W	B-26,M-21
10	17W	B-14
11	18W	B-12,M-1
12 & 12A	19W	B-13,19-2
13	2 O W	M-28, M-29
14,14A,14B,14C	21W	B-10,B-11,21-3
15	22W	M-30,B-9
16	2 3W	B-5,B-20
17	2 4 W	B-21
18	25W	B - 6
19	26W	B - 7
20	28W	B-4, B-22
21	30W	B - 8
22	3 3 W	B-2,B-3
23	34W	B - 1
24	36W	M-2
25	1 3W	13+43-1,13+70-1

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METALORE RESOURCES LTD.

Summary Report of the

1983-1984

Diamond Drilling Program

on the

Brookbank Gold Property

Irwin Township, Ontario

March 1984

Barbara Kowalski Project Geologist

0M82-4-C-184

Barbara Kowabki Mar '84.

Summary

From September 1983 to March 1984, a diamond drill program was undertaken by Metalore Resources Ltd. on a gold prospect in Irwin Township, Northwestern Ontario. The objectives of this program were the following:

1. To continue evaluating the extent and potential of the Brookbank gold-bearing structure, now known as the 'Brookbank Contact Zone' (initially drilled by Noranda in 1944) at the 200 and 800 foot levels.

2. To test continuity of the zone below the 1000 foot level.

3. To determine the potential of several separate quartz-carbonate vein systems in mafic rock at the following locations:

- A. Near the east end of Knox Lake (B-23 to B-25).
- B. Approximately 1,500 south on the west portion of the Brookbank grid (X-1 to X-14).
- C. Approximately 1,500 south on the east portion of the Brookbank grid, now known as the 'Beaverdam Zone' (X-15 to X-19).

Fifty-five (55) diamond drill holes were completed, 33 on the Brookbank Contact Zone, and 22 on the quartzcarbonate veins, for a total footage of 18,623 feet. Drill hole results from the 800 foot level are summarized in Table 1.

TABLE 1: DDH Intersection of the Polymictic Metaconglomerate-Volcanic Contact Zone (Brookbank)

<u>Line</u>	Hole No.	<u>Grade (oz./ton)</u>	DDH Width	ns (Feet)
			<u>Actual</u>	True
10W	M-26	0.12	9.8	7.5
12W	M-27	0.10	14.0	9.0
14W	B-27	0.20	9.0	7.5
16W	B-26	0.18	22.7	13.5
20W	M-28	0.13	15.4	10.0
22W	M-30	0.10	5.0	3.0
24W	B-21	0.10	3.3	1.5
28W	B-22	0.10	5.0	3.0

Note: M-Series of DDH were drilled in 1981, B-Series drilled in 1983-1984. DDH widths and grades are averaged.

TABLE 2: DDH Intersection of the Quartz-Carbonate Veins

A,B,C (Locations A,B,C, Indicated in Summary)

<u>Line</u>	Hole No.	<u>Grade (oz./ton)</u>	True Widths (Feet)
34W (A) B-23	0.16	3.0
34W (A) B-23	0.12	1.0
14W (B) X-7	0.23	1.2
14W (B) X-8	0.14	1.3
12E (C) X-16	0.24	3.10"

Recommendations

 The extent of the mineralization should be outlined, along the east-west metaconglomerate-volcanic contact (Brookbank Contact Zone) below the 1000 foot level at 200 foot spacings.

2. If results warrant, further limited drilling should be pursued, at -75° below 1,500 foot level.

3. Detailed prospecting should be completed over the entire Metalore Resources property in search for similar contact zones (such as the Brookbank, where a mafic or felsic volcanic unit is narrow, deformed and altered with intrusives and metasediments in close proximity).

4. Gold values thus far, are always associated on the flank of a magnetic halo (which intensifies with the presence of a diorite). Therefore, particular emphasis should be paid along the margins in areas of higher magnetic intensity.

-3-

Introduction

The purpose of this report is to briefly summarize the geology and diamond drilling program during the fallwinter of 1983-84, undertaken on the Brookbank property located in Irwin Township. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Brookbank Contact Zone is accessible by bush road traversing southwest to westerly extent of the Brookbank grid.

Previous Work

Considerable prospecting, trenching and drilling has been conducted by previous operators on the eastwest strike of a metasedimentary-volcanic fault contact as follows:

 In 1934, Connell Mining and Exploration Co. Ltd. trenched and drilled a few short holes just east of Knox Lake.

2. In 1944, Noranda trenched and drilled 40 holes along the easterly extension of the Connell workings. Overall, erractic gold values were obtained and are summarized in the OGS Report 122 (p.51).

-4-

3. In 1974, the property was optioned from Brookbank Sturgeon River Mines Ltd., by Lynx Canada Exploration Ltd.. Surface mapping and a magnetometer survey were carried out on the eastward extension of the Noranda workings. A series of short diamond drill holes were completed on a thin siliceous zone 1,200 feet east of the main Noranda workings along the metasedimentmetavolcanic rock contact. Some good gold values were obtained in intial short hole drilling but were not substantiated in follow-up deeper drilling. (Skrecky 1982).

4. In 1981, Metalore Resources Ltd. optioned the property from Brookbank Sturgeon River Mines Ltd..

<u>General Geology</u>

The Brookbank Contact Zone lies along the contact between a polymictic metaconglomeratic unit to the north and a mafic volcanic unit to the south separated by a topographic low. The trough is interpreted as a dextral fault, from diamond drill hole and thin section data. The mafic volcanic consists of massive and pillowed flow units (including vesicular pillow selvages) with tops to the north. The volcanic unit near the contact is altered in sequence to the metasediments with hematite and potassium and variably carbonated and

-5-

silicified with pods of disseminated pyrite. The volcanic is intruded by a coarse- to fine- grained diorite with disseminated and 1/8" veinlets of fine-grained pyrite and specularite. The volcanics were overlain by a polymictic metaconglomerate. The entire unit was subsequently displaced whereby, the polymictic metaconglomerate now lies subvertically to the north with the volcanics to the south. The metasediments are interpreted by the author as a debris flow (a disorganized bed, where there is no grading, no stratification and no imbrication of granitic, feldspathic, quartz, mafic and jasper cobbles). These cobbles range in size from one to six inches and are confined to a four to six foot basal section. The matrix is generally well foliated where mafic clasts are subangular to angular and have been subsequently flattened due to deformation. Volcanic material, fine- to coarse- grained is found throughout the matrix. The metaconglomeratic unit is overlain by an altered (sericitic), pebbly sandstone with conglomerate debris throughout, which in turn, is overlain by a greywacke interbedded with shaly or mudstone units (which is interpreted as a turbidite).

Genetically, the diorite intruded the volcanics (and the contact between the volcanics and sediments

-6-

in some places) and caused incipient faulting and/or shearing along the contact. Later hydrothermal activity altered the volcanic-sedimentary units and precipitated and/or remobilized gold from another source.

Present Work

The drilling program conducted in the 1983-1984 season on the Brookbank Contact Zone consisted of a few shallow holes, several 800 foot holes and two holes below 1000 feet and also tested several outlying quartzcarbonate vein systems within the Brookbank grid.

Three tiers of holes have been drilled on the Brookbank Contact Zone. The first 200-500 foot long series drilled at -45° covered from L4E to L30W, and most of these holes are summarized in the 1982 summary report by Skrecky. The second 800 foot long series drilled at -65° covered L6W to L28W. These holes indicated an intensely deformed and altered contact zone between the mafic volcanics to the south and a polymictic metaconglomerate unit to the north. The deformation and alteration become more pronounced to the west as does the silicified zone next to the metaconglomerate. The mineralization, however, is disrupted from L28W westward by a northwest-southeast trending fault that

-7-

wedges a metaconglomerate schistose unit and obliterates the mafic volcanics. The movement of this fault has not yet been established by the author. The contact continues from L30W westward and should be further investigated. Gold values from diamond drill holes are summarized in Table 1. These 800 foot holes indicate an overall dip of the zone of -75° to the south and a possible plunge to the west. Grade-tonnage, and confirmation of structural information may be determined by a deeper tier (below 1000') proposed. The structure and mineralization becomes more pronounced and continuous where deformation and alteration are more pervasive.

Gold values of all quartz-carbonate veins are summarized in Table 2.

Conclusions

An overview of the work done on the Brookbank Contact Zone since 1934 to present suggests that gold occurs in lense-like bodies in shallow holes and at the 800 foot level. It is the widening of the mafic unit to the east and the abrupt disruption of gold values due to a fault to the west, that has subsequently affected the continuity of the mineralization. It is postulated that the mineralization pinches to the east

-8-

and plunges to the west with a dip of -75° to the south. Below the 1000 foot level the deformation, alteration and mineralization become more pervasive and confirmation of the structural information may be ascertained accordingly. Concentration of developing the eastwest extent of the mineralization is currently underway.

Recommendations for future work are outlined at the front of this report.

REFERENCES

Mackasey, W.O. 1975. Geology of Dorthea, Sandra, and Irwin Townships, District of Thunder Bay. Ontario Div. Mines, GR122, 83p.

Skrecky, G. 1982. Summary Report on the Brookbank Gold Property, Irwin Township, Ontario. 24p.

Barbara Kowalski Mar 184. P. Leologist.

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SRM 2

NAME OF PROPERTY

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FOO	TAGE				SAMPL	E				ASSAYS	
FROM	то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	•	7	OZ TON	GZ TON
44.0	50.7	DARK SILICIOUS GREY VOLCANICS SEVERAL GTZ & HEMATITE VIENS WITH PYRITE AS A FRACTURE FILLER.									
50.7	55.0	SAME AS ABOVE BUT 0.5 MASSIVE PU VIEN AT 51.5.	8705 8706	5	0.7 15.0	55.0 60.2	4 .3 5,2			NIC NIC	
55.0	60.Z	SAME AS 44.0-50.7 BUT MORE ALTERED WITH HEMATITE BANDS									
60.Z	78.6	DARK GREGN-GREY VOLCANIC WITH EPIDOTE SWIRLS AND MINOR HEMATITE BANDS. SULFIDES LESS THAN 290. LESS ALTERATION	~								
78.6	84.5	ALTERED VOICANICS WITH UP TO 40% B IN SMALL LENGTHS HEMATITE ALTERATION IS PRESENT AND ROCK IS FAIRLY SERECITIC.	870;	2 -7	78.6	84.5	5.9			Nic	
040NTO - 366-1168	86.2	DARK GREY VOLCANICS WITH NO ALTERATION VERY APHANITIC GROUNDMASS WITH MINOR QTZ VIENLETS. NON-MAGNETIC.		1654	<u>6 in</u> .	Fee	+ cc : c:::			PY,	7.4.7
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NAME OF PROPERTY_

HOLE NO. 83-81 SHEET NO. 3

F001	AGE	DESCRIPTION			SAMP	LE		ASSAYS				
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	-	•;	OZ TON	OZ TON	
89.7	91.7	DARK GREY APHANITIC VOLCANIC FEW FRACTURES WITH SILICA AS A FILLER. FELDSPAR PHENOCRYSTS UISABLE.										
91.7	95.0	ALTERED DARK VOLCANIC WITH HEMATITE AND PY AS FRACTURE FILLINGS.	8709 8710 8710		91.7 95.0 96.0	95.0 96.0 98-0	3 .3 1.0 2.0			NºL NºL NºL		
95:0	96.0	SAME AS ABOVE BUT CONTAINING MASSIVE PIRITE.	8712		98.0	100.0	2.0			بايور		
96.0	98.0	SAME AS ABOVE BUT MORE SERECITIC AND LESS PY. HEMATITE IS MORE DISS.										
98.0	100.0	MASSIVE DARK VOLCANICS WITH LESS ALTERATION AND SULFIDES										
100.0	102.3	GREEN-GREY VOLCANICS WITH EPIBOTE AND LITTLE TO NO ANTERATION										
102.3	103.3	DISS PU IN DARK VOLCANIC ROCK WITH QTZ AS A FRACTURE FILLER ENCLOSED BY ITEMATITE	8713		102.3	103.3	1.0			10:26		
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	FROM	τo	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	· Uz.,7	OZ TON	OZ TON			
	103.3	105.0	BARK VOLCANIC (DACITE) WITH NO ALTERATION						Ag					
	105.	113.7	ALTERED WITH 10% Rgg DISS HEMATITE AND AS EDACTURE FILLINGS VERY SILICIOUS	8714		105.0	110.0	5.0		NiL				
			(112.7-113.7) 30% Pz.	8715		110.0	112.7	2.7		0.002				
	113.7	122.7	DARK GREEN-GREY MASSIVE DACITE. DISS	8716		112.7	113.7	1.0		10				
			EPIDOTE WITH MINOR FIRITE	8717		122.7	123,5	0.08		NIL		2,00 8	21	
	122.7	123 5	NON-SILICIOUS,	8718		125.0	127.0	2.0	0,46	0.07	0.09	0.40	-	
	/23.5	125	GREENISH-GREY DACITE WITH MANOR HEMATITE 1390 Py.	8719		127.0	1306	3.2						
¥	125.0	127.0	HIGHLY SULICIOUS VOLCANIC WITH MASSIVE QTZ, MINOR HEMATITE AND 10% Pg.											
	127.0	130.2	SAME & AS ABOVE BUT LESS QTZ.											
- 366-116	130.2	136.0	DACITE WITH MINOR SILICA VIENLETS.					09		0.002				
TORONTO	1360	136.9	SERECITIC PACITE WITH ALTERED HEMATITE	8720		136.0	130.7	0.7						
HDGES -	136.9	144.0	SILICIOUS DACITE, MINOR EDIDOTE SWIRLS							-				
LANGF			AND QTZ UIENS.										-	
				<u> </u>							l			

FORM 2

SFORM 2

NAME OF PROPERTY_____

SHEET NO. 5

FOOT	TAGE				SAMPL	Ē			ASS	AYS		
FROM	то	DESCRIPTION	NO.	SULPH	FPOM	FOOTAGE TO	TOTAL	•	• , oz	TON	OZ TON	
144.0	1924	SAME AS BEFORE BUT MORE SERECITIC	8721		144.0	146.4	2.4		N	:2		
•	163.0	FROM 156.7 -157 AND HEMATITE ALTERATION	8722		151.8	153.5	1.97		10	L		
		AT 159. BASICALLY A MAFIC ROCK	8723	5	156.7	157.0	0.3		۸ ۸	;, L		
	180.5	LOW MACNETICS.	8724	2	159.0	159.7	0.7		تم	. L		
163.0	170	Dach grey volcanic roch ats and park silvie	8729	ł	163.0	169.0	6.0		N.	: L		
		material 10%. By in various levethe.	8726		169.0	170.3	1.3		0.0	02		
		Few Lematite blebs in ground mass	9727	Ľ	178.0	179.0	1.0			12		
len -		the min at initia	87.28		187.7	190.5	2.008		نہ ا	· i		
180.5	187.7	CREEN-GRE, VOLCANIES WUR MICH POPOL	8729	>	222.0	22 3.0	1.0		-ئر	iL		
187.7	1905	50% gtg & silicie naterial in green greg grandmass Low magnetice.										
190.5	2370	GREEN-GREY VOLCANICS. MINOR 95 + Lematite										
	2929		637		237.0	728.4	1.4		۸ I) : L		
237.0	20834	SAME AS ABOUE BUT & For at 24.1.	8730			-201	0.04		۸			
89		Noted 770 = ++	12731		247.7	270.	0.6		0.:	202		
366-11		20% P	8736	z	2520	256.8	1.0		×	11L		
			8733		255-0	771.7			×	16		
0 292.0	330	GREEN-GREY VORCames becoming more	275	Į	278.3	279.8	1.5		<i>~</i>			
JES -		fractured 1% py with minor at viens.	8736	;]	285.0	286.0	1.0		N	12		
AGRID		along gt + hematite seans	873	7	295.5	300~5	5.0		1 1	שיו		
S		low magnetice										

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FORM 2

NAME OF PROPERTY_____

HOLE NO. _____ SHEET NO. _____

FOO	TAGE				SAMPI	LE		ASSAYS						
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL		-	OZ TON	OZ TON	<u> </u>		
330	367.	GREEN-GREY volcanics not as bady fractured. [190 Pg 4090 gtg at 332-332.8 Silicie with 95 vientete and some lematite. 351-352-6 40% gtg with black silicie natural intermined.	8738 8739 8740 8741		3 <i>0</i> 0.5 332.0 351.0 367.0	306.5 332& 352,0 372,0	6.0 0.8 1.0 5.0			0.33.2 NIL NIL C.CCE				
367	369	Transition zone - volcanice more altered and tending to a flow.												
3690	390	Sectiments - figgetured, breccisted silicic pinhial gray tinted rock petbles noted in few spots. Much broken core. 2'LC at 377-379. 3%	8742 8743 8744 8744 8745 8746 8747	-	3720 401.3 407.0 4220 453.0 470.0	377.0 401.6 409.0 427.0 457.5 474.5	5.0 0.3 2.0 5.0 4.5 4.5			0.005 Niu 6.007 0.007 Niu Niu Niu				
LANGRIDGES - TORONTO - 366-1168		GREENISH ROCK with poor foliation with a granitic texture in some pote. More subscriptication at 402' lould be a gruss Epidote vicalite roted at 55°CA. Jesper bleb at 444.												

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FORM 2

NAME OF PROPERTY_____

HOLE NO. _____ SHEET NO. 7

FC	OTAGE	DESCRIPTION			SAMPL	_E				ASSAYS		
FROM	то		NO.	SULPH	FROM	FOOTAGE	TOTAL	7	*	OZ-TON	OZ TON	
447	517.	More makic now. Germinh grey with minor	8748		491.7	494.8	3.1			N:L		
		gt views few grantic blebs roted and minor	8749		504.5	507.0	2.35			0002		
	\$20	Rematite. nedium magnetics.	8750		513.0	517.0	4.0			Ait		
517	58	Transition zong (scaswache?)	8751		524.0	528-5	4.2			0.01		
520	558	clasurache mil al with the sediments.	8757		3 53.9	554.5	0,6			0.002		
50		stretched well foliated. Possible a	8753		542.2	543,5	1.5			0.007		
		schist or gneiss	8754		557.0	562.0	5.0		•	J.L		
			8755		562.0	567.0 TE	50			0.00		
558	6 567.	Dank selectors roch.	8756		WAST	12						
56	7	FOH										
			l					ļ				
				3								
								ł				
1168												
- 366-												
NTO												
TORC												
GES -												
NGRID												
۲												
	<u> </u>	1	1	1	1	1	1			1		

FOOT	AGE	Total length : 409 ft. Logged by: 0.01 iver Sapt \$183			SAMPI	_E				ASSAYS	
ROM	то	Collored Sept. 3/85 Completed Sept 5/83	NO.	T SULPH	FROM	FOOTAGE TO	TOTAL	~,	-;	02 TON	OZ TON
0.0 10.0	10.0 250	CASing very fine grained greenich-grey volcanic roch. minor epidote and hematite view with <190 pg. very minor of views.									
.5.0	5 0.0	Same as above but nove at and epidote vens. Some colsite examing. <190 B	8757		42.5	43.8	1.3			NIL	
\$.0	69.0	Same rock (dacte) but becoming more silicious with more ats viening and blibs appearing minor pyrite associated with this wisgs lematite viens.									
69.0	88.0	very fine groundmass with the viewing and minor calcite. Some limetite of a minor occurance is associated with some qty views. Magnetics very from a low to medicin range.			· · · · ·						
88.0	106.0	Still a fine grained groundinans (greenish-gres)	8758		91.0	96.0	5.0		NIL		
	1	to the to the	8759	7	96.0	96.8	2.8	1	NºL.	1	

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FORM 2



FORM Z

JIAMOND DRILL RECORD

NAME OF PROPERTY.

HOLE NO. 83-82 SHEET NO. 2

FOO	TAGE			-	SAMPL	_E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	5	7	OZ TON	OZ TON	
106.0	12.30	Volcanics with a green-grey ground mass Becomes more fractured and brecciated at 1120. Novi silicions and calitie searing. Alight faulting action at 117.0. Rematite stringer intermised with qtg.	8761		106.0	107.7	1.7			K.L		
127.0	147.0	2190 Py. <u>CONTRET</u> abrupt change to sedimente. 127-130 is more of a pebble applomerate with distinct pebbles visible in the matrix. Pebbles range from micro size to 4" and range in color from sellow - dark pren. Winor hematite views in this section. FB 130-147 are a more aniformed metaschinente indicating extensive folding. action. A 2" bleb	841.5 8 446		127.0 130.0	1320 134:0	3.0 4.0			0.002 c 1002		
LANGRIDGES - TORONTO - 366-1168	164.0	conterted laminations and sange in color from white, yellow, seen - brown. No sulfider noted- Metasechiments. Same as above with contacted laminations.										

FC	OTAGE	DESCRIPTION			SAMPI	-E		1	 ASSAYS	<u></u>	
FROM	то		NO.	SULPH	FROM	FOOTAGE	TOTAL		OZ TON	OZ TON	
164	0 1860	Sedimente have lost contaction approxance									
		and is nove uniform row with very fine									
		laminations. tolar is sellow - dark green -									
		supposed are not roled. Merdining in 4.5.5.5.									
186	0 207.0	Sedments with minor contorting and alteration									
		at 187: Jusper bleb at 201. Gran laminations									
		are slightly larger than the red.									
		Otherwise, fairly uniform in resture.									
207.0	226.0	Sidiments taking on a more greissic-schirt									
		appearance. Large carbonate seen at 207.6.									
		ap 21.						l			
ŽZ6 (246.0	Grassic look becoming more of a polymictic									
		confomerate. Cramtic texture cobbles up									
ł		to 23" appearing row. Aty viens 70°CA									
6		are limited and the overall have is more									
66-116		of a grien color. No magnetics									
110 - 3		Oly minor Jasper blebs in the maluix.									
10HOI 246	02650	(and)									
DGES -		some as above with readish linked							-		
ANGRIC		novoles -						مىر مە	с ^у		
		April 199		-	~						

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NAME OF PROPERTY_

HOLE NO.

83-B2 SHEET NO. 4

F00	TAGE	DESCRIPTION			SAMP	LE			ASSAYS		
FROM	то		NO.	SULPH	FROM	FOOTAGE	TOTAL		OZ TON	OZ TON	<u> </u>
265.0	Z84.C	Metasedimente now taking on a bluish-grey oppearance Comiting twiture cobbles are									
		nou plaitiful and up to 42' in size. Very fine carbonate viening of up to f.									
Z84.0	302.0	No sulphides roted. Hordness is c.p. 5. Greenisk tisted sediments with more visable									
		uniform laminating. This could roted. Alightly more of and carbonate viening. One jaspen bleb at 285.									
3 07.0	318.0	Adiment lamination more distinct. Minor cobbles and similar to above									
3i8.0	340.0	Same as above. Fine lamination. Two colles noted . Hiron carbonate viens. Creanist the triated groundmass with some larger green	8 762		327.0	330.4	3.4		0.005		-
3 <i>40.0</i>	359.0	Adiments starting to take on an altered contented appearance. More carbonatics than above. Minor paper and no colles. No sulphides.									
			er S	95. 1							
DIAMOND JKILL RECORD

1168

NAME OF PROPER

HOLE NO. 83-82 SHEET NO. 5

F00	TAGE	DECONDENSI			SAMP	LE				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOCTAGE	TOTAL	7	•	OZ TON	OZ TON	
359.0	378:0	Creenish sediments with one large 4 2' granitic texture cobble. Lominating is still contacted with minor qt view Few jespen blebs.										
378.0	397.0	Green tinted sediments have lost closes all laminated appearance. There now of a green groundenase with clasher green	8 7 63		387.8	390.9	3.i			0.002		
		blibs and more cabbles now up to 3". Japa bleb of 2" at 382'. 3878-390.3 contains a st and carbonate										
		vien Contonate is reddich white. No sulfictes. Hordress 5-51										
397.0	407.0	Sedements lowing all appearance of lamination. Greenich blebs with a few cobbles up to 24" in size. One mion gtz view of 4".										
407.0	409.	Roch starting to take on a volcanic appearance. Dout ground mass, but sediment bleba still	8764		407.0	4090	Z.0			0.002		
		to mineralization and a hardness of 52-6.	8765		Sero	p				0.002		
4 09.0	2	EOH								-		
		Instant had a she be all sales and all had been	T	T					· .			

FOOTAGE TO TO TO TO TO TO TO TO TO TO	Total Length, 118 ft. Legged By DESCRIPTION Elevation, 17 ft obove On Claim CASING Surri-strum VERY Fire grained greenish-gres Minor epidate and hematite.	H Mafic (DACITE)	NO. 1	SAMPL SULPH DES FROM	-E FOOTAGE TO			ASSAYS	
то 20 10.0 0 25.0	Elevation, 17 fi obcie On Claim CASING Succert-strong VERY Fine grained greenish-gres Minor epidate and hematite.	# mafie (DACITE)	NO. 5	SULPH DES FROM	FOOTAGE TO				
0 10.0 0 25.0	CASING " + 1+30N VERY Fire grained greenish-gres Minor epidote and hematite.	mafic (DACITE)			A	TOTAL		OZ TON	UZ TON
0 25.0	VERY Fire grained greenish-gres Minor epidote and hematite.	mafic (DACITE)	1 1						
	very low to no magnetice.	es fracture							
.0 47.0	Same as above but epidote is in the roch.	nor imprograted							
0 53.0	Roch becomes more fractured we as fillers 3 go /y.	Th at and hematite	8766	47.8	53.0	5.4		,kii∠	
0 630	Volcanics becoming more silie 57.0-58.3 contains 70% 85 possably galera? Still greenish minor hematite.	site 5-290 /2 - sies with	8767 8768 8769	53-0 57-0 58-3	57.0 58.3 63.0	4.0 1.3 4.9		NIL 0.02 6.002	
0 73.0	fractured sry roch with hem as fillers . 65'-67' 15-20% . by tremely weathered looking .	stite, etz. 3 senate	8770 8771	63.0 67.5	67.5 73.0	4.5 5.7		NIC NIC	
30 85.0	730-735 are inch gtz band dong sides. Pyrite cubes i In general a green trited due to improgration of eps Minor seams of lematite at ~ 190 Py. Low to medicing	with bonatile esable volcanic idote, 50°CP.	8772	73.0	73.5	0.5		c.X5	
	0 47.0 0 53.0 0 63.0 0 73.0 73.0 85.0	 47.0 Same as above but epidote is in the rock. 53.0 Rock becomes more fractured with as fillers 3 % / y. 630 Volcanics becoming more silver 57.0-58.3 contains 70.90 85.7 posselly galera? Still greenish minor hematite. 730 Fractured sug rock with hem as fillers. 65'-67' 15-20% for the second possel of the second post of the second post of the second a green twite of the second a green twite of the second a green twite at 1.90 kg. Low to medicin medicin 	 47.0 Sime as above but epidote is more imprograted in the rock. 53.0 Rock becomes more fractured with gt and homatile Da fillers 3% /2. 63.0 Volcanics becoming more silvinger is sate in the state of the second part of the second part	 47.0 Seine as above but epidote is more imprograted in the rock. 53.0 Rock becomes more fractured with at and hematite 8766 as fillers 3% by. 630 Volcanics becoming more silvions 570-58.3 contains 70% 85 15-20% B, posselly galera? Still greinish-grey with minor hematite. 730 Freetweed gry rock with hematite, gts. as fillers 65'-67' 75-20% B seinete. 8770 85.0 730'-735' are rich of bend with homatite clong sides. Pyrite cubes verselle. In general a green tuited volcanic due to improgration of epidote. 8772 (190 by. how to medicin magnetica) 	 47.0 Sime as above but epidote is more imprograted in the rock. 53.0 Rock becomes more fractured with 25 and hematite 8766 47.8 De filler 3/0/2. 63.0 Volcanics becoming more almospic 57.0-58.3 contains 70% 25 15-20% 25 8767 53.0 posselly galera? Still greenist-gree with 8769 58.3 73.0 Fractured gry rock with hematite, 25 are fillers. 65-67' 15-20% B seinete. 8770 63.0 Ritemely acothed looking. 73.0 Fractured gry rock with hematite, 25 are fillers. 65-67' 15-20% B seinete. 8771 63.0 87.0 730' 73.5' one sich for hematite. 8771 63.0 85.0 730' 73.5' one sich for bend with hematite clong side. Prite cuber visielle. In general a green trited volcanie of extended. Ritematite at 50°CP. 6.7.6 J. Kow to medicin magnetice. 	 47.0 Seine sa above but exident in more imprograted in the rock. 53.0 Rock becomes more fractured with sty and hematic 87%6 47.8 53.0 63.0 Rock becoming more silving to a silving the state 87%7 53.0 57.0 58.3 contains 70% sty 15-29% 57% 57% 58.3 63.0 57.0 58.3 posselly galva? Still greensh-gry with 87%9 58.3 63.0 73.0 Fractured gry rock with hematic, sty. as fillen. 65-67' 75-20% 55 servete. 87%7 63.0 67.5 73.0 73.0 Fractured gry rock with hematic, sty. 63.0 67.5 73.0 85.0 T30'-735' are rich sty band with homatic. 87%7 67.5 73.0 85.0 T30'-735' are rich sty band with homatic. 87%7 73.0 85.0 T30'-735' are rich sty band with homatic. 87%2 73.0 73.0 T30'-735' are rich sty band with homatic. 87%2 73.0 73.0 T30'-735' are rich sty band with homatic. 87%2 73.0 73.0 T30'-735' are rich store vestele. 10 general a green trick roles vestele. 11 general a green trick roles vestele. 12 general a green trick roles vestele. 13 general a green trick roles roles a green trick roles roles roles a green trick roles roles roles roles a green trick roles ro	 47.0 Seeme as above but epidote is now imprograted in the rock. 53.0 Rock becomes more fractured with of and hematit 8766 47.8 53.0 5.4 6 63.0 Nolcanics becoming more alivious 570-58.3 contains 7030 85 15-2070 5 876 53.0 58.3 1.3 posselly gales? Still greenid-gag with 8769 58.3 63.0 4.9 6 73.0 Fractured sry rock with lematite, st. 8769 58.3 63.0 4.9 73.0 Fractured sry rock with lematite, st. 8770 63.0 67.5 4.5 63.5 73.0 5.7 85.0 730'-735' ne rick of board with lematite clong sides. By the curve with lematite in general a green the volcemine 8772 73.0 73.5 0.5 85.0 730'-735' ne rick of board with lematite clong sides. By the curve with lematite in general a green the of contains 73.5 0.5 	 470 Sime as above but epidote is more imprograted in the rock. 53.0 Rock becomes more fractured with gts and tematit \$746 47.8 53.0 5.4 6 63.0 Volcances becoming more silvious 57.0 58.3 containe 7070 gts 15-2070 gts 77.0 58.3 1.3 proceeding galax? Still greened - greg with \$747 58.3 63.0 4.9 6 73.0 Fractured sup rock with hematite, gts. and filler 65'-67' 15-2070 gts silvet. \$747 58.3 63.0 4.9 6 73.0 Fractured sup rock with hematite, gts. and filler 65'-67' 15-2070 gts silvet. \$747 58.3 63.0 4.9 73.0 Fractured sup rock with hematite, gts. and filler 65'-67' 15-2070 gts silvet. \$747 58.3 63.0 57.5 4.5 and filler 65'-67' 15-2070 gts silvet. \$747 63.0 57.5 4.5 and filler 65'-67' 15-2070 gts silvet. \$747 63.0 57.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$747 63.0 57.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$747 63.0 57.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$747 63.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$747 63.0 67.5 4.5 and filler 65'-67' 15-2070 gts silvet. \$770 63.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$771 63.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$771 63.5 73.0 5.7 and filler 65'-67' 15-2070 gts silvet. \$772 73.0 73.5 0.5 and \$73.0 5.7 and \$	 47.0 Same as above but spiclote is more imprograted in the rock. 53.0 Rock becomes more fractured with of and hematit 8766 47.8 53.0 5.4 With as fillen 3% by. 63.0 Volcance becoming more silvering for a silvering to the source of the source

NAME OF PROPERTY	proch bank
HOLE NO. BE	23 SHEET NO

FOOTAGE				SAMPI	-E				ASSAYS		
FROM TO	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	:	-	0Z/TON	OZ TON	
85.0 82	SAME as above Niner Sematite blebs and imprograted with spidote.										
92.0 107	very dense grey rock. minor epidote as viens 60°CP. Andasitic composition. 92.6-94.6 has 10% by E. diss.) 97.5-97.9 is more silicione containing a large of even with hematite and prite cubes. 105.0-106.3 contains 5% by and minor specular.	8773 8774 8775		92.6 97.5 105.0	94,6 97.9 106:3	2.0 0.4 1.3			0.005 0.03 N.L		
1070 118.	Alense sieg woch with very fine view of hematite, gts and epidote. Low to medium nagnetics Hardness of 5-5.5.	8776 8777 8778		107.7 111.4 500 mate	111.4 111.8 P	3.9 0.4			NiL O.O.I JUIL		
LANGRIDGES - TORONTO - 368-1168											

NAME OF	- PROP	ERTY BROOKBANK	GE		ZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO. <u>8.</u> 3	<u>-84_</u> SH	IEET NO
OLE NO	83-	-B4 LENGTH 295.0 feet							REMA	rks <u>BO</u>	1 7/	16"
0C A T 101	MET	TALORE RESOURCES LTD. 295.	<u>- 0</u>	34		 	·					
	<u> </u>	+00W DEPARTURE										
EVATIO	DN	013 AZIMUTH 342 DIP40										
ARTED	Ser	pt. 6'83 FINISHED Sept. 8'83				II			LÖGGE	D BY	DUN U	
									Π		BO, KOLA	
	AGE	DESCRIPTION		Į	07	5 A M	PLE		∥	,'		, <u> </u>
FROM	то			NO	SÚLP	FROM	TO	TOTAL	76	%	OZ/TON	OZ/TON
0.0	4.0	CASING									Au	Ag
4.0	6.0	Slightly fractured siliceous fine-grained greyish vol- anic. Dacitic composition. Very fine-grained impreg- nation of hematite and less than ½% PYRITE.	c- -	877	9	4.0	6.0	2.0			0.07	0.06
5.0	8.0	Highly fractured silicic reddish rock (volcanic)-more an andesite in composition. Generally, an altered stretched breccia. 2-5% PYRITE (very fine-grained) associated with quartz veinlets as seam enclosures or impregnations.	of	878	0	6.0	11.	5 4.0 (LC1.5			0.005	
.0	13.0	Reddish breccia as above. 40% silicic material. Loca up to 5% PYRITE.	lly	878	1	11.5	13.0) 1.7			0.02	
.0	17.0	Greyish-brown mildly foliated volcanic. More carbona enriched than above with a loss of reddish silicic material. Less than 1% PYRITE. Weakly magnetic.	te	878	2	13.0	18.0	4.5 (LC0.5			0.02	
.0	27.0	LC 2.5'. More of a stretched breccia now with a re- introduction of more silica. Slightly reddish grey in appearance. Hardness 6.5. Highly fractured. One PY seam (3mm) at 25.0', otherwise 2% disseminated.	n RITI	878	3	23.0	25.0	2.0			0.03	0.02
.0	29.0	LC 2.5'.Mildly fractured light brownish grey rock. Maguartz seamlets. Less than 1% PYRITE. Weakly magnet:	ino: ic.	878	4	25.0	29.0	4.0			0.002	
.0	37 . 0	Slightly reddish-grey brecciated volcanic.Locally very fine foliation. Highly silicic and fractured with qua as a filler. More of an andesite in composition. Wea magnetic. Hardness app. 6. PYRITE 1-2%	y art: akl <u>y</u>	878 878 7	5 6	29.0 31.0	31.0	2.0			0.002 Nil	•

FORM 1

<u>.</u>

NAME OF PROPERTY	BROOKBANK
HOLE NO. <u>83-84</u>	LENGTH
LOCATION	
LATITUDE	DEPARTURE
ELEVATION	AZIMUTH DIP
STARTED	FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTI

HOLE NO. _____ SHEET NO. _____

REMARKS

LOGGED BY

FOO	TAGE				SAMP	LE				SSAYS	
FROM	то	JESCRIPTION	NO.	SULPH-	FROM	FOOTAGE TO	TOTAL	36	75	OZ/TON OZ/TON	
37.0	44.0	Greyish-green-brown to red volcanic somewhat brecciated. 1" quartz vein at 38.0', less than 5% PYRITE. Locally 5% pyrite is associated with quartz and hematite. Gen- erally, 2% PYRITE throughout. Weakly magnetic. Locally up to 5% epidotization.	8787 8788		37.0 40.5	40.5 44.0	3.5 3.7			An Nil 0.002	
44.0	48.5	Fine-grained groundmass reddish-grey in colour, brecciat- ed. Very silicic and fractured. Locally 5% PYRITE. Otherwise 1-2% associated with quartz and hematite. Minor quartz staining to a brownish colour due to impur- ities. Severe weathering at 44.0-44.5 to brown.	8789		44.0	48.5	4.5			0.002	
48.5	50.0	Greenish fine-grained volcanic , tending toward an and- esitic composition. Weakly magnetic with quartz seamlets of less than 5%. PYRITE less than 1%. Somewhat tuff- aceous in appearance.	8790		48.5	50.8	2.3			Nil	
50.0	53.0	Same as above fine-grained greenish volcanic. Siliceous mildly fractured. Weakly magnetic. PYRITE is less than 1%. Hardness of 6.	8791		50.8	53.0	2.4			Nil	
53.0	60.0	Same as prior to 53.0'. Fine-grained greenish volcanic. More quartz seamlets of approximately 3mm appearing now. Quartz is slightly red in colour. PYRITE is less than 1%. At 58.9' rock is becoming increasingly brecciated downhole.	8792 8793		53.0 55.0	55.0 60.0	2.0 5.0			Nil Nil	
60.0	71.0	Rock is now somewhat schistose in appearance and is greyish-brown to red in colour. Generally a breccia (siliceous). Weakly magnetic and PYRITE content less than 2%.	8794 8795 8796		60.0 63.5 67.5	63.5 67.5 71.0	3.5 4.0 3.7			0.002 0.01 0.005	
71.0	89.0	Contact with fine-grained greenish chloritic volcanic. Dacitic composition. Numerous quartz-carbonate veins.									

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NAME OF PROPERTY	BROOKBANK	
HOLE NO83-B4	LENGTH	
LOCATION		
LATITUDE	DEPARTURE	
ELEVATION	AZIMUTH	DIP
STARTED	ENVIOUED	

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTI

HOLE NO. _____ SHEET NO. ____

REMARKS

LOCATIO	DN											
LATITUC)E	DEPARTURE										
ELEVATI	ION	AZIMUTH DIP							LOGGE			
STARTE	D	FINISHED			4	· · · ·			LOGGE	<u> </u>		
FOO	TAGE					SAMP	LE			A	SSAY	s
FROM	то	DESCRIPTION		NO.	SUL PH	FROM	FOOTAGE	TOTAL	76	%	OZ/TON	OZ/TON
		Less than 38 PYRITE as fillings in veins. Hardne weakly magnetic.	şs 5-5	5,	1000						Au	
89.0	95.0	Rock is same as 71.0-89.0' except pink-carbonate (at 92.0-93.0. Less than 1% associated PYRITE.	calcit	e) 879 ⁻	7	92.0	93.0	1.0			Nil	
95.0	100.0	Rock is mafic but more siliceous with 5% PYRITE. moderately fractured with quartz fillers.	It is	879 879	8 9	95.2 96.5	96.5 100.3	1.3 3.10			Nil Nil	
100.0	110.5	Greenish volcanic with quartz-carbonate fracture Locally in zones of 3" shows distinct foliations. 104.0' and 104.6-106.5' have 5% PYRITE. Overall than 2% PYRITE.	fillin 102.0 is les	gs 880 - 400 s	0	102.0 105.0	104.0 106.5	2.0 1.5			Nil 0.002	
110.5	130.0	Chloritic greenish soft fine-grained volcanic. Moveining of carbonate (112.0-113.6') has more silication 2-3% PYRITE. Overall is less than 1% PYRITE.	oderato ca and	e 400	2	112.0	113.5	1.5			0.002	
130.0	144.0	Chloritic, greenish fractured fine-grained volcan quartz-carbonate fillings. Becomes increasingly iated downhole at 144.0'. PYRITE is less than 1% iation is 70° to core axis. Very minor hematization than 1%) within the quartz veins.	ic wit fol- . Fol- ch(les:	h - s								
144.0	173.0	An altered flattened agglomerate (volcanic origin Light yellow-grey in colour showing various width irregular foliation (probably flattened pebbles) PYRITE seam at 150.2' and a large quartz vein at 165.0'. No visible associated PYRITE. Almost gra- in appearance. Many fragments (2-3mm) visible. 3 icitic.	n). s of ¼" , 164.6- eissic 0% ser	844 400 400 400	7 3 4 5	152.0 151.2 164.8 165.4	156.0 151.5 165.0 165.6	4.0 0.3 0.4 0.2			0.005 0.002 0.002 0.002	
•		icitic.										

FRM 1

V

5. - F

	NAME O	F PROP	ERTY BROOKBANK	OOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE NO.	SHEET NO.	_4
	HOLE N	o	_83-84 LENGTH							REMARKS		
	LOCATIC LATITUD ELEVATI STARTED	ON ON D	DEPARTURE DIP							LOGGED B	·	
	FOO	TAGE					SAMI	PLE			ASSAYS	
	FROM	то	DESCRIPTION		N		FROM	FOOTAC	E TOTAL	76 5	6 OZ/TON OZ/TON	
	173.0	177.0	Contact of METASEDIMENTS. Slightly foliated tuff 40% quartz. Associated PYRITE is less than 1%. I greyish yellow in appearance.	with ight	4(007	173.1	176.	.2 3.1		0.005	
×	177.0	191.5	METASEDIMENTS-tuff like appearance. Sericitic wit visible foliation or laminations 65-75°to core axi Some yellowish bands are 3mm in width. Hardness o	h s. f 5-5	₹.	008	178.7 179.6 180.10	178. 179. 181.	. 11 . 10 . 0		Nil	
	191.5	210.5	Same as above(tuff like with laminations). Jasper at 192.0'. Two minor quartz veins at 198.5' and 2 with a width of 1-1½". In general the rock is sof light grey-brown-yellow in colour with uniform lam inations. Sulphides are less than ½%.	bleb 07.7' t,								
	210.5	230.5	Metasediments. Sericitic, alomost fine lamination locally, otherwise irregular. 30% guartz from 216. Associated PYRITE is less than ½%. Colour is yell green and has a hardness of 5. Various small (2mm jasper blebs noted in four locations. More tuff-1 than 228.0-229.5.	owish ovish) .ike	. ó. ⁸⁴	148	215.0	217.	.5 2.5		0.002	
TO - 366-1168	230.5	249.5	Same as prior to 230.5. Metasediments showing irr flattened laminations. 1" jasper at 232.3. Seric greenish yellow in colour. Hardness of 5. Very f laminations locally, quartz 35% at 245.0' but no v PYRITIZATION. Total PYRITE content is less than $\frac{1}{2}$	egula itic, ine isibl	r							
LANGRIDGES - TORON	249.0	269.0	Metased iments as above. Yellowish green, irregul regular fine laminations. Jasper blebs up to 4mm in various locations. 5" quartz vein at 255.4-255 Related PYRITE is less than 1%. Total PYRITE con is less than ½%. Hardness of 5. Some laminations probably flattened pebbles due to their irregular 40% guartz from 257.0-258.0 less than 1% PYRITE.	ar to noted .8. tent are shape	4 (84	006 149 ½	255.3 257.2 258.8 259.0	255.9 258.0 258.3 264.0) LO) 5.0		Nil 0.005	

FORM 1

FORM 1

NAME OF PROPERTY	BROOKBANK		FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	
HOLE NO83-B4	LENGTH								RE
LOCATION				<u> </u>					
LATITUDE	DEPARTURE	······		{	<u> </u>				1
ELEVATION	AZIMUTH	DIP		 					
STARTED	FINISHED		L		J			L	LOG
				II.					

HOLE NO. _____ SHEET NO. ____

EMARKS_____

AGE				SAMP	LE			A	SSA	YS
то		NO.	SUL PH-	FROM	FOOTAGE TO	TOTAL	36	×	OZ/TON	OZ/TON
288.0	Metasediments: As above but more tuffaceous in texture from 270.0-274.0'. Sericitic yellowish green with flattened to fine laminations. Minor jasper bleb.s (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5'. PYRITE content is less than $\frac{1}{28}$.	8450 8451	1	274.5 282.0	278.0 287.0	3.7 5.0			0.002 Nil	
295.0	Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0-295.0. Volcanic waste fragment of 3mm noted at 290.5. Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5.	8452 8453		287.0 290.0	290.0 292.5	3.0 2.5			0.01 Nil	
-										
	A G E TO 288.0 295.0	AGE TO 288.0 Metasediments: As above but more tuffaceous in texture from 270.0 ⁻ 274.0 ⁺ . Sericitic yellowish green with flattened to fine laminations. Minor jasper bleb's (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5 ⁺ . PYRITE content is less than ½%. 295.0 Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0 ⁻ 295.0. Volcanic waste fragment of 3mm noted at 290.5 ⁺ . Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5.	AGE TO DESCRIPTION NO. 288.0 Metasediments: As above but more tuffaceous in texture from 270.0'-274.0'. Sericitic yellowish green with flattened to fine laminations. Minor jasper bleb is (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5'. PYRITE content is less than ½8. 295.0 Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0'-295.0. Volcanic waste fragment of 3mm noted at 290.5'. Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5.	AGE TO DESCRIPTION No. Suger AGE TO 288.0 Metasediments: As above but more tuffaceous in texture from 270.0 ⁴ -274.0 ¹ . Sericitic yellowish green with flattened to fine laminations. Minor juartz veinlets of 3mm at 270.5 ¹ . PYRITE content is less than ½8. 295.0 Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0 ⁻ 295.0. Volcanic waste fragment of 3mm noted at 290.5 ¹ . Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5.	AGE DESCRIPTION SAMP 70 NO. SUPER NO. SUPER 288.0 Metasediments: As above but more tuffaceous in texture from 270.0'-274.0'. Sericitic yellowish green with flattened to fine laminations. Minor jasper bleb.s (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5'. PYRITE content is less than ½8. 8451 1 282.0 295.0 Same as former metasediments. Irregular laminations , flattened, more tuff like appearance from 293.0'-295.0. 8452 287.0 Volcanic waste fragment of 3mm noted at 290.5'. Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5. 90.0	A G E TO DESCRIPTION S A MPLE 10	A 6 E DESCRIPTION SAMPLE 70 NO. \$274.0'. Sericitic yellowish green with flattened to fine laminations. Minor jasper bleb,s (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5'. PYRITE content is less than ½8. 8450 274.5 278.0 3.7 295.0 Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0'-295.0. 8452 287.0 290.0 3.0 green in colour. Hardness 5. 9 9 1 292.5 2.5 5.5	A G E DESCRIPTION SAMPLE 70 Substance FROM TO TOTAL \$ 288.0 Metasediments: As above but more tuffaceous in texture from 270.0°-274.0°. Sericitic yellowish green with flattened to fine laminations. Minor gaper bleb is (up to 2mm) noted in a few locations. Minor quartz veinlets of 3mm at 270.5°. PYRITE content is less than ½8. 8450 274.5 278.0 3.7 285.0 Same as former metasediments. Trregular laminations, flattened, more tuff like appearance from 293.0°-295.0. 8452 287.0 290.0 3.0 295.0 Same as former metasediments. Irregular laminations, flattened, more tuff like appearance from 293.0°-295.0. 8452 287.0 290.0 3.0 green in colour. Hardness 5. Yellowish green in colour. Hardness 5. 453 290.0 292.5 2.5	A G E DESCRIPTION SAMPLE TO NO. \$2600 FORM TO TOTAL \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	A G C DESCRIPTION SAMPLE A S 5 A TO DESCRIPTION NO. 3% PLC A S 5 A 288.0 Metasediments: As above but more tuffaceous in texture from 270.0-274.0°. Sericitic yellowish green with flattened to fine laminations. Minor juartz veinlets of 3mm at 270.5'. PYRITE content is less than ½%. 8450 274.5 278.0 3.7 0.002 295.0 Same as former metasediments. Irregular laminations , flattened, more tuff like appearance from 293.0-295.0'. Volcanic waste fragment of 3mm noted at 290.5'. Minor fracture fillings of pyrite less than 1%. Yellowish green in colour. Hardness 5. 8452 287.0 290.0 3.0 0.01

FORM 1

NAME O	F PROP	ERTY BROOKBANK FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO. <u>83</u>	<u>-В5</u> эн	EET NO	1
HOLE N	o. <u>83</u> .	-B5 LENGTH 197_feet	20					REMA	RKS_	<u>BO 1 7</u>	/16"	
LOCATIO	N ME	TALORE RESOURCES LTD.			\parallel							
LATITUD	E	+00W DEPARTURE			╫───┤							
ELEVATI	ON	AZIMUTH 342 DIP -40		<u></u>	H					PENTT 1	LASSTLA	
STARTED	Sep	t. 8 '83 FINISHED Sept. 9'83	l	<u> </u>	<u>11</u> 1		J	LOGGE	D BY	- R V.		pre
FOO	TAGE				SAM	PLE	-	1		ASSAY	S	
EROM		DESCRIPTION				FOOTA	GE					
				IDES	FROM	то	TOTAL	/0	%	02/100	02/10N	
0.0	56.0	Meta-andesite to meta-basalt. Massive fine-grained grey green mafic volcanic, mainly less than 25% feldspars (75%) mafic minerals. Weakly to moderately laced with irregular thin seamlets, wispy patches and locally saussaritized feldspar phenocrysts (3mm). Weakly very finely fractured. 2-5% variably oriented calcite seaming commonly enveloped with thin (3mm) hematitic seams, with associated minor disseminated pyrite. Weakly chloritize mainly along fractures. Also locally very weakly silicified. Locally weakly magnetic. 45-56' verv distinct wispy selashes of epidote and epidot ized feldspar crystals form a light greenish-spotted tex ture. Increasingly silicic downhole from 52-56'.	40 40 a	10	14.0 30.0 34.0 38.5 42.0 47.0 50.0	14. 30. 34. 39. 42. 47. 51.	5 4 3 1 8 2.1 6			Nil 0.ll		
56.0	62.5	Metavolcanic: fine-grained grey moderately fractured, mo erately silicified (approaching dacite composition), moderately irregularly foliated, volcanic (no epidote). Variably injected with calcite, calcite-quartz, and quartz seams-veinlets (5-10%). Abundant orange-red hematitic silica associated with quartz veinlets. Variably abundant (½-5%) disseminated PYRITE; locally weakly magnetic.	a 40 40	12 13	56.0 61.1	57. 62.	0 1.0			0.26 0.002		
62.5	80.0	Metavolcanic as at 56-62.5' except less quartz-carbonate seaming (2-5%) in part only weakly fractured and very weakly foliated, locally faint epidoti_zation, rare hematite silica.										
LANGRIDGES - TO	88.0	Metadiorite, uniform unit, chloritic green moderately to well foliated, moderately-to well chloritized, fine-grai ed except for lath-like altered dirty-white feldspar crystals and segregations (phenocrysts-porphyroblasts) blended into groundmass (are also moderately-to very- calcareous).Minor 1-2% thin 1-5mm calcite seamlets.	40) n	14	87.5	90.	0 2.7			0.03		

Diamond Drill Record

4 2

BROOKBANK NAME OF PROPERTY.

83-B5

SHEET NO.

2

				н	OLEN	o. <u>83-</u>	-85	<u> </u>	SHE	EET NO	2		
	FOOT	TAGE	DESCRIPTION			SAMPI	Ē				ASSAYS	<u> </u>	
	FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	-	~.	OZ. TON	OZ. TON	
*	88.0	105.5	Metavolcanic(fractured, brecciated)similar to 80-88' but more silicic and more intensely fractured,1" part fault brecciated, variably foliated; moderately- to strongly- silicified; moderately- to heavily-injected with quartz- carbonate seaming and yellowish-grey to orangy-red flow foliated fragmental material-all quite calcareous. Very minor,less than ½% PYRITE.Moderately soft to hard.	4015 4016 4017 4018		90.0 94.5 97.3 101.5	94.5 97.3 101.5 105.5	4.5 2.10 4.2 4.0			0.005 0.04 0.002 0.002		
×	105.5	131.0	Main silicified zone:complex melange of fault breccia, foliated, extensively flattened fragmental and clastic material; variably injected with quartz and quartz-carbon- ate, in part extensi vely hematized (orangy-red).Minor 1% to locally abundant 10% disseminated PYRITE; sericitic (minor chlorite); appears to contain both volcanic and sed- imentary material-increasingly more sediment (extremely flattened polymictic pebble metaconglomerate) in downhole direction. Locally up to 3% SPECULARITE as fracture fillings (associated withe reddish brown hematitic silica).	4019 4020 4021 4022 4023 4024 4025 4026		105.5 108.0 111.0 115.0 118.5 123.4 128.0 131.0	108.0 111.0 115.0 118.5 123.4 128.0 131.0 133.8	2.7 3.0 4.0 3.5 4.11 4.8 3.0 2.8			0.01 0.06 0.16 0.08 0.005 0.005 0.005		
\times	131.0	138.5	Altered flattened, metaconglomerate. Extensively flattened altered flow foliated vary-coloured dark grey to pinkish lensy fragments, clasts? which may originally have been polymictic pebble conglomerate mainly of intermediate (grey) to silicic(white to pinkish) composition: minor silicic breccia.Minor ½% to locally massive lenticular clot-like seamlets of PYRITE. Well brecciated between 137.7 and 138.5.	4027 4028 4029		133.8 135.1 137.7	135.1 137.7 138.5	1.4 2 6 0.10			0.002		
ORONTO - 366-1168	138.5	161.0	Grey metafragmental:well foliated, flattened, lensy banded in part brecciated, flattened rock. In part appears to be brecciated grey volcanic material of intermediate composition, and in part extremely flattened flow foliated light to dark grey metaconglomerate mat- erial. Minor disseminated PYRITE and locally as thin stringers parallel to foliation. Weakly calcareous.	4030 4031 4032 4033 4034		138.5 145.0 147.5 149.5 152.0	145.0 147.5 149.5 157.0 157.5	6.7 2.5 2 0 2.7 5.5			0.002 0.01 0.01 0.005 0.002		
LANGRIDGES - 1	161.0	172.0	Mafic metasediment? Greenish lenticularly banded chloritic schist with quartz interbands up to lcm thick 5%; apparently a flattened metaconglomerate of mainly mafic compositon; weakly calcareous. Two narrow 8" sections at 162.0-164.0' compose quartz-feldspar and sericite with minor 1% PYRITE.	4035		162.0 164.0	162.8 164.8	1.4			0.005		

B

Diamond Drill Record

366-1168

LANGRIDGES - TORONTO

NAME OF PROPERTY_____BROOKBANK

HOLE NO. _

83-B5

SHEET NO.

FOOTAGE DESCRIPTION SAMPLE ASSAVS PROM to TO TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to TOTAGE to To TOTAGE to	• • •		• * *																		
red TO Formation Formation						DESCR								SAMPL	Ē				ASSAYS		
172.0 182.0 Mafic to intermediate metasediments. Same as 161-172' but the mafic components are more greyish and silicic. 1000 1001 1001 1001 1001 182.0 197.0 Practured flattened metasediment?Well foliated, extensivel, flattened, dark grey, light grey and felsic lensy bands (dark bands moderately chloritic) Approx. 50-70% felsic meterial. Appears to be altered, fractured, flattened peble metaconglomerate. Several sections (see sample location) with reddish-brown (hemat- itic) and whitish quartz lenses usually with associated 1036 182.0 186.3 4.3 0.002 EOH 001 195.0 196.0 1.0 0.005		7				DESCR	PHON					NO.	% SULPH		FOOTAGE		~		OZ TON	OZ TON	
182.0 197.0 Fractured flattened metasediment?Well foliated, extensively flattened, dark grey, light grey and felsic lensy bands (dark bands moderately chloritic; light bands servicitic) Approx. 50-70% felsic m=terial. Appears to be altered, fractured, flattened pebble metaconglomerate. Several sections (see sample location) with reddish-brown (hematritic) and whitish quartz lenses usually with associated minor 1-3% PYRITE. 182.0 186.3 4.3 0.002 EOH 038 192.7 194.0 1 5 0.005	0 Mafic to the mafi) Maf the) Mafic to the mafic	interme compon	diate m ents a	metased re more	iments greyi	s. Sa ish an	me as d sili	161-17 cic.	2'but		IDES	FROM	TO	TOTAL		*	A.		
EOH	0 Fracture flattene (dark ba Approx. fracture sections itic) an minor 1-) Fra fla (da Apr fra sec itj mir	Fractured flattened (dark band Approx. 5) fractured sections itic) and minor 1-3	flatte , dark ds mode 0-70% f , flatt (see sa whitis % PYRIT	ned me grey, rately elsic r ened po mple lo ch quar E.	tasedim light g chlori materia ebble m ocation tz lens	ent?We rey ar tic; 1 1. Ap letacor 1) with es usu	ell fo nd fel light ppears nglome h redd ually	liated sic le bands to be rate. ish-br with a	, exte nsy ba serici alter Sever own (h ssocia	nsivel nds tic) ed, al emat- ted	4036 4037 4038 4039		182.0 190.0 192.7 195.0	186.3 191.5 194.0 196.0	4.3 1.5 1 5 1.0			0.002 0.01 0.005 0.005		
				·											190.0						

12

<u>.</u>

NAME O	F PROP	ERTY BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO. <u>83</u>	<u>B6</u> s+	EET NO.	
HOLE N	o. <u>83</u> .	-B6 LENGTH 179_feet	179	-36	<u> </u>				REMA	rks <u>BQ</u>	1 7/	16"	
LOCATIO	м <u>МЕ</u>	TALORE RESOURCES LTD.		50									
LATITUD	E	DEPARTURE 1+255											
ELEVATI	ON	$\frac{2}{2}$ AZIMUTH162DIP40									DON OI	IVER .	
STARTED	ssep		······	·		······				<u>. вт</u>	68. Ko	nabki	
FOO	TAGE					SAM	PLE			A	SSA	YS	
FROM	то	DESCRIPTION		N		FROM	FOOTA	GE TOTAL	36	%	OZ/TON	OZ/TON	
0.0	4.0	CASING											
4.0	16.8	LC 2' at 10' location. Very siliceous altered be ed mafic volcanic. Fragments are stretched and ed. Could be more altered agglomerate than bree The rock is dark grey to reddish in colour. Dis ated PYRITE 1-2%. Abundant quartz veining and s is observed with an impregnation of hematite the It is weakly magnetic.	breccia distor cciated ssemin- seaming roughou	1t- 1. 1.									
16.8	28.2	Less alteration. Rock is more chloritic with a grained groundmass. Hardness 5-5½. Quartz veir is 45-70 to core axis. PYRITE content is less t More of an andesitic composition.(Mafic volcanic	fine- ning than 19 c).	÷-									
28.2	38.0	Altered volcanic agglomerate. Greyish red in co Silicic zones are 28.2-29.5. Stretched fragment 1% PYRITE. 29.5-31.7' is less altered with fine carbonate veining. Less than 1% PYRITE. At 31.7 is more altered with stretched fragments and is silicic. PYRITE locally is 5%. This zone is ba fractured with quartz-carbonate fillings. Almost schistose in appéarance at 37.0-38.0'.	olour. ts with quartz 7-38.0 more adly st	it									
10RONTO - 366-1	41.0	More chloritic volcanic with locally visable per Moderately fractured with quartz fillings 50° to axis. Greenish fine-grained in appearance. Har of 5. PYRITE is less than 1%.	obles. core dness										
41.0	45.8	Fine-grained chloritic green volcanic. 5% carbo seaming. Hardness of 5. No alteration. PYRITE than 1%. Seams are 70-75° core axis.	onate E is le	ss									
⁵ 45.8	53.0	Same as above: Chloritic fine-grained groundmass	s becom	ı–									

NAME C HOLE N LOCATIC	DF PROP	ERTY BROOKBANK FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HC R I
LATITUC ELEVATI STARTE	DE ION D	DEPARTURE DIP AZIMUTH DIP FINISHED DIP						
FOO	TAGE				SAMF	νιε		T
FROM	то	DESCRIPTION	N	D. SULPI	FROM	FOOTAG	E TOTAL	
		ing more fractured downhole. Fractures filled by quart SULPHIDE content is 1-3%. Quartz fractures are only 1-3mm in width.	z 40 40	43 44	48.0 52.0	52.0 53.0	0 4.0 0 1.0	
53.0	76.0	LC 2'. Reddish silicic breccia zone. Highly altered flattened pebbles. Minor less than 2% SPECULARITE note in fine-grained masses. DISSEMINATED PYRITE throughout 2%. Hardness of 6-6%. Locally PYRITE seams of 1mm or less 5-10%.	40 40 40 40	45 46 47 48	53.0 58.8 59.9 66.0 71.0	58.8 59.9 66.0 71.0	3 4.8 LC 1 9 1.1 6.3 5.0	
76.0	82.10	Still the breccia zone but becoing darker in appearance Losing some of the red tint. Rock is still very silici with PYRITE seams of 10%. Rock does not have as badly a flattened altered appearance as above. Foliation is more eveident downhole.	40 40 c 40	49 50 51	76.0	79.0	3.0 3.0 3.10	×
82.10	94.0	Rock is more of a carbonate enriched volcanic. Disting	t 40	52	82.10	86.7	3.9	

NLE NO. ______ SHEET NO. _2___

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EMARKS

GGED BY _____

FOO	TAGE				SAMP	LΕ			,	A S S A '	YS
FROM	то	DESCRIPTION	NO.	SUL PH	FROM	FOOTAGE	TOTAL	76	36	OZ/TON	OZ/TON
		ing more fractured downhole. Fractures filled by quartz SULPHIDE content is 1-3%. Quartz fractures are only 1-3mm in width.	4043 4044		48.0 52.0	52.0 53.0	4.0 1.0			Nil Nil Nil	
53.0	76.0	LC 2'. Reddish silicic breccia zone. Highly altered flattened pebbles. Minor less than 2% SPECULARITE noted in fine-grained masses. DISSEMINATED PYRITE throughout 2%. Hardness of 6-6%. Locally PYRITE seams of 1mm or less 5-10%.	4045 4046 4047 4048		53.0 58.8 59.9 66.0	58.8 59.9 66.0 71.0	4.8 LC 1' 1.1 6.3 5.0			0.002	
76.0	82.10	Still the breccia zone but becoing darker in appearance. Losing some of the red tint. Rock is still very silicic with PYRITE seams of 10%. Rock does not have as badly a flattened altered appearance as above. Foliation is more eveident downhole.	4049 4050 4051		76.0 79.0	79.0 82.10	3.0 3.10			0.002 0.002	
82.10	94.0	Rock is more of a carbonate enriched volcanic. Distinct foliation 80° to core axis. Seams and veinlets are quartz-carbonate filled. 92.0-93.0' is more silicic with the beginnings of a breccia appearance. 93.0-94.0 is more of a mafic volcanic with a dark groundmass with quartz veinlets. Overall PYRITE content is less than 1%. 89.9-91.0' has 30% quartz. PYRITE is 1% and is fine-grained and disseminated.	4052		82.10	86.7	3.9			0.002	
94.0	95.8	An altered agglomerate volcanic. Greyish red in colour. Rock is siliceous with 5% PYRITE as cavity fillings and is disseminated. Hardness of rock is 6.									
95, 8	125:0	Contact with mafic volcanic. Fine-grained greenish-, grey with quartz veins. Less so downhole. 115.0-125.0 core becomes slightly chloritic with epidote impreg- nation and swirls. 118.3-118.4 small cavity in swirl of epidote containg 2% SPECULARITE. 123.5-123.7 large									

FORM 1

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FORM 1

NAME O NOLE NO	F PROPE	83-B6 LENGTH	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	REMA	.RKS	>+		
ATITUD	ε	DEPARTURE											
LEVATI Tartec	on	AZIMUTH DIP							LOGGE	D BY			
FOO	TAGE					SAM	PLE		T	······································	ASSA	y s	
FROM	то	DESCRIPTION		N	o. sul	S FROM	FOOTA	GE TOTAL	76	36	OZ/TON	OZ/TON	
.25.0 .44.5	144.5	fracture contains epidote, quartz and 5% dissemine PYRITE. Overall SULPHIDES are less than 2%. Greenish tinted mafic volcanic with a fine-grain groundmass. Impregnation of epidote and in the wispy swirls. Quartz veining is present up to 3, Hardness of rock 6-6½. PYRITE is 1% and is fine- blebs associated with the epidote swirls. No vis PYRITE with the quartz veins. Rock is weakly- to erately- magnetic. Rock is same as above but a large quartz carbonar ture filling from 158.66161.3. No visible associated	hated form co /4". -grain sible b mod- te fra iated	f ed c- 40	53	158.6	161	.3 2.9			Au 0.002		
65.0	184.0	<pre>Pikite. As above, Pikite is associated with the wispy swirls and the overall content is less that Fracturing is moderate with quartz, hematite and as fillers. Hardness of 6 except in the carbonal fracture where it is lower.</pre> Rock is fine-grained greenish in colour due to in nation, seams and swirls of epidote. Hardness of Moderately fractured with quartz and epidte as fill Overall PypitE is loss than 18 Locally from 160	epido epido epido te npreg- E 6. illers	te te									
84.0	197.0	Overall PYRITE is less than 1%. Locally from 166 there is 10% PYRITE which is disseminated. Rock weakly- to strongly- magnetic. LC 186'-1.0'. Rock is same as above but 1% hemat blebs. Epidote impregnation and swirls. Mainly grained except from 196.0-197.0 where there is a intermixing of quartz, epidote wispy swirls and 1 hematite blebs. Moderately fractured locally and overall SULPHIDE content is less than 1%. Local is weakly-to moderately magnetic.	is is fine- great % ly roc	/.2 k									

۲	NAME OF	F PROP	erty <u>BROOKBANK</u> 37 LENGTH <u>237.0 feet</u>	FOOTAGE	DIP	AZIMUT	H FOOTAGE	DIP	AZIMUTH	HOLE N	40.8 <u>3-</u> RKS	<u>-B7</u> SHE _B0_1_7/	ET NO /16"	
	LOCATIO	N MET	ALOPE RESOURCES LTD.											
	LATITUDI ELEVATIC STARTED	E <u>26+</u> ON / Sept	DOW DEPARTURE 2+655 ()17/							LOGGE	D BY	PENTI I	ASSILA	per
	FOOT	TAGE	l		- 1		SAM I	PLE		I		ASSAY	s	
			DESCRIPTION		H			FOOTAG	E	1	~		(
	FROM	10					S FROM	то	TOTAL	70	*6	02/10N	02/100	
	0.0	10.0	CASING											
	10.0	70.0	Dacitic andesite to dacite; massive fine-grained, slightly greenish, volcanic, composition trending dacite, minor carbonate and quartz-carbonate seams lets (2%) few localized patchy fracture fillings ote. From 57-70' more siliceous-dacite. Strongl netic.	grey t to -vein- of epi y mag-	- .d-									
	70.0	74.0	Dacite:Fractured dacite with considerable calcite fracture filling with associated massive clots, s of disseminated PYRITE and SPECULARITE. Strongly netic. Quartz-carbonate veinlets 20%; PYRITE ave quartz-carbonate portion; SPECULARITE ave. 1% in carbonate portion.	e-quart eamlet mag- e.5% i quart	z 4 .s .n .z	055	71.0	74.0	3.0			Nil		
10 - 366-1168	74.0	79.0	Transition zone:Mixed brecciated creamy greenish, reddish material composed of sericitic schist, ch schist, silicit flow flattened breccia, carbonate (across foliation structure), welded rounded frag of quartz-veining, kink folded foliation. 1-8% fine PYRITE as disseminations, dissem. lense and aggregations. Extensively and intricately la thin 1-2mm variably oriented crosscutting seamlet SPECULARITE,1-5%.	pinki loriti veinle ments s, clc ced wi s of	.sh.4 .c et et .th	056	74.0	79.0	5.0			0.005		
LANGRIDGES - TORONT	79.0	136.0	Complex sulphide and SPECULARITE bearing hematiti icified zone. It is composed of : variably conc intermixed, interlayered, interbedded, injected. stallized, foliated-fragmented-brecciated-flatten predominately dynamically metamorphosed (low temp pressure=flattening=brecciation=recrystallization remobolization) faulted material.	c sil- entrat recry- ed- =high =varia	ed 4 4 4 4 5 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4	057 058 059 060 061 062 063	79.0 83.0 85.0 87.0 89.5 91.5 93.0	83.0 85.0 87.0 89.5 91.5 93.0 94.0	4.0 2.0 2.5 2.0 1.7 1.0			0.13 0.02 0.03 0.01 0.14 Nil Nil		

FORM 1

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NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-87

_____ SHEET NO. 2

FOOT	FAGE	DECEMBER ON			SAMP	LE		ł		ASSAYS	_
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	7.	7.	OZ/TON	OZ/TON
		<pre>Includes components of:a)boudinaged, silicified and hematitic silicia, chloritic-sericitic schistose poly- mictic metaconglomerate. b)Whitish hematitic haloed, fragmented to brecciated, variably configured injected quartz, usually with assoc- iated PYRITE as fine disseminations and lensy thin fracture filling seamlets and small clot-like patches of SPECULARITE:PYRITE content ranges from 1% to locally 10%, SPECULARITE less than 5%. c)107-125'-40-60% of rock is bright reddish (hematized) 'b' type silicic breccia. d)Chloritized, schistose, interbedded, flattened, well foliated tuff and lapilli tuff of mafic to intermediate composition. e)Angular fragmented dacitic breccia, in part injected with secondary quartz.</pre>	4064 4065 4066 4067 4068 4069 4070 4071 4072 4073 4075 4075		95.0 96.7 98.3 99.5 101.7 104.0 105.0 107.0 112.5 117.3 120.5 125.0 130.0	96.7 98.3 99.5 101.7 103.0 105.0 107.0 112.5 117.3 120.5 125.0 130.0 135.0	1.7 1.8 1.2 1.5 1.0 2.0 5.5 4.10 3.2 4.7 5.0 5.0			AL 0.005 0.02 0.005 0.01 0.002 0.005 0.03 0.02 0.01 0.005 0.03 0.002 0.002	
135.0	152.0	Chloritic schist: meta-andesite or metabasalt: uniform sea-green unit, well foliated, soft very mafic, laced wit wispy lenses-clots of white calcite-quartz (mainly cal- cite) seamlets-veinlets subparallel to foliation (10-20%) Possibly mafic metatuff. 135'-136.5 Transition zone.	n -								
152.0	162.3	Polymictic metaconglomerate.Mafic to intermediate comp- osition minor felsic components. Well foliated, exten- sively flattened and flow foliated. Core texture as lensy to wispy bands to boudinage texture in more siliceo units. Composition:green mafic material 15-80% with intricately interlayered gradations to whitsh-creamy- pink tinged felsics 2-80% of rock, laced with white to very minor pinkish (hematitic) silica injection commonly with up to 3% associated PYRITE, rare thin 1mm SPECULAR- ITE seams. Non-magnetic. Locally brecciated in felsic	4077 4078 15 4079		152.6 155.0 159.5	154.0 159.5 162.3	1.6 4.5 2.10			0.002 0.002 Nil	
162.3	166.0	Flow banded fragmental:Similar to 152-162.3 section but composed mainly of fractured, silica injected, dacitic material; silicfied flattened, brecciated, flow foliated, pebble-cobble metaconglomerate of mainly intermediate composition. 1-2% PYRITE average clasts appears to be metatuffs. Weakly magnetic.	4080		162.3	166.0	3.9			0.005	

NAME OF PROPERTY____BROOKBANK

HOLE NO. ______ SHEET NO. _____

FOO	TAGE				SAMP	LE			ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	 ~	OZ/TON	OZ/TON	
167.0	176.0	Mafic to intermediate metatuff?Grey to green grey, lent- icular.flattened, pseudofragmented texture, well foliated fine-grained, volcanic material of mafic to dacitic composition, probably metatuff. Lenticular, weakly banded texture (bands "weld" into each other) in core.5-20% wispy lensy quartz-calcite seamlets mainly subparallel to foliation; minor 1% PYRITE in more siliceous sections. Moderately calcareous. Weakly-to moderately-magnetic, to 178' then nonmagnetic.	4081 4082 4083	IDES	167.8 172.0 174.3	169.7 173.2 175.7	1.11		0.002 0.002 Nil		
176.0	214.0	Chloritic schist:meta-andesite or metabasalt essentially identical to decription for 135-152'. 205-214'Becomes more siliceous (chlorite-minor sericite) lig_hter green more tightly lensy banded at 205-214'.	4084 4085		178.0 181.0	180.0 181.7	2.0 0.7		Nil Nil		
214.0	217.0	Siliceous metaconglomerate. Finely banded to laminated interlayers of variably intergrading light green (mafic) creamy yellow(felsic) whitish (quartz) and minor very thin (1-2mm) reddish (hematitic) material: all extensivel flattened and well foliated (chlorite-sericite schist); few local narrow (1-2") siliceous brecciated zones. Minor less than 1% disseminated PYRITE.	4086 Y		214.0	217.0	3.0		Nil		
217.0	222.0	Mafic to intermediate metatuff?, intergrading variation of schistose units at at 135-152;167-177; and 177-205.									
222.0	237.0	Chlorite-sericite coarse metatuff. Extremely foliated talcy, chloritic-sericite schist. Very uniform unit compositionally, considerable variation (folding), in foliation-ranges from nearly perpendicular to nearly parallel to core axis. Occasional bright reddish jasper fragment. Moderately calcareous. 226.0-228.0Approx. 50% white injection quartz, minor calcite.	4087		226.0	228.0	2.0		0.002		
ЕОН											

NAME O	F PROP	ERTY BROOKBANK	TOOTAGE	DIP	AZIMU	TH FOOT	GE DIP	AZIMUTH	HOLE	NO83 BC	<u>17/10</u>	EET NO.	
OLE N	o. <u>8</u>	3-B8 LENGTH 343.0 feet	343	-40					REMA	ARKS			
00 4 7 10	N. <u>MI</u>	TALOKE RESOURCES LTD.											
TITUD	E	DEPARTURE											
EVATI	ON	$\frac{2077}{1183}$ AZIMUTH <u>342</u> DIP <u>-45</u>							1.000	E BY F	ENTI L	ASSILA	ι,
TARTE	D	EPC. 11 05 FINISHED 65		·			······				B. Kowo	esti	- f
FOO	TAGE					S A	MPLE				ASSA	rs	
FROM	то	DESCRIPTION		•	10. SÚ	NLPH FR	FOOT	AGE TOTAL	- 75	35	OZ/TON	OZ/TON	
0.0	28.0	CASING									Au		
28.0	35.0	Autobrecciated mafic volcanic, grey green angular ment weakly silicified, weak epidote alteration, hematized seams, occasional isolated and clot-lik clusters of fractured orang_y red K-feldspar (hem	frag minor e atize	y- ed).									
35.0	45.0	Volcanic autobreccia:Similar to above but more si	lic-	4	093	35	.0 38	.0 3.0			Nil		
		local moderate infusion of epidote; 5% to locally	3%	4	094	38	.0 40	.0 2.0			Nil		
		less than 1%.	PIKI	4	095	40	.0 45	.0 5.0			Nil		
45.0	47.8	Massive grey-green metadiorite.											
47.8	52.0	Volcanic auto breccia as 34-45'.		4	096	47	.8 52	.0 4.4			Nil		
52.0	61.5	Fractured andesitic to dacitic metavolcanic. Gre grey-green fractured to locally finely brecciated volcanic. Feldspars altered to sericite, epidote part hematized (reddish hue).Minor specularite ½%	y to alte and	erec									
61.5	88.1	Weakly to moderately silicified mafic metavolcani breccia. Very variably altered with distinct seg	c aut regat	:o- 4(597	61	5 65	.5 4.0			0.002		
		angular clots to intergraded patches containing e sericite, hematite silicate, rusty fracture seams	pidot	e, 40	88	67	0 71	4 4.4			Nil		
and in	-	gy clacite seams and minor local quartz enrichmen SPECULARITE as disseminated concentrations along Very minor PYRITE -1% locally associated with sil material.	t. ½- fract iceou	28 4(ure 15)89	71	4 75	10 4.6			Nil		
88.1	105.0	Fractured to brecciated slightly to moderately si mafic volcanic (metabasalt). Fine-grained, grey- fractured to brecciated, massive-to weakly-foliat andesitic volcanic, varia bly silica enriched mod	licif green ed derat	iec ,									

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FORM 1

NAME O	F PROPI	FOO	TAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO	SH	EET NO	
HOLE NO	.								REMA	KN3			
LOCATIO	N												
LATITUD	E	DEPARTURE											
CTAPTER									LOGGE	D ВY			
									1	<u></u>			
FOOT	TAGE	DESCRIPTION				SAMF	LE				ASSAY	(5	
FROM	то			NC		FROM	FOOTAG TO	E TOTAL	36	76	OZ/TON	OZ/TON	
		calcareous, nonmagnetic 5% to locally 10% irregular oriented and crosscutting thin 5mm carbonate seams,	ly , mir	40	98	89.0	91.0	2.0			Nil		
		quartz; few guartz veinlets ½-2" thick. Variably c entrated segregations of euhedral disseminated PYRI	conc-	40	99	92.6	97.0	4.6			Nil		
		2mm cubes, throughout: ave 1% to 2% PYRITE quartz v ing at 90',93',94.5'.	vein-	41	00	97.0	102.	0 5.0			0.002		
		100.5-½% cpy (1-4mm blebs) over 5".		41	01	102.0	105.	0 3.0			0.002		
105.0	110.4	Main Silicified Zone:Weakly foliated linear banded icified grey to smoky grey mafic volcanic breccia w	sil- vell	41	02	105.0	108.	5 3.5			0.005		
		laced with linear lenses of euhedral disseminated PYRITE 5-10% abundant thin to 4mm irregular, orient and crosscutting white quartz-carbonate fracture fi seamlets, slight reddish hue in silicic fragmental; nonmagnetic.	ed 11in	41 9	03	108.5	110.	4 1.11			Nil		
110.4	125.3	Metabasalt:Fine-grained, grey to green tinged massi volcanic with small lmm altered calcite phenocrysts	ve	41	04	110.4	115.	0 3.8			Nil		
		very calcareous. At 117.6-119.6' and 120.5-121.5' tw silica enriched (weakly reddish) zones with abundan	io nt	41	05	117.6	119.	6 2.0			0.02		
		5-10% PYRITE and quartz-carbonate veinlet.		41	06	120.5	121.	5 1.0			0.01		
25.3	129.0	Quartz breccia and silicified volcanic. 10% white q (minor calcite) breccia in finely brecciated smoky	uart grey	z 41	07	121.5	125.	3 3.10			Nil		
		volcanic groundmass. Pinkish-hue siliceous breccia to 126 with 2-5% PYRITE over 4". Approx. 2% PYRITE average over rest of section.	125	3 41	08	126.0	129.	0 3.0			0.005		
29.0	217.5	METABASALT: Massive uniform unit, fine-grained, gre grey weakly finely speckled (tiny lmm white-green c	en alc-	41	09	152.0	155.	5 3.5			Nil		
		feldspar phenocrysts) and faint brick reddish (hema haloed) porphyroblasts to 3mm diameter minor calcit calcite-quartz seams and occasional 1-4mm hematite carbonate seams. Moderately to strongly calcareous magnetic. Dark green foliated chlorite blebs 107-2	tite e an quar ; no 217:	41. ts n	10	178.0	179.	5 1.5			Nil		

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FORM 1

NAME OF PROPERTY BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	
HOLE NO83-B8 LENGTH	 			<u> </u>			
LOCATION		·					
LATITUDE DEPARTURE	<u>├</u> ────┤						
ELEVATION AZIMUTH DIP							
STARTED FINISHED				L			

HOLE NO. _83--B8_ SHEET NO. _3___

REMARKS

	ATITUD LEVATI Started	e on	DEPARTURE DIP AZIMUTH DIP							LOGGE	D BY			
	FOOT	AGE					SAMP	LΕ				ASSA	YS	
	FROM	то	DESCRIPTION		NO.	SUL PH	FROM	FOOTAGE TO	TOTAL	75	35	OZ/TON	OZ/TON	
			217.5-229.0 Dacitic-andesite-breccia. Fine gr. dull grey massive subangular fragments, moderate strongly-calcareous, weakly magnetic, 1-2% fine inated PYRITE.	ained, ly-to dissem	4112	2	217.5 224.0	224.0 228.0	6.7 4.0			0.005		
X	229.0	287.4	COMPLEX SULPHIDE AND SPECULARITE BEARING HEMATIT SILICATE ZONE. Well foliated, stretched, silica hematite-chlorite-sericite altered lensy banded, foliated, recrystallized meta-fault-brecciated re	E injecto flow	ed 4113	3	228.0 230.0	230.0 233.0	2.0 3.0			0.002 0.02		
			rying secondary pyrite and fracture filling of s Uphole portion (217.5-249) contains silicic and mented mafic metavolcanic material and lower por	pecula: frag- tion	ri te 4119	5	233.0	237.8	4.8			0.02		
			silicicand metaconglomerate (metasediment) mater All components are complexly intermixed, a inter	ial. layere	4116 d,	7	237.8	241.0	3.4			0.002		
			and variably concentrated. General segregations include: a)Heavy over 50% whitish to pink-reddish silica	breccia	a 4118	8	244.5	249.0	4.7			0.005		
			b)Heavy over 30% brick-red silica breccia c)Mainly white calcite-silica and over 50% mafic	volc.	4119		249.0	253.0	4.0			0.002		
-			dish silica.	•	4120		253.0	255.5	2.5			0.05		
66-1168			f)Chlorite schisť (mafic volcanic) g) Quartz veining.		4121	2	255.5	257.8	2.3			0.30	0.21	
NTO - 3	287.4	299.0	Mafic volcanic breccia fine-grained, grey green mented andesitic to slightly silicified mafic;	frag-	4123	2	259.6	263.0	3.6			0.04		
- TORC		-	becomes increasingly foliated downhole to a chlos schist at 299.0'.Minor thin dark chlorite seams as	rite nd	4124	ł	263.0	267.0	4.0			0.005		
GRIDGES	₹ ²⁷		Non-magnetic.	areous	4125	5	267.0	271.0	4.0			Nil		
LAN	299.0	316.0	Kink foliated chlorite schist, with lensy lamination interlayers exhibiting compositional variations	ted from	4126	5	271.0	273.0	2.0			0.005		

FORM 1

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FORM 1

NAME OF PROPERTY	BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE
HOLE NO83-88	LENGTH				
LATITUDE	DEPARTURE				
ELEVATION	AZIMUTH DIP				
STARTED	FINISHED			J	u
FOOTAGE	DESCRIPTION				SAM
	DESCRIPTION			1 al	

HOLE NO. _____ SHEET NO. _4____

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REMARKS

LOGGED BY ____

DIP AZIMUTH

	FOO	TAGE				SAMP	LE			A	SSAY	s
	FROM	то	DESCRIPTION	NO.	SULPH-	FROM	FOOTAGE TO	TOTAL	%	ж	OZ/TON	OZ/TON
			and or siliceous components, pseudo fragmented texture in part; Intricately injected (mainly parallel to fol- iation) with whitish quartz-carbonate, and apparantly interbedded with extremely stretched whitish quartz- feldspars-carbonate clasts.	4128 4129		279.5 281.6	281.6 285.0	2.1 3.6			0.01 0.005	
			205-306; white and pinkish silicic foliated breccia ½% PYRITE. 312.6-317.0 30% white fracture quartz with yellowish	4130 4131		285.0 305.0	287.4 306.0	2.4 1.0			0.002	
×	316.0	321.6	Flattened pebble cobble metaconglomerate. Grey to white banded texture in core. Consists of very flat- tened foliated pebbles and cobbles mainly of intermediate to felsic compositon. Less small mafic clasts-all altered to sericite and chlorite, except for quartz material. 316.0-321.6 mainly white quartz and yellow-green ser-	4133 4134		312.6 320.0	317.0 321.6	4.6 1.6			0.002	
\star	321.6	343.0	Coarse metalapilli tuff. Extremely flattened, foliated chloritic-sericitic, uniform unit, consi_derable kink folded foliation.									
ONTO - 366-1168	ЕОН		ŕ									
LANGRIDGES - TOR		-										

NAME O	F PROP	ERTY <u>BROOKBANK</u> 83-B9 LENGTH 286 feet	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO. <u>83</u> RKS <u>BO</u>	-В9 Sне 1_7/16	ET NO.	1
LOCATIO LATITUD ELEVATIO STARTED	N22- ON/ DSep	METALORE RESOURCES LTD. HOOW DEPARTURE 2+28S DO/AZIMUTH 342 DIP -45 L. 13'83 FINISHED Sept. 14'83 Sept. 14'83 Sept. 14'83	286	-39					LOGGE	о ву <u>Р</u>	enti la	SSILA	<u>i jer</u>
FOOT	TAGE					SAMF	, L E			A	SSAY	s	
FROM	то	DESCRIPTION		~	IO. SULP	FROM	FOOTAG	E TOTAL	7%	%	OZ/TON C	DZ/TON	
0.0	14.0	CASING	- F-11,						1		An .		
14.0	32.0	Metadacite; grey green to grey-blue-green well fra massive fine-grained volcanic.Compositional inter tions from silicic andesite to rhyodacite, noncal except for thin (up to 3mm) fracture filling seam Locally heavily epidotized as splayed ragged pate swirls mainly assoicated with fractures commonly associated with brownish red hematitic fine breck ments.Several thin carbonate fracture seams with rusty-red hematite envelopes, also cube PYRITE di ations 10% (up to ½"wide) associated with some se Average PYRITE overall is less than ½%; 'patchy' w magnetic zones.	ctured grada- careou s. ches ar with ia fra heavy ssemin eams. weakly-	1 - 15 nd 1g- 1-									
32.0	58.0	Metaquartz-diorite; in part a micro breccia; grey fine-grained massive, weakly- to moderately- magn saussaritized feldspar porphyry (2mm ragged light phenocrysts).Many thin (to 4mm) irregularly orien quartz-carbonate seams commonly also hematitic co Locally micro-brecciated with up to 50% epidote g mass, and contains nearly black quartz? "granules 2mm diameter.	-green letic, green lted pmposit ground- s" to	1, 4]	149	35.0 44.6 54.2	36.4 45.0 55.5	1.10			Nil 0.002		
LANGHUGES - 10HONIO - 365-11	60.2	54.2-55.5;30% epidote,15% quartz-carbonate,5% red hematite;½-3% (2") PYRITE. Weakly to noncalcared cept for seams); weakly to moderately-magnetic th Transition Zone:Well fractured epidotized (ave. increasingly siliceous downhole: a 60' 2" hematit quartz, calcite, epidote veinlets 1% PYRITE.	l silic pus (ex prougho 30%) ce,	zic c- out. 41	.51	58.0	60.2	2.2			Nil		

FORM 1

.

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-89

_____ SHEET NO. ____2

FOO	TAGE				SAMP	LĒ			ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH		FOOTAGE		 -	OZ TON	OZ TON	
60.2	74.0	Metadacite autobreccia; fine-grained grey-green fractured to brecciated, locally weakly foliated, hard, strongly magnetic with local segregated fragment-like clots of mag- netite.Minor disseminated very fine-grained (½%) PYRITE. Non-calcareous.	4152	1023	67.4	72.0	4.8		An Nil		
74.0	75.0	Epidote, hematitic silica, dacite foliated breccia, minor PYRITE associated with hematitic silica.	4153		74.0	75.0	1.0		0.002		
75.0	91.5	Variably silicified andesitic to dacitic meta-autobreccia similar to 60.2-74' but more greenish, softer.Weakly-to moderately-magnetic only at some spots, weakly calcareous and more calcite and calcite-quartz seamlets.Few narrow (to½") reddish hematitic breccia bands-seamlets with associated minor by mainly between 84-91.5' weakly chlorit	4154 4155		84.0 88.0	88.0 91.5	4.0 3.5		Nil Nil		
91.5	121.4	Metaquartz diorite as at 32-58'(microbreccia). 104.3-113.0; zone of very heavy epidote alteration abund- ant quartz-carbonate and lesser (2-3%) red hematite alt- eration, minor ½% PYRITE. 199.0-121.4; transi tion zone; very fractured more silic- eous lighter green volcanic to 121.4.	4156		109.3	113.0	3.9		Nil		
21.4	171.0	Finely fractured meatadacite:massive, uniform, dull grey, Finely fractured, fine-grained, uniformly magnetic (mod- erate) volcanic of intermediate compsition. Noncalcareous to weakly calcareous mainly due to fine quartz-calcite seams (2-4%).½-1% very fine disseminated PYRITE throughout. Locally few cubes to lmm diameter.Appears to contain about 20-30% fine (less than lmm) smoky grey quartz crystals. 150.0-158.0';isolated widely spaced to locally lineated concentrations of disseminated euhedral PYRITE cubes to 2mm diameter (½-1%).Becomes more mafic (greenish tinged) 165-171' and weakly foliated.	4157 4158 4159		121.4 123.8 163.0	123.8 128.0 165.7	2.4 4.4 2.7		0.005 0.04 0.002		
71.0	174.0	Silicified Breccia (hanging wall);Complex mottled melange of very fractured rewelded fault breccia.Includes white, yellow-orange to brick red crushed silicate material, mafic to intermediate volcanic, wispy splays along fract- ures.Well mineralized with fine PYRITE (3-10%)	4160		171.3	174.2	2.11		0.05		

NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83-89

SHEET NO.

	FOOT	TAGE				SAMP	_E				ASSAYS		
	FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	•	٦.	OZ / TON	OZ TON	
×	174.0	180.0	Chloritic schist well laced with quartz-carbonate.Well foliated chloritic schistose mafic green-grey andesitic volcanic (possibly originally a mafic tuff) extensive laced interlayered patchy ragged lenses of quartz-carbonat (30%) very calcareous. Flattened and well foliated.	e :							Au	Αq	
	180.0	214.5	Footwall silicified zone; extremely altered, brecciated, flattened, sericitized, pebble to cobble metaconglomerate mainly of intermediate to felsic composition, with minor to abundant reddish hematit_e altera_tion and weak- to mod- erate-scondary PYRITE enrichment and minor (locally to 3%) thin (l-2mm) SPECULARITE seaming. Presently material is boudinage textured, lensy foliate banded, sericitc schistose to sericite-chlorite schist- ose, polymictic clastic rock with the quit_zitic clasts being fractured (microbrecciated), foliated and sericit- ized. The unit is non calcareous and nonmagnetic; quartz content ranges from 10-70%, whitish-yellow to greenish-yellow (feldspar-sericite) approx. 15-50%, mafic (dark grey) material up to 30%, PYRITE ½-3% (mainly as semi-massive (up to 70%) seamlets (up to 3mm) subparallel to foliation) SPECULARITE mainly associated with siliceous sections as thin (less than 2mm) black seams subparallel to foliation. Occasional pseudomorphic fabric of very brecciated flattened, altered cobbles to about 3" thick.	4161 4162 4163 4165 4165 4166 4167 4168 4167 4168 4167		180.0 182.6 187.0 192.0 194.5 197.0 200.0 203.0 204.5 210.3	182.6 187.0 192.0 194.5 197.0 200.0 203.0 204.5 210.3 214.5	2.6 4.6 5.0 2.5 2.7 3.0 3.0 1.5 5.10 4.2			0.04 0.07 0.03 0.08 0.03 0.04 0.06 0.27 0.36 0.18	0.23	
366-1168	214.5	227.8	Finely laminar banded varicoloured yellow-green to red- dish -brown finely boudinage quartz and sericite schist apparently formed from felsic tuff and tuff lapilli. Minor kink folding, few specs very fine PYRITE.	4171 4172 4173		214.5 219.5 224.0	219.5 224.0 227.8	5.0 4.7 3.8			0.02 0.005 0.005		
- OINONC	227.8	229.0	White qaurtz vein 6" and silicic foliated breccia 1% PYRITE associated with quartz.	4174		227.8	229.0	1.4			0.03		
ANGRIDGES - TC	229.0	241.8	Hematized finely brecciated quartz and sericite schist. Extensively finely brecciated (micro-breccia) well hem- atized (10-20%) silicate, white to smoky grey quartz and minor sericite expresses as foliated hematite seamed brecci	a									

NAME OF PROPERTY___BROOKBANK

HOLE NO. ______83-89

___ SHEET NO.

	FOO	TAGE				SAMPL	E			A	SSAYS		
	FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	~.	~	OZ-TON	OZ TON	
			in core.Appears to be a metaquartz pebble conglomerate or metarhyolite lapilli. 1-2% PYRITE mainly disseminated along lensy seamlets subparallel to foliation. $\frac{1}{2}$ -1% SPECULARITE as thin (lmm) black lensy seams subparallel to foliation.	4175 4176 4177		229.0 234.0 238.0	234.0 238.0 241.8	5.0 4.0 3.8		(Α. 0.02 0.04 0.06		- <u></u>
	241.8	249.(Sericitized, finely brecciated, flattened, boudinaged well foliated quartz-pebble metaconglomerate similar to section at 229-241.8' but only very weakly hematized. Approx. 70-80% quartz material with thin (to2mm) heavily PYRITIZED (10-50% PYRITE) sericitic laminae. Approx. 2-3% PYRITE overall. No SPECULARITE.	4178 4179		241.8 245.0	245.0 249.0	3.4 4.0			0.07		
×	249.0	254.7	Yellow-green sericite zone: sericite and white quartz pebble metaconglomerate/meta- tuff-lapilli. Well fragmented-brecciated flattened (boud- inaged) quartz pebbles-cobbles intricately interlayered in flow foliated yellow-green sericite schist. Sericitic compo nent appears to be a felsic tuff derivative. Minor greyish more mafic (dacitic) clastic material.Numereous very fine (½mm) quartz eyes and ½% very fine disseminat- ions and lensy clots of PYRITE.	4180		249.0	254.7	5.7			0.005		
	254.7	259.0	Similar to section at 249-254.7' but much less whitish quartzitic clasts and 20% dark grey laminar chloritic bands. Trace very fine-PYRITE.	4181		254.7	259.0	4.5		Ċ	0.002		
-1168	259.0	259.6	Coarse uniform, greenish, sericitic well foliated crystal tuff, occasional tiny (½mm) red chert fragments. ½% PYRITE very fine-grained.										
ES - TORONTO - 366	259.6	264.5	Sericite, quartz, minor coarse greenish tuff interlayers: swirled,mottled, locally kink foliated texture with com- plex interlayering of above 3 components:35% white quartz; 40% yellowish green sericite tuff;25% greenish coarse tuff; % very fine PYRITE.										
ANGRIDG	264.5	271.0	Transition zone from sericite to coarse tuff, interlayers sericitic rock and coarse tuff (60%).	4182		264.5	268.5	4.0		L L	Jil		

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NAME OF PROPERTY_____ BROOKBANK

HOLE NO. ______83-89

FOO	TAGE	DECONDICAL			SAMPL	Ē				ASSAYS		
FROM	то	DESCRIPTION	NO.	", SULPH	FROM	FOOTAGE TO	TOTAL	~	٦.	OZ/TON	OZ TON	
271.0	277.0	5' ground core. 90% white granular (microbrecciated) quartz; 10% yellow-green sericite. Trace PYRITE.										
277.0	286.0	Light greenish grey, massive, uniform, granular grained clastic with over 50% quartz granules (no mafics). Subrounded, commonly microfractured quartz granules to lmm diameter linearly oriented along foliation of sericite groundmass.Appears to be coarse felsic crystal metatuff but could be well sorted quartz granule metasandstone.										
EOH 206-1168												
ANGRIDGES - TO												

	AME O	F PROP	BROOKBANK	FOOTAGE		AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE !	vo <u>8</u> 3	B-BLO SHEE	T NO
-			R-B10 LENGTH 275 0'	1001202			- COTACE			REMA	rks_E	30 1 7/10	5"
1		N MI	TALORE RESOURCES LTD.	275	-36								
-		⊑	$\frac{1000}{292}$ = 42 = -40										
-		Set	14'83 Sept. 15'83							LOGGE	D BY	DON OLIV	TER work
S	STARTED		FINISHED 00000 10 00									B. Kowa	bki l
ſ	FOO	FAGE					SAM	PLE				ASSAYS	3
F	FROM	TO	DESCRIPTION		-			FOOTA	GE	77	77		- /
-				· · · · · · · · · · · · · · · · · · ·		IDES	FROM	то	TOTAL	50	%	02/ TON 0	
	0.0	10.0	CASING			4184	39.5	42.	8 3.3			0.002	
	10.0				 •	4185	49.0	53.	0 4.0			Nil	
	10.0	30.0	Volcanic, dacitic composition. Fine-grained, d	ark grey	Z I	4186	62.0	67.	0 4.0			Nil	
		1.n	colour. Quartz vein at 26.3-27.0, epidote swir	ls beio	re	4187	67.0	68.				Nil	
		qua	the guarte is 1-2% Overall content is less	associat	ceall	1188 1188	68.0	70.				Nil	
		י w בי יידע די	s unit is moderately fractured with quartz-carb	unato	•	1100	72.5	71	5 2.5			NIL	i i
		fi	lings and is moderately magnetic.	Jilace		1191	77 0	79	8 2 8				
- 1			ingo and io modelately magnetic.			4192	79.8	87	0 7.4			0.002	
	30.0	50.0	Same as above but slightly more epidote. Rock	is hard	at	4193	87.0	89.	10 2.10			0.002	
			6.5. 39.5-42.8' has 10% PYRITE. Colour is mor	e green		4194	89.10) 93.	J 3.2			Nil	
			due to epidote impregnation. Seams and veinlet	s āre	.	4195	93.0	94.	0 1.0			0.04	
			quartz-carbonate.			4196	94.0	98.	0 4.0			0.005	
					·	4197	98.0	100	.0 2.0			0.005	
1	50.0	93.0	Greenish fine-grained rock as above. Less epid	ote at		1198	100.0) 104	.0 4.0			0.01	1
			60.0 downhole. Moderately fractured with quart	z-carb-		1199	104.0) 107	.0 3.0			0.002	
			onate fillings. Quartz vein at 70.0-71.7. Loc	ally		1200	107.0	1109	.6 2.6			Nil	
			5-10% PYRITE on the sides and as disseminations	in the	<u> </u> '	4201	1109.6		.8 2.2			0.01	1
			the uphole side in discominations in epidete an	TTE ON	. 11	1202		117	$ \frac{1}{2} $				[
			material Minor bematite of 2% occurs pear the	a Silica	~ `	1201	117 3	$\frac{1}{2}$	0 3 9			0.005	
1			$88.0-88.7$ has four guartz veins of $\frac{1}{20}$ width. R	elated	•]	4205	121.0	126	10 6.10				
			pyrite is 1% in a disseminated state. This uni	t is mor	ce 🛛	1206	126.1	6131	.0 4.2			0.02	
-116			of a mafic-dacite composition with weak- to mod	erately-	- .	4207	131.0	135	.10 5.10			0.02	
366			magnetic. Minor pink calcite of 1% occurs in t	he 88.0-	- -	4208	135.1	\$136	.10 1.0			0.09	
			88.7'zone.		- II -	4209	136.]	LØ144	.0 7.2			0.005	
Ĭ					•	4210	144.0) 145	.8 1.8			0.01	
Ы	93.0	117.0	Reddish siliceous breccia zone. 101.0-103.0' c	ontains	!·	4211	145.8	3 148	.4 2.8			0.03	
ī			40% quartz with 10% PYRITE in the quartz which	is very	7 ·	4212	148.4	1150	.2 1.10			0.03	
GES			Tine-grained. Overall PYRITE content is 1-2%.	Core is	5 '	4213	150.2	2 152	.6 2.4			0.04	
Ŭ			very fine-grained and neavily fractured with qu	artz-		¥214 1つ15	152.6) 153 154	10 1.4				
ANG			carbonate and SIIIca IIIIers. nematitic.			±2±J 1216		0157	0 2 2				
<u> </u> نـ						4217	157.0	1160	0 3.0				
					.∥.	4218	160.0	160	.10 0.10			0.04	}

FORM 1

AME OF PE	ROPERTY BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE N
HOLE NO	LENGTH			<u> </u>				REMAR
LOCATION _								
LATITUDE	DEPARTURE							1
ELEVATION _	AZIMUTH DIP							
STARTED	FINISHED	L		I				LOGGED

LE NO. 83-B10 SHEET NO. ____

EMARKS _____

FOOTAGEDESCRIPTIONFROMTONO. SUPPLIES117.0135.10Moderately fractured dark grey volcanic. Quartz- carbonate fillings. PYRITE content is 2-5% locally.8019135.10METAVOLCANICS-METACONGLOMERATE. Colours range from tan-brown-red-black. Volcanic fragments are flattened to a near laminated appearance. This unit becomes more sericitic at 184.0' downhole PYRITE content is 1%.4220195.0241.0METASEDIMENTS. Locally fine to poor laminations. Volcanic waste still visable as a minor occurrence. PYRITE content is less than 1%. Sericite becomes more8031	S A M P L E FOOTAGE H TO TOTAL 160.10 163.6 1.8 163.6 169.0 5.6 169.0 171.7 2.7 171.4 172.4 1.0 172.4 173.8 1.4 173.8 178.0 4.4 178.0 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	A 5 5 A Y 5 % % OZ/TON OZ/TON Aux 0.01 0.02 0.005 0.10 0.01 0.01 0.03 0.005
FROMTONO.SUPPORT117.0135.10Moderately fractured dark grey volcanic. Quartz- carbonate fillings. PYRITE content is 2-5% locally.8019135.10METAVOLCANICS-METACONGLOMERATE. Colours range from tan-brown-red-black. Volcanic fragments are flattened to a near laminated appearance. This unit becomes more sericitic at 184.0' downhole PYRITE content is 1%.4221195.0241.0METASEDIMENTS. Locally fine to poor laminations. Volcanic waste still visable as a minor occurrence. PYRITE content is less than 1%. Sericite becomes more8031	FROM TO TOTAL 160.10 163.6 1.8 163.6 169.0 5.6 169.0 171.7 2.7 171.4 172.4 1.0 172.4 173.8 1.4 173.8 178.0 4.4 178.0 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	% % oz/ton oz/ton 0.01 0.02 0.005 0.10 0.01 0.01 0.01 0.05 0.10 0.01 0.03 0.005
117.0 135.10 Moderately fractured dark grey volcanic. Quartz- carbonate fillings. PYRITE content is 2-5% locally. 4220 4221 135.10195.0 METAVOLCANICS-METACONGLOMERATE. Colours range from 4222 tan-brown-red-black. Volcanic fragments are flattened 4223 to a near laminated appearance. This unit becomes 4224 more sericitic at 184.0 downhole PYRITE content is 1%. 4225 All pebbles are flattened and this seems to be a mix- ture of sediments and volcanics. 4227 4228 195.0 241.0 METASEDIMENTS. Locally fine to poor laminations. 8029 Volcanic waste still visable as a minor occurrence. 8030 PYRITE content is less than 1%. Sericite becomes more	160.10 163.6 1.8 163.6 169.0 5.6 169.0 171.7 2.7 171.4 172.4 1.0 172.4 173.8 1.4 173.8 178.0 4.4 178.0 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	0.01 0.02 0.005 0.10 0.01 0.03 0.005
135.10195.0carbonate fillings. PYRITE content is 2-5% locally.4220135.10195.0METAVOLCANICS-METACONGLOMERATE. Colours range from tan-brown-red-black. Volcanic fragments are flattened to a near laminated appearance. This unit becomes more sericitic at 184.0' downhole PYRITE content is 1%. All pebbles are flattened and this seems to be a mix- ture of sediments and volcanics.4221 4223195.0241.0METASEDIMENTS. Locally fine to poor laminations. Volcanic waste still visable as a minor occurrence.8030 8031	163.6169.05.6169.0171.72.7171.4172.41.0172.4173.81.4173.8178.04.4178.0183.105.10183.10188.04.2185.0188.03.0	0.02 0.005 0.10 0.01 0.03 0.005
 135.10195.0 METAVOLCANICS-METACONGLOMERATE. Colours range from 4222 tan-brown-red-black. Volcanic fragments are flattened 4223 to a near laminated appearance. This unit becomes 4224 more sericitic at 184.0' downhole PYRITE content is 1%. 4225 All pebbles are flattened and this seems to be a mix-4226 ture of sediments and volcanics. 4227 4228 195.0 241.0 METASEDIMENTS. Locally fine to poor laminations. 8029 Volcanic waste still visable as a minor occurrence. 8030 PYRITE content is less than 1%. Sericite becomes more 8031 	169.0171.72.7171.4172.41.0172.4173.81.4173.8178.04.4178.0183.105.10183.10188.04.2185.0188.03.0	0.005 0.10 0.01 0.03 0.005
 135.10195.0 METAVOLCANICS-METACONGLOMERATE. Colours range from 4222 tan-brown-red-black. Volcanic fragments are flattened 4223 to a near laminated appearance. This unit becomes 4224 more sericitic at 184.0 downhole PYRITE content is 1%. 4225 All pebbles are flattened and this seems to be a mix-4226 ture of sediments and volcanics. 4227 4228 195.0 241.0 METASEDIMENTS. Locally fine to poor laminations. 8029 Volcanic waste still visable as a minor occurrence. 8030 PYRITE content is less than 1%. Sericite becomes more 8031 	171.4172.41.0172.4173.81.4173.8178.04.4178.0183.105.10183.10188.04.2185.0188.03.0	0.10 0.01 0.03 0.005
195.0241.0METASEDIMENTS. Locally fine to poor laminations.4223195.0241.0METASEDIMENTS. Locally fine to poor laminations.8029PYRITE content is less than l%.Sericite becomes more8031	172.4 173.8 1.4 173.8 178.0 4.4 178.0 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	0.01 0.03 0.005
195.0241.0METASEDIMENTS. Locally fine to poor laminations.4224195.0241.0METASEDIMENTS. Locally fine to poor laminations.8029PYRITE content is less than l%. Sericite becomes more8031	173.8 178.0 4.4 178.0 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	0.03 0.005
More sericitic at 184.0 downhole PYRITE content is 1%.4225All pebbles are flattened and this seems to be a mix-4226ture of sediments and volcanics.4227195.0 241.0METASEDIMENTS. Locally fine to poor laminations.8029Volcanic waste still visable as a minor occurrence.8030PYRITE content is less than 1%.Sericite becomes more8031	183.10 183.10 5.10 183.10 188.0 4.2 185.0 188.0 3.0	N 0.005
All pebbles are flattened and this seems to be a mix- ture of sediments and volcanics.4226 4227 4228195.0 241.0 METASEDIMENTS. Locally fine to poor laminations. Volcanic waste still visable as a minor occurrence.8029 8030 8031	183.10 188.0 4.2	
195.0241.0METASEDIMENTS. Locally fine to poor laminations.8029Volcanic waste still visable as a minor occurrence.8030PYRITE content is less than 1%. Sericite becomes more8031	μοσιν μοσιν σιν	0.02
195.0241.0METASEDIMENTS. Locally fine to poor laminations.8029Volcanic waste still visable as a minor occurtence.8030PYRITE content is less than 1%.Sericite becomes more8031		0.002
Volcanic waste still visable as a minor occurrence. 8030 PYRITE content is less than 1%. Sericite becomes more 8031		
PYRITE content is less than 1%. Sericite becomes more 8031		
	197 10 204 0 6 2	
evident at 240.0'. Colour is green (chlorite) red and 8032	204.0 209.0 5.0	0.24
brown to vellow. Minor chert fragments. 8033	209.0 214.8 5.8	0.01
8034	214.8 218.0 3.4	0.02
241.0 267.0 CHLORITE SCHIST light green in colour. 265.0-266.0 has 8035	218.0 220.6 2.6	0.03
60% guartz containing less than 1% PYRITE and less than 8036	220.6 223.0 2.6	0.01
1% SPECULAR HEMATITE. Laminations are fine to poor and 8037	223.0 226.5 3.5	0.005
irregular. 8038	226.5 228.5 2.0	0.01
8039	228.5 233.5 5.0	0.08
267.0 275.0 Coarse tuff to lapilli material greenish-brown in colour 8040	233.5 236.4 2.1	4 0.02
Non sericitic. PYRITE less than ½%. Rock is soft (5) 8041	236.4 240.0 3.8	0.005
and nonmagnetic. 8042	240.0 244.6 4.6	Nil
8043	244.6 247.8 3.1	Nil
8044	247.8 255.0 7.4	0.002
8045	255.0 258.0 3.0	0.002
8046	258.0 259.10 1.10) Nil
EOH 8047	259.10 260.8 0.10	
8048		
8049	200.0 200.1 1.1	
		0.002
8057		
0032		

REMARKSNO 1 7/8
-
LOGGED BY DON OLIVER
Kausalski
ASSAYS
TAL 76 76 OZ/TON OZ/TON
Au
. 3
3 Nil
- {

FORM 1

NAME OF PROPERTY___BROOKBANK

HOLE NO. _______83-811

SHEET NO.___

	F00 ⁻	TAGE				SAMPL	.E						
	ERON	TO	DESCRIPTION	NO.	SULPH		FOOTAGE		~	~	OZ. TON	OZ TON	
					IDES	FROM		TOTAL			A.		
	81.5	110.0	Dacitic material as above. Severely fractured, grey-green in colour, fine-coarse grained.Fractures are quartz-carb- onate filled with minor epidote and hematite seams. 98.4- 98.10' has an altered siliceous hematitic epidotized sec- tion intermixed with PYRITE 3-5%.Rock is hard at 6.5 and overall PYRITE content is ½-1%.Core becomes less frac- tured at 110.0 downhole.The coarse grained material has a somewhat granitic texture from 82-99'.										
	110.0	154.0	Rock is greenish-grey in colour with a hardness of 6.5 and is moderately fractured with quartz-carbonate and epidote filled with minor (1%) hematite seams.Epidote is impreg- nated in the rock giving it a greenish tint.Overall PYRITE content is ½-1%.The rock is slightly more mafic in appear- ance from 151.0-154.0.					•					
X	154.0	189.10	Rock is of dacitic composition, hardness 6.5, greenish in colour and moderately fractured with quartz-carbonate epidote fillings. 155-157' is a brecciated agglomerate with flattened hematitic fragments.More of a fault breccia with 1% PYRITE. Hematite is a minor occurrence acting as an enveloping agent around quartz veins.Overall PYRITE con- tent is 1%.Magnetics are weak to moderate.										
0 - 366-1168	189.10	211.0	Contact of brecciated- hematized conglomerate zone, colour ranges from red-grey-white.Visable flattend pebbles and fragments.Very well silicified, locally high percentage of hematite and PYRITE.192.3-193.64a s 40% hematite, 30% quartz, 10-12% PYRITE.A well mineralized section.Some fragments are recognizable where others are flattened. 207.2-208.7 has 40% quartz with 5% PYRITE dissemination. Overall PYRIE is 2-3%.Minute SPECULARITE seams are also noted.	8055 8056 8057 8058 8059 8061 8061 8062		189.10 192.3 193.6 197.9 199.1 202.5 207.2 208.7	192.3 193.6 197.9 199.1 202.5 207.2 208.7 213.0	2.5 1.3 4.3 1.4 3.4 4.9 1.5 4.5			0.03 0.10 Nil 0.002 0.02 0.01 0.005 0.02		
ANGRIDGES - TORONTC	211.0	237.0	Much the same as above. A flattened pebble agglomerate al- most schistose in appearance. Hematitic material laminat- ed with siliceous rock and volcanic waste. Overall PYRITE content is 1% this appears as disseminations and very thin seams. Some areas such as 213'-218' are not as fragmente as others. Blue quartz eyes are noted in small amount. Hem- atite occurs as seams and blebs. At 228' a small seam of ma	8063 8064 8065 8066 8067 d 8068 ripc	site	213.0 218.5 223.0 227.5 230.0 234.0	218.5 223.0 227.5 230.0 234.0 239.0	5.5 4.7 4.5 2.7 4.0 5.0			0.03 0.09 0.02 0.02 0.02 0.02		

NAME OF PROPERTY_____BROOKBANK

HOLE NO. _____83-B11

____ SHEET NO.____3

F001	TAGE				SAMP	LE		ASSAYS				
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL		٦,	OZ, TON	OZ-TON	
237.0	258.	OMore of a metasediment appearance.Fine to irregular lam- inations with silica chlorite and sericite.Some volcanic waste is still present.Hematitic banding is also present as is locally ½-1% PYRITE.This rock is soft at5.5, and has almost a schistose to gneissic appearance. Non- to weakly- magnetic.	8069 8070 8071 8071		239.0 244.0 249.0 252.8	244.0 249.0 252.8 258.0	5.0 5.0 3.8 5.4			Au 0.01 0.02 0.01 0.01		
258.0	284.	Metasediments as above with a schistose to gneissic ap- pearance.Not as much volcanic waste as previously and laminations are still fine to irregular.Locally pebbles can be seen ranging from 1-2mm (almost a lapilli) grain size varies from fine- to coarse-grained locally.Cavities appear in the coarser material.These are primarily in the quartz-carbonate.This unit is calcareous and pink calcite is noted in a few locations.PYRITE is still occ_uring as seams and disseminations ranging from ½-1% locally rang- ing at 2-3% in minute seams.Laminations are quartz, carb- onate, hematit_e,chlorite-sericite.Carbonates play the major role.	807: 807: 807: 807: 807: 807:		258.0 263.1 267.0 272.0 277.0 282.0	263.1 267.0 272.0 277.0 282.0 284.4	5.1 3.11 5.0 5.0 5.0 2.4			0.02 0.05 0.03 0.04 0.03 0.03		
284.4	309.	9Same as above.Carbonate, chlorite-sericite laminations with volcanic waste laminations present.Laminations are fine to flattened and contorted.At 303' there is a 2" quartz band but no associated sulphides.To 294' the PYRITE content is 1% but downhole from 294', it becomes less than 5%.The PYRITE had occured as fine seams and disseminations Minor carbonate (1%) occur at 289' hematite is still pre- sent as fine seams and phenocrysts.	8079 8080 8081 8081 8081 8081		284.4 289.0 294.0 296.5 301.0 306.0	289.0 294.0 296.5 301.0 306.0 309.9	4.8 5.0 2.5 4.7 5.0 3.9			0.02 0.03 0.10 Nil 0.002 Nil	2	
309.9	324.	5Contact with chlorite-sericite schist.Rock becomes in- creasingly more sericitic downhole.Rock is greenish-white in colour.Laminations are chlorite-sericite, quartz- carbonate and 2% volcanic waste. PYRITE is less than ½%. Minor jasper fragments are noted from 1-3mm in size. A 3" quartz vein is noted at 327.2 but no sulphides are present.This whole unit is soft at 5.Laminations are fine to flattened. 315 & 318 mariposite seams.	8085 8086 8087 8088	5	809.9 314.5 317.0 322.2	314.5 317.0 322.2 324.5	4.8 2.7 5.2 2.3			Nil 0.002 0.002 0.01		

BROOKBANK NAME OF PROPERTY___

HOLE NO. _____83-B11

SHEET NO. _____ 4

									T					
F00'	TAGE	DESCRIPTION												
FROM	то		NO.	TOES	FROM	FOOTAGE	TOTAL	-	~	OZ TON	OZ TON			
324.5	346.0	As above, a chlorite-sericite schist.Fine laminations only interrupted by quartz veins of 1-3" from 331.2-332.4. Laminations are not as flattened as before.Sulphide content is still less than ½%.This is light green in colour with a hardness of 5. No jasper is present.	8089 8090 8091 8092 8093	t. R	324.5 327.0 331.2 332.4 336.0	327.0 331.2 332.4 336.0 341.0	2.7 4.2 1.2 3.8 5.0			Au 0.005 Nil 0.002 0.002 0.002				
346.0	349.2	Transition zone leading to tuff material. This zone is flattened and altered with contortions. Carbonate lamin- ations are pulled almost out of shape. Instead of laminated they are pulled. This consists of quartz-carbonate, chlorite sericite. NO VISABLE SULPHIDES.	8095		346.0	349.2	3.2			0.002				
349.2	353.0	This zone is a coarse tuff with faint laminations of sericite.Ouartz-carbonate laminations and phenocrysts are seen also.Fairly uniform texture.	8096		349.2	353.0	3.1 <u>0</u>			Nil				
EOH														

NAME OF	PROPERTY	BROOKBANK				
HOLE NO.	83-B12	LENGTH	927.0 feet			
LOCATION	METALORE	RESOURCES LTD.				•.••
LATITUDE _	18+00W	DEPARTURE	<u>5+00S</u>			
ELEVATION	1002	AZIMUTH	342	DIP	-65	
STARTED	Sept. 17	183 EINISHED S	ept. 21 '83	;		

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
400	-65				
927	-64				

HOLE NO. 83-812 SHEET NO. ____

REMARKS BO 1 7/16"

LOGGED BY PENTT LASSILA per

FOO									assays					
		DESCRIPTION		%		FOOTAGE		╢────	<u>^</u>			r		
FROM	то		NO.	SULPH-	FROM	то	TOTAL	76	%	OZ/TON	OZ/TON			
0.0	2.0	CASING												
2.0	5.0	Silicified, fragmented, PYRITE-fine-grained disseminated 2%, light green grey volcanic laced with white quartz veins (20%) along fractures.	8098		2.0	5.0	3.0			0.002				
5.0	165.0	Meta-andesite; gradings towards a dacite in composition. Green, fine-grained, massive volcanic, weakly saussarit- ized to locally heavily splayed epidote mainly along fractures. Red hematite common along many fracture seams and/or epidote seams comprise 2-5% of rock. Groundmass varies from non- to moderately-calcareous at various locations along the section indicating minor compositional variations. Various minor disseminations and blebs of PYRITE, minor flow top breccia (44.0-50.0').												
		19.0-21.5 Quartz-carbonate seaming, 30% of rock, with brick red hematitic alteration associated with seaming, well chloritized and foliated at 10-30° to core axis. One percent in quartz-carbonate seams.	8099		19.0	21.5	2.5			Nil				
		67.0-68.5 Silicified zone, fractured, hematitic quartz- carbonate 2-5% disseminated PYRITE.	8100		67.0	68.5	1.5			Nil				
		82.0-82.5 White quartz vein, minor PYRITE and reddish silica.	8101		82.0 105.0 106.0	82.5 105.3 107.5	0.5			Nil				
		105.0-107.5 White quartz-carbonate vein, heavy epidote ½" red hematitic silica 1-2% PYRITE.					-							
		124.5-126.5 Quartz and quartz-carbonate vein(80%),minor hematite;2"=2% PYRITE.	8102		124.5	126.5	2.0			0.002				

FORM 1

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NAME OF PROPERTY____BROOKBANK

HOLE NO. ______ 83-812

F00	TAGE	DESCRIPTION			SAMPL	Ē		ASSAYS					
FROM	то	DESCRIPTION	NO.	% SULPH		FOOTAGE		~	~	07/TON	OZ / TON		
i		Grainsize grades to metadiorite 130-165ft. Very gradual gradational increase in grain size from 120-130ft. Ab- rupt change (contact) over a few inches at 165' from green speckled (saussaritized) metadiorite to fine- grained bluish-green strongly magnetic non-saussaritized dacite.	3103	IDES	145.7 152.0 166.0	146.6 153.0 167.0	0.11 1.0 1.0			Nil			
L65.0	190.0	Dacite intergrading composition variations and meta- andesite or metadiorite with the siliceous components generally moderately magnetic and the mafic components tending to be non- to weakly- magnetic. Faint flow top? breccia exhibited just below 167.0ft extending to about 169ft. Occasional thin (1-4mm) calcite and quartz-carbonate seams along irregular fractures, mainly epidote carbonate seams between 179ft and 185ft.											
-		<pre>167.0-168.0 Hematized quartz-carbonate seamlets with 1% PYRITE. 181.0-182.5 Mainly ground core: heavy epidote, reddish (hematitic) quartz-carbonate with approximately 4% disseminated PYRITE. 177.4-178.0 Quartz-carbonate injection, hematized, 4% disseminated PYRITE swirly texture</pre>	8104		177.4 181.0	178.0 182.5	0.8 1.5			Nil			
L90.0	215.0	METADIORITE TO METAQUARTZDIORITE: Fine to medium-grained intergrading throughout also var- iably and indistinctly intergrading from well saussar- itized allotriomorphic diorite (speckled texture due greenish epidote altered feldspars) to dark green-grey hypidiomorphic texture relatively unaltered quartz diorite. Few thin (1-3mm) fracture seams filled with quartz-carbonate commonly epidotized and less commonly hematitic envelope.											
215.0	236.0	Meta-andesite intergrading to dacite in composition. Very similar to section at 165.0-190.0ft non- to weakly- magnetic, non- to weakly-calcareous.											

FORM 2

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BROOKBANK NAME OF PROPERTY_

HOLE NO. _____83-B12

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		н	OLEN	08.	3-B12		SHE	ET NO.	3	
AGE				SAMPI	_E				ASSAYS	
то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	~	₹,	OZ/ TON	OZ, TON
	Many quartz-carbonate veinlets-seams from 130-136 ft 233-236ft. becomes fine-grained, grey, more siliceous.									
307.0	SOUTH SILICIFIED ZONE									
244.5	Brecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica.									
	236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE.	8105		236.0	238.0	2.0			0.002	
	238.0-241.5:50% white quartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRJTE.	8106		238.0	241.5	3.5			0.002	
	241.5-244.5:50% hematized silicified volcanic fragments 15% grey volcanic fragments, 30% white quartz injections, 3-5% PYRITE.	8107		241.5	244.5	3.0			0.001	
302.0	Silcified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematitic alteration: fine-grained, massive to locally stretch foliated, well fractured to finely- brecciated, numerous crosscutting and in part breccia fragment enveloping quartz, quartz-carbonate and carb- onate fracture filling seams. Also very fine (1-2mm thick) dark green chloritic fracture filling seams. Noncalcareous groundmass in very silicic sections to strongly calcareous groundmass in mafic (andesitic) sections. Apparantly magnetite has been largely con- verted to secondary hematite alteration in the more siliceous rock (see below). No epidote.									
	244.5-256.0 Non-magnetic , siliceous, locally strong hematization (up to 10% disseminated associated pyrite), well brecciated volcanic. Very little very fine 0.1mm PYRITE 5%.	8108 8109 8110 8111		244.5 246.4 250.9 253.5	246.4 250.9 253.5 256.6	1.11 4.5 2.8 3.1			Nil 0.002 0.005 0.002	
	аде то 307.0 244.5 302.0	 AGE DESCRIPTION Many quartz-carbonate veinlets-seams from 130-136 ft 233-236ft. becomes fine-grained, grey, more siliceous. SOUTH SILICIFIED ZONE SBrecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica. 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. 238.0-241.5:50% white quartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRITE. 241.5-244.5:50% hematized silicified volcanic fragments 15% grey volcanic fragments, 30% white quartz injections, 3-5% PYRITE. Silcified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematitic alteration: fine-grained, massive to locally stretch foliated, well fractured to finely- brecciated, numerous crosscutting and in part breccia fragment enveloping quartz, quartz-carbonate and carb- onate fracture filling seams. Also very fine (1-2mm thick) dark green chloritic fracture filling seams. Noncalcareous groundmass in very silici sections to strongly calcareous groundmass in mafic (andesitic) sections. Apparantly magnetite has been largely con- verted to secondary hematite alteration in the more siliceous rock (see below). No epidote. 244.5-256.0 Non-magnetic , siliceous, locally <trong hematization (up to 10% disseminated associated pyrite), well brecciated volcanic. Very little very fine 0.1mm PYRITE ½%.</trong 	AGE DESCRIPTION Many quartz-carbonate veinlets-seams from 130-136 ft 233-236ft. becomes fine-grained, grey, more siliceous. 307.0 SOUTH SILICIFIED ZONE 244.5 Brecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica. 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. 238.0-241.5:50% white quartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRITE. 241.5-244.5:50% hematized silicified volcanic fragments 15% grey volcanic fragments, 30% white quartz injections, 3-5% PYRITE. 302.0 Silcified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematitic alteration: fine-grained, massive to locally stretch foliated, well fractured to finely- brecciated, numerous crosscutting and in part breccia fragment enveloping quartz, quartz-carbonate and carbo onate fracture filling seams. Also very fine (1-2mm thick) dark green chloritic fracture filling seams. Noncalcareous groundmass in wery silicic sections to strongly calcareous groundmass in mafic (andesitic) sections. Apparantly magnetite has been largely con- verted to secondary hematite alteration in the more siliceous rock (see below). No epidote. 244.5-256.0 Non-magnetic , siliceous, locally <trong hematization (up to 10% disseminated associated pyrite), Well brecciated volcanic. Very little very fine 0.1mm PYRITE ½%.</trong 	AGE DESCRIPTION NOT SUCCE NUMBER OF SUCCE NUMBER OF SUCCE NUMBER OF SUCCE NUMBER OF SUCCESSION SUCC	AGE DESCRIPTION SAMPL TO TO SAMPL TO TO SAMPL TO TO SAMPL TO SAMPL TO AGE DESCRIPTION SAMPL TO SUITH SULCIFIED ZONE TO 244.5 Brecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica. 8105 236.0 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. 8106 238.0 238.0-241.5:50% hematized silicified volcanic fragments silicified autobrecciated volcanic fragments, 3-5% PYRITE. 8107 241.5 241.5-244.5:50% hematized silicified volcanic fragments silicified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematize alteration: fine-grained, massive to locally stretch foliated, well fractured to finely- brecciated, numerous crosscutting and in part breccia fragment enveloping quartz, quartz-carbonate and carb- onate fracture filling seams. Also very fine (1-2mm thick) dark green chloritic fracture filling seams. Noncalcareous groundmass in mafic (andesitic) sections. Apparantly magnetite has been largely con- verted to secondary hematite alteration in the more siliceous rock (see blow). No	AGE SAMPLE 70 DESCRIPTION NO. SAMPLE 70 Nany quartz-carbonate veinlets-seams from 130-136 ft 233-236ft. becomes fine-grained, grey, more siliceous. NO. SWUM FROM 307.0 SOUTH SILICIFIED ZONE NO. SUTH SILICIFIED ZONE NO. SUTH SILICIFIED ZONE 244.5 Brecciated, heavily hematized (brick red), intensely silica. SILOS SILOS 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. SILOS 238.0 238.0-241.5:50% white quartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRITE. SILOS 238.0 241.5-244.5:50% hematized silicified volcanic fragments 35% grey volcanic fragments, 30% white quartz injections, 3-5% PYRITE. SILOF 241.5 302.0 Silcified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematitic alteration: fine-grained, massive to locally stretch foliated, well fracture filling seams. Noncalcareous groundmass in wery silici sections to strongly calcareous groundmass in wery silici sections to strongly calcareous groundmass in mafic (andesitic) sections. Apparantly magnetite has been largely con- verted to secondary hematite alteration in the more siliceous rock (see below). No epidote. Store slow Store slow 244.5-256.0 Non-magnetic , silicc	AGE DESCRIPTION SAMPLE 70 DESCRIPTION Somple FOULAGE 233-236ft. becomes fine-grained, grey, more siliceous. SOUTH SILICIFIED ZONE South SILICIFIED ZONE 244.5 Brecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica. 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. 8105 236.0 238.0 2.0 238.0-241.5:50% white guartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRITE. 8106 238.0 241.5 3.5 241.5-526k white guartz injections, 40% reddish hematitic silica, 5% volcanic fragments, 3-5% PYRITE. 3107 241.5 244.5 3.0 302.0 Silcified autobrecciated volcanic ranging from an andresite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). Zone has an overall grey-purplish to reddish hue due to hematized alteration fine-grained, massive to locally stretch foliated, well fractured to finely-brecciated, numerous crosscutting and in part breccia fragment enveloping quartz, quartz-carbonate and carbononate ranging from store to secondary hematiste alteration in the more siliceous rock (see below). No epidote. 8108 244.5 246.4 246.4 246.4 246.4 250.5 4.5	AGE DESCRIPTION SAMPLE 70 005 FORMULE TOTAL TOTAL TOTAL 233-236ft. becomes fine-grained, grey, more siliceous. 307.0 SOUTH SILICIPIED ZONE TOTAL TOTAL TOTAL 244.5 Brecciated, heavily hematized (brick red), intensely silicfied volcanic and white injection guartz. Two percent to 15% PTRITE mainly associated with hematized silica. 236.0-238.0:25% volcanic fragments, 55% reddish silicic material, 10% white-pinkish quartz 5% PTRITE. 3106 238.0 241.5 3.5 238.0-241.5:50% white quartz injections, 40% reddish hematized silicia, 5% volcanic fragments, 3-5% PTRITE. 3107 241.5 244.5 3.0 302.0 Silcified autobrecciated volcanic ranging from an andesite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). 302.0 Silcified autobrecciated volcanic ranging from an andesite to rhyolite in composition fine qrained, massive to locally stretch foliated, woll fractured to finely-brecciated, numerous crosscutting and matice (lamestic) sections to finely-brecciated, numerous crosscutting and material (lamestic) 3108 244.5 246.4 1.11 Moncalcareous groundmass in matic (andesitic) sections. Apparantly magnetite has been largely converted to secondary hematite alteration in the more siliceous rock (see below). Nc epidote. 244.5	AGE SMELT NO. 70 DESCRIPTION SAMPLE 70 TOTAL 100 70 TOTAL<	AGE DESCRIPTION SAME I ASAVE TO DESCRIPTION TO SAME I ASAVE Many quartz-carbonate veinlets-seams from 130-136 ft 233-236ft. becomes fine-grained, grey, more siliceous. TO TO TO TO TO SAMAL ASAVE 244.5 Drecciated, heavily hematized (brick red), intensely silicified volcanic and white injection quartz. Two percent to 15% PYRITE mainly associated with hematized silica. SIO5 236.0 238.0 2.0 0.002 236.0-238,0:25% volcanic fragments, 5% reddish silicic material, 10% white-pinkish quartz 5% PYRITE. SIO6 238.0 241.5 3.5 0.002 241.5-244.5:50% hematized silicified volcanic fragments, 3-5% PYRITE. SIO7 241.5 244.5 3.0 0.001 250 silified autobrecciated volcanic ranging from an and- esite to rhyolite in composition, weakly to locally intensely hematized "pyritized" (secondary pyrite). SIO7 241.5 244.5 3.0 0.001 20act fragment enveloping quartz, quartz-carbonate and carb- onate fracture filling seams. Noncalcareous groundmass in mery silicic sections to sections. Apparantly magnetic has been largely con- verted to secondary hematic alteration in the more siliceous rock (see below). No epidote. SIO8 244.5 246.4

FORM 2

NAME OF PROPERTY_

BROOKBANK

				HOLE NO83-B12					SHEET NO4			
•.	F00'	TAGE	DESCRIPTION			SAMP	LE	····			ASSAYS	
Ī	FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	7.	%	OZ/TON O	Z/TON
			256.0-286.0 Strongly magnetic andesite to moderately silicic breccia, locally weak heatization, volcanic autobreccia with disseminated pyrite concentrated mainly along fracture seams (ave.½-1% PYRITE overall). Magnetit finely disseminated and locally segregated into fine tiny black lenses often in part hematized (reddish).	8112 8113 8114 e 8115 8116		258.0 261.5 264.0 269.2 281.0	261.5 264.0 267.0 274.2 283.8	3.5 2.7 3.0 5.0 2.8			Nil Nil 0.002 Nil Nil	
			286.0-289.0 Heavily pyritized silicified volcanic auto- breccia 5% to locally 30% disseminated cubic PYRITE (to lmm diam) reddish tinged (hematite) dull bronze colour hard siliceous fine-grained autobreccia, minor 1% fine to 2mm hematite fracture filling seams, strongly calcareous, few white quartz-carbonate veinlets-one 1½" thick.	8117		286.0	289.0	3.0			0.005	
			289.0-293.3 Purplish tinged (hematite)strongly magnetic intermediate volcanic autobreccia as at 256.0-286ft.	8118		289.0	292.0	3.3			Nil	
			293.3-295.0 Heavily hematized, pyritized, silcified well brecciated volcanic. 2-10% cubic PYRITE dissemination.	8119		292.3	295.0	2.9			0.002	
			295.0-302.0 Slightly reddish tinged strongly magnetic. calcareous, fine-grained, grey diorite.									
0 – 366-1168	302.0	345.5	Fine-grained, massive meta-andesite to silicified meta- andesite. Considerable compositional intergrading from green mafic volcanic to reddish tinged grey-green (weakly hematized) volcanic. Variably non- to strongly- magnetic (occasional segregated small clots cf magnetite 327-340ft Locally more mafic differentiates are moderately well saussaritized. Minor small (mainly 1-4mm quartz calcite seams ,5%, (epidotized in more mafic groundmass). Rare hematitic seams.	8120		317.0	319.5	2.5			Nil	
ES - TORONTC	345.5	347.0	Heavily pyrititzed, epidotized, hematized, quartz injected swirl foliated, brecciated, silicified section Ave. 15% disseminated and clots of PYRITE.	8121		345.5	347.0	1.7			0.005	
LANGRIDG	347.0	361.0	MASSIVE META-ANDESITE. Fine-grained, dark grey-green, very weakly to locally strongly epidotized mainly along fractures and wispy									

FORM 2
NAME OF PROPERTY_____BROOKBANK

HOLE NO. _____83-B12 SHEET NO. 5

FOOTAGE FROM TO 361.0 368. 368.0 485.	DESCRIPTION swirls between 347.0-352.0ft: 5% of rock as white quartz- carbonate seams mainly 1mm-5mm thick.	NO.	SULPH.	SAMPL	.E					
FROM TO 361.0 368. 368.0 485.	swirls between 347.0-352.0ft: 5% of rock as white quartz- carbonate seams mainly 1mm-5mm thick.	NO.	% SULPH						ASSAYS	
361.0 368. 368.0 485.	swirls between 347.0-352.0ft: 5% of rock as white quartz- carbonate seams mainly 1mm-5mm thick.	1	IDES	FROM	FOOTAGE TO	TOTAL	7.	%	02/ TON	0Z/TON
361.0 368. 368.0 485.	-									
368.0 485.	ROCK SILICIFIED INTO GREY METAGRANODIORITE Medium-grained, weakly to strongly-calcareous, distinct- ive, medium grey to reddish tinged massive unit.Est. 5-10% guartz (more in strongly hematized reddish-brown material). White feldspars have been largely altered to calcite, tiny (lmm) kaolinized laths and reddish tinged hematitic aggregates-very difficult to distinguish hematized feldspar from hematized quartz. Possibly 5% very fine dark grey to nearly black mafic minerals of unknown composition. Non-magnetic. PYRITE ½-1% as fine disseminations to occasional subhedral cubes to 3mm diam (2": 5-8% pyrite). General texture is weakly mottled, subhued pseudoporphyroblastic, finely fractured to locally brecciated.	3122		363.5	368.0	4.7			Nil	
	Massive uniform well saussaritized fine to medium grained meta-diorite-gabbro. Distinctive green coarsely speckled texture caused by epidote altered (light green) rather ragged feldspar laths (20-40%) forming matrix for darker green altered mafic crystals of unknown mineral composition (appears to be mainly green pyroxene). The unit is almost certainly an intrusive phase of the mafic flows. Nearly all the quartz-calcite seams partly to completely epidotized (some distinct bright light green (clinozoisite) seams. Reddish hematized with associated pyrite exhibited 25% of seams: Seams are generally thin l-3mm, ranging up to ½" thick and comprise about 2% to locally 5% of the rock.									
	392.0-394.0 Five inch quartz vein and other quartz-carb- onate veins to 2 in. thick well enveloped with pyritiferous hematite, few thin 1/8" clinozoisite seams. Average 1% PYRITE up to 5% over 2".	8123		392.0	394.0	2.0			0.02	
	473.1-475.0 Quartz- carbonate veining, epidote, hematiz- ation. Average PYRITE 2%.	8124		473.1	475.0	1.11			Nil	

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NAME OF PROPERTY BROOKBANK

HOLE NO. 83-B12 SHEET NO. 6

				н	OLE N	0. 83-	-B12		SHE	EET NO.	6	
	FOOT	AGE	DESCRIPTION			SAMP	LĒ				ASSAYS	
FI	ROM	то		NO.	% SULPH	FROM	FOOTAGE	TOTAL	7.	7.	OZ/TON	OZ/TON
48	32.0	502.5	METADIORITE Bluish-grey-green fine-grained massive volcanic, gradual compositional change from gabbroic phase to dioritic phast between 480.0-485.0ft. Moderately magnetic throughout, no epidote alteration below 485. Occasionall quartz-carbonate seam. Moderately to strongly calcareous	Y •								
50	2.5	507.5	WHITE QUARTZ VEIN 80% white quartz with 5% heavily hematized PYRITIC seams and clots-20% PYRITE along hematized fractures, minor very bleby fractures in white quartz, carrying, metallic grey mineral (possibly galena) at 506.5-507.0ft.	8125		502.5	507.5	5.0			0.002	
50)7.5	555.0	META-ANDESITE Strongly calcareous groundmass at 507.5 decreases to noncalcareous at 513ft. Non-magnetic. Fine-grained dull grey greenish tinged pseudoporphyritic- porphyro- blastic texture, occasional light green epidote splays associated with fractures. Grades into chloritic schist from 545.0-555.0ft.									
55	55.0	574.5	SCHISTOSE CHLORITIC ANDESITIC METAVOLCANIC: "Blotchy" blue grey, moderately foliated, moderately chloritized rather uniform unit which gradually becomes more intensely foliated chloritized and softer down- hole to a well developed chlorite schist at 270.0-275.0ft Nonmagnetic throughout strongly calcareous throughout. Occasional thin (1-3mm) white calcitic seams.									
100555 - TORONTO - 366-1168	74.5	588.0	Mafic volcanic breccia: hematitic quartz-carbonate zone Fine-grained andesitic autobreccia, grey green, with numerous vuggy white to pinkish reddish brown hematite altered calcite crosscutting fracture fillings (minor quartz) usually with 1-2% PYRITE in the calcite seams. Less than ½% PYRITE in volcanic groundmass. Calcite- hematite fracture comprises about 20% of rock, no epidote moderately magnetic, weakly silicified, strongly calc- areous.	8126 8127 8128		574.5 580.0 583.0	579.6 583.0 588.0	5.1 3.0 5.0			0.002 Nil Nil	
LANGP	38.0	593.0	Well fractured to brecciated fine-grained weakly to mcd- erately silicified mafic grey-green volcanic; strongly ca	-								

NAME OF PROPERTY_

BROOKBANK

					A ·			T			
F00	TAGE	DESCRIPTION			SAMPI	LE				ASSAYS	
FROM	то		NO.	SULPH	FROM	FOOTAGE TO	TOTAL	- ~.	7.	OZ/TON	OZ/TON
		calcareous, moderately to strongly magnetic, occasional thin (1-3mm) white quartz-carbonate seams becomes increasingly epidotized downhole.									
93.0	656.0	Well fractured to extremely crushed breccia of moderately silicified dacitic mafic volcanic. Heavily epidotized along fracture fillings, and as large (to 8") patchy ragged blotches commonly with fragment-like reddish hematitic clots associated with quartz-calcite fractures fillings. Very ruggy fragmental between 606.0-625.0ft. Groundmass and epidote blotches are noncalcareous but fracture fillings are strongly calcareous, locally up to 3% PYRITE, but volcanic groundmass carries less than ½% PYRITE. Variably nonmagnetic to strongly magnetic. Compositional grade of breccia fragments ranges from mod- erately silicified andesite to rhyodacite. Apparently, pre-brecciated composition interlyaering of andesitic to rhyodacite volcanism has occurred. Some altered seaming may be remanents of pillow selvages. Breccia becomes increasingly siliceous downhole from 643.0-656.0ft.	8129 8130 8131 8132 8133 8134 8135 8136 8137 8138 8139 8140 8141 8142		601.0 606.0 610.0 613.0 620.5 625.0 630.5 634.0 638.0 641.0 643.0 647.5 653.0	606.0 610.0 613.0 620.5 625.0 629.0 634.0 638.0 641.0 643.0 645.0 651.0 656.0	5.0 4.0 3.0 4.0 3.5 4.7 4.0 3.7 4.0 2.0 3.0 3.7 3.0			Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	
56.0	662.0	Smoky-grey rhyolitic breccia, moderately magnetic, no epidote, very fine (lmm) quartz and quartz-carbonate seams, 1% very fine pyrite.	8143		658.5	662.0	3.7			Nil	
562.0	663.4	Quartz vein, in part hematized, white to pinkish tinged 1% PYRITE associated with hematite. Few disseminated crystals of galena.	8144		662.0	663.4	1.4			0.005	
563.4	669.0	Well fractured intermediate volcanic, similar to section 656.0-662.0ft., grades to more mafic downhole,minor epidote and quartz-carbonate seams.									
569.0	692.0	VOLCANIC BRECCIA: Moderately silicified and calcite enriched. Intense compressional brecciation of mafic volcanic. Most fragments have been silicified and subsequently breccia eg:considerable post-silicification brecciation has occurred. Fragments vary considerably in degree of alteration and matrix material as well as the main ground mass is brecciated indicating more than one period of	8145 8146 8147 8148 8149 -		669.0 670.5 672.3 677.0 682.5	670.5 672.3 677.0 682.5 687.5	1.5 1.10 4.9 5.5 5.0			0.002 Nil Nil Nil Nil	

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-812

_ SHEET NO.__

8

SAMPLE ASSAYS FOOTAGE DESCRIPTION FOOTAGE % SULPH. NO. FROM то OZ/TON 7. OZ/TON IDES FROM TO TOTAL crushing, and injection of quartz-carbonate material. Fragments include: light yellowish-green felsic volcanic with chlorite-sericite fracture filling. Whitish grey well carbonatized guartz-diorite with embedded greenish subangular more mafic fragments and rimmed with black specularite seams: Greenish grey andesitic volcanic fragments rimmed with calcite seams. Variable impregnations of light pinkish tinged to reddish hematite alteration. 669.0 692.0 Minor concentrations of disseminated PYRITE mainly associated with the more felsic (silicified) components. The section is variably very weakly to strongly magnetic and moderately to strongly calcareous. The seam (fracture filling) structures are very calcareous. Appears to be epidotized calcitic pillow selvages t 691-692ft. Few blebs (1/8 chalcopyrite over 4") in white quartz at 671.0ft. 20% very fine black hematite (non-magnetic), possibly specularite, over 5inches at 684.5ft and 2" at 685.0ft..No epidote alteration observed. The rock contains variably intergrading "mixtures" and segregations of the above described lithologic components. 692.0 702.0 Fine-grained well fractured dacitic grey-green metavolcanic, fine crosscutting fractures epidote filled as well as two large (4-6") massive epidote patches at 697 & 670ft., occasional quartz-carbonate seamlet to 4mm thick. Groundmass noncalcareous but seams are calcareous. 366-1168 702.0 739.0 Massive fine-grained grey green meta-andesite with occasional small quartz-carbonate seams, moderately to strongly calcareous, weakly to moderately magnetic, minor compositional variations from andesitic to slightly - TORONTO silicified zones, no epidote. 703.0ft. 4 quartz-carbonate PYRITE weakly hematized veinlet weakly porphyritic from 727.0-739.0-coarser texture (metadiorite). Mcderately well fractured 702.0-730.0ft.

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FORM 2

NAME OF PROPERTY.

BROOKBANK

			HOLE NO. 83-B						3-B12 SHEET NO. 9				
FOOT	TAGE				SAMPI	LE				ASSAYS			
FROM	то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	7.	7,	OZ/TON	0Z/TON		
739.0	758.0	MASSIVE METADIORITE-GABBRO. Dark-green fragments-pseudo porphyroblasts (60-80%), light green epidotized feldspath ic matrix in part weakly hematized, ragged-speckled spotty texture on wet surface. Webby filament-like concentration of epidote (40-60% over 1-2" at 743-744ft. Very weakly calcareous except for narrow (up to 4cm) quartz-carbonate seams 5% of rock), moderately magnetic. No epidote alteration.	8150 - 8151		740.0 757.0	741.0 758.0	1.0			0.002			
758.0	758.5	White to pinkish tinged calcite-quartz-hematite veining over 6", 2% PYRITE.											
'58.5	774.0	Grey green calcareous dacitic meta-andesite; Fine-grained moderately hard, fractured, massive volcanic, very calcareous, moderately silicic, moderately to strongly magnetic. 5% white guartz calcite seams to 4mm thick: possibly a silicified metabasalt.											
74.0	777.0	Chloritic mafic volcanic breccia schist well laced with wispy lenticular seams of calcite and quartz-calcite subparallel to well developed foliation, 10% calcite seam ing, nonmagnetic very calcareous groundmass.	-										
77.0	783.5	TRANSITION ZONE: First quartz cobble at 777.0ft (well brecciated flattened hematized). Mainly fragmented-brecciated andesitic volcanic variably silicified, weakly hematized, inter- layered with well flattened weakly hematized very flattened brecciated, foliated polymictic pebble-ccbble metaconglomerate.	8152		779.0	783.5	4.5			Nil			
783.5	787.0	POLYMICTIC METACONGLOMERATE:Wetted surface is brightly varicoloured in stell grey, whitish, yellow-brown, orange-brown, reddish and minor dark grey hues represent- ing compositional variations in verv flattened, altered, fragmented to brecciated, foliated, and weakly hematized polymictic pebble metaconglomerate. Noncalcareous, nonmagnetic, well silicified. Texture in core ragged lensy banded gneissic. Fabric is sericitic.	8153		783.5	787.0	3.7			0.005			

FORM 2

BROOKBANK NAME OF PROPERTY_

			н	OLE N	o. <u>83</u> -	-B12		Sн	EET NO	10	
- FOO	TAGE	DESCRIPTION	Γ		SAMPI	E				ASSAYS	
FROM	то		NO.	% SULPH, IDES	FROM	FOOTAGE	TOTAL	7.	7.	0Z/TON	OZ/TON
787.0	788.0	Green schistose chloritic sheared metavolcanic with 10% quartz seams?pebbles?.					a.4901.949				
788.0	793.0	Quartz pebble-cobble metaconglomerate. Extensively flattened well fractured to brecciated dirty white to brownish quartzitic pebbles to cobbles with well hem- atized sericitic foliated fracture filling commonly carrying fine stringlets of disseminated PYRITE -1%. Occasional thin seam (less than 2mm, one band (5mm) of black hematite.	8154		788.0	793.0	5.0			0.02	
793.0	798.0	Mafic metaconglomerate (greenschist with whitish quartz- itic pebbles). Mafic clasts has lost all identity and have been completely altered to chloritic schist (80%). Interbedded in the chlorite are dirty-white to pinkish tinged quartzitic pebbles which have been flattened into lensy clots and well microbrecciated.									
798.0	803.0	Quartz pebble-cobble metaconglomerate as at 788 0-793.0ft	8155		798.0	803.0	5.0			0.01	
803.0	<u>810.0</u>	Transitional gradation zone from quartz-pebble metacong- lomerate to a chloritic schist with brecciated white to greenish tinged quartzitic pebbles, cobbles and rare bouldersize clasts.	8156		804.0	809.0	5.0			0.09	
810.0	901.0	Grey-greenish metaconglomerate. Well foliated, serite- chlorite, very flattened pebbles-cobbles (max. size at 916ft. is 4" across narrow width, flattened width unknown but probably one ft.),tightly compacted, poorly sorted; all whitish to grey green colour (wetted sur- face);nonmagnetic noncalcareous; Composition mainly greenish-grey clasts of mafic to intermediate composition intermixed with whitish granitic or quartzitic pebbles- cobbles, occasional well fractured to brecciated reddish cherty jasper clasts. The quartzitic cobbles are extremely microbrecciated with nearly complete alteration and recrystallization of all minerals except quartz. The mafic components have been largely altered to a chlorite schist and the more feldspathic material to sericite. Metamorphism appears to largely be related to extreme compressional stress, nonshearing and low temp-									

ME OF	PROP	ERTY BROOKBANK	FOOTACC			FOOTAGE	DIP	AZIMUTH	HOLE	NO. 83-	B12SH	EET NO.
LE NC		LENGTH	FOUTAGE	DIF	Azimon				REMA	RKS_		
CAT 10	м	·										
וסטדוד	E	DEPARTURE										
EVATIO	DN	AZIMUTH DIP							LOGGE	D BY		
				<u> </u>					- 			
· o o т	AGE	DESCRIPTION				SAM	PLE		_	,	ASSAY	s
ROM	то			N	O. SULP	FROM	F00TA	GE TOTAL	- %	76	OZ/TON	OZ/TON
01.0	927.	Grey-greenish metaconglomerate as above but co (1-3mm) laminae of mustard yellow greenish seri (10%). Also narrow (to 8inch) interlayers of c meta-lapilli-tuff appears with increasing abund hole to 927.0ft.	ntains t cite oarse gr ance dow	hin 8 8 ey 8 n- 8	L57 L58 L59 L60	901.9 908.2 913.0 917.0	5 908 1 913 0 917 0 922	.1 6.8 .0 4.1 .0 4.0 .0 5.0	1		0.002 0.002 Nil 0.002	
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HOLE N LOCATIC LATITUD	0F PROP 0. 83- 0N MET 0E 19+0	ERTY BROOKBANK B13 LENGTH 211 feet 211 -3 ALORE RESOURCES LTD. 00W DEPARTURE 1+10S	ip az 6	митн	FOOTAGE	DIP A2		HOLE N	ю. <u>83</u> RKS <u>BQ</u>	<u>B13</u> SH <u>17/1</u>	ΞΕΤ ΝΟ. <u>]</u> <u>6"</u>	
STARTE	D <u>Sept</u>	<u>abv.swmp_Azimuth_340</u> DIP_ <u>-40</u>						LOGGE	р вү	DON OL	IVER por	·
F.00	TAGE]		SAMP	LE			 A	SSAY	<u>ralsti</u> ' s	
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE		76	%	OZ/TON	OZ/TON	-1
0.0	8.0	CASING								Acr		
8.0	11.1	Very fine-grained greenish grey rock. Weakly fractured to 10.0ft. at which it becomes moderate. PYRITE - ½%. Hematite up to 10.0' is 1% and to 11.1' is 5% with 3% guartz-carbonate filled fractures. This unit is hard at 6 and containes 10% broken core. Epidote has been im- pregnated into the groundmass in a disseminated state.	8186	2	8.0	11.1	3.1			0.01		
11.1	12.8	Severely fractured quartz vein containing hematite 5%, quartz 65-70%, PYRITE 5-10% SPECULAR HEMATITE less than 1% and epidote less than 1%. Fractures are filled by the above.	8187		11.1	12.8	1.7			0.03		
12.8	29.10	Reddish hematized brecciated zone. This zone is mod- erately to severely fractured and brecciated locally. Hematite varies from red to brick red. This is a very siliceous zone with quartz-carbonate filled fractures. A quartz vein of similar appearance to 11.1-12.8' occurs at 14.0-14.7'. PYRITE content is 2%. Hematite occurs as wispy patches, blebs, veins, seams and dis- seminations. The hematite is more in the disseminated state down at 30.0'. PYRITE varies locally from 1-10%. An overall average would be 2-3%. PYRITE is occurring in cubes, fine-grained masses and in a disseminated state	8188 8189 8190 8191 8192		12.8 16.0 18.1 21.5 25.5	16.0 18.1 21.5 25.5 29.10	3.4 2.1 3.4 4.0 4.5			0.005 0.02 0.005 0.002 0.002		
CONDORES - TORONTO	70.0	Fine-grained greenish volcanic moderately silicified. This is a moderately fractured zone cut by 5-10% quartz and quartz-carbonate thin seams (up to 2mm). Hematite occurs in the amount of 10% at 62.0-62.4. But overall it is present as a minor occurrence of 1%. This is in th form of disseminations and as minute seams. PYRITE occurs locally tp to 5% but overall is 1%. It is gener- ally associated with the hematite. This unit is weakly	8193 8194 8195 8196		29.10 34.10 39.0 67.0	34.10 39.0 42.7 70.0	5.0 4.2 3.7 4.5			Nil 0.002 Nil Nil		

NAME OF PROPERTY	BROOKBANK	
HOLE NO.	LENGTH	
LOCATION		
LATITUDE	DEPARTURE	
ELEVATION	AZIMUTH	DIP
STARTED	FINISHED	

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 83-B13 SHEET NO. 2

REMARKS_____

LOGGED BY _____

	FOO	TAGE				SAMP	LE			A	SSAN	′ S	<u></u>
	FROM	то		NO.	SULPH-	FROM	FOOTAGE TO	TOTAL	z	ж	OZ/TON	OZ/TON	
			magnetic. Epidote is impregnated but no large wisps are visable. The hardness of this unit is 6.								Au		
+	70.0	84.2	A reddish (slightly) tinted very siliceous severely fractured brecciated zone. This unit is more of a stretched contorted rock than having an actual breccia appearance. Hematite is impregnated within this struc- ture in varying amounts of 2-5% locally. Quartz plays an active role of 25-30% in the form of crosscutting fractures, seams and veins. Hence an overall whitish- red appearance. SPECULAR HEMATITE is present in the amount of 1% and occurs as seams and enveloping small quartz patches. PYRITE occurs as disseminations, fine granular masses and as visable cubes. This occurs locally in the amount of 1-5%.	8197 8198 8199 8200		70.0 73.1 77.0 79.0	73.1 77.0 79.0 84.2	3.1 3.11 2.0 5.2			0.02 Nil 0.002 0.005		
56-1168 A	84.2	97.0	A fine-grained greenish rock similar to the unit from 29.0-70.0. Quartz and quartz-carbonate veining-2%. Epidote is impregnated in the rock with thin seams . PYRITE occurs in the amount of 1% in a disseminated state This unit is weakly- to moderately- fractured. From 91.3-93.0 quartz has increased to 15% but no increase in sulphides. This whole unit is weakly- to moderately- magnetic.	8201 8202 8203		84.2 87.0 91.3	87.0 91.3 97.0	2.10 4.3 5.9			0.002 0.005 0.005		
LANGRIDGES - TORONTO - 3	97.0	122.0	POLYMICTIC METACONGLOMERATE. This unit has a brecciated to gneissic flattened appearance. Quartz bands are primarily 50° to core axis. This unit is fairly soft at 5 except locally where more quartz is present. SPECULAR HEMATITE is present as small seams (less than lmm) in a total of 1%. PYRITE occurs as fine-grained disseminations in a total amount of 1-1½%. The quartz pebbles appear flattened and mafic pebbles appear as small (1-3mm) inclusions. Sericite has also been intro-	8204 8205 8206 8207 8208		97.0 102.5 107.0 111.7 117.9	102.5 107.0 111.7 116.2 122.6	5.5 4.7 4.7 4.7 4.9			0.05 0.005 0.01 0.005 0.01		

FORM 1

NAME	OF PROP	PERTY BROOKBANK FOOTAGE	DIP A	ZIMUTH	FOOTAGE	DIP	AZIMUTH
HOLE	NO	LENGTH					
LATITO	DE	DEPARTURE DIP					
FŐ	DTAGE				SAMI	PLE	
FROM	и то	- DESCRIPTION	NO		FROM	FOOTAG	TOTA
		duced in an amount of locally up to 5%. This rock is probably calcareous, due to carbonate and calcite seamin	a				-
122.0	0 161.0	As prior to this, a polymictic-metaconglomerate. Almost gneissic in appearance, this unit varies in silica and carbonate content locally as does hardness of 5-6.5. The quartz and mafic pebbles have the flattened appear-	820 821 821 821	9 .0 .1	122.6 125.10 130.4 143.0	125.] 130.4 136.0 147.7	LO 3.4 4 4.6 0 5.8 7 4.7

HOLE NO. _83-B13 SHEET NO. _3___

REMARKS ____

LOGGED BY _

FOO	TAGE				SAMP	LΕ			A	SSA	Y S
FROM	то	DESCRIPTION	NO.	SUL PH	FROM	FOOTAGE	TOTAL	36	ж	OZ/TON	OZ/TON
		duced in an amount of locally up to 5%. This rock is probably calcareous, due to carbonate and calcite seaming					-			An	
22.0	161.0	As prior to this, a polymictic-metaconglomerate. Almost gneissic in appearance, this unit varies in silica and carbonate content locally as does hardness of 5-6.5.	8209 8210 8211		122.6 125.10 130.4	125.10 130.4 136.0	3.4 4.6 5.8			0.03	
		ance. Sericite is not as evident as in the last unit. Mafic pebbles make up the primary constituent of this unit. Quartz occurs as pinkish veins and white pebbles up to $\frac{1}{2}$ " in size. PYRITE occurs as fine-grained dis- seminations in the amount of 1-2%.	8213 8214 8215 8454		147.7 151.10 155.4 158.0	151.10 155.4 158.0 163.2	4.3 3.6 2.8 5.2			0.03 0.03 0.04 0.01	
61.0	185.5	META_SEDIMENT. This unit is greenish-yellow in colour and shows fine to irregular laminations. Pebbles of a granitic texture are now evident and are visable up to 1" in size. A $\frac{1}{4}$ " jasper fragment is visable at 176.0'. The quartz pebbles have the flattened appearance. A large quartz vein is present from 163.2-164.0. Quartz is the primary constituent of 40%, but it is contaminated and altered to a greyish colour. PYRITE is present in this vein at 10% in the form of seams and disseminations. Sericite is also more evident here in the amount of 15-20%. Overall PYRITE content is $\frac{1}{2}$ -1%.	8216		163.2	164.6	1.4			0.09	
85.5	201.0	Greenish SERICITE SCHIST. This zone shows fine to irregular laminations. A ½" jasper fragment is present at 188.5'. Minor ones of less than lmm are also present but occuring in the amount of less than ½%. PYRITE occurs -less than ½%. Quartz pebbles are also present and are flattened. This whole unit is soft at 5.	8217 8218		186.10 192.2	192.2 197.0	5.4 4.10			0.002 Nil	
01.0 ОН	211.0	META_TUFF. Greyish tuff with 3-5% sericite laminations. 3½" quartz pebbles with 5% quartz seams. SULPHIDES less than ½%.									

FORM 1

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	NAME O HOLE NU LOCATIO LATITUD ELEVATI STARTED	F PROP 83 N <u>ME</u> E <u>17</u> ON <u></u> Set	ERTY BROOKBANK -B14 LENGTH 225.0 feet TALORE RESOURCES LTD. +00 W DEPARTURE 1+10S 	F00TAGE	DIP -35	AZIMU	лтн Г		DIP		HOLE REMA	NO83 RKS _B D BY	-B14 st 0 1 7/ DON 01 B.Kou	IVER y	
	FROM	то	DESCRIPTION			10. sú	<i>[%]</i> рн-	5 A M P	FOOTAG	E		7			
	0.0 28.0	28.0	CASING Fine-grained greenish andesite tending toward da This zone is weakly fractured with quartz as a f 5% quartz seaming and veining are 1-2mm in width white to pink in colour. One faint halo of hema evident at 38.0' a ½" in width. Epidote is more impregnated within the rock at 47.0' downhole. makes up less than ½% of the unit. Carbonate fi less than 1%. This mafic volcanic has a hardnes and is weakly- to moderately-magnetic.	cite. iller. and an tite visab PYRITE lling s of 6	ce is Ly is -6½		DES	FROM	то	TOTAL	.0	70	Au		
56-1168 	50.0	72.0	The groundmass of this unit is the same original as above, but it is more fractured and siliceous and quartz-carbonate are the fillers (5-10%) wit general impregnation of epidote. This occurs lo (1-5%) except at 59.0-60.0, where there is 10-15 fragmental epidote. The fractures in this epido are pink carbonate filled. The epidote also app the form of wispy patches up to 5". PYRITE -les ½% except at 60.3-60.6 where 10% is included in quartz vein. This quartz has pink carbonate as fracture filling. This zone is weakly magnetic, ing the absence of magnetite. Hardness 6-6½.	textu: Quan h a cally % breco te zone ears in s than a 3" a indica	ce ctz cia e n										
LANGRIDGES - TORONTO - 3	72.0	88.4	TRANISITION ZONE: This zone is beginning to take on a more fracture fragmental-brecciated appearance with the introde more hematite-15%. This zone is quite siliceous quartz and pinkish quartz veins and fracture fil Five percent carbonate occurs in this unit. The and veins are all crosscutting indicating the bee of the breccia zone. PYRITE content varies 1-5% generally occurs as disseminations in the hematic	ed with lings. fractu ginning; it te or a	of 82 82 1res82 1 1s	219 220 221 222 223		70.3 73.3 77.0 81.3 85.0	73.3 77.0 81.3 85.0 88.4	3.3 3.9 4.3 3.9 3.4			Nil 0.08 0.03 0.18 0.03		

NAME OF PROPERTY____BROOKBANK

HOLE NO. 83-814

_____ SHEET NO. _____

			н	OLEN	10. <u>83-1</u>	314		SHE	EET NO.	2	
F00'	TAGE	DESCRIPTION			SAMPI	E			-	ASSAYS	
FROM	то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	7.	%	OZ/TON	OZ/TON
		cubes along quartz seams. Epidote impregantion is still visable locally from 1-2%. The hematite occurs as seams, veins and fragments.	8224		88.4	91.0	2.8			Au 0.17	43
88.4	107.0	HEMATIZED REDDISH BRECCIA ZONE. This zone has a high silica content, except from 99.0-101.1 it is uniform in the brecciated appearance. Quartz content is approx- imately 30-35%; epidote has been introduced (20%) from 99.0-101.1 giving it a green appearance compared to red. Chlorite is also present (1-2%) as micro seams. PYRITE occurs as seams and disseminations 3-5%. This zone is weakly magnetic and has a general hardness of 6.	8225 8226 8227 8228		91.0 96.5 99.0 101.1	96.5 99.0 101.1 107.0	5.5 2.7 2.1 5.11			0.34 0.08 0.12 0.09	0.21
107.0	127.0	POLYMICTIC METACONGLOMERATE. Locally this would be gneissic but the overall effect of flattened pebbles makes it a conglomerate. Quartz occurs as seams, veins, flattened pebbles 15-20%. From 110.7- 112.6' quartz 40% is mixed with hematite and volcanic waste. PYRITE content in this quartz sections varies- less than 5%. Chlorite also occurs as lmm seams in the amount of 5% carbonate filled fractures are present as well as quartz-carbonate fillings. Hematite occurs as fragments up to ½" but mainly as seams or veins 5%. Overall mafic and quartz pebbles are the primary constit- uents. PYRITE occurs as disseminations in the amount of ½-1%. This unit is non- to weakly-magnetic and a general hardness of 6 is apparant except where chlorite and carbonate veining is present.	8229 8230 8231 8232 8233 8234 8235		107.0 110.7 112.6 117.0 121.2 125.6 129.10	110.7 112.6 117.0 121.2 125.6 129.1 134.	3.7 1.11 4.6 4.2 4.4 0 4.4 4 5.6			0.005 0.15 0.03 0.005 0.005 0.005	
127.0	167.0	POLYMICTIC METACONGLOMERATE. Locally gneissic appearance to flattened pebbles. As before, quartz and volcanic pebbles are the main components. Hematite (5-10%) occurs as fragments, fract- ure fillings and micro-seams. Quartz-carbonate and carbonate fills other fractures in the amount of 10-15%. Micro-seams are also filled by black specular hematite, 1%. 60-70% of the pebbles exhibit flattened and con- torted formations. PYRITE 1-2% occurs as fine-grained micro-seams. This zone is weakly magnetic.	8236 8237 8238 8239 8240 8241 8241 8242		134.4 139.3 144.0 148.1 154.0 158.9 164.2	139.3 144.0 148.1 154 158.9 164.2 169.1	4.11 4.9 0 4.10 5.2 4.9 5.5 4.11			0.02 0.002 0.02 0.02 0.01 0.06 0.17	

BROOKBANK NAME OF PROPERTY_

HOLE NO. ____83-B14

SHEET NO. 3

			T								
FOOT	TAGE	DESCRIPTION			SAMPI	_E				ASSAYS	
FROM	то		NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	7,	7.	OZ/TON	OZ/TON
167.0	186.0	METASEDIMENTS. This rock is brownish-grey to green in colour. Laminations are fine to irregular. A large 5" cobble is present at 182.0-quartz and reddish siliceous material. Jasper is present at $183.0-\frac{1}{2}$ " fragment. Volcanic waste is almost absent except at 109.0 where a 3" cobble is present. Quartz-carbonate compose 25-30% of the laminations. PYRITE $\frac{1}{2}-1$ % occurs as fine-grained microseams. The overall foliation in this zone is 50-60 to the core axis. The hardness of this unit is 5-6.	8243 8244 8245		169.1 174.3 177.0	174.3 177.0 182.1	5.2 2.9 0 5.10			Au 0.02 0.01 0.03	
.86.0	192.7	METASEDIMENTS as above but more greenish in colour due to more sediment material. Three cobbles of 4" are visable with a granitic texture. Laminations are as before- fine to irregular. Small jasper blebs are also noted ½";but are few in number. Downhole at 190.0 sericite is pres- ent as prior to this, it constitutes 1-5% of this unit. Foliation is now at 60-70 to core axis. PYRITE content is less than ½% and no hematite is noted. The overall hardness is 5-5½. Quartz cobbles and laminations make up approximately 15-20% of this unit.									
.92.7	223.0	SERICITIC UNIT. Sericite composes 60% of this unit and shows fine to irregular laminations. Minor jasper blebs of less than lmm and less than 1% are present. Small sections of no more than 4" have a more tuffaceous appearance than sericitic banding. However, the banding is still 60-70 to core axis. A few quartzitic cobbles of 3" are present and total quartz content is approx- imately 25%. This unit has a general hardness of 5-5½ depending on quartz presence. NO VISIBLE PYRITE.	8455		218.5	223.0	4.7			0.005	
223.0	225.0	Quartz-banded TUFFACEOUS ZONE. Sericitic content 20%; quartz makes up 15-20% and bands of ½" are 75° to core axis. This unit has the appearance of a lapilli-tuff. NO VISIBLE PYRITE and has a general hardness of 5.5.									
25.0	ЕОН										

	NAME O HOLE NG OCATIO ATITUD CLEVATI STARTED	F PROP D. 83 - N <u>ME</u> E 15- E 5- ON 9° Sef	ERTY BROOKBANK -B15 LENGTH 100 feet TALORE RESOURCES LTD. -56W DEPARTURE 0+67S -27 AZIMUTH 161 DIP -45 Dt. 23 '83 FINISHED Sept. 24 '83	OOTAGE	DIP	AZIMUTH	FOOTAGE	DIP A		HOLE I REMA	чо. <u>83</u> RKS <u>BQ</u> D BY]	-B15 SH 1 7/1 PENTI	EET NO 6" LASSIL	
ſ	FOOT	TAGE					SAMF	 γιε		11		SSA	/ S	
ſ	FROM	то	DESCRIPTION		N		H-FROM	FOOTAGE	TOTAL	36	75	OZ/TON	OZ/TON	
ſ	0.0	100.0	Fine-grained, grey-green well fractured to breccia volcanic, with quartz, quartz-calcite fracture fil	ted ling	81	.72	7.0	9.0	2.0			Au 0.03		
			seaming and veining. Variably hematized; includes weakly to strongly hematized (faint pinkish to brid	ck	81	73	9.0	11.4	2.4			0.03		
			reddish) fine (lmm-4mm) irregular variably oriented crosscutting seams, mottled reddish impregnations	d into	81	.74	11.4	15.4	4.0		·	0.04		
			volcanic material, and as brecciated fragments in dirty' quartz and quartz-calcite matrix. At many	a	81	.75	15.4	21.5	6.1			0.03		
			locations 'younger' non-hematized white quartz and	quar	z 81	.76	21.5	26.5	5.0			0.01		
			well hematized seams. It is evident that at least	some	81	.77	31.0	32.4	1.4			0.005		
			hematiti c silicalteration was completed and poss much of the white guartz-carbonate fracture filling	ibly g	81	.78	34.1	35.4	1.3			0.02		
			throughout the volcanic pile occurred subsequent to period of hematitic silicification.	o the	81	.79	42.0	47.0	5.0			0.005		
			The above note in this log characterizes the zone	as	81	.80	47.0	53.0	6.0			0.005		
			hole and is discussed here as these aspects are we exhibited in the two side by side holes of BQ and H	11 NQ COI	e 81	.81	53.0	60.0	7.0			0.09		
			The "groundmass" rock is a grey green volcanic, me	ta-	81	.82	63.0	64.0	1.0			0.09		
6-1168			andesite to metabasalt in composition which has be variably altered by secondary silicification and	en	81	.83	70.0	73.5	3.5			0.002		
RONTO - 36			hematization. In the most heavily altered breccia mafic components have been completely replaced by 1 red hematitic silica.	the brick	81	.84	88.0	92.0	4.0			Nil		
LANGRIDGES - TO			PYRITIZATION is most heavy concentrated along the of of hematite zones enveloping white quartz and appea to be mainly (but not totally) secondary to the red silica (e.g. post hematitic introduction). Local of entrations of disseminated euhedral cubic pyrite 1-	contac ars d conc- -1½mm	:ts									

FORM 1

<u>د</u>

FORM 2

NAME OF PROPERTY BROOKBANK

HOLE NO. 83-815 SHEET NO. 2

						SAMPI	F				A55A76		
	F00	AGE	DESCRIPTION	NO	% SULPH	JANFE	FOOTAGE			1			
	FROM	10			IDES	FROM	то	TOTAL	7	7.	OZ/TON	OZ/TON	
			up to 4-5% of the rock in the silicic zones are common.								Au		
			Weakly to moderately magnetic except in reddish silicifie zones.	a							-		
			Epidote alteration along fractures between 43-54feet.										
			Weakly to moderately calcareous groundmass; moderately to strongly calcareous along quartz-carbonate seams- veinlets.										
			Grades into fine-grained meta-diorite downhole from 73ft.										
	EOH		, ,										
			- 4										
æ			i i i i i i i i i i i i i i i i i i i										
366-116													
- 01N													
- TORC		•											
RIDGES													
LANG													
1													

1

FORM 1

NAME OF	PROPERTY	BROOKBANK			
HOLE NO.	<u>_83-B16_</u>	LENGTH	_66ft		<u>.</u>
LOCATION	METALOR	E RESOURCES LTD	· .		
LATITUDE	15+55W	DEPARTURE	0+67S		
ELEVATION	997	AZIMUTH	161	DIP	-45
STARTED	Sept. 2	4 '83 EINISHED	Sept. 24	'83	

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUT
 0'	-45°				

HOLE NO. 83-816_ SHEET NO. _1____

 $= \frac{1}{2} \left\{ \lambda_{\rm sc} - \beta^{\rm sc} + \frac{1}{2} \left[\lambda_{\rm sc} + sc} + \frac{1}{2}$

t

REMARKS NO 1 7/8"

оот	AGE				SAMP	LE				ASSA	r 5 –
ROM	то	DESCRIPTION	NO.	SULPH-	FROM	FOOTAGE TO	TOTAL	76	%	OZ/TON	OZ/TON
.0	66.0	Same as 83-B15.							1	Au	Ag
		Fine-grained, grey-green well fractured to brecciated volcanic, with quartz, quartz-cal cite fracture filling	8161		7.0	9.0	2.0	-		0.12	
		to strongly-hemotized (faint pinkish to brick reddish)	8162		9.0	11.5	2.5			0.002	
		seams, mottled reddish impregnations into volcanic	8163		11.5	14.8	3.2			0.08	
		and quartz-calcite matrix. At many locations 'younger'	8164		14.8	20.2	5.6			0.05	
		non-hematized white quartz and quartz-carbonate seamlets cut through an older generation of well hematized seams.	8165		20.2	23.0	2.10			0.02	
		It is evident that at least some of the more intense brecciation occurred after the hematitic -silicic alt-	8166		26.6	28.0	1.6			0.24	
		eration was completed and possibly much of the white quartz-carbonate fracture filling throughout the volcanic	8167		31.2	32.5	1.3			0.20	
		pile occurred subsequent to the period of hematitic silicification.	8168		37.0	43.0	6.0			0.19	
		The above note in this log characterizes the zone as hole	8169		49.8	54.0	4.4			0.06	
		and is discussed here as these aspects are well exhibited in the two side by side holes of BQ and NQ core.	8170		57.0	62.0	5.0			0.27	
		The "groundmass" rock is a grey-green volcanic, meta-	8171	•	62.0	66.0	4.0			1.14	0.46
		andesite to metabasalt in compositon which has been variably altered by secondary silicification and hematization. In the most heavily altered breccia the									
	_	mafic components have been completely replaced by brick red hematitic silica.									
.*		PYRITITZATION is most heavy concentrated along the contact of hematite zones enveloping white quartz and appears to be mainly (but not totally) secondary to the red silica (e.g. post hematitic introduction). Local concentrations	s								

.

FORM Z

NAME OF PROPERTY BROOKBANK

F	-00T	AGE	DESCRIPTION			SAMPL	-E				ASSAYS		
FRO	M	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	7.	7.	0Z/TON	OZ/TON	
			of the rock in the silicic zones are common.										
			Weakly to moderately magnetic except in reddish silicified zones.										
			Epidote alteration along fractures between 43-54feet.										-
			Weakly to moderately calcareous groundmass; moderately to strongly calcareous along quartz-carbonate seams- veinlets.										
			Grades into fine-grained meta-diorite downhole from 73ft.										
			From 57.0-66.0 ft. quartz vein with associated fragmented red silica alteration and 3-5% PYRITE follows downhole along core.										
			i										
366-116													
1 0110													
5 - TOR		•											
GRIDGE													
LAN													

	0	- []	AMOND DRILL R	ecord & log				-						X
LOCAT	ION: BROOKBAN	JK	<u>PRO</u>	PERTY: METALORE	RESOU	RCES				HOLI	E NO: S	<u>34-R</u>	<u>76</u>	
LATIT INCLI AZIMU START COMPL PURPO	UDE: <u>15 + 556</u> I N: <u>-45°</u> ITH: <u>342°</u> ED: JAN. 31, 1984 JETED: JAN. 31, 1984 DSE: <u>BLOOKBANK</u>	PEPARTURE: 0+675	LENGTH: CORE SIZE: DIP TESTS:	<u>107.0'</u> NQ	ELEVATIC DRILLED DRILLED	N: BY <u>: @</u> FOR: <u>/</u> /	90 rad Jetal	17 Ley Bi one Re		CLA: SEC: LOGO DATI	IM NO. ION: _ GED BY: E LOGGE	Barb D:TA	- Koux	 ,
FEE	ÉT.	DESCRI	PTION		SAMPLE	FE	ĒT	LENGTH			ASS	AYS		
From	To			·	NO.	From	То	1			Aut			Į
66.D	19-0 VOLCANIC	BRECCIA WITH F	PINNTE A	TERATIONI AND										
	MINOR Fe	*Ca - CAKBOWATE, CI	HLORITE U	EINLETS, / ESS	-			-						
	THAN 12,	· FINE-GRAINED	PYRITE.	<u>.</u>										t
														Ĺ
69.0	1070 FINE-GRI	AINED DIORITE. 4	JEAKLY MA	GNETIC, WITH	hin						i			
	290 VEIN	LETS (Ca-+ Fe-	CARBONATE	FPIDOTE, QTZ).										.]_
	LESS THAN	N 170 FINE-GRAU	NED DISSET	WATED PYRITE.	-							l	ļ	
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	F PROP	ERTY BROOKBANK	DIP	AZIMI	TH FOOT	TAGE		ZIMUTH	HOLE	NO. <u>83-</u>	<u> В17 </u> ян	EET NO.	
OLE N	083-	-B17 LENGTH 247 FEET 247	-41						REMA	RKS <u>N</u>	0 1 7	<u>/8</u> "	
OCATIC	N MET	TALORE RESOURCES LTD.											
ATITU	E	-0.0W DEPARTURE2+205		<u> </u>									
LEVATI	ON 10	05 AZIMUTH 342 DIP -45								_			
TARTE	SEPT.	24/83 SEPT. 25/83							LOGGE	р вү	. LASS	ILA L	æ
												6	. Kow
FOO	TAGE				s /	AMP	LE			,	SSAY	′ S	
FROM	то	JESCRIFTION	N	10. si		ROM	FOOTAGE	TOTAL	- 76	36	OZ/TON	OZ/TON	
0.0	6.0	Overburden							1		A11	Pα	
0.0	10.0	Casing							1		Au	ng	
												1	
10.0	138.2	Heavily fractured to brecciated grey to grey-green man	ic		1								
		volcanic of andesitic composition which has been	82	246	8.	.0	10.0	2.0			0.02		
		variably silicified and well laced with cross-cutting	-										
		white quartz-carbonate fracture filling seams to 4mm	82	247	10	0.0	13.0	3.0			0.002		
		thick. In part volcanic material has been intensely											
		silicified with brick red hematitic silica (complete	82	248	17	7.0	19.5	2.5			0.005		
		replacement of volcanic material in some breccia), whi	ch										
		has been subsequently? brecclated and fracture filled	82	249	23	3.6	26.7	3.1			0.03		
		with whitish quartz and quartz-carbonate injections.											
		Euhodral DVDIME is most abundantly concentrated in	82	250	28	3.2	32.0	3.8			0.02		
		Lunedral Fixing is most abundancily concentrated in	0.1		125	,	20 0	2 -			N:1		
		quartz-carbonate fracture filled seamlets (stockwork)		27	33	··/	39.0	3.5			NTT		
		in zones of red hematite breccia, but occurs	107	252	11		16 7	56			0 01		
		disseminated in variable amounts (0.5% to 3.0%)		- 74	1-1	•••	40.7	3.0			0.01	1	
		throughout all the lithologic components.	82	252	46	5.7	50.0	3.3			0.005		
		SPECULAR HEMATITE occasionally occurs in hairline	1										
		fracture seams, in the most silicified sections, and c	ut 82	254	52	2.1	57.0	4.9			0.03		
		most if not all lithological units (very minor amounts		-									
		less than ½% in silicified sections). At a few	82	255	57	.0	61.0	4.0			0.01		
		locations specularite forms as thin black borders,				1							
		between white injection quartz and red hematized	82	256	61	.0	66.0	5.0			0.04		
		fragments.											
		Pallick kennelisetise and asimilarly side interaction of	82	257	66	5.7	70.0	3.3			0.002		
		Redaish nematization and coincident silicification of			170		70 5						
		forture Both have your uprichle (uppkly to peoply	82	258	170	'·0	13.5	3.5			0.004		
•		complete) impermiated_roplaced_altered the matic					77 0	2 -			N1: 7		
		fragments, which as a result exhibit a polymerization	84	229	/ 3		//.0	5.5			NIL		
		of tints and shades ranging from grey-green to brick r	00 50	Sad			90.2	2.2			Nil		
		and shades langing from grey-green to brick i		.00		••	30.3	5.5					
	1 1		11		1				1		1		

FORM 1

5

NAME OF PROPERTY_BROOKBANK

HOLE NO. 83-B17 SHEET NO. 2

' [F00	TAGE				SAMPI	_E				ASSAYS		
ſ	FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	7.	3	OZ/TON	OZ/TON	
			commonly with distinct boundaries but also interblending	8261		80.3	83.7	3.4			0.002		
			Degree of fragmentation varies from intense to finely-	8262		85.0	87.5	2.5			Nil		
			fragments welded mafic volcanic of rather uniform	8263		88.8	92.0	3.2			Nil		
			Degree of foliation varies considerably from non-	8264		97.0	98.1	1.1			0.005		
			schistose bands of light red, greenish to blackish	8265		98.1	101.0	2.9			0.002		
			incorporated into the volcanic material (example at	8266		102.5	105.4	2.9			0.002		
			INTERPRETED INTERPRET.	8267		105.4	106.1	0.9			0.12		
			1) Andesitic to basaltic volcanic flows; 2) Modest compressional fracturing and guartz-carbonate	8268		106.1	109.8	3.7			0.005		
			<pre>injection; Introduction of cilico and homatite injection and</pre>	8269		111.5	114.2	2.9			0.002		
			 continued brecciation; A) Extensive broggistion of all units including hematite 	8270		128.7	132.5	3.10			0.005		
			 4) Extensive brecclation of all units including hematice altered material, with associated injection of white quartz-carbonate (post hematization period); 5) Formation of specularite seams; 6) Final formation of secondary pyrite. 	8271		133.5	137.3	3.10			Nil		
			This unit is non- to weakly- magnetic uphole from 95ft.; Moderately calcareous groundmass, strongly calcareous fracture fillings.										
6-1168	138.2	146.5	TRANSITION ZONE Interblending of variably silicified, flattened,	8272		138.2	140.2	2.0			0.002		
GRIDGES - TORONTO - 36	₽ ²	-	foliated altered, brecciated, non- to weakly- hematized volcanic fragments and polymitic metaconglomeritic material. Original fabric and texture completely obliterated:-fault melange- only pseudo texture indicating probable original identity remains; overall composition is dioritic to granitic: non-magnetic, weakly calcareous becoming noncalcareous downhole.	8273		142.5	146.5	4.0			0.002		
LAN													

FORM 2

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NAME OF PROPERTY_BROOKBANK

HOLE NO. 83-817

_____ SHEET NO. _____

F00'	TAGE	DESCRIPTION			SAMPL	-E				ASSAYS		
FROM	то		NO.	SULPH,	FROM	FOOTAGE TO	TOTAL	7.	7.	OZ/TON	OZ/TON	
146.5	247.0	POLYMICTIC METACONGLOMERATE (schistose to gneissic texture). Extremely flattened, foliated, sericitized to chloritized (minor) microbrecciated, recrystallized pebble to cobble size polymictic metaconglmerate. Poorly- to moderately well-sorted (in sericitized tuff pebble?-lapilli?- section) with variable and inter- mittent compositional changes of predominating clasts across section. Apparent tightly- to moderately- compacted (lower most portion with large cobbles in mainly arkosic matrix, coarse sericitic,quartz granule grey tuff-lapilli? sections to lft. thick in last 15 ft. of hole.										
		<pre>146.5-151.0 Interlayered lensy bands (pebbles); 30% brownish, 35% creamy greenish to brownish tinted, 30% dull grey to smokey grey, 5% green-all sericitic except green which is chloritic;over 40% quartz content;3% disseminated lenses of PYRITE.</pre>	8274		146.5	151.0	4.5			0.02		
		151.0-161.1 Dull grey banded (15% white quartz bands) quartz-dioritic;kaolinized?, 0.5% PYRITE.	8275		155.0	161.5	6.5			0.02		
		<pre>161.1-163.1 Pink-green quartzitic and white quartzitic, minor subgreywacke (dark) to feldspathic arkose (grey) bands.</pre>	8276		161.5	163.1	2.6			0.05		
		163.1-171.0 Creamy green (sericitic) and white quartz banded 5-1% PYRITE (meta-tuff?,lapilli?,	8277		163.1	167.0	3.11			0.002		
		felsic?).	8278		167.0	171.0	4.0			0.002		
	-	171.0-174.5 Boudinaged whitish, light greyish and finely fragmented hematitic silica breccia, 5% PYRITE stringers and disseminations.	8279		171.0	174.5	3.5			0.31	0.21	
: · ·		174.5-179.5 Light green to pinkish sericitic laminae; quartzitic (felsic metatuff-lapilli?); ½-1%	8280		174.5	178.5	4.0			0.005		
		PYRITE.	8281		178.5	179.5	1.0			0.06		

FORM 2

NAME OF PROPERTY_ BROOKBANK

HOLE NO. 83-817

SHEET NO.__

4

F00	TAGE		DESCRIPTION			SAMPL	E				ASSAYS		
FROM	то]		NO.	SULPH	FROM	FOOTAGE TO	TOTAL	7.	7.	OZ/TON	OZ/TON	
		179.5-183.0	Greenish- green grey bnads, 20% white quartz bands, 10% chloritic schist.										
		183.0-184.0	Similar to 171.0-174.5ft.	8282		183.0	184.0	1.0			0.02		
		184.0-187.0	Similar to 179.5-183.0ft.										-
		187.0-189.8	Mixture=sericite green, 5% black (specularite 3% white to pinkish quartz,30% light grey, 20% tan, 10% dark chlorite, 30% quartz breccia, 1-2% PYRITE, 1% thin SPECULARITE seams.	8283		187.0	189.8	2.8			0.02		
		189.8-193.5	Interlaminar green-grey, rusty brown, dirty white, pinkish brown, minor dark grey bands: 1% thin specularite seams; ½-1% PYRITE: Similar to 174.5-179.5 section.	8284		189.8	193.0	3.2			0.005		
		193.5-197.0	Boudinaged pinkish quartzitic breccia, fine greenish grey, whitish grey-brown flattened pebbles, grey quartzitic metatuff lapilli?, minor grey-black laminae.	8285		193.5	197.0	3.5			0.08		
		197.0-203.0	Mainly grey-green banded metaclasts (sericitic-chloritic schist) 20% white to pinkish brecciated silicic clasts.										
		203.0-214.0	Similar to section at 146.3 to 151ft. but more/grev (subarkosic)material: 5-1% PYRITE	8286		203.0	207.0	4.0			0.07		
1168			stringers and disseminations.	8287		207.0	212.0	5.0			0.09		
10 - 366-			212.8-213.6 ft. black silicate with few specs of CHALCOPYRITE, 1% PYRITE.	8288		212.0	214.0	2.0			0.005		
0665 - 10HON		214.0-247.0	Mainly greenish metaclastics, locally mustard yellow-green sericite laminae and up to 30% whitish flattened brecciated quartz clasts.										
247.0		END OF HOLE											

AME O	F PROPI	BROOKBANK	FOOTAGE	DIP	AZI	митн	FOOTAGE	DIP	AZIMUTH	HOLE	10.83-	<u>B.1.8.</u> SH	IEET NO.	
HOLE NO	. <u>83-</u>	B18 LENGTH 307 FEET	2.07		_					REMA	RKS_N	<u>q 1 7/</u>	8."	
LOCATIO	N MET	ALORE RESOURCES LTD.	307	-35	-									
LATITUD	E <u>14</u> +	00W DEPARTURE 1+75S	cap. s	orre	Ate	└∦								
ELEVATI	ON /C	05. AZIMUTH 032 DIP -40												
STARTED	Sep	Dt. 25, '83 FINISHED Sept. 27, '83		L		l		l			D. BY	DON OL	IVER .	in a
FOOT	AGE						SAMF	LE			A	SSA	YS	
FROM	то	JESCRIFTION		F	NO.	SULPH	FROM	FOOTAG	E TOTAL	76	%	OZ/TON	OZ/TON	
0.0	12.0	CASING										Au		
12.0	42.7	12.0-15.0 Ground core 19.5-25.0 Ground core 26.5-28.9 Ground core												
		Moderately fractured fine-grained greenish , wea siliceous volcanic, (an andesite grading to a da in composition at 42.7). The fractures (less th	kly cite an 10%	8) 8	289 290		28.9	32.4	3.7 1.2			0.002 Nil		
		are quartz and quartz-carbonate filled. Other t the unit is stable in uniformity as having a fin grained groundmass. The only location of intere 31.0-32.4; here 10% hematite is present in the f seams intermixed with quartz seams in the amount Associated with the quartz and hematite are visa pyrite cubes in the amount of approximately 10%. 37.10 downhole, epidote is visably impregnated i	han th e- st is orm of of 15 ble From n the	nis 8 5%. n	291		39.0	42.7	3.7			Nil		
		host and also occurs as 1mm seams in the amount At 37.10'a 4" cavity is filled by quartz-carbona high percentage of carbonate is present dure to rapid effervesence. But, only 1% PYRITE is pres The same situation occurs again at 39.0. PYRITE is 5% in this cavity.	of 10% te. A its ent. conte	ent										
42.7	73.0	This unit is more dacitic in composition. It is moderately fractured and silicified with a fine- greenish groundmass. Fractures are filled with quartz and quzrtz-carbonate (10-15%),epidote sea hematite (1%). Most of the epidote occurs as im nations and spotting in the form of phenocrysts. 42.7' a 10" cavity of pinkish quartz-carbonate is with 3% PYRITE; 85% of the seams and veins are at	graine ms (10 preg- At prese t 70-8	2d)%) 2nt 0	292		42.7	43.5	0.10			Nil		
		•												

NAME OF PROPERTY____BROOKBANK

HOLE NO. 83-B18 SHEET NO. 2

FÓO	TAGE				SAMP	LE				ASSAYS		
FROM	то	DESCRIPTION	NO.	SUL PH	FROM	FOOTAGE	TOTAL	7.	7.	OZ/TON	OZ/TON	
		to the core axis. The remaining 15% are cross-cutting each other at various angles. This unit is locally low- to medium-in magnetics. Total sulphide content within the groundmass is ½-1%. NOTE: Three feet of ground core from 63.0-66.0. Total content of epidote in this unit is 20%.		1025						Au		
73.0	110.0	Downhole to 82.10, this unit is similar to above except epidote is more visably present as impregantions rather than seams or phenocrysts. One micro-seam is present at 86.0 of 3" within a quartz vein which is either specularite or chlorite but is too small to positively identify. TOTAL SULPHIDE CONTENT IS ½-1%.	8293		82.1	87.0	4.11			0.14		
		Beginning at 82.10 downhole is a locally hematized zone (not brecciated) which alternates with hematitic enrichment (up to 30%) and moderately silicified volcanics. Hematite occurs as impregnation, wispy clots and seams-veins.	8294 8295		87.0 91.9	91.9 97.0	4.9 5.3			0.01 Nil		
		From 97.0-100.10 hematite occurs locally as a fragmental unit with lengths up to 4". Associated with the hematite is 1-3% euhedral, disseminated PYRITE. This whole unit appears more flow-banded than prior 73.0'. Alternating with the hematite zones are calcium enriched volcanics that are severely fractured with calcite and quartz as fillers. One-2% hematite is present within these volcanic sections as thin seams.	8296		97.0	100.1	3.1			0.002		
		The major calcium enrichment begins at 100.10 downhole. PYRITE content within the volcanics is $\frac{1}{2}-1$ %. Hence no such zone exists except an alternating sequence of hematite enrichment with calcium enriched volcanics, both bearing a stretched to flow banded appearance.	8297		103.1 108.6	0104.5 109.9	0.7 1.3			0.002		
110.0		This unit is a quartz-carbonate moderately fracture- filled volcanic. Fine-grained greenish appearance of dacitic composition. Hematite (2-3%) is present in the form of wispy patches up to one inch in size to micro- seams and veins. Quartz and quartz-carbonate occurs as 10-15% in the form of seams and veins. These are primarily 70° to C/A and have a width of up to ½".										

FORM Z

FORM 2

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-818

_____ SHEET NO.____

•												
	F00	TAGE	DESCRIPTION			SAMPL	_E			ASSAYS		
	FROM	то		NO.	% SULPH	FROM	FOOTAGE	TOTAL	7.	% OZ/TON	OZ/TON	
			121.9-124.0. This unit is fragmented to brecciated containing 2-3% hematite. Seventy percent of the angular fragments are calcium, quartz and volcanic. PYRITE content within the framented zone is 1%. Overall content is 2-1%.	8298		121.9	124.0	2.3		0.14		
			124.0-131.3 contains a moderately fractured silicified greenish volcanic, (Dacitic). Fractures are quartz- carbonate filled and 70° to C/A. PYRITE content within this section is less than ½%.	8299		126.7	131.3	4.8		0.005		
Ň	131.3	145.8	This unit varies locally from a moderately hematitic- brecciated zone to a flow banded fragmental zone.	8300		131.3	135.3	4.0		0.40	0.16	
			Hematite (25-30%) is intermixed with epidote, quartz and carbonate. In the more intensely brecciated areas there	8301		135.3	139.3	4.0		0.11		
			are 1% micro-seams of SPECULARITE and locally 3-5% PYRITE occuring as disseminations and seams. This is	8302		139.3	143.0	3.9		0.005		
			an area of intense mineralization and silicification. Epidote occurs as wispy patches and veins in the amount of 10%. Most of the quartz veining shows evidence of being introduced at a later stage in the formation of this rock. Total PYRITE content is $\frac{1}{2}-1$ %.	8303		143.0	145.8	2.8		0.02		
X	145.8	180.0	Up to 160.0 this dacitic unit alternates with (lengths up to 1.5'), highly silicified severely fractured areas.	8304		145.8	147.9	2.1		0.005		
			These contain epidote, locally up to 15%, overall hematite of 1-2%. Fractures are 80% filled by quartz	8305		147.9	150.9	3.0		0.03		
			and quartz-carbonate. PYRITE content varies from 1-15%, in the form of disseminations and seams. Indication	8306		153.0	158.4	5.4		0.02		
6-1168			of the alter_ations and multiple cross-cutting fractures shows that this was an area of intense	8307		163.0	167.0	4.0		0.02		
0 - 36			activity. This zone has been described as such, due to the complexity and irregular lengths of the two	8308		167.0	172.2	5.2		0.03		
TORONI			different occurences. A final note should be that this whole unit is calcareous.	8309		174 1	170 0	T • T +		0.005		
GES - 1	180.0	194.0	This zone is a well silicified carbonate enriched	σστυ		170 0	102 0	5.8 5.5		0.12		
NGRID			hematized zone of volcanic origin. To 187.0 hematite	o o o o o o		102 0	107 0	2.3		0.13		
اد			ls visable ,2-5%.	8312		183.0	18/.0	4.0		0.02		

NAME OF PROPERTY_BROOKBANK

HOLE NO. 83-B18 SHEET NO. 4

		······							<u> </u>				
	FOO	TAGE	DESCRIPTION			SAMPL	E				ASSAYS		
	FROM	то		NO.	1DES	FROM	FOOTAGE TO	TOTAL	7.	7.	OZ/TON	OZ/TON	
			Past 187.0'its presence drops to ½%, and hematite occurs as thin seams-veins and as impregnations within the groundmass. Quartz-carbonate occurs as 20-25% fracture fillings.	8457		187.0	193.0	6.0			0.05		
			From 187.0' downhole the texture is more of a flow- banded structure of a volcanic groundmass with quartz- carbonate filled fractures and veins. PYRITE seams and disseminations occur from 180.0-187.0=2-1% 187.0' downhole= 2%.3 (2007) This unit is also mildly sericitized 1%.										
*	194.0	215.0	This zone begins to take on the appearance of a polymitic meta-conglomerate. This unit is mildly hematized,2%, between 207.0-210.6. The greenish groundmass alternates between a fine- to medium- grained texture. Quartz and quartz-carbonate veins range up to $\frac{1}{2}$ " in width and occupy 20-25% of the rock. The angle of foliation is 75° to C/A. This unit is also mildly sericitized at 2% and PYRITE content varies locally from Nil to less than $\frac{1}{2}$ %, except from 207.0-210.6. This rock has a hardness of 5-5½.	8314		207.0	210.6	3.6			Nil		
	215.0	250.0	This is a continuation of the polymictic metaconglomerat as above. The only difference is from $239.0-243.8'$ where the texture would have to be called a schist due to its fine uniform banding 70° to C/A. Prior to this, the quartz and volcanic pebbles are visably flattened. Quartz-carbonate veining is also present in the amount of $20-25$ %; 70-80° to core axis.	8315 8316		229.6 239.0	235.0 243.8	5.6 4.8			Nil Nil		
366-1166			Between $229.0-235.0$ there is a slight impregnation of hematite in the amount of 3%.										
LANGRIDGES - TORONTO -	e-1		Throughout there is 3% sericite, except at 249.0 down- hole sericite is 15%. Total SULPHIDE content in this section is ½-1%. There is a general appearance of flattened quartz and volcanic pebbles as well as local- ly fine to irregular laminations. This whole section varies in hardnes from 5-6.5. This unit is non-magnetic and calcareous.										

FORM Z

FORM 2

NAME OF PROPERTY_ BROOKBANK

HOLE NO. _____83-B18____

_____ SHEET NO._____

	FOO	TAGE	DESCRIPTION	[SAMPL	E				ASSAYS		
FI	ROM	то		NO.	10ES	FROM	FOOTAGE TO	TOTAL	7.	7.	OZ/TON	OZ/TON	
25	50.0	263.0	This is a continuation of the polymictic metacong- lomerate; 20% quartz and quartz-carbonate veins and seams. Volcanic pebbles are flattened and gneissic pebbles are noted. Sericitic content has dropped to 2%	9042 8317		251.7 253.8	253.8 258.6	2.1 4.10			Nil 0.07		
			and not as evident as in previous unit.	8458		258.6	263.0	4.6			0.18		
26	53.0	291.0	META-SEDIMENTS. Dark green in colour with quartz and quartz-carbonate veining and granitic cobbles (2-3%). Jasper fragments were noted at 279.0 and 283.0. No visible SULPHIDES.	8459		263.0	265.7	2.7			0.002		
29	91.0	307.0	SERICITIC UNIT. Granitic cobbles are noted;quartz- carbonate veining 75° to core axis; two jasper fragments were noted at 302.0' and 306.10'. NO VISIBLE SULPHIDES.										
30	07.0	ЕОН											
366-1168													
ONTO -													
S - TOR		-											
NGRIDG													
2													

• • •

366-1168

FORM 1

NAME O	F PROP	ERTY BROOKBANK	OOTAGE	DIP	AZIMUT	TH FOOTAGE	DIP	AZIMUTH
OLE NO	o. <u>83-</u> E	319 LENGTH 370_ FEET	370	- 25				
00 AT 10	N METZ	ALORE RESOURCES LTD.	570	<u> </u>				
ATITUD	<u>е 14+(</u>	DOW DEPARTURE	cop. co	2000				
LEVATI		$27 \frac{292}{123}$ AZIMUTH 292 DIP -40			1			
TARTED	SEP-	E. 27 05 FINISHED SEPT. 29 05						
FOOT	FAGE					SAMF	PLE	
FROM	то	DESCRIPTION			vo. sui	PH- 50014	FOOTAG	E
						ES FROM	10	
0.0	6.0	CASING						
6.0	80.0	Woll fractured to broggisted warishly giligified m	afia					_
0.0	80.0	metavolcanic. Fine-grained light to dark green (h	ard),	8	319	31.0	33.	5 2.5
		well fractured to intensely brecciated. Variably	non-	8	320	37.0	40.0	3.0
i		to moderately-magnetic. Essentially noncalcareous	5]			
		strongly-calcareous (hairline) guartz-carbonate fr	actur	e 8	321	41.0	44.0	0 3.0
		fillings as well as many (5-10%) larger (up to ½ i	nch)	8	322	44.0	46.	7 2.7
		quartz-calcite seams.		ľ				
		Well altered with enidote except for reddish hemat	ized	8	323	52.5	56.4	4 3.1
		breccia sections. Epidote has replaced earlier ca	lcite		224	58 0	59	
		seams (now noncalcareous) as well as variably impr	egnat	ed	524	50.0	39.0	
		(saussaritized) much of the groundmass at some loc	ation	s. 8	325	61.4	62.	5 1.2
		hematized siliceous fragmental which is localized	as					
		zenolithic fragmental breccia "patches" within the	e ligh	t 8	326	68.4	/2.0	3.8
		green fractured volcanic.	-	8	327	72.0	75.	5 3.5
		SDECULAD HEMATTER OCCURE mainly as this (1mm) coom	lote					
		along fractures and cuts most fracture filling com		8	328	75.5	78.	5 3.0
		onents. Also occasionally forms "rims" on both si	des o	£				
		quartz-carbonate seams.		[[
		Several well breceisted stockwork-like quartz-carb	onate					
		fracture fill ed, moderately- to strongly-silicifie	d.					
		variably hematite altered sections, carrying up to	38					
	-	PYRITE locally, and ranging from a few inches to s	evera	1		ł		
		feet across the section. Such segments occur at: 4	2.5-					
		43.5;44.0-46.7;52.5-56.4;58.0-59.8 IEEE. The most silicic bematite altered zones are nonmag	netic					
		and any primary magnetite has been altered to hema	tite.				l	
				• • •	1	1		•

HOLE NO. _83-B19 SHEET NO. __1_

REMARKS NO 1 7/8"

36

TOTAL

3.11

%

LOGGED BY PENTI LASSILA B. Kowalski

ASSAYS

0.002

0.002

0.002

0.002

Nil

Nil

Nil

Nil

Nil

0.002

OZ/TON OZ/TON

NAME OF PROPERTY___BROOKBANK_

HOLE NO. 83-819

SHEET NO._

2

F00'	TAGE	DESCRIPTION			SAMPI	LE			A	SSAYS		
FROM	то	DESCRIPTION	NO.	% SULPH		FOOTAGE		2	7.	OZ/TON	OZ/TON	T
80.0	84.0	FAULT CRUSH BRECCIA: Extreme fracturing with 80% grey	8329	IDES	80.5	84.0	3.7			Nil		
		to brick red hematitic fragments, 8% white quartz impregnation, 2% cubic disseminated pyrite to 1mm.										
84.0	97.0	Fine-grained, hematite and calcitic seams within this metavolcanic, microbreccia-silicified to dacitic composition. Moderately to strongly magnetic. Light green epidote commonly rimmed with reddish hematite at several locations. PYRITE ½-2% locally.	8330		93.0	97.0	4.0			0.002		
97.0	179.0	FAULT CRUSH ZONE: Mainly silicified grey volcanic, with	8331		97.0	102.0	5.0		r	Nil		
		10% to 50% quartz content and 2-7% disseminated PYRITE.	8332		102.0	107.0	5.0		r	Nil		
		Hematized in part but most hematite washed out during	8333		107.0	112.0	5.0		(0.002		
		drilling: only 10% to 20% core recovery as small sub-	8334		112.0	117.0	5.0		r	Nil		
		rounded pebbles produced by polishing action during	8335		117.0	122.0	5.0		(0.002		
		drilling, very incompetent rock probably as a result of	8336	1	122.0	127.0	5.0			0.002		
		fault crushing.	8337		127.0	131.0	4.0		1	Nil		
			8338		131.0	137.0	6.0		1	Nil		
		93-177 feet 74.5 feet core lost in 84 feet.	8339		137.0	142.0	5.0		I	Nil		
			8340		142.0	147.0	5.0		1	Nil		
79.0	254.5	Well fragmented grey metavolcanic of dacitic composition,	8341		147.0	153.0	6.0		1	Vil		
		in part brecciated, fine crosscutting quartz-carbonate	8342		153.0	157.0	4.0		l	Nil		
		fracture filling seams (abundant) usually associated with	8343	{	157.0	167.0	10.0	sludg	e (0.01		
		epidote from 179-187 feet. Only occasional very minor		1								
		epidote seaming downhole from 187ft. Reddish hematite	8347		177.0	187.0		sludg		0.004		1
		alteration commonly associated with quartz-carbonate	8348]	189.0	191.0	3.0		I	NIL		I
		seaming. Few quartz-carbonate seams rimmed with thin	8349		201.6	204.5	2.11		1			
		(Imm-2mm) specular hematite, also minor PIRITE associated with quartz-carbonate seams. Moderately-to strongly- magnetic throughout.	8350		247.0	249.5	2.5			0.13		
		Hematite alteration, minor SPECULARITE and locally up to 2% PYRITE at 189-191 and 201.6-204.5 feet.										
t i i	-	247.0-249.5 Patch of white qurtz veining well enveloped in heavy red hematitic silica-also 8" patch of 70% red brecciated hematitic silica and white quartz, both mod-										
		erately to heavily PYRITIZED 2-5%. Several 1mm-2mm SPECULAR HEMATITE seamlets generally rimming quartz										

NAME OF PROPERTY_ BROOKBANK

HOLE NO. _______ SHEET NO. _____

	F00	TAGE	OFFCRIDITION			SAMPL	.E				ASSAYS		
Ī	FROM	то	DESCRIPTION	NO.	N SULPH	FROM	FOOTAGE TO	TOTAL	7.	*	OZ/TON	OZ/TON	
ŗ	254.5	259.0	Very altered flow, foliated volcanic breccia with white quartz veining (10-18" patches). Variable hues of colour tinting from dark grey volcanic material to rusty red hues with creamy-yellowish-greenish hues as halo-like envelopes associated with qurtz-carbonate injection. Very stretched foliated texture-fabric. Very light yellow-cream coloured alteration along white quartz feactures maybe kaolinization. Also minor black seamlets of specularite in quartz fractures. PYRITE occurs in all components, except white quartz, as dis- seminated stringers comprising 1-3% of rock.	8351		254.4	259.5	5.0			0.10		
	259.0	279.0	Similar rock as 254.5-259ft but without quartz veining. Mainly (70%) medium to dark grey foliated moderately-to well chloritized (darker components) fragmental volcanic. Well fractured to brecciated and subsequently flow foliated. Increasingly sericitic in lighter coloured	8459 8352 8353		263.0 268.0 270.0	265.7 269.3 274.0	2.7 1.3 4.0			0.002 0.12 0.02		
			more felsic material. Considerable whitish-yellowish- light greenish alteration:fractured mottled texture. More siliceous well brecciated material generally contain yellowish-brownish to reddish hematite alterations commonly with minor (1-2%) PYRITE. Variably nonmagnetic to weakly magnetic. Light yellowish-buff-brownish-reddish hematitic breccia mainly concentrated at 268-269;270-270.7;272-279 feet and variably between 275-279 feet.	8354		274.0	279.0	5.0			0.005		
ONTO - 366-1168	279.0	296.0	Fragmented greenish altered metabasalt(?). Fine-grained well fragmented welded weakly mottled texture fabric, finely peppered with white calcitic metacryststo lmm size. Variably laced with white-pinkish tinged calcitic seamlets. Nonmagnetic and weakly calcareous groundmass. One percent disseminated PYRITE. (weakly magnetic in spots 287 to 296 feet).										
GES - TOR	296.0	297.0	Fractured white quartz with stringlets of disseminated PYRITE (1%) along seams.	8367		296.0	297.0	1.0			0.01		
LANGRID	297.0	320.5	Green fine-grained metabasalt. Fine-grain green mafic volcanic, variably peppered with small (lmm-2mm) white-greenish tinged altered										

NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83-819

SHEET NO

4

FOOTAGE FROM TO	DESCRIPTION			SAMPI	"E				ASSAYS			
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	7	2	OZ/TON	OZ/TON	Γ
		feldspar? phenocrysts. Heavily (10-15%of rock) laced wit crosscutting quartz-carbonate seamlets. Fractured and foliated at 297 feet becoming massive at 310ft and increasingly foliated (chloritic) from 317-320.5ft.	n									
20.5	339.0	SCHISTOSE POLYMICTIC METACONGLOMERATE. Schistose, extremely flattened, lenticular frayed banding	8355		320.5	324.5	4.0			0.01		
		completely recrystallized clastic material with some altered (sericitic) laminar enveloped boudinaged reddish	8356		324.5	327.2	2.9			0.005		
		silicic breccia (5-10% of rock), pale whitish-yellow-green dark grey, brownish hues intermixed and interblended due	B357		327.2	328.6	1.4			0.04		
		to alteration. Locally 3-2% disseminated PYRITE occurs mainly as stringlets parallel to foliation.	8358		328.6	332.0	3.6			0.002		
		Sericitic, chloritic, gneissic schist.	8359		332.0	334.2	2.2			0.12		
39.0	366.0	SILICEOUS PEBBLE METACONGLOMERATE. Extremely flattened, sericitized quartzitic pebbles in	8360		334.2	339.0	4.10			0.002		
		sericitie laminae. Pebbles well fractured to brecciated and elongated to several times width; forming a gneissic	8361		339.0	342.5	3.5			0.002		
		banded boudinage texture. In part (mainly between 342 and 356) "laminae" (matrix) contain heavily hematized	8362		342.5	346.5	4.0			0.002		
		reddish brown fine (lmm) siliceous fragments and very thin (hairline to lmm) black laminae of very fine	8363		346.5	352.0	5.7			Nil		
		specularite?. All material appears to be finely brecciated or fractured	8364		352.0	356.0	4.0			0.04		
		PYRITE occurs as thin disseminated stringlets lineated parallel to foliation-banding. Generally 2-1% PYRITE	8365		356.0	361.0	5.0			0.005		
		and is most abundant $(1-2)$ between 345-346.5 ft.).	8366		361.0	366.0	5.0			0.01		
56.0	370.0	PEBBLE-COBBLE METACONGLOMERATE Similar to 339ft but contains large (cobble) clasts and is more mafic (30% dark grey material).										
70.0	ЕОН											
	•		1									

FORM Z

HOLE NO LOCATION LATITUD ELEVATION STARTED	F PROP 83- 83- ME ⁷ E 23- CN Sep - A G E	BROOKBANK -B20 LENGTH 272.0 feet TALORE RESOURCES LTD. +00W DEPARTURE 2+60S -997'AZIMUTH 342 DIP -40 Dt. 29 '83 FINISHED Sept. 30'83 DESCRIPTION	FOOTAGE	DIP -36		FOOTAGE S A M F		AZIMUTH	HOLE I	NO83 RKS NO	$\frac{-B20 \text{ s}}{1 7/8}$ $Don 01$ $\frac{60}{8} \text{ k}$	iver y	2 2010 2010
0.0	42.0	In general, a fine-grained greenish dacite modera fractured. This zone is moderately siliceous as tures are filled by quartz and quartz-carbonate a Epidote occurs as 10% in the form of seams and in tion. At 37.2' and 41.3' are 2" and 9" veins of red quartz-carbonate more in the form of cavity fill: Total hematization percentage is 1%. At 10.0',3 ground to 13'.Total sulphide content is locally 1 $\frac{1}{2}$ -1%.Note: from 24.0-33.0' this hole shows evidend having followed the previous hole. Hematite also as micro phenocrysts haloed by epidote besides of as seams. This zone varied locally from weakly- erately- magnetic and has a hardness of 6. From of previous holes, this zone can be considered to poor host for gold occurance.	ately frac- at 5-10 mpregna ddish ings. ' was less th ce of occurs couring to mod- eviden o be a	nan nan		FROM	то	TOTAL		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Au Au	OZ/TON	
42.0 LANGRIDGES - TORONTO - 366-1168	75.0	This zone can be considered the same original hose as above except it is more fractured with quartz carbonate fillings than above. From 42.0-58.0 hematite alteration has increased the form of veins and seams.Downhole from 58.0 th atit e alteration has dropped to ½-1%. This we is epidotized, heavily from 42-55 where visable p crysts are seen and downhole where a general impu- is evident. From 42-55 the epidote (15%) also of as wispy patches up to 2" associtaed with the her veins.From 58-58.4 is a section containing 85% qu with hematized host rock. PYRITE content within tioned section is 1%.Total PYRITE content varies from1-10%.This occurs as disseminated masses and seams. There is no set angle for a veining patter there is a complexity of cross-cutting. Hematite is usually more stable at 80 to core axis. Associated with the saussaritized epidote phenocrysts are mar-	st rock quart: to 5% he hem- hole un pheno- regnat: ccurs matite uartz the me local: micro ern as seamin ciated icro- . This	in in in ion ion ly	x	55.0	58.	5 3.6 2.2			0.002 Nil		

FORM 1

Diamond Drill Record

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-B20 SHEET NO. 2

FOOTAGE		DESCRIPTION			SAMPI	_E		ASSAYS					
FROM	то				FROM	FOOTAGE	TOTAL	7.	~.	DZATON	OZ TON	•	
		whole zone shows extensive alteration and metamorphism. Also this unit is locally weakly-to moderately- magnetic. This unit is locally 5.5-6 in hardness depending on silica and calcite content.								Au			
75.0	93.0	This zone is of an andesitic to dacitic composition. It is moderately fractured with 10% quartz quartz-carbonate filled fractures and veins. There is less cross-cutting and more of a tendency to a 75° foliation to core axis. Hematite content has dropped to ½% with a general impreg- nation of epidote. PYRITE content is less than 1% and occurs as isolated fine-grained cubes. This unit is weakly-to moderately- magnetic and has a hardness of 6. This is a more stable appearing unit in uniformity com- pared to prior units.	n a 20 million fan de menet yn angef gal gyll yn genedel yn a fernen ar yn ar gener feftig yn gyll yn ar gener				-						
93.0	110.0	This is the contact between the hematized fragmental to locally brecciated zone. From 93-98.5 there is a mild hematization at 3% compared to downhole at 5%. 107.5-110 contains the best breccia compared to fragments prior to this. The fragmental zone is intermixed with volcanic waste, epidote seams and quartz-carbonate seaming. PYRITE occurrence is associated with the hematite and occurs as fine-grained masks, isolated cubes and micro seaming. Less than ½% of SPECULARITE micro-seaming is also visable. The hematite breccia ranges in size from	8375 8376 8377 8378		94.9 98.5 102.5 107.5	98.5 102.5 107.5 110.0	3.8 5.0 5.0 2.7			0.03 0.02 Nil 0.02			
110.0	141.9	an area of intense alteration with a hardness of 6.5, due to the silica content. From 102.5-107.0' there is a purplish zone where magnetite has not been fully altered to hematite. This is a continuation of the siliceous hematized breccia	8379		110.0	113.8	3.8			0.06			
		zone.Downhole from 131.8' there is more showing of vol- canic host rock indicating the near termination of this hematized zone. Prior to 131.8' there is 20% hematize	8380		113.8	118.6	4.10			0.13			
		occuring as seams, veins and breccia. There is approx. 20% quartz occuring as seams and veins mixed with the hematite. No epidote is visable and PYRITE occurance varies locally from 2-10% in relation to hematite. Micro	8381		118.6	123.7	5.4			0.11			
			8382		123.7	127.0	3.5			0.07			
			8383		127.0	131.8	4.8		-	0.01			

RM 2

diamond drill record

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RM 2

NAME OF PROPERTY BROOKBANK

			н	OLEN	08	33 <u>-</u> B20		SHEET NO						
FOOTAGE		DESCRIPTION		SAMPLE					ASSAYS					
FROM	то	DESCRIPTION	NO.	-% SULPH	FROM	FOOTAGE	TOTAL	- 7.	*.	OZ/TON	OZ/TON			
		seams are also visable in the amount of ½% of SPECULARITE. From 131.8-141.9' there is an increase of 10-25% mafic rock.Mixed with the volcanics are 15-20% quartz-carbonate veining.1-5% PYRITE and less than ½% SPECULARITE occurs locally. Minor chloritic seams of 1% are also present. This zone has a hardness of 6.5 due to the silica content.	X 8384		131.8 137.0	137.0 141.9	5.4 4.9			0.005 0.01				
141.9	162.0	This is the beginning of polymictic metaconglomerate. There is still 2% hematite in this unit which occurs as $\frac{1}{4}$ " veins. 80% of this unit is of volcanic material with some lamination gappearance of 75° to core axis. 18% is of quartz-carbonate in the form of veins and seams. PYRITE occurrence is in the form of disseminations in the amount of $\frac{1}{2}$ %. This unit has a hardness of 5.5-6 depending on the carbonate and silica. 5% of the volcanic material appears as flattened pebbles.	8460 8461 8462 8385 8463 8464		141.9 147.0 151.0 154.0 155.2 157.8	147.0 151.0 154.0 155.2 157.8 161.0	5.3 4.0 3.0 1.2 2.6 3.4	te por radio da mante de aporte en constante da mante de la manera de		0.005 0.005 0.01 0.005 0.002 0.005				
162.0	185.0	This zone could be called a chlorite schist.20% chlorite present but 3% is present at 182.0 downhole.The fine laminations are at 75° to core axis and alternates between chlorite and mafic material.Hematite occurance is in the amount of 2% locally as impregnations.Quartz-carbonate seaming occupies 15% of the host rock.This appears to be a calcareous unit. PYRITE content less than ½%.The hardness is 5.Downhole from 182.0 this unit contains mafic laminations with 3% chlorite and 5-10% carbonates.	8465		166.0	168.5	2.5			0.01				
185.0	203.6	This is a continuation of the above unit but with more of an appearance of a polymictic comglomerate. There are fine to irregular laminations 75-80° to core axis with visably flattened quartz and mafic clasts. Slight hematitization is present in the form of impregnation of 3%.15-20% of the veining or laminations are pikish quartz and quartz-carbonate.Overall PYRITE content is ½-1% ex- cept locally at 3%. Minor seams of less than ½% are visable of SPECULARITE. Overall hardness is 6 due to silica content.	8388 8389 8390 5592 5593		186.0 190.6 195.1 200.1	190.6 195.1 199.9	4.6 3.7 4.8			0.005 0.005 0.002				
203.6	226.0	Pinkish sericite zone. At 207-208 the appearance is more of a volcanic schist.Overall however, is a sericite schist Lamination alter, between a green and pikish sericite. Laminating is primarily fine with foliation 70° to core	8392 8393		205.0 210.1	210.1 214.5	5.1 4.4			0.04 0.005				

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NAME OF PROPERTY_____BROOKBANK

HOLE NO. ________ SHEET NO. _____ 44____

FOOTAGE			T		SAMPL	_E		ASSAYS						
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL			0Z/TON	OZ TON			
		axis.Carbonate seaming is also present in the amount of 10-15% volcanic waste is still evident at 1-2%.This zone has less than ½% visable PYRITE.It also has a hardness of 5.5.The PYRITE occurs as disseminations assoicated with the volcanic waste.	8466		224.0	225.8	1.8			0.02				
226.0	245.0	This is an intermixed zone of meta-sediments and a flat- tened sericite schist. The sedimentation laminat ions are fine to irregular and vary 60-75° to core axis. Two ½" jasper blebs are noted at 231.0' and 238.0'.A faint cob- ble of grant e texture with a diameter of 2" is noted at 241.0'.At 233.0' downhole green sericite begins to occupy 25-30% of this unit.No SULPHIDES are visable.	8467		225.8	229.0	3.4			0.002				
245.0	272.0	This zone is an intermixture of a sericite schist (flat- tened) and a sericitic tuff with a fine-grained ground- mass.In the flattened appearance quartz veins are pulled the length of the core in a contorted fashion.This oc- curence is limited to the tuffaceous areas with sericite also pulled through the material.At 268.7' and 267.0' a 4" and 2" band of quartz are present but no related min- erals.SULPHIDES are not noted within this unit.	8395		245.0	249.8	4.8			0.002				
EOH														

-								007107		AZIMUTH	HOLI	NO. 8.2.	-BZI SH	LET NO.	<u>_</u>	
NAM	E OF	PROP	ERTY BROOKBANK	OOTAGE	DIP	AZIMU	JTH	OUTAGE			REM	ARKS_	<u>NO 1 7</u>	/8"		
HOLE	E NO		LENGTH DIF LEEL	00	-64											
LOCA	AT 101	METZ	ALORE RESOURCES LTD.	86	-60				-							
LATI	TUDE	=	JUW DEPARTURE 5+035													
ELEV	ATIC	N	020AZIMUTHA2 DIP65								1.06	FD BY	P.LASS	ILA AN	D D.OI	IVE
STAR	TED	Oct.	_ 16'83 FINISHEDOCt, 22 '83			4							per 12	Sail R	•	
	~ ~ ~							SAMP	LΕ				ASSA	YS		
		AGE	DESCRIPTION				%		FOOTA	SE				/		
FR	ом	то					UL PH-	FROM	то	ΤΟΤΑ			OZ/TON	OZ/TON		
0.	0	8.0	CASING													
LANGRIDGES – TORONTO – 368-1168	0	112.0	Moderately silicified propylitized mafic volcanic. I grained, dark green fractured volcanic, possibly in originally a basalt which has been subsequently all introduction of quartz into the groundmass. Now main dacitic in composition, hard to scratch. Numerous fi irregularly oriented crosscutting fractures filled quartz-carbonale, epidote and hematite apparently ma- in that sequence with occasional exceptions. Many qu- carbonate seams are hematite rimmed commonly with a iated PYRITE, some seams mainly epidote; the main hematitic seams usually cut the other structures. A 10-17' vesicular-like, calcite filled, epidote rimme phryoblasts indicate a possible vesicular basalt ge Groudnmass is essentially noncalcareous, but fractu- are calcareous, less so in epidotized seams and som noncalcareous hematitic sections.Generally weakly the ently caused by very finely disseminated magnetice. Compositional alteration variations, from nonsaussa grey generally moderately to strongly magnetic daci intensely saussaritized light green speckled (felds dioritic(?) less magnetic sections intergrade inter- tenty throughout the unit. The above unit contains several zones of heavy alter fracturing brecciation and crushing with introducti quartz, calcite, epidote, hematite and PYRITE: main sections are noted below: 22-36.5;Fault fractured to brecciated zone with hea- epidote swirls and seams 32-33.5', minor quartz-carb and reddish hematite alteration, minor PYRITE alon	Fine- n par tered hly fine with ainly lartz assoc ly At enesi are to mos are tions appa: teretic spars cmit- eratic avy onato	t by - r- s. d- r- zed to) ons. of h e	3468		32.0	36.5	4.5			0.002			

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WEM 1
NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83 B21

SHEET NO.___

F001	TAGE				SAMPL	E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	•	٦	OZ/TON	OZ/TON	
		37.0-38.5; Fracture silicic PYRITIC (5%) volcanic and vuggy white quartz with 1% PYRITE.	8469		37.0	38.5	1.5			0.002		
		38.5-43.0;Brecciated to fault crushed moderately silicic light green volcanic, thin quartz-carbonate fracture in-fills,locally reddish hematitic, ½% PYRITE.	8470		38.5	43.0	4.7			Nil		
		51.5-53.5; Well fractured, heavy epidote swirls and seaming minor red hematitic seams, quartz-carbonate clots seamlets with 1% PYRITE.	8471		51.5	53.5	2.0			Nil		
		61.5-64.0;Fractured to brecciated volcanic with distinct rusty red hematite seams to ½" thick (2%) quartz-carbon- ate and epidote seams-veinlets.Up to 3% PYRITE in hematite quartz carbonate fracture filling.	8472		61.6	64.0	2.6			0.002		
		64.0-81.0;Generally moderate to heavy saussaritization of feldpsar lends to speckled pseudodiabasic texture due to greenish alteration of feldspar laths.										
	Ν.	74.0-83.0;Distinct hairline fracture seams of rusty hema- tite.										
		83.0- 87.0;Relatively uniform massive grey dacite; moder- ately to strongly magnetic.										
		87.0-112.0;Considerable variation intermittently in degree of fracturing-brecciation, intensity of alteration and	8473		87.0	91.0	4.0			0.005		
		compositional changes in groundmass material (groundmass is	B474		91.0	95.0	4.0			Nil		
	<u>.</u> .	essentially dacitic). Only minor local epidote alteration.	8475		108.5	110.5	2.0			Nil		
112.0	. 117.0	Completely fault crushed crumbly material.Mixture of grey volcanic granules, reddish hematite fine (to 3mm) fragment and minor quartz-carbonate injection material, ½-1% PYRITE	8476		112.0	115.5	3.5			0.005	2	
117.0	163.0	Fine grained, grey-green metavolcanic; very similar unit to that of 8-112' except that it is essentially nonmag- netic and epidote alteration is much less prominan ⁺ and										

FOOTAGE

FROM

τo

PYRITE.

BROOKBANK NAME OF PROPERTY_

	н	OLE N	o. <u>83-</u> B	21		SHE	EET NO.	3		
			SAMP	.E				ASSAYS		
DESCRIPTION	NO.	-% SULPH		FOOTAGE				0.1.100	07.170	
		IDES	FROM	то	TOTAL			02/100	02,104	
limited essentially to fractures.Goundmass is virtually	8477		119.5	122.0	2.7			Nil		
mafic (trending towards andesitic rather than dacitic). Except for a few locations epidotization is more and light	8478		141.5	144.5	3.0			Nil		
er in colour (clinozoisite?).Hematization is much less prominant and occurs as thin fracture filling seams.	8479		144.5	146.5	2.0		-	Nil		
PYRITE and minor pinkish to reddish hematite and epidote										
pccur at:119.5-122.0; well fractured volcanic with 20% quartz-carbonate minor hematite and 1-2% associated PYRITE										
1141.5-144.5:Well Iragmented grev-green volcanic with 15%	ł		1		1				f í	

	144.5-146.2; quartz	veining	(40%)	epidote	(20%)	PYRITE	<u>፟</u> ระ
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white to pinkish quartz-carbonate and 7% bright sea green epidote seaming, very minor (5%) reddish hematite, 5%

Gradually grades to fine grained metadiorite at 163.0.

163.0 177.0 Metadiorite; Saussaritzed (speckled) metadiorite becomes downhole increasingly fragmented to flow foliated brecciated with lensy splashes of reddish hematite and lensy wispy calcite seams. Noncalcareous groundmass at 163' becomes strongly calcareous, moderately well foliated and chloritized below 170'.

141.5-144.5; well fragmented grey-green

- 177.0 179.5 Hematized, chloritic, foliated, PYRITIFEROUS (1-2%), frag- 8480 mented dark grey metavolcanic 177-178'.178-179.5' mainly well fractured white quartz and lesser PYRITIFEROUS red hematite breccia (2% pyrite).
- ²179.5 279.0 Greenish grey metadacite intergrades into fine grained 8481 diorite.Fine-green, greenish-grey to grey hard 5, massive volcanic, strongly calcareous 179.5-183', then continues downhole as non-to weakly-calcareous groundmass.Moderately to strongly magnetic throughout.Weakly-to locally-exten-. sively fractured.Numerous thin (less than 2mm) irregular briented guartz-carbonate seams and occasional veinlet to · · · * 1" thick.Commonly epidotized.Few thin SPECULARITE seamlets Compositional and grain size variations range from metadacite-andesite to metadacite (diorite to quartz diorite) and intergrades indistinctly and variably throughout; otherwise a rather uniform massive unit except for some

177.0 179.5

234.5 238.5 4.0 Nil

0.002

2.5

Diamond Drill Record

6

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NAME OF PROPERTY____BROOKBANK

HOLE NO. ______

_ SHEET NO._

FOO	TAGE	DESCRIPTION			SAMP	_E				ASSAYS		
FROM	то		NO.	SULPH	FROM	FOOTAGE TO	TOTAL	7	3	OZ/TON	OZ/TON	
		intensely fractured, altered, silicified, PYRITIZED sections noted below.										
		234.5-238.5; Very fractured reddish tinged dull grey altered metavolcanic.Intensely finely fractured, tracolitic (?) metavolcanic with numerous, quartz-calcite-epidote filled irregular oriented hariline seams, prominent purplish- brown hematite-quartz-carbonate veinlet (altered pillow selvage?); rusty red, hematite quartz-calcite seams, white quartz and quartz-calcite veinlets to over ½" thick. Variable disseminated PYRITE locally to 3%.					-					
		245.0-247.0; Similar to section at 234.5-238.5' but also includes 3" section heavily laced with epidote.	8482		245.0	247.0	2.0			Nil		
279.0	304.0	Moderately silicified, very fractured, variable altered metavolcanic with compositional variations from metadiorite	8483		280.5	285.5	5.0			Nil		
		to metaquartzdiorite, very to fine medium grained, weakly	8484		293.5	295.5	2.0			Nil		
		but with numerous calcareous fracture fillings. Alteration products appear to be mainly associated with the fracturing and exhibit extensive variation of combinations of alteration material including: quartz; quartz-calcite; quartz-calcite-epidote; quartz-calcite-hematite; quartz- calcite-hematite-epidote; epidote; and occasional SPECULARITE seams. Secondary PYRITE occurs in minor amounts with all alter- ation products but is generally most abundant in the sil- icic red-hematite seamlets.Occasional CHALCOPYRITE blebs occur in the white quartz-carbonate. Fracture patterns are very irregularly oriented and com- monly crossing.Locally weak foliation has developed along with a poorly developed linear fabric. Main zones of fracture filled alteration material: Occurs at 280.5-285.5';293.5-295.5';298.5-304'.	8485		298 5	304.0	5.7			Nil		
304.0	384.5	Metavolcanic; well fragmented to brecciated, fine grained, dull greenish to dark grey Hues, nearly black chloritic fracture fillings (matrix), weakly flow foliated in part, hard 5, minor 5% quartz-carbonate seamlets, occasional quartz veinlet ½" to 1.6" thick commonly rimmed with										

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-821 SH

SHEET NO.

FOO	TAGE				SAMPI	E		I		ASSAYS	
FROM	TO	DESCRIPTION	NO.	SULPH		FOOTAGE		7	3	OZ/TON	OZ/TON
		hematite and PYRITE.Mainly intermediate in compostion. Some quartz-calcite-hematite seamlets may be remanent pil- low selvages.Mainly moderately magnetic and noncalcareous groundmass. From 358-365;372-373;378-379' segregations and isolated small clots of PYRITE occur (approx 10%) from 363-364'.	8486		332.0	335.0	3.0			0.002	
		382.5-384.5 Foliated breccia zone; quartz-calcite and red hematitic silicate, clinozoisite 382.5-383.5; 20% PYRITE 383.5-384.5 in black matrix hematitic silicic breccia.									
384.5	409.	Fine-grained grey metavolcanic.Dacitic volcanic at 384.5 grades to grey meta-andesite(?) at 391'. Meta-andesite is softer (H4) and finely porphyritic with small (up to 1½mm) light greenish phenocrysts (saussarit- ized amygdules) and dark grey (chloritic) in colour. Weakly magnetic and noncalcareous groundmass.Moderately well laced with epidote fracture filling and lesser earler small (to 3mm) quartz-carbonate seamlets. Pillow selvages well evident at 387.5,391.0,391.5,393.5,390 398.4,399.8,400.5,402,403,404, and 405.5'.Selvages range from ½" to ½" thick and are filled epidotized quartz carbonate and minor (1%) PYRITE.Volcanic is weakly to locally well fractured.	8487 ,		382.5	384.5	2.0			0.002	
409.0	433.0	Sharp contact with metadiorite.Massive uniform unit,robins egg green peppered texture due to light greenish saussari- tized feldspar laths (to 2mm).Medium grained dark green mafic minerals and/light green laths exhibit diabasic texture.Occasional epidote seams and rate quartz-carbonate veinlets.Weakly magnetic, noncalcareous.									
433.0	471.0	Metadiorite as above but exhibits considerable variation (inte gration) in grain size from medium grained peppered texture to smooth fine grained massive grey green volcanic The finer grained components also are harder and apparantly slightly more siliceous. The groundmass is noncalcareous and weakly to locally moderately magnetic. The section is well laced with light green alteration products (clino- zoisite) and several quartz and quartz-carbonate veinlets 4" to 1" thick.	7					normality and international statements of the			

2

NAME OF PROPERTY_____BROOKBANK

FOO	TAGE				SAMPL	.E			ASSAYS		
ROM	то	DESCRIPTION	NO.	SULPH		FOOTAGE			OZ/TON	OZ /TON	
71.0	520.0	Metadiorite:same as at section 409-433' except for minor variations in grain size and composition.Essentially non- magnetic and noncalcareous except for occasional quartz- carbonate seam. Becomes slightly chloritic downhole from 480'.Below 500' saussaritization fades out and apprently kalonization replaces it.		IDES	FROM	TO	TOTAL				
20.0	550.(Meta-diorite; texture varies from medium to coarse-grained. Essentially non quartzitic except for minor veins, and a 2" band at 524'.Epidote occurs as wispy blebs and saussar- itized spots, in the amount of 3%.Associated hematite seam are less than 1%.This unit is low in magnetics.One 7" quartz carbonate vein is at 542' but no sulphides are noted, except less than 1%.	8488		540.4	542.0	2.8		Nil		
50.0	607.0	Diorite; coarse salt and pepper texture becoming finer grained 57.2' downhole.Greenish in colour with a high percentage of mafic minerals.Quartz-carbonate seaming is very minimal at less than 1%.This unit is non-magnetic and contains epidote at less than ½%.Hardness is varying from 5-6.This is a very uniform unit.No sulphides are noted.	8489		554.5	559.4	4.11		Nil		-
07.0	628.5	This unit is becoming a metadiorite as more quartz is beginning to appear. The groundmass is still greenish-grey with a medium to coarse grained texture. Thin quartz- carbonate seams and veins are 60-70° to core axis., and occur in the amount of 5%. A large vuggy quartz-carbonate zone is present from 619-621'. This has a minor percentage of PYRITE (less than ½) downhole from 623' the thin quartz-carbonate seams begin to cross-cut each other. Sulphides are not noted except in assoication with the large quartz-carbonate zone. The hardness of this unit varies from 5-5.5. This zone is also low in magnetics in- dicating a low magnetite percentage. A fairly uniform unit.	8490		619.0	622.7	3.7		Nil		
8.5	674.5	This is basically the same rock type as above. This is more of a co.arse-grained texture and is greenish-grey in colour. Another large quartz zone is present from 629.5-632 where quartz varies from 50% upwards. However, sulphide content is less than ½%. To 654' quartz-carbonate thin									

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NAME OF PROPERTY____BROOKBANK

F00'	TAGE	DECODUCTION			SAMPL	E				ASSAYS	
FROM	то	DESCRIPTION	NO.	SULPH		FOOTAGE		~	-	07/704	07/104
		seams occupy 3% of the host, but downhole from 654' the quartz-carbonate seams and veins occupy 10-15% of the	849] 8492	IDES	FROM 629.0 670.0	^{T0} 631.9 673.0	2.5 3.0	*		Nil Nil	
		rock. These vary up to ½" in width.PYRITE content is gen- erally less than ½% but locally occurs as ½-1% as dissem- inations. The quartz carbonate veins have a flattened and pulled downhole appearance. This unit is generally low to nonmagnetic and has a hardness of 5-5.5% From 672-673' small seams of hematite appear and occupy 2-3% of the host. In 629-631.5 small CHALOPYRITE bleb.									
73.0	682.5	Contact with reddish hematized brecciated zone.This zone exhibits microbrecciation laced with thin PYRITE seams.Total PYRITE content is approx. 3%.This is in the form of disseminations and seams.Hematite occupies 20-25% of this unit and microseams of 1-2% of SPECULARITE.This unit is very hard at 6-6.5.	8493 8494		673.0 678.0	678.0 682.9	5.0 4.5			Nil 0.002	
82.5	698.5	This unit has the appearance of a siliceous polymictic meta-conglomerate.Flattened quartz pebbles are evident while hematite is present in the amount of 10% in the form of seams and veins.PYRITE occurs as disseminations in the amount of ½-1%.Angle of folation (gneisic like) are 65-70 to core axis.This unit is hard due to quartz.	8495 8496 8497 8498		682.5 687.0 692.0 694.7	687.0 692.0 694.7 698.5	4.7 5.0 2.7 3.10			Nil Nil 0.002 0.09	
98.5	727.0	This zone is more of the reddish hematized brecciated zong.This shows good brecciated fragments.Hematiterandle quartz are the main, constituents in this zone and each are represented equally.PYRITE content ranges from overallears	8499 8500 8501 8502		698.5 702.9 706.9 710.0	702.9 706.9 710.0 715.0	4.4 4.0 3.3 5.0			0.02 0.005 0 005 0 03	
		5%+locally 7%. This occurse as interopteeans and dissemination SPECULARITE occurs as less than ½% as micro seams.	\$8503 8504		715.0 720.0	720.0 725.0	5.0 5.0			0.08	
27.0	757.0	This is more of the polymictic metaconglomerate.This is darker in colour (grey-white) due to decrease of hematite. The percentage now is overall 3-5%.This unit is gneissic in appearance due to folicitons 70°-75° to core axis.	8505 8506 8507 8508		725.0 728.1 730.6	728.1 730.6 734.0	3.1 2.5 3.6			Nil Nil Nil	
		Flattened quartz pebbles are evident as well as volcanic waste.One large 4" quartz pebble is present at 750'. PYRITE is evident as disseminations and micro seams loc- ally 1-2%.Light green sericite is present as laminations in the amount of 1%.	8509 8510 8521		750.0 753.0 748.3	753.0 756.0 753.3	3.0 3.0 3.0 5.0			N11 0.09 Nil 0.02	

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NAME OF PROPERTY_____

BROOKBANK

F00	TAGE				SAMPI	E				ASSAYS		
FROM	το	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	2	3	02/TON	OZ/TON	
		NOTE: CORE BARREL LOST AT 757' WEDGE PUT IN AT 748'.										
757.0	772.0	This zone is a continuation of the polymictic to iron formation.Downhole from 744' sericite begins to make a more	8522 8		757.0	759.4	2.4			0.03		
		noticable appearance at 5-10%.Volcanic material alternates with quartz-carbonated throughout with the presence of red silicic material, locally less than 10%. Micro seams of PYRITE generally occurs in association with the more sil-	8523 8524 f		763.0 766.6	766.6	3.6 3.3			0.05 0.10		
		quite a degree of variance locally with the sericite, volcanics, silica, to a PYRITE enriched siliceous zone to the opposite.Carbonate % is low according to acid test.			-							
772.0	796.9	This is a continuation of the above zone and is quite sim- ilar with the exception of the introduction of sediment material locally.This is still the iron formation, gneissic looking due to banding.Sericite (pinkish looking)	8525 8526 8527		769.9 775.0 786.0	775.0 779.0 789.0	5.3 4.0 3.0			0.02 0.04 Nil		
		is present as 10-15% in the form of slips. PYRITE occurs as disseminations and micro seams, locally up to 5%.										-
796.9	817.0	Contact with metasediment zone.Granitic cobbles up to 4" in diameter are present as well as a few jasper fragments up to ½".PYRITE content has dropped to less than ½%. Downhole from 810' local zones of tuffaceous material is present.	S									
ЕОН												
		/										
	-											
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NAME O	F PROP	ERTY BROOKBANK	TOOTAGE	DIP	AZIMUT	FOOTAC		AZ	IMUTH	HOLE	NO. <u>83</u>	<u>-В22</u> ян	EET NO.	
OLE NO	. <u>83</u> .	-B22 LENGTH 807 feet								REMA	rks <u>NO</u>	1 7/8	**	
00 A T 10	N ME	TALORE RESOURCES LTD.	400	-65	<u> </u>			_						
TITUD	E _ 28-	+00W DEPARTURE 5+00S	807	-00			<u> </u>	_						
EVATI	on _/(D371AZIMUTH342 DIP65			<u> </u>									
TARTED	0c1	t. 22 '83_ FINISHED Oct. 26 '83								LOGGE	D BY	DON OL	IVER /	<u>x</u>
FOOT	AGE					SAN	PLE				A	SSA	/ S	
FROM	то	DESCRIPTION		-,	10. SUL	РН	FOOT	AGE			*	OZ/TON	OZ/TON	
0.0	10.0	CASING			IDE	S FRO		2	TOTAL				u _j · · · · ·	
	20.0													l
5.0	65.0 85.0	Severely fractured grey-green volcanic with fractuled by quartz-carbonate 10-15%,epidote 5%,hematite Ground core is evident from 13-15':From 36-38' is rusty vuggy section with quartz-carbonate and less 1% PYRITE.Epidote is also present at 20% as impreg Overall PYRITE content is less than ½% to 1%.In get this unit could be classed as a meta-basalt to a d The severe fracturing occurs at every angle and sh cross fracturing. Hardness is 6. Downhole from 65' this basically continuous unit s only moderate fracturing filled by quartz-carbonat epidote 5% and reddish silica at 1-2%.Epidote is a sent at 10-15% as impregnation and occuring as wis clo_ts.These clots are sometimes enveloped by redd silica.The most prominate angle to the core axis i	hows e 5%, lso py ish s 45-	ns ore	528	36.0	38	.0	2.0			0.002		
5.0	100.0	Overall PYRITE content is less than ½% with a hard 5.5-6.The epidote gives the core a salt and pepper coarse grained appearance.This occurs in local are heavy concentration.No veins or fractures are larg ¼". This unit is also moderately fractured but is more grained than above.This zone shows variance in com tion from a basalt to an andesite more andesitic 1 now.PYRITE content is less than 1% and occurs as m disseminations.Fractures are primarily filled by e	ness (gre as of er th fine posi- ookin icro- pidot	of en an g e										
.00.0	137.0	as quartz-carbonate occurs in the amount of less t This is a fine-grained greenish grey unit (dacite) This is similar to the above unit with the moderat	han 5 look e	%. ing.										

FORM 1

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NAME OF PROPERTY_____BROOKBANK

FOO	TAGE				SAMP	LE		l		ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH.	FROM	FOOTAGE TO	TOTAL	•	7	OZ/TOW	OZ TON	
		and pinkish silica 1-2%.Most evident fractures are 45-55 to core axis.This unit is hard at 5.5-6 and sulphides oc- curing in disseminations, less than ½%.Downhole from 115' epidote has increased to more wispy clots up to 3" in width, and saussaritization is evident.The wispy clots tend to enclose quartz-carbonates within.										
137.0	176.0	This is also a dacitic rock, locally moderately to severel fractured.This greenish grey in colour and fractures are quartz-carbonate, epidote and pinkish silica filled.From 144-147 and 149-152 samples were taken due to fractured rusty appearance.PYRITE content within these two zones range from 1-3%.Outside the sampled zones PYRITE content is nil to ½%.Fracturing is generally 45-50 to core axis an this zone also feautres cross-fracturing.The bardness is 5.5-6.Epidote is once ag ain the prominate figure as it is impregnated and large phenocrysts are visable.	8529 8530		144.0 149.0	147.0 152.0	3.0 3.0			0.002		
176.0	211.0	As above as fine-grained greenish grey rock.Epidote is the dominant figure again as it occurs as heavy impregnation and wispy clots.This is also a moderately fractured zone with quartz-carbonate at 5-7% as a filler along with epid- ote at 15-20%.A vuggy section from 203-205 was sampled due to rusty appearance and sulphide content at 1-2%. Overall content is $\frac{1}{2}$ -1% PYRITE occuring as disseminations. This zone is also hard at 6 and the dominate fracturing system 50° to core axis.	853		203.0	205.0	2.0			Nil		
211.0	250.0	Dacitic metavolcanic; fine grained, grey-green hard 5-6. Locally intensely silicified, locally well fractured to brecciated.Quartz carbonate fracture fillings to ½" thick. Epidote (10%) as wispy clots and impregnations into ground mass, also as rims commonly associated with hematite along quartz-carbonate seams. 242-247.5' ground core containing 5-10% disseminated PYRITE.	8532 8533 8534 8539 8536 8536		213.0 220.5 225.5 233.0 242.0 247.5	214.9 225.5 228.0 236.0 247.5 250.0	1.9 5.0 2.7 3.0 5.5 2.7			0.002 Nil Nil 0.002 0.002 Nil		
25010	289.0	Fine-grained greenish grey moderately fractured rock. Downhole from 260' a heavy concentration of epidote appear as saussaritized phenocrysts givi ng the core a speckled appearance.From 250-254' is a moderately silicified partly yuggy sample location.Sulphide content within this section	6									

NAME OF PROPERTY_____BROOKBANK

HOLE NO. ______83-822

____ SHEET NO. ____3

FOO	TAGE				SAMP	LE			ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	~	0Z, TOH	OZ TON	
		varies from 1-5%.Outside the sampled location, the PYRITE content is less than 1%.Minor (less than 1 to 2%) blebs of hematite alteration are visable, but with no associated minerals of a significant amount.Overall silica percentage is 10%, hardness of this unit is 6.	8538	8	250.0	254.0	4.0		0.005		
289.0	302.0	This is the contact with a mafic volcanic. This rock is dark grey in colour and very fine grained. (meta-basalt) Epidote has dropped to less than 1% and this rock is low to moderately fractured with 1-2% quartz-carbonate fil- lings.From 298-302 a sample was taken due to disseminated PYRITE occuring as 1-5% locally.The 5% occurs with a ½" quartz vein and less than ½% hematite associated with it. Hardness of this unit 5.5-6.	8539		298.0	302.0	4.0		Nil		
302.0	377.0	This unit is a fine-grained greenish grey rock which is low to moderately fractured. This would be a metabasalt to dacite.Fractures are filled by quartz-carbonate and epidote which also occurs as swirly masses. Quartz veins occupy the rock up to 5%. The general width is ½" and associated with it is less than ½% hematite and less than 1% PYRITE. Overall sulphide content is less than ½%. The most promi- nate veining occurs from 45-50° to core axis. This is a fairly uniform unit. The only difference is that downhole from 357° cross fracturing is featured.	- ,								
377.0	400.0	This unit has the same groundmass as above but is more fractured at 10-15% with quartz-carbonate fillings. Epidoto is not noted as swirly masses but only as impregnation and micro veins. A 5" section is seen at 382 containing 20% quartz-carbonate but less than ½% PYRITE. PYRITE overall is less than ½% but occurs locally to 1% in association with quartz.Minor hematite at ½-1% is also noted as fragments associated with quartz veining.The hardness of this unit is 5.5-6.									
400:0	448.0	This is a moderatley fractured fine-grained greenish-grey rock.No more dacitic fractures are quartz-carbonate filled at 10-15% with epidote at 5%.Hematite occurs at 2-3% as local areas of a brecciated appearance and in association with some quartz veining.Overall PYRITE is $\frac{1}{2}$ %									

NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83-B22

_____ SHEET NO. _____

F00	TAGE	DESCRIPTION			SAMPL	Ē				ASSAYS		
FROM	то		NO.	SULPH	FROM	FOOTAGE	TOTAL	~	۳,	OZ/TON	0 Z / TON	
		veining.Most prominate veining is 50° to core axis and widths are up to 1".A general hardness of 6.										
448.0	505.0	This zone is low to moderately fractured and is more greenish grey than above due to a general overall impreg- nation of epidote. This rock could also be a dacite. Fractures are guartz-carbonate filled and downhole from 487' the fracturing is more intense and occurs as cross- fracturing at every angle. From 488-489.9 a brecciation is present consiting of hematite and 5% PYRITE in the form of large cubes. Other than that, PYRITE occurance is in disseminations at less than 1%. Local blebs of hematite are also visable outside the brecciated zone, but in a minor amount. Hardness is 5.5-6.	8540		488.0	489.7	1.7			0.005		
505.0	537.0	This unit is moderately fractured greenish grey in colour. Quartz-carbonate vieining occurs up to ½" in width and ap- prox. 45-50 with the core axis.Hematite micro spotting occurs at less than 1% and sulphide content is less than %%.Epidote has dropped to approximately 1-2% as a general impregnation.										
537.0	550.3	This unit is more a dacite to metadiorite (quartz diorite?) due to the appearance of its coarse-grained salt and pep- per texture. The only note of importance in this zone is massive white quartz from $54^{\circ}.7-550.3$. Sulphides within at 3% as disseminations. Otherwise this section has sul- phides at less than $\frac{1}{2}$ %. This is a very uniform unit. Veining of up to $\frac{1}{2}$ " is 50° to core axis and a hardness of 5-6.	8541		548.7	550.3	1.8			0.01		
550.3	595.O	This unit is a coars-grained greenish grey rock-quartz diorite? texture is of a salt and pepper appearance.Pinkish quartz-carbonate veining is present 50-55° to core axis. Minor cross-fracturing is apparant . Downhole from 573' mor intense silicification starts to appear as veining to an increase of 15-20%.These veins alterante between whitish and pinkish tinted.Sulphide content is still ½-1%.This could be called a transition zone leading to the breccia.	8542 e	-	590.0	595.0	5.0			0.02		

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NAME OF PROPERTY_____BROOKBANK

FOO	TAGE		ľ		SAMPL	.E				ASSAYS		
FROM	то	DESCRIPTION	NO.	-% SULPH	60014	FOOTAGE	TOTAL	•	7	OZ/TON	OZ, TON	
595.0	632.0	Contact of the reddish fragmental to locally brecciated zone.Intense silicification is featured with colour ranging from whitish-reddish-black.The appearance is of a swirling combination of all of the above colours mixed in Local fragments are seen, but the overall picture is of a mixed flattened combination.PYRITE occurance is of a disseminated nature and as micro seaming.Total percentage ranges from 5-7%.Minor amounts of SPECULARITE less than ½% are noted in the form of micro seams.No angles to the core axis can be seen due to intense alteration, pulling and flattening.Hardness is 6 due to high percent- age of quartz.	8543 8544 8546 8546 8546 8549 8549 8550 8551	IDES	595.0 599.0 604.8 608.0 612.5 617.0 621.5 626.5 630.5	599.0 604.8 608.0 612.9 617.0 621.9 626.9 630.9 633.0	4.0 5.8 3.4 4.0 4.7 4.5 5.0 4.0 2.7			0 06 0.05 0.06 0.03 0.01 0.005 0.10 0.06 0.07		
632.0	677.0	This is a continuation of the above unit.This is also fragmental to brecciated reddish-white in colour. Some of the best breccia is noted here up to 642' with the more brecciated appearance than fragments.PYRITE agian occurs as micro seams and in disseminations up to locally 5-7%. Micro seams of SPECULARITE are also seen to less than 1%. Downhole from 642' the appearance is as above-flattened, altered and pulled.Downhole from 657' more mafic waste is appearing, indicating the near end of the breccia zone. Hardness of this unit is6.	8552 8554 8555 8556 8557 8558 8559 8560 8561		633.0 637.0 642.0 647.0 651.5 655.0 660.0 665.0 669.3 674.0	637.0 642.0 651.5 655.0 660.0 665.0 669.3 674.0 677.5	4.0. 5.0 5.0 4.5 3.7 5.0 5.0 4.3 4.9 3.5			0.08 0.005 0.01 0.005 0.002 0.01 0.06 0.04 0.002		
677.0	709.0	Polymictic to iron formation due to the majority of mafic material.Local areas of reddish fragmental material is still evident but more dark mafic bands are seen.These mafic bands alternate with quartz-carbonate veins and have a prominate angle of 55 ² -60° to core axis.Minor greenish sericite is also mixed in at 1%.Sulphides are still present as disseminations and vary locally from 1-5%.The 5% is usually in the form of associated micro- seaming.Hardness of section ranges from 5-6.	8562 8563 8564 8565 8566 8567 8568 8569 8570		677.5 681.5 685.8 689.0 692.0 694.8 697.0 700.0 704.5	681.5 685.8 689.0 692.0 694.8 697.0 700.0 700.0 704.5 709.0	4.0 4.3 3.4 3.0 2.8 2.4 3.0 4.5 4.7			Nil Nil 0.005 0.005 0.01 0.005 0.01 0.02		
709.0	746.0	This is a continuation of thepolymictic to iron formation. Downhole from 727' most of the reddish alteration has left except for 2-3%.Prior to 727' hematization is present up to 5-6%.Generally the appearance is of a banded fine- grained texture alter nating between whitish and greenish black.Foliation is between 60-65° with the core axis.Sulphides are still occuring locally as dissemination	8571 8572 8573 8574 8575 8576 ns		709.0 714.0 718.7 723.0 729.3 739.0	714.0 718.7 723.0 725.7 732.0 741.0	5.0 4.7 4.5 2.7 2.9 2.0			0.002 0.002 Nil 0.005 Nil 0.005		

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NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83-B22

_____ SHEET NO.__

FOO	TAGE		SAMPLE RIPTION						ASSAYS			
FROM	то	DESCRIPTION	NO.	T SULPH	FROM	FOOTAGE TO	TOTAL	7	۰.	OZ/TON	OZ TON	
746.0	784.0	This zone is a continuation of the iron formation and is similar to the above except for the introduction of some meta sendiments to 5%. This section shows medium lamination 50-55° to core axis and is prim arily whitish and black-gre with minor reddish alteration at 2-3%. Sulphides occuring as micro seams and disseminations vary from less than 1%- 5%. Generally occuring in a higher amount in association with quartz.	3577 3578 s en 3579		760.2 765.0 769.0	762.0 769.0 771.9	1.10 4.0 2.9			0.02 0.02 0.002		
784.0	807.0	Contact-this section is the beginning of the meta-sedi- mentary zone.Texture is generally fine-grained tends towards a greenish hue. A ½" black band is noted at 785' confirming this zone and a few quartzitic pebbles of up to 4" are seen bearing a flattened appearance.Jasper fragments of up to ½" are also noted in a few places.This zone shows no reddish alteration and sulphide content is Nil to less than ½%.					•					
EOH	-											

NAME OF HOLE NUL LOCATION LATITUD ELEVATI	$\begin{array}{c} \text{PROP}\\ \text{OR} & \underline{\text{83-}}\\ \text{OR} & \underline{\text{MET}}\\ \text{OR} & \underline{\text{40}}\\ \text{OR} & \underline{\text{40}}\\ \text{OCt.} \end{array}$	BROOKBANK FOOTAGE -B23 LENGTH 157.0 feet CALORE RESOURCES LTD. -55 -35 W DEPARTURE 0+41N abve swmp AZIMUTH 025 -55 26'83 FINISHED Oct. 27'83		MUTH	FOOTAGE		ZIMUTH	HOLE N REMAN	ю. 83- акs <u>NQ</u> р ву	PENTI LASS	
FOO	TAGE	DESCRIPTION		1 07	SAMF	. L E		Į		SSAYS]
FROM	то		NO.	SUL PH- IDES	FROM	TO	TOTAL	76	%	OZ/TON OZ/TO	N
0.0	6.0	Casing									
6.0	73.0	Dacitic metavolcanic in part well fractured and filled in with alteration products: Hard (H5-6) dull grey, fine-grained, moderately to strongly- magnetic, noncalcareous groundmass. Locally epidote altered, minor to moderate quartz-carbonate filling, generally PYRITIFEROUS mainly as disseminated streaks and fracture filling seamlets. Occasional reddish hematite silicate predominately locations of intense fracture related pyritization. Drill follows close to dip and strike of an altered fra gmental (minor fault) zone in part heavily enrich with epidote, clinozcisite, quartz- carbonate commonly rimmed with hematized silicic mat- erial and associated pyritization.									
		16.0-19.0 Very altered zone with minor to locally heavy PYRITE (30% over 4") some whitish-creamy to light green- ish (clinozoisite?) alteration in the form of wispy lacings associated with fracturing.	8582		16.0	19.0	3.0			Nil	
		31.0-32.5 Similar to above but contains 2" pinkish PYRITIZED carbonate vein, minor white quartz veinlets locally heavy epidote-hematite seams with specularite.	8583		31.0	32.5	1.5			Nil	
		42.0-43.8 Irregular veinlet of mottled white to pinkish quartz carbonate hematite reddish breccia and heavy associated PYRITE 10-15% veinlet about ½-2" thick runs subparallel to core.	8584		42.0	43.8	1.8			Nil	
		47.5-51.0 Fracture altered zone, light green clinozoisi seamlets, quartz seam heavily rimmed with rusty red hematite silica with associated PYRITE 10-15%.	8585		47.5	51.0	3.7			Nil	
1	I I		11			1	1	1 1			1

DOFS - LOBONTO - 366

FORM 1

NAME OF	PROPERTY BROOKBANK	F
HOLE NO.	83-B23 LENGTH	-
LOCATION		\vdash
LATITUDE	DEPARTURE	-
ELEVATION	AZIMUTH DIP	\vdash
STARTED_	FINISHED	L

more hematite silicate.147-151 Heavy specularite seam-

ing, 1-3% PYRITE, splashes of cpy, trace galena.

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUT

HOLE NO. _____ SHEET NO. ____

REMARKS _____

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FOOTAGE

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108.0

108.0 113.0

113.0 157.0

- . T

EOH

366-1168

ANGRIDGES

FROM

73.0

FINISHED						LOGGE	D BY				
			SAMI	PLE		ASSAYS					
DESCRIPTION	NO		FROM	FOOTAGE	TOTAL	- 76	76	OZ/TON	OZ/TON		
63.0-67.0 Well fractured altered zone, well laced with light creamy green alteration products with incorporate whitish to reddish microfractured silicate products minor 1%, assoicated PYRITE.	n 858 ed	36	63.0	67.0	4.0			Nil			
68.3-73.0 Extreme fracturing and alteration with epidot calcite, quartz hematite rimmed pyritized vuggy fracture seaming running nearly parallel to core axis.	ce 858	37	68.5	73.0	4.7			Nil			
Mafic altered metavolcanic: Mainly dacitic at 73.0 grades to andesitic to basaltic downhole, essentially	858	38	79.0	82.5	3.5			Nil			
chloritic schist at 104-108'. Nonmagnetic and increas- ingly calcareous groundmass downhole to very calcareous at 104-108. Variably altered along fractures with quartz-carbonate, epidote and lesser reddish hematitic silica along seams. Main alteration zones nearly parallel to core axis at 79.5-82.5' and 85-88.5'. Both zones are intensely quartz-carbonated and epidotized with lesser red hematite, minor 1% pyrite and few locations with very fine disseminated galena? Well fol- iated 104-108'.	- 858 5 -	39	85.0	88.5	3.5			Nil			
Sil ³ cified alteration brecciated zone, mafic volcanic, quartz, calcite, silicic volcanic (weak hematized) and PYRITE 3-5% all melted together in fault-flow breccia.	859	90	108.0	113.0	5.0			Nil			
Mafic volcanic breccia:weakly foliated-stretched-lineat with moderate introduction of guartz-carbonate, minor	ed859	91	122.0	127.0	5.0			Nil			
PYRITE and weak silicification. Becomes harder less calcareous and more siliceous below 134'. Main altera-	- 859	€2	134.0	138.0	4.0			Nil			
tion zones at:122-127 Stretched breccia, abundant hematite silicate, to 10% PYRITE locally white-pinkish quartz-carbonate seams. 134-138 Similar to 122-127 but	859	93	147.0	151.0	4.0			Nil			

FORM 1

CATIO TITUD EVATIO ARTED	META 34+3 34+3 0× 40'a 0ct.	LORE RESOURCES LTD. 5W DEPARTURE 0+41N bve swmpazimuth 289						LOGGE	о ву <u>Р</u>	PENTI L	ASSILA	L
001	AGE	DESCRIPTION		S.I. P	SAMP	L E		7	7	ASSAY	S	<u> </u>
).0	6.0	CASING		IDES	FROM	то	TOTAL	×	*	02/104	OZ/ TON	
5.0	68.5	Dacitic metavolcanic, in part well fractured and inject ed with alteration products. Hard (H5-6) dull grey, fine-grained, moderately- to strongly- magnetic, non- calcareous groundmass. Groundmass becomes moderately- to strongly calcareous below 48' and weakly- to mod- erately magnetic. Minor quartz-calcite fracture fil- ling, generally weakly to moderately PYRITIFEROUS except for occasional narrow pyrite seam and thin (to 5mm) quartz seam rimmed with pyritiferous red hematite.	-									
		Exceptions to above: 12.0-15.0 Broken core; hematitic pyrite seams, minor quartz-carbonate with occasional bleb of cpy.	859	94	12.0	15.0	3.0			0.002		
		38.5-40.5Well fractured rhyodacite with heavily (to 60% pyritized thin (to 4mm) pyrite seams, pyritiferous hematitic quartzitic material (5") with 10-30% disseminated pyrite.) 85	95	38.5	40.0	1.7			Nil		
		42.0-48.0 Heavily fractured with hematite and quartz- carbonate and pyrite 3-5% seam fillings.	869	98	42.0	48.0	6.0			Nil		
		52.0-54.0 10% white quartz veinlets, 10% reddish silicate breccia, 5% to locally 25% dicseminated PYRITE (average 10-15%).	859	96	52.0	54.0	2.0			Nil		
ОН		67.0-68.5 Brecciated zone, 30% volcanic material, 20-30% PYRITE, 30-35% white quartz, 20% red hematitic silicate.	859	7	67.0	68.5	1.5			0.01		

NAME O	NAME OF PROPERTY BROOKBANK FOOTAGE						DIP	AZIMUTH	HOLE	NO. <u>83-</u>	<u>-B25_</u> s⊦	IEET NO	_1
HOLE N	o. <u>83-</u>	-B25 LENGTH 174 feet	74 0	_75			 		REMA	RKS	<u>NO 1</u>	7/8"	<u></u>
LOCATIO	MET N	ALORE RESOURCES LTD.	/4.0	-/5				 					
LATITUD	E	-45 W DEPARTURE 0+41N	<u> </u>										
ELEVATI	ON 40'2	bve_swmpAZIMUTH160DIP75					<u> </u>				PENTT	LASSTL	۵
STARTE	<u> </u>	<u>28 '83</u> FINISHED OCt. 29 '83					<i>L</i>	ليستعم	LOGGE		en Be	ulr K	<u> </u>
FOO	TAGE					SAM	PLE		\mathbb{T}		ASSA'	rs	
FROM	то	DESCRIPTION		Z	0. sú	PH FROM	FOOTA TO		- 75	36	OZ/TON	OZ/TON	
0.0	10.0	CASING											
10.0	42.0	Dacitic fractured metavolcanic: Dull grey, hard	5-6,	90	51	21.0	27.	0 6.0			0.002		
		fine-gr_ained, well fractured to brecciated, mode	ratel	y-	150	20 0	112	0 2 0					
		fractures including white guartz seamlets lmm to	lcm		,52	39.0	42.	0 3.0			0.10		
		thick moderately to heavily hematite rimmed-enve	loped										
		quartz-carbonate as fine (lmm) crisscrossing frac	ture										
		fillings to heavily PYRITIZED hematitic veinlets a	nd										
		associated with hematite-guartz-carbonate injection	on:				1						
		normally above 10% PYRITE associated). Strongly					-						
		magnetic noncalcareous groundmass, 10-39' becomes	weak	ly									ļ
		to nonmagnetic from 30-42' and moderately to strop	ngly						l I				1
		compositional change to softer (H4) more mafic sl	ightl	v									
		chloritic volcanic at 42'.	- 5	-									
		21 0-27 0 Well fractured zone with beavy injection	n of										
		guartz-carbonate with associated hematization and											
		secondary PYRITE overall 10% PYRITE, locally to 6	08										
		veinlet-like clots to 1 inch thick.											
42.0	53.0	Well fractured Meta-andesite: Fine-grained grev-	areer	90	53	42.0	43.	0 1.0			0.12		
		moderately calcareous non magnetic groundmass, 10	8		-								
		calcareous seaming as irregular fracture fillings	with				. 						
		minor associated PYRITE.	τo										
		PYRITE, 1% CHALCOPYRITE associated with guartz-ca	o≉ rbona	te									1
	•												
53.0	69.0	Dacitic well fractured metavolcanic. Similar to	secti	on									
		at 10-42° put much less quartz-carbonate, nematic	e anc 5mm)										
		seamlets. Overall 5% guartz-carbonate, 5% reddis	h										
3	*						1	1				ł	

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FORM 1

NAME OF PROPERTY	BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE NO SHEET NO.
HOLE NO. 83-B	23LENGTH	-						REMARK 5
LATITUDE	DEPARTURE DIP	-						LOGGED BY
FOOTAGE					SAM	PLE		ASSAYS
	DESCRIPTION			1 11	1			

FOO	TAGE				SAMP	LE				ASSAY	Ś
FROM	то	DESCRIPTION	NO.	511 PH-		FOOTAGE		7	T		OZ/TON
		hematite, 2-2% PYRITE. PYRITE occurs predominately as fracture filling seams, lesser small (less than 4mm) clots and disseminations. At 58-59' several PYRITE clots to 8mm°diameter enveloped by black magnetite rims. 59.0-65.0' light green dacitic volcanic peppered with black small (1-2mm) phenocrysts (possibly black hematite) Occasional fine SPECULARITE seams.		IDES	FROM	то	ΤΟΤΑĻ	70	70		
69.0	72.5	Zone of heavy PYRITIZATION; overall average 20% PYRITE as massive disseminated clots and clot-like veinlets (several ½" to 1" thick): 6" section at 70.0 with red hematite silicate-quartz and 15% PYRITE.	9054		69.0	72.5	3.5			0.005	
72.5	77.0	PYRITIFERROUS section in dacitic volcanic with 20% white to pinkish quartz-carbonate veinlets; 10" white quartz vein at 75.0 to 75.8' with 3% associated PYRITE.	9055		73.0	75.0	2.0			0.005	
77.0	90.0	Fractured to brecciated metavolcanic of dacitic to andesitic composition. Moderately to strongly calcareous apparantly mainly due to numerous hairline calcite fracture seams. In part chloritic, calcite seamed part- ly hematitic and pyritic-mainly between 82.0-86.0' where overall PYRITE content averages about 5%. Also weakly foliated and chloritzed 82-86'.	9056		82.0	86.0	4.0			0.005	
90.0	92.0	FAULT GOUGE: of mafic volcanic with rusty quartz vein about 1' thick.									
92.0	119.0	Metadiorite to weakly silicic meta-andesite: Grey to grey-green fine to medium grained volcanic with compostional gradation from diorite-andesite to nearly dacite,(H5), weakly magnetic to non magnetic, very weakly calcareous groundmass; in part well saussaritized porphyritic (saus. feldspar phenocrysts) diorite to very weakly saussaritized weakly silicic andesitic composition	-								

NAME OF PROPERTY BROOKBANK	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
HOLE NO						
LOCATION						
LATITUDE DEPARTURE	L					
ELEVATION AZIMUTH DIP					<u> </u>	
STARTED FINISHED						

LOGGED BY _____ FOOTAGE ASSAYS SAMPLE DESCRIPTION FOOTAGE NO. SULPH-FROM то OZ/TON OZ/TON 36 3% FROM то TOTAL Occasional wispy filaments and segregations of light green epidote alteration, minor thin (1-3mm) carbonate seams, and few rusty red hematitic seamlets. 119.0 123.0 4.0 Nil 119.0 130.0 FALUT CRUSH BRECCIA: A melange of small (less than 2mm 9059 to locally lcm thick) green volcanic fragments, inter-124.0 130.0 6.0 Nil mixed with small (to 3mm) red hematite fragments (2-5%) 906d and brecciated white to pink, quartz carbonate: approx. 5-10% disseminated secondary PYRITE dispersed throughout. 4" white guartz vein at 121'-strongly calcareous, nonmagnetic. 130.0 133.5 Fault breccia similar to 119.0-130.0' but mainly volcanic fragments, more siliceous and only minor hematite and PYRITE (1%) except for 1" hematite; pyrite quartz-calcite seam at 132.5'. Strongly calcareous, nonmagnetic. Nil 133.5 136.d 2.7 9061 133.5 136.0 Fault breccia and quartz vein, rusty pink is part, 20% white quartz, 20% dark grey very silicic volcanic breccia-with 3-5% associated PYRITE, 40% dacitic medium grey volcanic fragments with 1-2% PYRITE, 20% rusty matereial. \$136.0 174.0 Sharp contact. Metadiorite. Uniform unit essentially the same as at 92.0-119.0ft. EOH . - •

HOLE NO. _____ SHEET NO. ____

REMARKS

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AME OF PROPERTY BROOKBANK	FOOTAGE
OLE NO. 83-826 LENGTH 827.0 feet	
LOCATION METALORE RESOURCES LTD.	
LATITUDE 16+00W DEPARTURE 5+00S	
ELEVATION /002' AZIMUTH 342 DIP -65	
STARTED OCT. 29 '83 FINISHED NOV. 3 '83	L

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
			0	-65	
	ì		400'	-65	
			827	-60	

HOLE NO. _83-826 SHEET NO. _1___

REMARKS NO 1 7/8"

PENTI LASSILA LOGGED BY

FOOT	FAGE				SAMP	LE			A	SSA	YS
FROM	то	DESCRIPTION	NO.	ぷ SULPH- IDES	FROM	FOOTAGE TO	TOTAL	75	<i>7</i> 5	OZ/TON	OZ/TON
0.0	10.0	CASING									
0.0	57.0	Very calcareous metadiorite? metavesicular basalt?. Massive,very uniform unit of well altered mafic rock; moderately soft(H3-4), chloritized matrix with whitish laths (poikioblastic: phenocrysts?) to 3mm in diameter, composed predominately of calcite. Between 50-60feet groundmass grades to noncalcareous, but retains the same texture. Weakly to moderately fractured with white calcite and quartz-calcite fracture filling seamlets (5% of rock) 2-5mm thick. Occasional white quartz veinlets 3mm-2cm thick.									
.0	203.0	Non-calcareous saussaritized metadiorite?, metabasalt- gabbro?. Massive very uniform unit with intensely altered groundmass, in part porphyroblastic texture with saussaritized feldspar filaments completely surrounding dark green mafic microfractured crystals. Hardness 4-5. Approximately 5% epidote and quartz-carbonate seamlets- veinlets, some of which appear to be relics of pillow selvages. Minor red hematite with associated pyrite as rims bounding some epidote-quartz-carbonate seamlets- veinlets.	9065		135.5	137.5	2.0			0.002	
		135.5-137.5. Quartz-calcite vien; minor quartz-2";red hematite;5% PYRITE; and some light green alteration mat- erial. One-2% PYRITE overall.	-								
		Both saussaritization and kaolinatization of feldspar occurs below 90 feet. Below 137.5 feet considerable textural variation indicates probable minor interchanges in composition and degree and type of metamorphism-metasomatism									

NAME OF PROPERTY____BROOKBANK

HOLE NO. _____83-826

__ SHEET NO.__

	FOOT	TAGE				SAMPL	Ē		I		ASSAYS		
F	FROM	то	DESCRIPTION	NO.	", SULPH.	FROM	FOOTAGE	TOTAL		~	OZ/TON	OZTON	
			190.0-203.0 The unit becomes increasingly more calcareous mafic and chloritized downhole from 190ft It is essentially a well carbonatized, chloritic, schistose pseudobreccia at 200.0-203.0 feet.										
2	203.0	238.0	SHARP CONTACT. Fractured, moderately silicified, hematite impregnated, weakly to moderately magnetic altered metavolcanic of dacite composition. Well fractured - locally brecciated, with complex compositional intergradions due to introduction of different alteration products including silicification, epidotization, hematization and quartz-carbonatization, with introduction of secondary pyrite and local thin (lmm) seams of specularite mainly associated with hemat- ization and less so with quartz-carbonate seams-veinlets. Coloured hues of bright greenish, reddish-purplish to dark grey indicates alteration products which have impregnated the groundmass. Groundmass is weakly to moderately magnetic, essentially noncalcareous, mod- erately silicified and well fractured.	9066 9067		203.0 223.0	207.0 227.0	4.0			0.002 Nil		
			<pre>203.0-207.0 Zone of intense fracturing with 15% quartz, quartz-carbonate seams (5mm-3cm thick) carrying 1% to locally 15% PYRITE, minor 5% red hematite. 223.0-227.0 Zone of hematization, fracturing, with 10% of rock is heavily hematite rimmed quartz-carbonate seams, minor epidote, few thin seams specularite.</pre>				- -						
TORONTO - 366-1168	238.0	244.0	Overall average 1% PIRITE. Brecciated, red hematite and pyrite. Almost entirely strongly hematized quartz material, heavily streaked with clot-like massive disseminations of PYRITE (average 50% PYRITE).	9068		238.0	244.0	6.0			Nil		
HIDGES -	244.0	247.0	Hematitic silica and breccia as above but PYRITE content only about 15%, also more-30%- volcanic fragments.	9069		244.0	247.0	3.0			0.005		
LANG	247.0	249.0	Fractured volcanic as at 203.0-238.0.	9070		249.0	251.0	2.0			0.02		

•

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-B26 SHEET NO. 3

FOO	TAGE	DESCRIPTION			SAMPL	E				ASSAYS		
FROM		DESCRIPTION	NO.	SULPH.		FOOTAGE				07.70	07 701	T
	+			IDES	FROM	TO	TOTAL	ļ	· ·	02 104	02,104	╇
249.0	251.0	Quartz and quartz-carbonate vein. Mainly white quartz and quartz-carbonate vein material (80%). Minor reddish hematization, 5% PYRITE overall; occasional isolated epidote seams up to 1 inch thick. Few specs and tin y blebs of grey-metallic mineral.										
251.0	432.0	SHARP CONTACT WITH METADIORITE-meta-gabbro?-metabasalt? (tending toward more mafic). Nearly same as dioritic unit at 57.0-203.0 ft. Porphyritic texture due to whitish- greenish altered feldspars, fine to medium-grained dark grey-green groundmass, noncalcareous, nonmagnetic to locally weakly magnetic due to minor compositional variations. Ten percent white quartz-calcite and light green epidote seamlets approximately in equal proportions 324.0-340.0 Slightly more mafic and altered (chloritic).	•									
432.0	452.0	376.0-383.0 Weakly foliated chloritic section. Downhole from about 310ft epidote alteration becomes subdued and alteration of the feldspars becomes very light greenish remaining noncalcareous. A general more mottled appearance or blending in of the various mineral components and a general increase in chlorit- iation also occurs downhole from 310ft. Below 400ft. core is increasingly chloritic and softer (H4) taking on mottled texture between 420 and 435 ft, caused by segregation of lighter green and darker green alteration products. FRACTURED ALTERED MAFIC VOLCANIC. A dark green psuedobreccia with light creamy green filament-like mottled lath intrastructure of alteration products:becomes increasing more distinctly fractured downhole:437.0-452.0 very distinct filament-like splays of light cream to creamy green alteration (30% of rock). Groundmass is noncalcareous and non-magnetic.Below 447.0ft minor clots of fracture-orangy K-feldspar angulared epidote-like light greenish splays										

NAME OF PROPERTY____BROOKBANK

HOLE NO. 83-826

_____ SHEET NO. ____4

FOO	TAGE	DECORIDATION			SAMPI	_E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	-		OZ/TON	OZ TON	
452.0	521.0	Fine-grained well fractured dark grey altered metadacite (H5) weakly magnetic, noncalcareous groundmass, numerous fine crisscrossing fractures filled with quartz-carbonate usually hematitic and commonly with epidote haloes and patchy impregnations. PYRITE commonly associated with hematitic seams.	9071		487.0	496.0	9.0	grou	nd cor	e 0.002		
		487.0-496.0 Heavily hematized quartzitic breccia with 5% disseminated pyrite and minor specularite seams. 492.0-496.0 White quartz vein in ground core, with 1-3% PYRITE. Approx. 4ft. of core was lost in this section.										
521.0	541.0	Well fractured to brecciated meta-andesite. Similar to section at 452.0-521.0 but softer (H4) and more mafic in composition. Grades downhole (537.0-541.0) into very fractured altered dacitic metavolcanic at 540.0ft. Fault sheared breccia at 539.0-541.0ft-well carbonatized, 1% PYRITE.										
541.0 801-90	617.0	Very fractured, altered, fine-grained, hard (H5) meta- dacite (very similar to 452.0-521.0) Weakly calcareous to noncalcareous, variably nonmagnetic to weakly magnetic groundmass. Contains abundant fracture fillings and clot-like lacings of epidote, hematized quartz-carb- onate seams and locally minor pyritic quartz-carbonate hematite seams-veinlets. Considerable intergradational compositional interlayering along its length from dacitic-andesitic with the more mafic compositional components being only weakly to non- magnetic; more siliceous components usually weakly to moderately-magnetic.	9072		582.0	584.5	2.5			Nil		
LANGHIDGES - TORONTO - 100010	.623.0	590.0-617.0ft the composition is essentially that of a meta-andesite. Massive uniform unit of extensively saussaritized meta- diorite; pseudoporphryoblastic texture with dark green mafic microfragmented fragments enveloped by light green filament-like saussaritized feldspar laths: Coarse dark and light green salt-pepper texture.										

NAME OF PROPERTY_____BROOKBANK

HOLE NO. 83-826 SHEET NO. 5

FOOT	TAGE	DESCRIPTION			SAMPL	E		I		ASSAYS	
FROM	то		NO.	SULPH.	FROM	FOOTAGE	TOTAL	~	-	OZ - TON	OZ TON
523.0	637.0	Moderately fractured, weakly silicic meta-andesite. Oc- casional thin (1-3mm) epidote-quartz-carbonate seamlets.									
537.0	643.0	Very fractured, to brecciated moderately to strongly silicified metavolcanic. Heavily laced with filaments, wispy clots and fracture fillings of epidote. Moderately quartz-carbonated, and minor (2%) hematitic pyritiferous seams and lenticular clots.	9073		639.0	643.0	4.0			Nil	
43.0	662.0	Well fractured heavily epidotized dacitic metavolcanic. Grey to grey-green, (H5-6), fine-grained with numerous fine crisscrossing fine fracture filled with white quartz carbonate and or epidote with epidote secondary to quartz-carbonate. Also mottled epidote halos, clots, wispy fiaments. Minor thin hematitic seamlets associated with epidote.									
62.0	679.0	DACITE:Dull grey, fine-grained hard moderately magnetic, well fractured volcanic with quartz-carbonate fracture fillings, essentially no epidotization.									
79.0	681.5	White quartz vein. 80% white quartz and minor calcite, 1% PYRITE, very minor (few specs and tiny clots) metallic grey very fine grained unknown mineral.	9074		679.0	681.5	2.5			0.005	0.11
81.5	712.0	Meta-andesite grading to metabasalt in part. Green grey fine-grained, massive to well foliated and moderately chloritic schistose soft (H3), locally weakly silicified and brecciated with minor hematization. Foliated portion exhibit weak composition interbanding. Groundmass is nonmagnetic and moderately to strongly calcareous: moderate 5% to abundant 15% quartz-calcite seaming. Minor pyrite in brecciated weakly silicified weakly hematized sections. No epidotization which is pervasive uphole from this section.	10								
12.0	752.0	Fractured to brecciated metavolcanic of andesitic to very local dacitic(silicified) composition. Weakly to locally moderately magnetic and strongly calcareous groundmass. Numerous variably oriented guartz-calcite filled fine									

NAME OF PROPERTY_BROOKBANK

HOLE NO. 83-826

_____ SHEET NO.___

F00	TAGE	DESCRIPTION			SAMPL	-E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH.	58014	FOOTAGE	TOTAL	~.	~	OZ/TON	OZ TON	
		(1-3mm) crossing fractures, minor pyrite associated with quartz-calcite.		1023	FROM	10						
		No epidote alteration, very minor hematization associated with quartz-carbonate seams. Ground core 727.0-742.0ft.										
752.0	783.5	SHARP CONTACT between very fractured mafic metavolcanics (uphole) and intensely flattened polymictic metacong- lomerate downhole.										
		Extensively flattened brecciated altered, silicic, ser- ictic, well foliated, pebble-cobble polymictic metacong- lomerate of schistose-gneissic texture well enriched with secondary pyrite predominately as concentrated dis- seminated segregations lineated parallel to subparallel to foliation. Lithologic, compositional and structural variations of sampled sections are described following.	-									
		752.0-755.0 Dark grey very siliceous fractured breccia, with calcareous fracture filling and 1% disseminated PYRITE.Some weakly reddish hues probably due to hematite alteration.	9043		752.0	755.0	3.0			Nil		
		755.0-760.0 Extremely flattened, brecciated foliated very siliceous polymictic metaconglomerate: Varicoloured hues of white, dark grey, pinkish brown clastic material (compositional variations) forming a lensy boudinage texture with very fine creamy green sericitic filament like laminae bounding the clastic material. 1-4% disseminated PYRITE mainly as disseminated linear lenses.	9044		755.0	760.0	5.0			0.03		
		760.0-764.5 Very similar to 755.0-760.0ft but contains large brecciated quartz injected cobble (boulder?) apparently originally of granitic composition at 763ft.	9045		760.0	764.5	4.5			0.08		
		764.5-771.0 As above but clast size decreases downhole to mainly pebble size with higher quartz-pebble content, more light greenish sericitic material and higher pyrite content (2-6%):At 768.0 1" and 2" white quartz	9046		764.5	771.0	6.7			0.25		-

NAME OF PROPERTY BROOKBANK

HOLE NO. _____83-826

_____ SHEET NO.____

FOOT	TAGE	DECONDICAL			SAMPL	_E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE	TOTAL	~	7.	OZ/ TON	0Z. TON	
771.0	776.0	As at 764.5-771.0ft but entirely white to greenish material compositionally, white quartz-pebble material (60-70%) and greenish sericitic material (30-40%) with 1% locally 10% PYRITE as disseminated streaks, mainly in the sericitic slips.	9047		771.0	776.0	5.0			0.06		
		776.0-782.5 Monoclastic quartz-pebble, flattened and brecciated mataconglomerate, heavy sulphides 10-15% as dark grey seamlets lineated along foliation, appears to b mainly nonmagnetic po.	9048 e		776.0	782.5	6.5			0.27		
783.5	790.0	783.5-790.0 Extrememly flattened white quartz and mafic	9049		782.5	784.5	2.0]		0.02		
		(occasional cobble) metaconglomerate. Mafic clasts altered to chloritic schists. Well banded lensy green and white texture. Local minor 1% PYRITE.	9050		784.5	790.0	5.7			0.005		
790.0	827.0	White and greenish polymictic metaconglomerate. Poorly sorted pebble to large cobble size clasts composed of 20% white fractured pebbleds and cobbles and greenish chloritized schistose mafic clasts. Lost 10ft. better sorted extremely flattened pebbles and small cobbles (well compacted) of mafic to intermediate composition.										
ЕОН												
- 366-1168												
LAW								ļ				

FORM 1

			ORREC	TED	DIPS					-R27aur	THE LOP	= 6
AME O	F PROP	ERTY BROOKBANK W. METALORE RESOURCES FOOTAGE	DIP AZI	митн	FOOTAGE	DIP A	ZIMUTH	HOLE	. <u>0. 1</u>	JE SHE	ET NO. <u>7. 01</u>	~
HOLE N	o&_	<u>3-B27</u> LENGTH <u>732.0</u>		~	COLLOR	-150 3	4.23	REMA	RK5			-
LOCATIC	DN _/A	WIN TOWNSHIP	-		NAJ'	-7.20	,12					
LATITUD	DE _	22504+805 DEPARTURE 14+00 W			73.20	630						
ELEVATI	ION	99! AZIMUTH 342° DIP -65°	-+-		700 I	02				7 11		
STARTE	D Alove	3, 1983 FINISHED 10% 6, 1983		<u>II</u>	L	d		LOGGE	D BY	DOLL	VER	
FOO	TAGE				SAMP	LE		1		ASSAY	S	٦
FROM	то	DESCRIPTION	NO.	SULPH		FOOTAGE	1 7074	τ	Ŧ	OZ/TON (DZ/TON	1
100	100	and 1777 1917	1	IDES	FROM	10	TOTAL					4
0.0	10.0	CASING - LEFT IN HOLE	0000		14.6	17.9	3.3			0.005		
1.			9083				AC			0.002		
10.0	44.0	GREENISH - GREY MODERATELY TO SEVERELY FRACTURED	8082		34.9	37.5	2.0			oun		
		FRACTURES ARE QTZ CARB FILLED 70°TO CA.	9004		21.0	24.0	3.0			0.002		
		SAMPLED AREAS OF THIS VOLCANIC UNIT CONTAIN	1001									
		HICH SHE PRITE										
		ITIGH STOZ (UP TO 35%) WITH USSIMMET CO					1					
		AND SEAMS UP TO 15%. 3% REDDISH MATERIAL										
		PRESENT IN SAMPLES WITH 15% SPECULAR										
		CONTRIATE IN STRAFT 219 22 - Rock is hard at 6.										
		THE OF THE SAMPLE 37.7-37.5. FOR THE							-			
		THIS ROCK IS NON-CALCAREOUS EXCEPT FOR SEAMS.										
10.0	aa -											
177.0	79.(1	FINE GRAINED GREMISH POUR TO MODERATERY PRICTURE	9085		68.0	73.7	5.7			Nil		
		VOLCANIC. (ANDISITIC) FRACTURES ARE OTZ-CARB FILLED									l l	
		SULPHIDE CONTENT AS DISSIMINATIONS 15 61%										
		EXCEPT FROM (X-737 WHERE CONTENT IS 340.					1					
-		6x-737 IS MORE SUICIONS SOTA A STRETCHED APP.										
5		BASICALLY A UNISOOM STONE THE					}					
	I min	shack the one policie streacture.										
990	1512	99-11/ 10										
		IT I'V IS MOKE OF A BIORITE AND DOWNHOLE	9001		1280	1120	40			h.mal		
		CONTINUES AS AN ANDASITIC ROCK. FINE GRAINED	1000		0.0			H				
		GREENISH GREY. 130'DOWNHOLE EPIDOTE APPEARS										
Š.		AS WISPY PATCHES MODERATE FRACTURING QTZ-CARL	,									
		W: TH <19, P.										
			11	1	1	1	1	11		1 1	1	

NAME OF PROPERTY BROOKBANK WEST

DESCRIPTION			SAMPI	_E				ASSAYS	
	-								
	NO.	SULPH.	FROM	FOOTAGE TO	TOTAL	7	۰.	0Z-TON	OZ TON
VERY SILICIOUS FRACMENTAL TO BRECCIATED ZONE 156-1595 CONTAINS 7590 QTZ 390 Py COLOR RANCES FROM UNITISH - RED. HARD ATE	9087 9088 0060		151.0 156.5 169.0	156.5 159.0 163.7	5,5 2.5 4.7			0.005 0.002 0.005	
SULPHIDES AS DISSIMINATIONS LOCALLY TO 15%	9087 9090		163.7	165.1	1.4			0.005	
IERY UNIFORM UNIT OF A META-DIORITE WITH AUSSERATIZED FELDSPARS. POORLY FRACTURED (1%) WITH OTZ CARBAND EPIDOTE. HARDWESS 5.5.	9091		165.1	170.0	4.9			0 01	
SIMILAR TO 171-266. META DIORITE, MORE EPIDOTE PRESENT AS WISPY PATCHES 300' DOWN HOLE. SULPHIDE CONTENT 21/2%.									
FINE CRAINED GREENISH GREY VOLCANIC (BASALTIC)? 347-359 SEVERELY FRACTURED VOLCANIC WITH ATZ CARA AS FILLINGS PROCONTENT IS 3-5%. DUTSIDE THIS SAMPLE PHOTE IS <1%. EPIDOTE CONTENT AT 5% AS WISPY PATCHES AND FRACTURE FILLINGS.	9092		347.0	354.0	7.0			5000	
GRUUND CORE AT: 317-320 356-359 361-362 382-383									
	36-1585 CONTAINS 75% QTE 39% BY OLOR RANCES FROM WHITSH-RED. HARD AT C. ULPHIDES AS DISSIMINATIONS LOCALLY TO 15%. ERY UNIFORM UNIT OF A META-DIORITE WITH AUSSERATIZED FELDSPARS. FOORLY FRACTURED (R) WITH OTZ CARBAND EPIDOTE. HARDVESS 55. VMILAR TO 17/-266. META DIORITE. MORE EPIDOTE RESENT AS WISPY PATCHES 300° DOWN HOLE. ULPHIDE CONTENT 21/2%. UNE GRAINED GREENISH OREY VOLCANIC (BASALTIC)? 47-354 SEVERELY FRACTURED VOLCANIC (BASALTIC)? 47-354 SEVERELY FRACTURED VOLCANIC (BASALTIC)? 47-354 SEVERELY FRACTURED VOLCANIC (WITH UTZ CARB AS FILLINGS. PHOTOMENT IS 3-5%. UTSIDE THIS SAMPLE PHONTE IS CI%. FOOTE CONTENT AT 5% AS WISPY PATCHES AND RACTURE FILLINGS. 5ROUND CORE AT : 317-330 356-359 361-362 382-383	36-158 5 CONTAINS 75% GTZ 39% Kg. 1000 1	36-158 5 CONTAINS 75% GTZ 396 By 02002 RANCES FROM WHITSH - RED. HARD AT C. 089 04002 040410ES AS DISSIMINATIONS LOCALLY TO 15%. 0900 ERY UNIFORM UNIT OF A META-DICRITE WITH AUSSERATIZED FELDSMARS. PORRY FRACTURED 18) WITH OTZ CARA AND EPIDOTE. HARDUSSS 5.5. 1711LAR TO 171-266. META DICRITE. MORE EPIDOTE RESENT AS WISPY PATCHES 300' DOWN HOLE. 14PHIDE CONTENT 21/2%. 1000 CRAINED GREENISH CREY VOLCANIC (BASALTIC)? 47-354 SEVERELY FRACTURED VOLCANIC (BASALTIC)? 47-354 SEVERELY FRACTURED VOLCANIC (WITH 172 CARA AS FILLINGS. MCONTENT IS 3-5%. 1015IDE THIS SAMME PHATTE IS CI96. 1000TE CONTENT AT 5% AS WISPY PATCHES AND 1000 TO CORE AT: 317-320 356-359 361-362 382-383	$ \begin{array}{llllllllllllllllllllllllllllllllllll$	$\begin{array}{c} 56-151 \leq contains 75% \ \end{tabular} \begin{array}{c} 75\% \ \end{tabular} \begin{array}$	$\begin{aligned} g_{0}^{2} - 1g_{0}^{2} g_{0}^{2} = 3g_{0}^{2} f_{0}^{2} \\ g_{0}^{2} = 2g_{0}^{2} RANCES FROM UNITION - RED. HARD ATC. \\ g_{0}^{2} = 2g_{0}^{2} RANCES FROM UNITION - RED. HARD ATC. \\ g_{0}^{2} = 2g_{0}^{2} RANCES FROM UNITON - RED. HARD LOCALLY TO 15 %. \\ g_{0}^{2} = 163.7 \ 1.65.1 \ 1.4 \\ f_{0}^{2} = 163.7 \ 1.65.1 \ 1.4 \\ g_{0}^{2} = 163.7 \ 1.65.1 \ 1.4 \\ g_{0}^{2} = 165.1 $	56-158 5 CONTAINS 75% OTE 3% FY 02002 RANCES FROM UNITISH - RED. HARD ATC. 02007 RANCES FROM UNITISH - RED. HARD ATC. 02007 RANCES FROM UNIT OF A META-DIORITE WITH RUSSERATIZED FELDSMARS. PORKY FRACTURED 163.7 165.1 1.4. 165.1 1.4. 164.1 1.4. 164.1 1.4. 165.1 1.4. 164.1	$\begin{aligned} 5C-1585 & CONTAINS 75% of 23% fy \\ DECOR RANCES FROM UNITISH - RED. HARD ATC. DECOR RANCES FROM UNIT OF A META-DICRITE WITH AUSSERATIZED FELDSHARS. FORAY FRACTURED R) WITH OTZ CARS AND EPIDOTE. HARDUESS 55. MILLAR TO 171-2CC. META DICRITE MORE EPIDOTE RESENT AS WISPY PATCHES 300' DOWN HOLE. ULTHING CONTENT CITY 90. MUE CRAINED GREENISH CREY VOLCANIC (BASALTIC)? AT-354 SEVEREXY FRACTURED VOLCANIC (BASALTIC)? AT-354 SEVEREXY FRACTURED VOLCANIC (BASALTIC)? AT-254 SEVEREX FRACTURED VOLCANIC (BASALTIC)? AT-254 SEVEREX FRACTURED SEVEN FRACTURES AND ACCOUNT CONTENT AT 5% AS WISEY PATCHES AND ACCOUNT CONTENT AT 5% AS WISEY PATCHES AND ACCOUNT CORE AT : 317-320 352-353 SEVEREX FRACTURED SEVEN $	$\begin{aligned} 56-1585 \leq CONTAINS 75% GTZ 336 B. \\ (2000 CONTAINS 75% GTZ 34 B. \\ (2000 CONTAINS 75% GTZ 35% GTZ $

FORM 2

NAME OF PROPERTY BROOKBANK WEST HOLE NO. 83-827 SHEET NO. 8 0 0 3 0 F 5

F001	AGE	DESCRIPTION			SAMPI	E				ASSAYS		
FROM	то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	۰,	~	OZ TON	OZ TON	
355.0	477.0	SEVERELY FRACTURED GREENISH GREY VOLCANIC. FRACTURES ARE QTZ-CARBAND EPIDOTE FILLED. 415-418 5 CONTAINS 65% QTZ WITH	909 3 909 4		410.0 415.0	412,5 418.5	2.5 3.5			Nil 0:002		
		3% DISS. PY. 410-412.6 CONTAINS GR. CORE AND 15-20% QTZ WITH 5-7% Py. EPIDOTE IS PRESENT AS WISPY PATCHES AND FRACTURE FILLINGS AT 15%. GROUND CORE AT: 393-396 407-408 427-428 437-439 THIS SECTION IS MARD AT 5.53 SULPHIDE CONTENT 1/2-1% EXCEPT SAMPLED AREAS.	9075 9076 9077 9078 9079 9080 9081		387 397 407 417 427 437 447	397 407 417 427 427 437 447 457	SLUDGË SLUDGË SLUDGË SLUDGË SLUDGË SLUDGË			0 002 0 002 0 003 0 005 0 002 0 005 0 005		
<i>477.0</i>	502.0	SIMILAR TO 385-477 BUT ONLY MODERATELY FRACTURED OTZ-CARB AND EPIDOTE AS FILLERS. ROCK IS FINE CRAINED GREENISH GREY AND HARD AT C. CROSS FRACTURING IS SHOWN AND SUMPHIDE CONTENT AS DISSIMINATIONS IS <1%.										
502.0	553	GREENISH MEDIUM GRAINED META-DIORITE. MODERATELY FRACTURED WITH QTZ CARA AND EPIDOTE FILLINGS. EPIDOTE ALSO PRESENT AS WISPY PATCHES AND IMPRAGNATIONS. SULPHIDE CONTENT 21/2%. HARDNESS 5.5 EXCEPT FOR FRACTURES, ROCK IS NON-CALCARED										

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0RM 2

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NAME OF PROPERTY_BROOKBANK W HOLE NO. 83-827 SHEET NO. 140F 6

FOO	TAGE	DESCRIPTION			SAMP	LE		ASSAYS						
FROM	то		NO.	SULPH	FROM	FOOTAGE TO	TOTAL		-	OZ TON	OZ TON			
553.0	6;23.0	SIMILAR TO 502-553. GREENISH MEDIUM GRAINED META-DIORITE. MODERATELY FRACTURED WITH GTZ CARB, EPIDOTE FILLINGS. 3" GTZ VEIN AT 582 WITH CIRTE P. FRACTURES ARE CO-70°TO CA. BASICALLY A UNIFORM UNIT. HARDNES- 55-6. 574'-576' CONTAINS 1590 QTZ AND 570 Pyrite	9095		5740	576.0	2.0			0002				
6230	648.0	FINE GRAINED GREENISH VOLCANIC MODERATERY FRACTURED. FRACTURES ARE QTZCARB FILLED AT 5% AND REDDILH MATERIAL AT 1-2% 627.4-631.5 CONTAINS 15 QTZ AND 5% PY. OVERALL PY IS 1% MAGNETIC, CALCAREOUS AT FRACTURE	9096 3.		627,4	63i.5	4.1			NU				
648.0	657.0	SLIGHTLY TRANSITIONAL LEADING TO SEDIMENTS. FOLIATION 75°CA, CALCAREOUS AT FRACTURES. MAFIC AND SOME SEDIMENT MATERIAL PRESENT. PYRITE CONTENT CI/2-1%.												
C2770	66.3.0	SE REBOLE CONGLOMERATE - REDDISH WHITE-GREEN. FULIATION 70° TO CA. CALCAREOUS IN BEAMS. SULPHIDES 1/2-1%. SPECULAR SEAM AT 663.7.=1%. STRETCHED REBOLES VISABLY.	9097 9098 9099 9/00		657.0 661.5 663.0 666.0	661.5 663 666.0 669.3	4.5 1.5 3.0 3.3			0.14 07€0 0.04 0.005				

FORM 2

NAME OF PROPERTY BROCKBANK WEST

HOLE NO. 83-827 SHEET NO. 50F5

FOO	TAGE				SAMP	E			ASSAYS		
FROM	то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE	TOTAL	•	-	OZ TON	OZ. TON
663	675	SILICIOUS REDDISH TINTED FRAGMENTAL TO LOCALLY BRECCLATED UNIT. CALCAREOUS AT SEAMS AT 10%. CUTSIDE LOCAL BRECCIA, ROCK HAS A CNESSIC AMEARANCE WITH FOLLATION FU-75° TO CA. SEDIMENT MATERIAL	9101		669.3	675.0	5.7			0.002	
		SULAHIDE CONTENT AS DISSIMINATIONS AND MICRO SEAMS									
		LOCALLY TO 10%, HARDNESS 6.	9102		675-0	679.4	4.4			0.002	
		9 SIMILAR TO 663-675. LOCALLY BRECCIATED TO A FOLIDIED ROCK, 689-645 IS MARE DEA SILICIOUS 91	9103		679.4	682.0	2.6			0.08	
675	698.9		9104		682.0	685.5	3.5			TR	
		FRAGMENTAL VOLCANIC WITH ONLY 1%-2% REDDISH	9105		685.5	689.0	3.5			TR	
		MATERIAL 696.1 DOWNHOLE DINKISH SERICITE IS	9106		689.0	691.6	2.6			0.03	
		SUCPHIDES AS ABOVE LICALLY TO 10%	9117		691.6	696.1	4.5			TR	
			9108		696.1	698.9	28			TR	
698.9	710,5	SIMILAR TO 675-6989 REDDISH BRECCIATED TO FRACMENTED UNIT. FOSB-JIC IS MORE OF	9109	25%	698.9	699.9	1.0			0.17	
		A STRITIC STRETCHED PEBBLE CONGLOMERATE.	7110		699.9	703.3	3.4			0.05	
		AT 2-5% REDDISH SILICA AT 19° 6989-6999-25% P4	9/11		703.3	705.8	2.5			TR	
710.5	729.0	SIMILAR TO 698.9-710.5 QUTZITIC PEBBLE CONGLAMERAT STRETCHED QUTZ FEBBLES PRESENT, HARDNESS 6. SULFHIDES <190.	- 9112		705,8	710.5	4.7			0.24	
7290	732. E0H.	FRACTURED DARK BLACK SILICIOUS VOLCANIC. GTZ PEBBLES PRESENT. SULPHIDES NIL. GTZ AS FRACTURE FILLINGS AND AS VEINLETS.									

Ž	LOCA	TION:	BROOKBANK PROPERTY: METALORE	Res	OUR	CES	,	÷	HOLE	NO: '	83-	<u>828</u>									
	LATI INCL AZIM STAR	TUDE: IN: UTH: TED: DE LETED:	$\frac{+455}{-65^{\circ}} \text{ departure: } 8+00 \text{ W} \text{ length: } 981 \\ -65^{\circ} \text{ core size: } NQ 17/8" \\ 0 \text{ DIP TESTS: } 400' - 70^{\circ} \\ -65^{\circ} \\ 342^{\circ} \\ -65^{\circ} \\ 342^{\circ} \\ -65^{\circ} \\ -70^{\circ} \\ -70^{\circ}$	ELEVATIC DRILLED DRILLED	N: BY: Br FOR: M	10/6 RADL 16791	EY BE	RESC	CLAI SECT LOGG DATE	M NO ION:_ ED BY: LOGGE	BAR D: D/	B KOU EC.7	JAISKI- JAISKI-								
	PURPOSE: TO TEST BROOKBANK ZONE (SERCITE-SCHIST).										Barbk										
	From	To		NO.	From	To				Autr.											
-	00	80	CASING	•																	
	8.0	333.2	MASSIVE, FINE-GRAINED, MEDIUM-GREEN: MAFIC			•															
			VOLCANIC. LESS THAN 10 % FRACTURING WITH					·													
• • •			WEAK DEVELOPMENT OF ALTERATION S(EPIDOTE)							<u>_</u>											
100 - 100 -	· · · ·		POTASSIC) VOLCANIC IS WEAKLY MAGNETIC.		·																
			CURRENT VOLCANIC IS SILICIFIED THAT IS CONTRACTOR																		
			RIACY (ILLING) AUDRED VEINLES CEVALIA				<u></u>														
-	-		WIDTH CALCITIC AD E CARPONTATE AND				-														
			CHIORITIC BLERS OND USIAN FTS OCCUR						{												
		· · · ·	PILLOW SELVAGES ARE NOTED VERY LOCALLY																		
		<u>حد :</u>	TE SID DEERS ARE CALCITE RIMMEN KY KEELNER	R		میں															
			AND EPIDOTE VEINS AND BLEBS WITHIN THESE	9					-			-	·								
			CALCITIC ZONIES 3% DISSEMINATED PYRITE				des Carton Array.														
			DCCURS SPECTROMETER READINGS (2) OF THESE	•	-																
·		· · · · · · · · · · · · · · · · · · ·	PINK CALCITE AREAS ARE 30-35 COUNTS PER		1984 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 -	-	······				- • •		· _ · · · · · ·								
			MINUTE.																		
		· ·	OVERALL THERE IS <13 DISSEMINATED PYRITE,					l					-								
	•	- 	AND FINE-GRAINED BLUE METALLIC MINERAL.	-								 									
			AT OUL OVER LIMPICUL RAFERIATED ATTAC					 				<u> </u>]	·								
			HI. 74.4-76.5 WEAKLY BRECCHIED, FOTADSIC			<u> </u>						┟───┦									
i					<u> </u>		L	I				L]									

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·	۔ بیب	_	· DIAMOND DRILL RECORD & LOG			· .	•••		-		· _ ·		3 (3 7 - 37)	
Æ.	ST LOCAL	ON:	BROOKBANK METALOKE	RES	OURC	FS			HOI	LE NO:	83-	Rag		
	LATIT INCLI AZIMU START COMPI	TUDE:	$\frac{57455}{-65^{\circ}} = \frac{87000}{1000} = \frac{10000}{1000} = \frac{100000}{100000000000000000000000000000$	-ELEVATIO	DN: BY: FOR:	RADL! ME714	EY PR	205 (05)	CLJ SEC LOX DA:	AIM NO. CTION: GGED-BY TE LOGGI	<u>BA</u>	SBKOU EC. 73	1963 1963	
	PURC		COOKBANK FONE (SERICITE SCHIST & REACONGAONENTIC	-,, 								 	•	
ł	From	ET. To	DESCRIPTION	NO.	From	TO	LENGTH			AS: AUT	SAYS			
- -			ALTERATION IS POORLY DEVELOPED WITH UP TO	9193	94.4	96:5	2.1			0.005				
ŀ			READINGS (2) 40 COUNTS PER MINUTE.											
-			AT 022 1225 INTOLINEDEL 4. PPECOUNTED	0.04	00.2	1005				0.01				
┠			POTASSIC ALTERED. DEVELOPED FE-CARBONATE:	1177	78.5	1000	a.a.			0.01				
Ī			QUARTE AND CALCITIC VEINLETS. TWO											
		•	PERCENT DISSEMINATED PYRITE. SPECTROMETER READINGS (2) 30 COUNTS PER MINUTE.										:	
			AT 100.5-110.0 GROUND CORE. WEAKLY											
- [ALTERED WITH EPIDOTE AND POTASSIUM.IN											
<u> </u>			CANLIE BLACK QUARTE UEINLEGTERS IN WIDA)										· ·	
ŀ			AT 110.0-127.6 SID" STRONG K-ALTERED	-			* •							
Ţ.			CALCITÉ ZONE AS DESCRIBED PREVIOUSLY			· · ·		i				<u></u>		
ļ	····		1-1771 12811 SULC -015 70515 1 15-4		<u> </u>		·					 		
┢			K-FELDSPAR RINNED BY EPIDOTE. FIVE PERCENT	╂────						· <u> </u>				
Ľ		·	DISSEMINATED PYRITE. SPECTROMETER READING											
[.			30 COUNTS PER MINUTE.		<u> </u>							<u>l</u> ·		
<u> </u>				1	}	ł	I			. I		1 1		15

LOCATION:	DROOKBANK PROPERTY: METALOR	E REJOU	URCES	<u>}</u>			HOLE NO:	83	<u>- BZ</u>	8
LATITUDE: INCLIN: AZIMUTH: STARTED:	$\frac{57455}{-65^{\circ}} \text{departure: } 8700 \text{ (N)} \text{length: } 981 \\ -65^{\circ} \text{core size: } NQ 17/8'' \\ 342^{\circ} \text{dip tests: } \\ FC = 2.083 \\ \text{Message}$	ELEVATIO DRILLED	DN: BY:	CADL	EYBR		CLAIM NO. SECTION: -LOGGED-BY DATE LOGG	ED: DE	2 <u>8-K0</u> 7C. 73	
COMPLETED PURPOSE:	DEC.IL, 1983 SROOKBANK ZONE	DATION	· .	<u>E/H</u> L(.(,	•		at to generate a film
FLET	DESCRIPTION	SAMPLE	- Föozz	AGE .	LENGTH	-	AS	SAYS		
From .TO		NO.	From	To		1	Aut	1Ag/T		
	AT 203.7-206.5 SIMILAR TO 127.6 TO 128. (MASSIVE)	//						· · ·		
333.2406.	7. DIORITENIN SHARP CONTACT WITH UOLCAN MAFIC MINERALS IN DIORITE ARE NOT UNIFORM	10,9195	333.2	339.//	6.9		TR	Nil		
	DISTRIBUTED DIORITE IS BRECCIATED WITH									
	POTASSIC ALTERATIONAT 3332 TO 339.11. QUARTZ									و مذک مجزری د قامان
	VEINLETS (<18" IN WIDTH) , K-FELDSPAR, CALLITE	<u></u>						· ·		
·	EPIDOLE PE-CARBONALE H OCCUR IN BLEB		-	·					·	:
	PURITE AND 32 FINE-GRAINED BLUE						<u>·</u>			<u> </u>
	NETALLIC MINERAL SPECTROMETER READINGS (2)	>								
			=	•	··· .			-		
	AT 342-347 SAME AS 333.2-339.11 - LESS THANT IS BEVE METALLIG MINERAL.	<u>9196</u>	342	347	5		TR	Nil		2001_1
	SPECTROMETER READING 35 COUNTS PER			-					-	
	- MINUTE.									
····	AT 347-406.7 DIORITEL HAS ACQUIRED A RED NUE INITY NON- UNITED NICTEIRITION ! OF		-						+ 	•
	MAFIC MINEKALS (< 1/8" IN SIZE) TO MAFIC									
	PHENDCRYSTS REACHING 14" IN STEE. DIORITE	•							·	
			11-						⊦ <u>-</u>	

• • •	DIAMOND DRILL RECORD & LOG		• . • .				•		•	·
LON:	BROOKBANK PROPERTY: METALORE	= RE	SOUR	ES		-	HOLE NO:	83-	Bal	
LATITUDE: INCLIN: AZIMUTH: STARTED: COMPLETED: PURPOSE:	57455 DEPARTURE: 8701, LENGTH: 981 -65° CORE SIZE: NQ 17/8" 342° DIP TESTS: CC.2, 1983 DEC. 11, 1983 COKBANK ZONE.	-ELEVATIO DRILLED DRILLED	DN: BY: FOR:	SADLE ETAL	y Bec OKE R	- F. TOUK	CLAIM NO SECTION: LOGGED-B DATE LOG	Y <u>Sath</u> GED: <u>6</u> (Kaurol 2.75K	154
FLET	DESCRIPTION	SAMPLE	-P-007/	966	-			SSAYS		•
From To		NO.	From	To	T					
	IS SOUTH REFERENCE AND EROSENIES INTH									
·	D WEAKLY OKECCIATED AND FRACTORED WITH								·	
	DE VEIXVETS AND RIERS TWO PERCENT ENG-	·								
	CRAINED DISSENINATED PYRITE AND SIZ			·					·	
	BLUE METALLIC IN APPEARANICE MINERAL, PYRITE		1							
	GENERALLY IS (DNICENTIKATED IN CHLORITIC									
	MEINLETS, SPECTROMETER READINGS . 5 (6) AT							- · ·		
	30 COUNTS PER MINUTE.							<u>~</u>		:
06.7 424	SHARP CONTACT. MASSIVE MAFTE VOLCANIC.				-					
	POORLY FRACTURED, SAME AS 8:0-333.2.									
					=					
24.0 473.	DIDRITE WITH UNIFORM DISTRIBUTION OF	-								
	NAFTE MINERALS UERY WEAKLY-FRACTURED	-							\square	•
	1.11TH STRINGERS OF QUARTZ- CARRONATE (PINKHUN	d)								
	LOCCASSION PLAY REPORTING TO VEINS OF 1/2"								+	
	(ALTERATION) STRINGERS OF K-ALTERATION AND									
	TOIDOTE FENTRALLY < 19 DECEMINIATEN	1	1					1		
	PURITE INCALLY THAT IS <14 AREAS 3-25 PURITE				t			1	+	 ,
	IS FOUND DIDRITE IS INFAMILY HARMETIC		-[·				┟┉━───┼	
	15 TUUNY, DIUNITE IS WERTALI HAVING INS								┟────┼	
			1						┟╧╼╼╼╋	
					<u>├</u>			- ! '	↓	

	z.										-	-		-
	LOCAT		BROOKKANK PROPERTY: METALORE R	ESOUR	ES A	TD.			HOL	E NO:	83-	Bar	2.50	
15	i 🔴			-			•				-	•.		
			_						CLA	IM.NO.				
	LATI		7455 departure: 8700 length: 981	ELEVATIO)N :		-	•.	SEC	TION:		- Paris		,
	INCL	IN:	-65°		-	•	. R		DAT	e logge	D: DE	$\frac{1-1}{2}$	1983	
	STAR	TED: D	<u>542</u> <u>EC.3.1783</u>	DRILLED	BY: DA	RADL	DRE	<u>ROS</u> RE	50,	DEF	<u> </u>			i
1	PURP	LETED: T	EC. II 1983-								<u>~</u>			
			ROORBAIDE EURE		•									
**~						-							•	
		ET	DESCRIPTION	SAMPLE	_FOC	TAGE	LENGTH		·	ASS	ars		· ·	
:	From	· To		NO.	From	To				Ault				
	473.1	473.8	QUARTZ-CARBONATE VUGS WITH WEAK						-					
-			K-ALTERATION. FIVE PERCENT COAKSE-						•					
			GRAINED PARITE SPECTROMETER READINGS			•								
			FOR COUNCY PER MINUTE TOU FERCEN	<u>_</u>		•								
									······································					
	473.8	697-0	DIORITE SIMILAR TO 424-473.1. LOCALLY ROCK HAS											
			BEEN SIZICIFIED IN TERMS OF INCREASE. IN HARD-	<u>.</u>		44.4. <u>0</u>		-		<u> </u>		·	·	41
• .			MATIC MINERALS HAVE REEN FLATTENED LOCALLY		· ·		<u> </u>	·						
			DEMONSTRATING MODERATE DEGREE OF SHEARING.		·								······································	ľ
	(07.0					<u></u>								
· · · · ·	69. <u>+</u> .0-	+23.8	-SAME AS-80=333.2 MAFIC-VOLCANIC. SHARP -					_=			÷	<u></u>		;
r ~			LODIACI WITH DIONIE.						:					
	723.8	739.9	SAME AS 473.8-697.0. DIORITE SHARP CONTACT										<u></u>	
		•	WITH MAFIC VOL CANIC.				·			· ·				•
	720.0	<u>auno</u>	MATIC WALCONT INTER AND ALT SHARP CONTACT INITH						. <u> </u>				•	
	T-7-C-T	Mary	DIDRITE THIS ZONE IS APHANITIC AND IS							·				
			EXTREMELY HARD (SUGGESTING SILICIFICATION);									·		
			BLACK-GREEN IN COLOUR. WEAKLY DEVELOPED							┨────┨				
	=		IQUART + STRINGERS HRE DISPERSED / HROUGHOUL							↓]	il	•	

and the second
	- تو - بر د	•	DIRFAM DRIM & LOS				3 00 _	-	• • • •	· · · · · · · · · · · · · · · · · · ·		
A115	LOCA	TION:	BROOKBANK PROPERTY: NETALORE	RESOUR	PEES	KTD.	- •		HOLE NO	»: К-а	8	
AUTO							•		•			
									CLAIM I	ю		
	LATI	TUDE:	74455 departure: $8+00$ () length: 981	ELEVATIO	DN:		-	• -	SECTION		20 14	
	INCL	IN: -	-65° CORE SIZE: NG 17/8"					_	DATE LA	GGED:)	EC 7.	1987
	STAR		342° DIP TESTS:	DRILLED	BY: P	RADLE	Y BRO	S			-	100
	COMP	LETED	DEC. 11, 1983.		FOR: 17	ETALOI	<u>ee kes</u> e	OURCI	ES LTD.			
	PURP	USE: BR	OOKBANK FONE.		•		•			•		
·		•*								•		
-							1					
	From	To	DESCRIPTION	NO.	From	46£	-LENGTH		1/1	ASSAYS	-	1
									<u> </u>	// Hq//		
-			AT 887-912.0. FINE-GRAINED MEDHUH-GREEN MARIC									
			ROCK WITH 15-20% QUARTZ AND CALCAREOUS (WEAKLY	1	ļ	 			·	·		<u> </u>
۰.			PINK) VEINLEIS. MICHALY-ROCK IS SHEARED WEAKLY.			<u> </u>					·	
			AND DRECCIFIED WEAKKY. THREE PERCENT FE-CARD.						·			
•			MESENI IN THE FORM OF DREASS FINE ORAINED JO	· [·	•	·
			DISSEMINATED PARTE. RULE HAS REDDINA HOE 2									·
			SPECTROTIETER READING (3) TO LOUN'S FER TINUTE.									
	Q12.0	0370	ENTIPE CECTION IS MODEPATELY REFECTATED NEEP-								<u>↓. →</u>	<u> </u>
	LIA U	10/10	PER IN COLOUR' OUDRIZ CONCAPTOUS AND CHURRIER		· · ·						+	
			STRINGERS THROUGHOUT LOCALLY POCK IS HODERATELY									
			SHEARED VERY FINE-GRAINED 42 DISCEMINATED							=		<u> </u>
			PYRITE AND 22 BK-1) =- METAKG IC- KINSTROUS-NINJERAK									<u> </u>
		·	9120 - 9232 SPECTROMETER READING 30-40 COUNTS	9197	912.0	922.2	11.10		0.0	12 0.01	1	
			PER MINUTE.					-				
		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	923.2 - 932.0 -> N5 COUNTS PER MINUTE.	9798	423.2	932.0	9.70		0.0	2001		
		and the second	932.0 -937.0 > 40-45 COUNTS PER MINUTE	9199	9320	937.0	5.0.			· .		
			-								.]	•
											<u> </u>	
											<u>↓·</u>]	
											<u> </u> !	ļ

		TAMOND DETLE PEODE E LOG				, .		·	- 1.	· _	
CA	TION:	BROCKBANK PROPERTY: METALOKE RE	SOURC	ES				HOLE NO	: R-2	8	
LATI INCL AZIM STAF COMI PURI	TUDE: IN: IUTH: TED: DE PLETED: T OSE: TK	$\frac{7455}{65^{\circ}} \text{DEPARTURE: } \frac{8100()}{1000000000000000000000000000000000000$	ELEVATIC DRILLED DRILLED	DN: BY: <u>B</u> t FOR: <u>[</u> ^	SADXEY 1ETAKG	<u> </u>		CLAIM N SECTION LOGGED : DATE LO E.S. LTT	D : BY: <u>PAK</u> GGED: _T	10 KOWY VEC 113	<u>ILSKI</u> 1923.
F	FET	DESCRIPTION	SAMPLE	Fog	TAGE	LENGTH			ASSAYS		* * * * * * * * * * * * * * * * *
From	TO		<u>NO.</u>	From	To			Aul	7.		
9370	94110	SHARP CONTACT GRASS-GREEN MAFIC SEDIMENT. GRANULAR IN APPEARANCE. MODERATELY-WELL FOLLATED 45° C/A LUEAK DELELOPMENT OF									
		QUARTZ DARK-GREEN CHLORITIC, PINKISH CALCITIC VEINKETS LESS THAN 3% DISSEMMETE		·					 		
941.10	9450	POLYMITIC METACONGLOMERATE WITH STRONG FORMATION.	9200	941.10	9:45.0	3.2		Ni			
		CRASTS DEEP-GREEN CHLORITIC OUARTZ MNKISA CANCITIC VEINLETS THROUGHOUT MATRIX IS GRASS-GREEN WITH VERY WEAK K-ALTERATION. MATRIX IS GRANULAR IN APPEARANCE.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·							
945.0	961.4	SIMILAR TO 941.10-9450. FRATTENED GRANITIC CLASTS HAS INCREASED TO 5% (40-50 counts per minute). EXTREMELY FLATTENED MAPIC CLASTS. PINKISH CALCITE AND QUARTZ CLASTS AND VEINLETS PRESENT THROUGHOUT. FOLIATION IS EXTREME DEFINING A SCHIST (60° C/A). MATRIX IS DARK BLACK-GREEN IT IS VERY HARD AND GLASSY IN APPEARANCE IN PLACES (SILICIFIED). KINK BANDING IS NOTED.									

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			DIAMOND DRILL RECORD & LOG		*	, •	. 		میں . مربعہ ا				
17 Sam	CAT		BROOKBANK PROPERTY: NETALORE K	RESOURC	ES .				HOL	E NO:	B·28	>	
	LATIN INCLI AZIMO STAR COMPI PURPO	CUDE: IN: ITH: CED: LETED: DSE: PX	<u>51455</u> DEPARTURE: <u>8+000</u> LENGTH: <u>981</u> <u>-65°</u> <u>CORE SIZE: NQ 17/8"</u> <u>JIP TESTS:</u> <u>EC. 2,1983</u> <u>NEC. 11:1983</u> <u>CONE BONK ZONE</u>	ELEVATIO DRILLED DRILLED	DN: BY: FOR:	CADLE CTALO	<u>j Broj</u> Ke ke	5 500/KC	CLA SEC LOG DAT	IM NO. TION: GED;BY: E LOGGI	ED: DE	3 Kowk C. 11 fr	12KI 83
· · · · -						-						· · · ·	-
A CONTRACTOR OF A CONTRACTOR	FE		DESCRIPTION	SAMPLE	From	THGL	LENGTH			AS	SAYS		
	F LOM	10								/14//.	 '		
	•		945.0-950.9	9201	9450	950.9	5.9.			0.002	 !		
					1								
· · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	950.9-956.3-	9202	9509	9563	5-6		•	TR			······································
				-			<u> </u>						
			956.3 - 961.4	9203	956.3	961.4	5.1			TR			
	CY L L		CUDATE STRUCTE (CATAN LICENA A) CULORITE STUST	18204	01111	C(C)	4.7					· ·	
	לייוטר		GRADUAL DISAPPEARANCE OF GRANITIC CLAITS FINE-	9205	96511	16511 97010	4,1	·		Te		· · ·	
			GRAINED 35 PYRITE IS FOUND ALONG CHLORITIC		· ·								
	<u>.</u>		SEAMS FOLIATION 50° C/A.										
						•			·				
	HO:10	9810	SHARP CONTACT WITH CREAN-COLOURED SCHIST.	 									
			MODERATELY FOLIDIED (45°C/A), FAIRLY UNDEFORTED							\vdash			·
			CLASTS (IN) GRASSY - GREEN GRANNLAR MAFIC MATRY.				· .		 				•
			CHLORITIC VEINLETS (< 1/2" IN WIDTH) ARE DISPERSED										
			THEOUGHOUT MATRIX OF THIS METACONGLONERHTE.		<u> </u>					┟			

1			- DIAMOND DRILL RECORD & LOG							
×-1	LOCAT	ION: B	ROOKBANK. <u>PROPERTY: METALORE</u>	RESOUR	ICES.			HOLE NO:	63- B;	29
	LATIT INCLI AZIMU STARI COMPI PURPI	UDE: 5 N: - TH: TED: DE LETED: OSE: BI	$\frac{+00.5}{65^{\circ}} \text{DEPARTURE: } 6+00\% \text{ LENGTH: } 852' \text{ CORE SIZE: } BQ \text{ CORE SIZE: } BQ \text{ DIP TESTS: } 400' - 66^{\circ} \text{ STS2' - } 400' - 66^{\circ} \text{ STS2' - } 400' \text$	ELEVATIC DRILLED DRILLED	N: <u>/C</u> BY: <u>BRA</u> FOR: <u>ME</u> 7	JZ LEY BROS ALOKE RE	S. SOURCE	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE	: BAKB K SD: DEC.	<u>DWALSK</u> I 16,1983.
		·								
ŀ	FEE	T	DESCRIPTION	SAMPLE NO.	FOOTAG	SE LENGTH		ASS 1 Ault	SAYS	
-	0.0	8.0	CASING							
	8.0	96.0	MASSIVE, FINE-GRAINED, MEDIUM-GREEN MAFIC VOLCANIC, WEAKLY MAGNETIC, AND FRACTURED WHERE QUARTZ, CALCITE, EPIDOTE FILL IN THE TATTER FOR ALLY-INDUCANIC IS IN EAKLY	· · · · · · · · · · · · · · · · · · ·						
			BRECCIATED WITH POTASSIC ALTERATIONI. CHLORITIC VEINLETS ARE PRESENT THROUGHOUT. TWO PERCENT DISSEMINATED PYRITE							
4	96.0	97.0	QUARTZ- CALCITE VEIN WITH K-ALTERATION. FIFTEEN PERCENT DISSEMINATED PYRITE. SPECTROMETER READING 35 COUNTS PERMINUTE.	9206	96.0 9	70 7~				
	97:0	100.6	WEAKLY BRECCIATED WITH POTASSIC ALTERATION IN UDLCANIC. QUARTE MICROVEINLESS (<5%) THROUGHOUT. FIVE PERCENT DISSETUNATED PURITE SPECTROMETER READINGS (4) 30-35.	19207	970 10	76 3.6		0.002		
	100.6	107.0	SIMILAR TO 8.0-96.0.							
 ł <u>خني د من من</u> د	!								<u> </u>	

OCAT	ION: J	ROOKBANK PROPERTY: METALOKE	RESO	URCES	•			HOL	E NO:	83-	B29	>
	. •					•	• .	CLA	IM.NO.			
LATIT INCLI AZIMU	NUDE:	$\frac{6+005}{65^{\circ}} \text{Departure:} \frac{6+00}{65^{\circ}} \text{Length:} \frac{852}{60} \text{CORE SIZE:} BQ \text{DIP TESTS:} DIP TE$	ELEVATIO	by: <u>Br</u>	RADLE	y Bros	5	LOG	GED BY E LOGG	ED: DE	B_KOU 5 C. /6;	۔ ملا بر
TCOMPI PURPO	DSE: BR	ODK BANK	DRILLED	FOR: M	TALOK	<u>E_RES</u>	OURC	<u>ES</u>			in an	
							-					
FE	ET.	DESCRIPTION	SAMPLE	FOO7	AGE	LENGTH			AS	SAYS		-7
From	To			FIOM	.10				Hu/T	<u> </u>		4
107.0	1370	DIORITE. MAFIC MINERALS (21/8" IN SIZE) ARE										_
		NOT UNIFORMLY DISTRIBUTED IN THIS SECTION.								<u> </u>		
-		WEAKLY MAGNETIC AND FRACTURED WHERE QUARTZ.			•					<u> </u>		
		CALCITE EPIDOTE FILL IN THE LATTER. LOCALLY								 	<u></u>	_L
		DIORITE IS WEAKLY BRECCIATED WITH K-ALTERATION.		·								_
	- man	TWO-PERCENT DISSEMINATED PURITE										_ -
		AT 130.4-137.0 PHENOCRYSTS OF MARIC MINERALS				* ·						
		ARE DISPERSED THROUGHOUT THIS SECTION.						·		<u> </u> -	<u> ·</u>	+
							•		<u> </u>			
1370	232-6	DIORITE DOITH ONTOKIKS DISTRIBUTED FIDERC									-	┿
		MINERALS. SIMILAR TO 107.0-137.0.										+
001	01/70	SINULAR TO MARIA WALCONIC DO -9/10									<u> </u>	+
0.30.6	d470	SHAP CONTRACT WITH DUPLITE	-									╋
		SHARP CONTACT WILL TORILL									} ·	- -
21/70	219.0	ALMETT WEINT WITH WENVLY BEECCIATED AND	9200	2170	249.2	2.21			To			+
<u>an+0</u>	atra	ONTO SUC NITERED WALLNOCK FIVE PERCENT	1000	<u><u>urr</u></u>	alla	<u>~ a</u>			-10-		<u> </u>	+
<u></u>		NISCEMINIATEN PUPITE										土
<u> </u>				1								t
249.2	2700	SAME AS 8.0-96.0. AT 268.2-269.2	9209	2682	269.2	11		· ·	0.01	<u> </u>		t
		WUARTZ VEIN WITH 5% DISSEMINATED PYRITE IN			· · · ·							T
1				1				T	1		A	

	LOCATION: BROOKBANK PROPERTY: METALORE	KESOU	RCES				HOLI	E NO:	83-	329	
	LATITUDE: <u>5+00S</u> DEPARTURE: <u>6+00W</u> LENGTH: <u>852</u> INCLIN: <u>-65°</u> AZIMUTH: <u>342°</u> STARTED: <u>NEC. 12, 1983</u> COMPLETED: <u>DIP TESTS</u>	ELEVATIO DRILLED DRILLED	N: BY: <u>BK</u> FOR: <u>M</u>	ADLE. ETALO	y bros re re	5. Sour		IM NO. TION: GED BY: E LOGGE	D: Dz	<u>3 KOu</u> 2 C . / 6;	JAASK JERT
							1 1		an a	-	
	DESCRIPTION	SAMPLE	FOU	TAGE	LENGTH			ASS	SAYS		
•	From To	NO.	From	To			<u></u>	Autr			
··	570.0 390.0 SIMILAR DIDRITE TO 137.0 -232.6 10CATAY					-					
	4100 STOL STITLAR DIONTE TO STOLADA NOCHNA										
· ·	SECTION.			• * •							
-							•				
	390.0 591.8 SIMILAR TO 8.0-96.0. LOCALLY ALTERATIONS ARE]				· · ·					·
	TODERATELY WELL DEVELOPED. LESS THAN TO		•								
	DISSEMINATED FORME.					· ·					
	$- \frac{1}{1} \frac{1}{10.7 - 110.8} \frac{1}{0.000} \frac{1}{0.000}$	1									
en. 77	AT 539-2-5405-WEAKLY BRECCIATED AND										
	POTASSIC ANTERED WITH WEAK DEVELOPMENT OF		·							2	
	SHEARING QUARTZ, CALCITE, CHLORITIC VEINLETS	.]							· · · · ·		ļ
	PRESENT										
	FOUTTOF 2 SOUTH AS MARITE AT 1320-232.6										
	DY1.8 602.3 DAITE AS DIONTE IT DIO -02 8					[• • • •		
	(05: 3 633:0 SAME AS MAFIC VOLCANIC AT 8.0-96.0. SHARP				•]				<		
	CONTACT WITH DIORITE.			<u> </u>	·		<u></u>				ļ
			. · ·	**							
	633.0 6960 SAME AS DIORITE AT 1370-232.6. MARP CONTACT										
	TOLOVICE SAME AS MARIE UNICALLIC S-D-96.0										
	676.0 677.6 SAFIE AS THEIR DURCHNIN A C TOUS								• =1 2		
		1	1				· · ·	I , , I		1 ¹ · · · · · ·	· · ·

		- DIAMOND DRILL RECORD & LOG				. · ·		•				
LOCAT		ROOKBANK. PROPERTY: METALORE	RESOU	RCES.	. <u></u>			HOI	LE NO:	83-	BQ9	
10						• • •			• • • •	· · · · · · ·	• • •	
								CT.2	TH NO			
		2005 man (+M) man 852'				•	• .	SEC	TION:			
LATIT	TUDE: TN:	-45° DEPARTURE: 0700 LENGTH: 000	ELEVATIO	JN:	•	······		LOC	GED BY	BAR	BKOU	JALSKI
AZIM	UTH:	342 · DIP TESTS:	DRILLED	BY: R	PADIF	4 RPC	·	DAT	re logo	ED: D	<u>EC.16</u>	2183
STAR	TED: DE	<u>-C.12-1983</u>	DRILLED	FORT	ETALO	RE RE	SOUR	YES.			ه. د ۲۰۰ د م	
PURP	OSE: P.K	MERDANE						_				
American States				•							• .	
	÷											• 1
	FT	DESCRIPTION	SAMPLE	FOOT	TAGE	LENGTH			AS	SAYS		· · ·
From	TO	•	NO.	From	To				Aut			T
1001	7000	CINIL DR TO PO-91 O EVOEDT THIS STOTION IS LIEDRING										
611.6	<u>tauu</u>	FOLIATED (31° C/A) AND KUCAKKY ITHS WEAK DEVELOP.					·]	·				•
· ·		MENT OF K-ALTERATION, BRECCIATION AND AN INCREASED							1			
		NUMBER OF QUARTZ VEINLETS (14" IN WATH). SPECTROMETER							1			
	<u> </u>	READINGS (4) AT 25 COUNTS PER MINUTE. LESS THAN 13							·			-
	2:	DISSEMINATED PYRITE.	· · · · ·	<u> </u>			<u> </u>					
7000	7/11/7	CRASS CREEN HOFIC SENIMENT CRANIN AR IN APPEARMANTE									<u> </u>	
ta00_	7777	WITH LOCAL FEATURES AS DESCRIPED IN 699.6-720.0.					<u> </u>		·		<u> </u>	
		LESS THAN 16 DISSEMINATED PURITE.								* **		
744.7-	782.5-	POLYHITIC-HETACONGLOMERATE-WHERE-CLASTS-ARE-WELL-										
	 	FLATTENED AND MATRIX HAS THE APPEARANCE OF A SCHIST.	<u> </u>						 	·	<u> </u>	
		MATRIX IS WELL SHEARED WITH CHLORITIC UEINKETS										
	<u> </u>	MATTERIAL (FOLIDION 40° CA) LATE STAGE KINKED	· ·						<u> </u>			<u>}</u>
	•	QUARTZ-VEINLETS-CBOSS-CUTS-FOLIATION_SPECTROMETER						·				1 · · · · · ·
		READINGS ON GRANITIC CLASTS (4) 40 COUNTS PER		1			- -				·	
	•	MINUTE. THREE PERCENT DISSEMINATED PURITE.							ļ	<u> </u>		
ļ		THIS THE A CHARTS MADE AND CHARTER (110	9010	7,11/7	7110.	11.5'	· · ·	···				
		TTTT PER MUNITE CLASTS ARE WELL ELATTENEN	110/10	747.7	+41.0	73			IR		ľ:	
		WUND FER I HINVIED CHOUS AND WELL FRAITENED.	J			 					[]	

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LOC	Ion: B	ROOKBANK PROPERTY: METALORE K	ESOURC	ES			1	IOLE NO:	83-1	329	• • •
LATITU INCLIN AZIMU STARTI COMPLI PURPO	JDE: _5 1: CH: ED: <u>DE(</u> ETED: 5E: BR($\frac{+005}{65^{\circ}}$ DEPARTURE: $6+00W$ LENGTH: 852 65° CORE SIZE: 80 342° DIP TESTS: 2.12,1983	ELEVATIC DRILLED DRILLED	DN: BY <u>: Br</u> FOR: M	арлеч Еталор	BROS. RE RES	- 1 JURCE	LAIM NO. SECTION: LOGGED BY DATE LOGG	ED: DE	Kowpi C. 16	<u>-SK</u> 198
				·					·		
FEET	TO	DESCRIPTION	SAMPLE NO.	FOO-7 From	AGE	LENGTH		AS	SAYS		
	· ·										┢
		THREE PERCENTA DISSEMINIATED PURITE, WHERE - MOST									=
		OF IT. IS FOUND ALONG THESE CHAORITIC VEINLETS.					<u>·</u>		╂╼╼╧╍┨		<u> </u>
		749-0-7550 TNICREASED NUMBER DE GRANITIC AND	9211	749+1	755.0	6.12.		Tu			
	-	QUARTZ CLASTS VERY FINE-GRAINED PYRITE (3.5%).	_105_11								
		755.0760:0-FEWER GRANITIC AND QUARTZ CLASTS FROM	9212	755.0	7600	5.0'		TR	<u> </u> i		<u> </u>
		749.0-755.0. SIMILAR TO 744.7-749.0.		·····		·	·		· · _		Ĺ
							·				
• •		7600-7650 FEWER GRANITIC CLASTS BUT INCREASED	9213	7600	765.0	5.0'		TR			
		AMOUNT OF BLACK, VERY HARD (SILICEOUS) MATERIAL,							 		┣
		FROM THET OF 744.7-782.5.			<u> </u>		<u> </u>				\vdash
	<u> </u>	THE - THER FRIDE CINETE AT THE THE STA	0-111	7150		-11.01		- F.	 		⊢-
		THEREASED NUMBER OF ALARTZ VENUETS (SW/1) VINTE)	1a17_	7620	76Y 3	7.0					=
		AND BINCY WITHER OF WURKER VEINAGING THE WITHIN DEOREN	↓ ↓			·					H
		DISCEMINATED PURITE	i						<u>├</u> ────┤		\vdash
					•						
		769.8 - 772.0 SAME AS 755.0-760.0.	9215	769.8	772.0	2.4'		TR			Γ
		772.0-777.0 SAME AS 765.0-769.8.									
			1			1 · · · ·			1		1

_		DIAMOND DRILL RECORD & LOG										• -
LOC	ION: B	DOKBANK PROPERTY: METALORE	Resour	CES				HOI	E NO:	83-B	29	
					<u></u>							
								CLA	IM NO.			
1 2077		7005 DEPARTURE. 6700(1 TENGTH. 852	FLEVATI	ON •	-	-	• .	SEC	TION:			
INCL		65° CORE SIZE: BQ			•				GED BX	BAK	s Kow	AKS
AZIM	UTH :	DIP TESTS:	DRILLED	BY: BI	RADLE	y Bro	Ś.	DAI	.2 10000	<u>. De</u>	<u>. (- 16-</u> 1	ΩX.
STAR	TED: DE		DRILLED	FOR: M	ETALC	RE RE	sou	RCES	2			
PURP	OSE: R	POKRANK				•				•		
	QI			•								
									•			. •
			-CANDT P	-5007	ACE.	TENOTH				C-14/Cat		
From	To	X DESCRIPTION	NO.	From	TO	LENGIN			14.17	AIS		Ī
									10011	<u> </u>	<u> </u>	†—
		777.0-782.5. VERY WELL FOLIATED MATRIX (50° C/A)	9216	7770	7825	5.5			IR	·		
		WITH FLATTENED MAFIC, QUARTE AND GRANITIC CLASTS.						· .		· .		
		GRANITIC CLASTS ARE PALER IN COLOUR (25-30 COUNTS		<u> </u>	· · ·				ļ	<u> </u> :	 	<u> - </u>
		PER MINUTE) MASSIVE PURITE VEINLETS (< YOU IN		 			<u>-</u>		·			<u> </u>
	·	VIDTH; 20%) OCCURS IN MAFIC CLASTS AND							·			├
<u> </u>	<u></u>	CHLOKITIC VEINLETS. THE MASSIVE PURITE VEINLEIS		.								
		ALE EVENAS DISTRIBUTED THROUGH THIS SECTION	•	1 America			•					<u> </u>
225	199.1	SERVICE (CARON-CHLORITE-SCHIST WITH DOLE PINK	9217	792.5	789.6	2.1			Te			
	10 10	QUARTZ AND PALE GREEN CHLORITIC VEINLETS			1010							
		QUARTZ BLEBS WITH PINK HUE ARE FOUND						1	1			
1		THROUGHOUT THIS SECTION TWO PERCENT VERY										
				1	-				-	:		
<u>.</u>		FINE-GRAINED-PYRITE	20000-2.7									
		FINE-GRAINED-PYRITE					. <u> </u>					· · ·
89.6	793.6	FINE-GRAINED-PYRITE. REDDISH-BROWN TO BLACK GREEN SCHIST. FOLIATION	9218	787.6	793-6	40'			TR			
	793-6	FINE-GRAINED-PYRITE REDDISH-BROWN TO BLACK GREEN SCHIST. FOLIATION IS STRONG (45° C/A). BLACK-GREEN MATERIAL IS	9218	789-6	793-6	40'			TR			· ·
89.6	793-6	FINE-GRAINED-PYRITE REDDISH-BROWN TO BLACK GREEN SCHIST. FOLIATION IS STRONG (45° C/A). BLACK-GREEN MATERIAL IS HARD. LESS THAN THREE PERCENT DISSEMINATED	9218	781 -6	793.6	40'			Tr.			
89.6	793.6	FINE-GRAINED-PYRITE REDDISH-BROWN BLACK GREEN SCHIST. FOLIATION IS STRONG (45° C/A). BLACK-GREEN MATERIAL IS HARD. LESS THAN THREE PERCENT DISSEMINATED PYRITE.	9218	789.6	793.6	40'			TR			
89.6	793.6	FINE-GRAINED-PYRITE REDDISH-BROWN TO BLACK GREEN SCHIST. FOLIATION IS STRONG (45° C/A). BLACK-GREEN MATERIAL IS HARD. LESS THAN THREE PERCENT DISSEMINATED PYRITE. TATEGRMITTER.	9218	<u>789</u> .	793.6	40'			TR			

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						• •					
LOCAI	TION: K	BOOKBANK	- KESO	URCEN	2			HOLE NO:	83-A	29	
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	⁻							CLAIM, NO	•	<u></u> -	
TAMTA	-	STODS DEPARTIDE. 6TODILI TENCTH. 852	<u>ም</u> ር.ምና/አመም	ON •	•	•	• .	SECTION:			
	IN: -	-65° CORE SIZE: 00						-LOGGED-B	Y -BAA	8-10U	VĒ
AZIM	JTH:	DIP TESTS:	DPTTTO	pv.	RPATI	E4 Pr	205	DATE LOG	GED: DA	<u> [[]</u>	1
STAR.	TED: DE	- 12, 1983	DRILLED	FOR: #	AFTAL	OFF P	ECON	? <i>CE</i> S	······	-	
COMP.	LETED:							<u> </u>			
PURP	USE: B	ROOKBANK		•		•			•		
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C4	FT	DESCRIPTION -	SAMPLE	Em	TASE.	LENGTH	<u> </u>	2	SSAYS	·····	
From	TO		NO.	From	To	1		14.1.	<u>F1</u>		Ť
	+				1	1	+			1	\uparrow
800-3	807-6	SAME AS 782.5-789.6.	14220	800-3	8076	7.3	! 	IE	_		_
					1			•	<u> </u>	1	Ţ
807-6	814.3	SAME AS 789.6-793.6 EXCEPT PURITE OCCURS AS	19221	8076	814-3	6.7	<u>ا</u>	0.01	`	1	T
		MICROVEINLETS AND < ">" CONCRETIONS LESS THA	IN							1	T
		Q& PURITE IN THIS SECTION QUARTE CLASTS HAV.	E				<u> </u>				L
		PINKISH HUE.	_							1	Ţ
									1		1
814.3.1	837.0	SIMILAR-TO, SERICITE-CHLORITE-SCHIST-FROM	19222	814.3	8190	4.9	·	10.01	1	<u>+····</u>	·]-
		782.5-789.6. FOLIATION 50° CIA. GRANITIC CLAST	S 19223	1819.0	824.3	5.3	! <u></u> [TR			T
)	l	GIVE SPECTROMETER READINGS OF 35-40 COUNT	519224	8243	829.5	5.2	1	Te	1		ſ
		PER MINUTE. TWO PERCENT VERY FINE-GRAINED	9225	829-5	835-0	5.5		TR]
		PARITE.	9226	835-0	837-0	2.0		Te	-		T
	10	1 2 Contraction							-		- j =
837-01	842.2	QUARTZ-CHLORITE-SERICITE SCHIST WHICH IS	9227	837-0	842-2	5.3			<u>)</u>		Ŧ
	1. 1. 1 Mg	VOID OF GRANITIC CLASTS FORTATION 50° C/A		+		1			2		-1-
		FIVE PERCENT DISSEMINATED DARITE		 ,	1	1			-		丰
			1	1		· · · ·			-		+
842.2	852.0	MODERATELY FOLIATED . GRASS-GREEN MAFIC			1	1			1	1	+
<u>L'AN</u>	1. And U	SEDIMENT WITH MINING QUARTZ VEINS (BOBOFN)		1		1 1			1		T
··)	ţ	LESS THAN IS DISSEMINATED PUPITS		· · · · · · · · ·	1	-			-1	-	+
)	l				-	1	· · · · · · · · ·			1.	+
EOH I	 	· ·			1	11			+	1	+
-21-1	!				1	+					<u> </u>

			· DIAMOND DRILL RECORD & LOG			*	• •						
	LOCA	rion: <u>B</u>	property: Metalme R	esoure	6				HOL	E NO:	84-	RRO	
							•			• ·			
	LATI INCL	TUDE: IN: UTH:	2+005 DEPARTURE: $0+00$ LENGTH: $352'-45° CORE SIZE: BQDIP TESTS: 6\pi 252'-45°$	ELEVATIO	DN :	1031		_	SEC LOG DAT	TION: GED BY: E LOGGI	Bail	r Karvi en 17	alsti
	STAR COMP PURP	TED: Ja LETED:	N. 11, 1984 Jan. 14, 1984	DRILLED	$\frac{BY}{FOR} = \frac{1}{\gamma}$	etals	e Rena	ATD UKCIS	Ktd.				
	_				•			· · ~		·G	Barb	K	•
•	.,F=	EET	DESCRIPTION	SAMPLE	FE	57	LENGTH			ASS	SAYS		
	From	TO		NO.	From	TO	1			Ault	1		;
	0.0	10.0	CASING			<u>,</u>							
	10.0	31.8	MEDIUM GREEN, MASSIVE DIORITE, WEAKLY FRACTURED			•	· · ·						
· •			WITH EPIDOTE CALCITE AND EC-CARR QUARTZ FILLING						•	· · ·			
			IN MICROVEINKETS LESS THAN 1/2 & FINE-GRAINED PYRITE			•• ••••••••• •••••••••••••••••••••••••				·			
•			ASSOCIATED WITH EPIDOTE MICROVEINLETS-WEAKLY MAGNETIC.		المان المحمو الدرر		4		•				
		1											
-	31.8	184.2.	SHARP CONTACT WITH DIORITE. DARK GREEN, MASSIVE, WEAKLY					•				•	· :
			FRACTURED AND LOCALLY WEAK SHEARING IN MAFIC					•		<u> </u>	· 1		
A CONTRACT OF	and all the second	and the second	VOLCANIC, EPIDOTE, K-ALTERATION AND CALCITE ARE THE			1							
			MAJOR FILLINGS IN FRACTURES. FE- CARBONATE AND QUARTZ		_ ·								
الماسينيوني بازي معصفت مورد المارية المراجع الماسينية مالا ماريكي بالمارية المارية المارية			ARE-THE-MINOR-FILLINGS-TN-MICROVEINLETS-LESS-THANT'S			-							
			FINE-GRAINED PURITE ASSOCIATED WITH EPIDOTE-CARB		· .								
		· .	MICROVEINLETS. ROCK IS HARD. TITLE SERICITE IS FOUND WITH FRID	TE.									
			WEAKLY SHEARED - AT 44.0- 56.0 WITH CHLORITIC MICROVEIN-				-	~ .		-			······
		1	LETS AND < 1/2 % HEMATITE. ROCK IS SOFTER THAN MASSIVE										
		·	VOLCANIC				·						
			AT 64-6-65-6 LOCAL ENCRICHMENT OF PYRITE IN SMALL VEIN		·								
			(< 12" IN WIDTH) FIVE PERCENT FINE-GRAINED PYRITE IN								[-
			CARBONATE, EPIDOTE AND FC-CARBONATE VEIN			<u></u>						T	
			AT 147-6-1687 MAFIC VOLCANIC IS WEAKLY BRECCIATED.		· · · ·	·				-			
· .			AT 1687=1755-WELL DEFINED FOLIATION 30° C/A INCREASE	D									
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LATITUDE:	ZHODS_DEPARTURE: OHOO LENGTH: 352 -45° CORE SIZE: BQ 342° DIP TESTS: CALLST BROKBANK ORE ZONE. DESCRIPTION DESCRIPTION </th <th>ELEVATION DRILLED DRILLED SAMPLE NO.</th> <th>ON:</th> <th>ET.</th> <th>4 BROS</th> <th></th> <th></th> <th>ASS</th> <th>SAYS</th> <th></th>	ELEVATION DRILLED DRILLED SAMPLE NO.	ON:	ET.	4 BROS			ASS	SAYS	
AZIMUTH: AZIMUTH: STARTED=	DIP TESTS: Jan. 14, 1984 Jan. 14, 1984 TEST BROOKBANK ORE ZONE. DESCRIPTION DE	DRILLED DRILLED SAMPLE NO.	BY: B FOR: 1	ET.	y BROS			ASS		
PURPOSE: 70 FEE7-3 From To 	DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION AT 175.5 - 175.9 QTZ VEIN WITH CHLOMITIC VEINLETS. IT IS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE AT 176.8 - 177.0 VERY FINE-GRAINED GREEN BLACK ROCK: VERS-SOFT-WITH 26 DISSEMINATED VERY FINE-GRAINET PYRITE. DON- MAGNETIC. (POSSIBLY FAUNT MATERIAL)	SAMPLE NO.	From	ET. To	LENGTH			Ass Autr	SAYS	
FEE7-3 From To	DESCRIPTION OCCURS AS <'Y8" BLEBS. AT 1755-1759 QTZ VEIN WITH CHLORITIC VEINLETS. IT IS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE. AT 176-8-1770 VERY FINE-GRAINED GREEN BLACK KOCK: VERST SOET WITH 2% DISSEMINATED VERY FINE-GRAINET PJRITE. DON-MAGNETIC. (POSSIBLY FAULT MATERIAL) PJRITE. DON-MAGNETIC. (POSSIBLY FAULT MATERIAL)	SAMPLE NO.	From	E7. To				As:	SAYS	
FEE7-3 From To	DESCRIPTION OCCURS AS <1/8" BLEBS. AT 175.5-175.9 QTZ VEIN WITH CHLORITIC VEINLETS. IT LS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE AT 176.8-177.0 VERY FINE-GRAINED GREEN BLACK ROCK; VERY_SOFT_WITH_2% DISSEMINATED VERY FINE-GRAINET PJRITE. NON-MAGNETIC. (POSSIBLY FAULT NATERIAL)	SAMPLE NO.		E7. To						
From To	OCCURS AS <1/8" BLEBS. AT 175.5-175.9 QTZ VEIN WITH CHLORITIC VEINLETS. IT IS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE. AT 176.8-177.0 VERY FINE-GRAINED GREEN BLACK ROCK: VERY SOFT WITH 2% DISSEMINATED VERY FINE-GRAINET PJRITE. NON-MAGNETIC. (POSSIBLY FAULT MATERIAL) HIRTE. NON-MAGNETIC. (POSSIBLY FAULT MATERIAL)									
84m2 - 226-3-	OCCURS AS <1/8" BLEBS. AT 175.5-175.9 QTZ VEIN WITH CHLORITIC VEINLETS. IT LS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE AT 176.8-177.0 VERY FINE-GRAINED GREEN BLACK ROCK: VERY SOFT-WITH 2% DISSEMINATED VERY FINE-GRAINED PYRITE. NON-MAGNETIC. (POSSIBLY FAULT NATERIAL)									
842 2263	AT 175.5-175.9 QTZ VEIN WITH CHLORITIC VEINLETS. IT IS CALCAREOUS WITH 5 & DISSEMINATED VERY FINE-GRAINED PYRITE AT 176.8-177.0 VERY FINE-GRAINED GREEN BLACK ROCK; VERY SOFT-WITH 2% DISSEMINATED VERY FINE-GRAINED PYRITE. NON-MAGNETIC. (POSSIBLY FAULT NATERIAL)									
84m2 - 226-3.	CALCAREOUS WITH 5% DISSEMINATED JERY FINE-GRAINED PYRITE AT 176-8-177-D VERY FINE-GRAINED GREEN BLACK ROCK: VERY-SOFT-WITH 2% DISSEMINATED VERY FINE-GRAINED PYRITE. NON-MAGNETIC. (POSSIBLY FAULT NATERIAL)			· · _ · _ · _ · _ · · · · · · · ·						
842 2263	PYRITE AT 176-8-177-0 VERY FINE-GRAINED GREEN BLACK KOCK; VERY-SOFT-WITH 2% DISSEMINATED VERY FINE-GRAINET PYRITE, NON-MAGNETIC, (POSSIBLY FAULT NATERIAL)			·						
84+2 - 226-3	AT 176-8-177.0 VERY FINE-GRAINED GREEN BLACK KOCK; VERY_SOFT_WITH_2% DISSEMINATED VERY FINE-GRAINED PYRITE. NON-MAGNETIC. (POSSIBLY FAULT MATERIAL)		-			1	1			
842 2263	VERY SOFT WITH 2% DISSEMINATED VERY FINE-GRAINED PYRITE NON-MAGNETIC (POSSIBLY FAULT NATERIAL)			-				·	1	
84#2 - 226-3.	PYRITE NON- MAGNETIC. (POSSIBLY FAULT NATERIAL)		_							
842 - 2263	177 - 180.0 EIMILING TO 143.6-168.7	-	_ <u></u>		4	• • • •				
84-2-226-3-	HIT FF:0- 180 0 SITTINAR TO THE 100 TH	_	_	-						<u> ·</u>
8408 2263					· · · · · · · · · · · · · · · · · · ·	•				
	GHILL MARGIN TO DIORITE FROM 1842TO 184.9 IT IS IMPHANO	7/2								
	BLACK IN COLOUR, NON MAGNETIC AND SOFT		_ <u> </u>		_					-
	184.9 ONWARDS IS A DIORITE SIMILAR TO 10:0-31.8.			-	-		 	·		
	LOCALLY - DIORITE IS WEAKLY BRECCIATED AND SHEARED									
	LESS THAN 1/2 % PYRITE.				-					
		·								
226.3 239.4	ALTERED ZONE. IT WEAKLY BRECCIATED WITH WEAK K-ALTERAT	W				<u> `</u>				
	IN QTZ-CARB VEINLETS (15%) THREE PERCENT FINE-GRAINE	<u> </u>				·····				-[
	PYRITE WHICH OCCORS AS DISSEMINATIONS BUT ALSO AS	=					<u> </u>	·		
·	YEINLETS (VEKY LOCAL) < "" IN WIDTH.		-	-	-					
	TWO PERCENT SHEELITE PRESENT IN QTZ-CAKE VEINLET		_	-						
					+		- 18 - 10			<u> </u>

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AZIM	r	24005 DEPARTURE: 0400 LENGTH: 352	ELEVATIO	N::		•	• <u>.</u>	SECTI	ON: DBY:	Bart	Kował	<u>6</u>
	UTH:	DIP TESTS:		Q	ذکر رمادہ	Rome		DATE	LUGGE	D: fa	a.I.T.	
STAR	TED: No	27d	DRILLED	BY:	CADLE Y	LUVKOS	· · · · · ·	<u> </u>		<u> </u>		
COMP	LETEDI	4-1984	DRILLED	FOR: W	talde !	e cesoi	ieces					
PURP	DSE:	test Brocklank Ore Bone			·	•				•	• 27	
									Marina di Katalan di Ka	N-1		ومقاليا
	، مىرىپىيى											
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From		DESCRIPTION	NO.	From	TO			······································	$\frac{1}{1}$			T
FIOM		•				<u> </u>			with t			\dagger
229.4	2847	SIMILAR TA IMA-21.8 DIARTE IS INFALLY - NEARLY BREITIATED								·		1
Ser C	[nor in	- INCREASED ANDREP OF OTZ- CAPR VEINLETS (< 4/0" IN MUNTH)			[· ·		
· ·		LESS THAN '12 & F-CAPR LESS THAN '2 & DISSEMINATED									<u> </u>	T
		FINE GRAINED PUPITE FOLIATION 53° C/A			1	·	ŀ				1	1
					-							
783.10	301.8	ALTERED ZONE SPECTROMETER READING & RKGD ZO-ZECOM	[1	T
Mouro	0010	TRAILERCE OTZ-CARR VEINIS (<2"IN TXINTH) WITH	9229	283.10	285.3-	1.5-			F002			-
		POLE PINE ALTERATION FINE-GRAINED PURITE 15 IN				·	·				· ·	
	[NOR OPEEN MATRY AND OCCUPS ALONG CHLORITIC									[T
		- MARCEN CTC 312 HEMATITE		[T
												年
		285.3-290.3 FELLER OTZ-CAPR STRINGERS RUCK IS	9230	285.3	2903	5.0		1	10.01	·		T
		DARY BROWN RLACK - WITH EXTREMELY WEAK K-ALTERATIONS										t
		WEAK FE (1)2 AND SID HEMATITE ROCK IS SLIGHTLY	1									T
		HORNER THAN DUERLY IN G DIDRITE ONE PERCENT DISSEMINAT	2)		[· · · · · ·					1
		PUBLICE THEOLOGHNIZ NOLI-HAGHETIC	···· · ····		****	· · · · · · · · · · · · · · · · · · ·						t
[· ·			·			t
		2000-2-202-8-TATCREATED-DECREE-DE-DEEDEMATION-OTZ-	9231_	290-3	292.8	2.5			208	· · · ·		T
		STOLLERS AND CHLORITIC USING FTS ROCK IS IN HARD ANTI										t
		BLACK AND CENT DISSEMINDTED PUBLIE LA HEMATITE	1.	1								t
		ONTHE CAR CONT DESCRIPTION FYDICE IN ACORDING	· [-{'		· [[-				· [+
			1		· · ·	1				ا يەمەردە ي		1.
	-	10-0- 20210 TAICOEDGED DECRESSIONED PHATIANT	9230	292.8	295.2	2.7			<u></u>			+

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0من	CATION:	Beactlank	PROPERTY: Metaloxe Rosoc	illes					HOL	E NO:	84	<u>-B30</u>	
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		an a							~				
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LA	TITUDE:_	2+005 DEPARTURE: 0+00	LENGTH:352'	ELEVATIO)N :			•	LOG	GED-BY	Bril	I-Your	alde
IN	CLIN:	<u>-45*</u>			0				DATE	e loggi	D: Q	200. 17	
ST	ARTED: 0	3420		DRILLED	BY:	eadle	j Oro.	<u><u></u></u>			-U	•	
co	MPLETED:	Qua 14.1884		DRILLED	FOR: TY	fetal	ne Kesi	xiace	b		<u> </u>		
PU	IRPOSE: 7	To tot Grocklank One 3	Me		•		•				•		
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			· · · · · · · · · · · · · · · · · · ·							AUL		}	
		FOLIATION 40° CIA. THREE	PERCENT FINE-GRAINED PYRITE										Í
		HOSTRY CONCENTRATED ALON	UG CHLORITIC VEINLETS. 1% HEMATT								•		
		< /aj_CP.4	and a second to be the second second second second			•							
		297.10-301.8 SIMILAR TO	283.10-285.3	9233	297-10	301.8	3.10		•	Nil			
301.5	8 316.2	SIMILAR TO 10.0-31.8 EXCH	EPT FINER-GRAINED + EPIDOTE										
		IS ABSENT	·	<u> </u>								ļ	
-	<u>ŀ</u>	•											
3lbie	2 320-	0 SIMILAR TO 285.3-290.3.	· · · · · · · · · · · · · · · · · · ·	·	L								l
					[······································		 .
320	0 337-0	MEDIUH-GREEN ROCK WITH	NUMEROUS QTZ-SERICITE	9235	<u>320.0</u>	325.0	5.0			Nil			
1		STRINGERS T CHLORITIC ST	KINGERS WHICH DEFINE A	9236	325-0	330.0	5.0			0.002			
-		= FOLIATION_(-57= C/A)		9237	3300	331.6	1.6			-Nil-			
J	· · · · · · · · · · · · · · · · · · ·	- PROGRESSIVELY SERICITE II	UCREASES (BUT DOES NOT EXCRED	9238	331.6	3320	0.6			0.002		<u> </u>	· · · · · · · · ·
·}		55 TOTAL), DEFORMATION	AND QUARTE -CHLORITE	7239	332.0	337·0	5.0			NIL			·····
		INCREASE. NO GREATER	HAN 35 DISSEMINATED PYRITE	‡									
		- THROUGHOUT	 Source of the second secon Second second sec				•				·		
									· · · · ·			ļ]	
337.	0 347.	9 SHARP CONTACT - MAFIC	SEDIMENT WITH JASPER				·					 	· · ·
		FRAGHENTS AND GRANITIC	CLASTS (DEVOID OF POTASSIUM)										
	-								l			<u> . </u>	
347-9	9 344 -	& QTZ-CARB VEIN. CORE IS	VERY BROKEN UP. LESS THAN									 	
		3% SERICITE. NO UISIBLE	SULPHIDES.										•

1. S. 1. 1. 1. 1.

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	LOCAT	ION:	wollank	·····	PROPERTY :- M. fo	alore Reso	KIRKES	,				HOLE	: NO:	84-1	330	
				-		•										
· •			•		· · ·							<u> </u>	~~~			
									-		•	SECT	M.NO.			
~ <u></u>	LATIT	UDE:	(+00) DEPARTURE: $()+()$)()LENGTH:		·	ELEVATIO	N :			· · · ·	LOGG	ED BY	Barb	Kowo	loki
	AZIMU	N: TH:	<u>~45</u> ¥22	DIP TEST	s: <u> </u>				- 16	Q		DATE	LOGGE	:D: 4	n.17	
	STAR	ED:	m.ll				DRILLED	BY: (A) FOR: P	and le	y cono						
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		~	to test Besothank Ole	yone.				•		•					مد المراجع والعربي المراجع الم مراجع المراجع ال	
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	Erot	<u>ET-</u>		DESCRIPTION			SAMPLE	FEE	7	LENGTH	· · · · · · · · · · · · · · · · · · ·	<u> </u>	ASS	SAYS		
		10		·	- 			FIOM	10				Ay/T			
	349.7	3520	QTZ - CHLORITE - SERICI	TE SCHIST :	SERICITE	TENT	9240	349.2	352.0	2.10			0.002	. •		
:-			DOES NOT EXCEED 10%	TOTAK-JASP		PRENENT		2. 1 NH	,					. •		
		•	ROCK IS SOFT. NO-VISIBLE	SUKPHIDES.	•				•							
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LOCATION: BROOKBANK PROPERTY: METALORE METALORE METALORE LATTUDE: 15+00W DEPARTURE: 7+05 ISOTO ISOTO TNCLIN: -700 CORE STZE: NUQ ISOTO DESCRIPTION: AZTITUDE: 15+00W DEPARTURE: 7+05 ISOTO DEFARTURE: 1387 STITUTE: -700 CORE STZE: NUQ DEFARTURE: 1387 ISOTO STITUTE: -700 DEFARTURE: CORE STZE: NUQ ISOTO DEFARTURE: STITUTE: -700 DEFARTURE: CORE STZE: NUQ ISOTO DEFARTURE: STITUTE: -700 DEFARTURE: CORE STZE: NUQ DESCRIPTION DESCRIPTION STITUTE: -700 DESCRIPTION METALORISE DESCRIPTION DESCRIPTION DESCRIPTION FEET DESCRIPTION NO FTON TO ASSANS FEET DESCRIPTION NO FTON TO ASSANS CORE TO DESCRIPTION NO FTON TO ASANS CORE TO DESCRIPTION NO FTON TO ASANS CORE TO DESCRIPTION NO FTON TO <		- DIAMOND DRILL RECORD & LOG				· •		•		x	•
LATTUDE: 15+00W DEPARTURE: 7+255 LENTH: 1387 ELEVATION: 999 SECTOR: LOOGD STICK IN THE TABLE THE SECTOR: LOOGD STICK IN THE SECTOR: LOOK INTO SECTOR: LOOK	LOCATION:	BROOKBANK PROPERTY: METALORE	RESOU	RCES		:		HOLE NO	84-B	31	
OHCKGROUND SPECTRONGTER (K) REPLINISS 25 COUNTS PER HUMUTE SAMPLE FEET LENGTH ASSAVS PTON TO DESCRIPTION SAMPLE FEET LENGTH ASSAVS Q:O 20:0 CASING TO Au/T	LATITUDE: INCLIN: AZIMUTH: STARTED: JA COMPLETED: - PURPOSE: De	$\frac{15+00W}{70^{\circ}} \text{ DEPARTURE: } \frac{7+25.5}{70^{\circ}} \text{ LENGTH: } \frac{1387}{1387}$ $\frac{70^{\circ}}{342^{\circ} 1345^{\circ}} \text{ AT 1.200'} \text{ DIP TESTS: } \frac{1000}{1000'-65^{\circ}} \text{ DIP TESTS: } \frac{1000'-65^{\circ}}{1000'-65^{\circ}} \text{ How'-72^{\circ}} \frac{1000'-65^{\circ}}{1000'-65^{\circ}} \text{ How'-72^{\circ}} \frac{1000'-65^{\circ}}{1000'-65^{\circ}} \text{ How'-72^{\circ}} \frac{1000'-65^{\circ}}{1000'-65^{\circ}} \text{ How'-65^{\circ}} TRO-PARI$	ELEVATIO DRILLED DRILLED DIP 6	DN: BY: Dr FOR: Jr 70	99 adl lefal	9' ey Be she Re	- 054 2011	CLAIM NO SECTION LOGGED I DATE LO	scent	<u>b-lan</u> <u>b-27</u> ' -k	
From TO NO. From TO QOO QOO CASING	<u>ONCKGROU</u> EEST	DESCRIPTION	SAMPLE	FEC		LENGTH		<u></u>	ASSAYS		
Q:O 20:0 CASING 20:0 2800 MASSINE, VERY FINE-GRAINED, WEAKLY MAGNETIC MAFIC VOLCANIC. GENERALLY VOLCANIC IS	From To		NO.	From	To			Au/	<u>т. </u>		
WEAKLY FRACTURED WITH VEINLETS OF EPIDOTE; Fe-CARBON ATE; CHLORITE AND CALCITIC VUGS WHERE PYRITE IS ASSOCIATED WITH THE LATTER THREE. LOCALLY, QUARTZ VEINS WITH WEAKLY ALTERED, BRECCIATED WALKROCK HAVE IS 2026 EUHEDRAK, FINE TO COARSE PYRITE JHONNEVER THE QUARTZ VEINS HAVE SS FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THRED VOLCANIC THERE IS State of Disseminated Pyrite; State HONNEVER THE QUARTZ VEINS HAVE SS FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS State Disseminated Pyrite; State Charter State Disseminated Pyrite; State Charter; State Charter State Disseminated Pyrite; State Charter; State Charter State Disseminated Pyrite; VEIN WITH CHLORITE; State Disseminated Picture; State Charter; State Charter; State Charter State Char	0.0 20.0 20.0 280.0	CASING MASSIVE VERY FINE-GRAINED, WEAKLY MAGNETIC							· ·	·	
EPIDOTE; FE-CARBON ATE; CHLORITE AND CALCITIC VUGS WHERE PYRITE IS ASSOCIATED WITH THE LATTER THREE. LOCALLY QUARTE VEINS WITH WEAKLY ALTERED BRECCIATED WALLROCK HAVE 15-2026 EUHEDRAK FINE- TO COARSE- PYRITE HONNEVER THE QUARTE VEINS HAVE SSS FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS SZO DISSEMINATED PYRITE; S /2 CHALCOPYRITE; S/2 & DISSEMINATED BLUE THETALLIC MINERAL WHICH IS ASSOCIATED WITH PINKISH CALCITE; SIGNATIC		LIFAKLY FRACTURED WITH VENLETS OF					-			+	
CALCITIC UUGS WHERE PYRITE IS ASSOCIATED WITH THE LATTER THREE. LOCALLY, QUARTZ VEINS WITH WEAKLY ALTERED BRECCIATED WALLROCK HAVE 15-2026 EUHEDRAK FINE- TO COARSE- PYRITE, HONNEVER THE QUARTZ VEINS HAVE SS& FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY, THROUGH THE VOLCANIC THERE IS SZ& DISSEMINATED PYRITE, S & CHALCOPYRITE; SZ& DISSEMINATED BYRITE, S & SZ &		EPIDOTE: FE - CARBONATE : CHLORITE AND	-								
WITH THE LATTER THREE. LOCALLY QUARTE VEINS WITH WEAKLY ALTERED BRECCIATED WALLROCK HAVE 15-20% EUHEDRAK FINE- TO COARSE- PYRITE, HOWEVER THE QUARTE VEINS HAVE 55% FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS -3% DISSEMINATED PYRITE; < 1% CHALCOPYRITE; -4% & DISSEMINATED PYRITE; < 1% HEMATITE 15 ASSOCIATED WITH PINKISH CALCITE; <1% HEMATITE 23.0- 28.7" QUARTE VEIN WITH CHLORITIC		CALCITIC JUGS WHERE PARITE IS ASSOCIATED									·
LOCALLY, QUARTZ VEINS WITH WEAKLY ALTERED BRECCIATED WALLROCK HAVE 15-2026 EUHEDRAK FINE - TO COARSE - PYRITE HOWEVER THE QUARTZ VEINS HAVE SS& FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS SEMINATED PYRITE, < 1/2 CHALCOPYRITE;		WITH THE LATTER THREE.					·				
ALTERED, BRECCIATED WALLROCK HAVE 15-202 EUHEDRAK FINE - TO COARSE - PYRITE, HONNEVER THE QUARTZ VEINS HAVE <55 FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS <32 DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <41/2 & DISSEMINATED PYRITE; <1/2 CHALCOPYRITE; <330 DISSEMINATED BLUE METALLIC MINERAL WHICH IS ASSOCIATED WITH PINKISH CALCITE; <1/2 HEMATITE 2300- 2877 QUARTZ VEIN WITH CHLORITIC		LOCALLY QUARTE VEINS WITH WEAKLY					<u>·</u>				
EUHEDRAK, FINE- TO COARSE- PYRITE, HOWEVER THE QUARTZ UEINS HAVE <5% FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS <3% DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <1/2 & DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <1/2 & DISSEMINATED BLUE. METALLIC MINERAL WHICH IS ASSOCIATED WITH PINKISH CALCITE; <1% HEMATITE 23.0- 28.7 QUARTZ VEIN WITH CHLORITIC		ALTERED BRECCIATED WIALLROCK HAVE 15-20%									
QUARTZ VEINS HAVE <55 FINELY DISSEMINATED PYRITE GENERALLY. GENERALLY THROUGH THE VOLCANIC THERE IS <32 DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <1/2 & DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <1/2 & DISSEMINATED BLUE METALLIC MINIERAL WHICH IS ASSOCIATED WITH PINKISH CALCITE; <1/2 HEMATITE 23.0-28.7" QUARTZ VEIN WITH CHLORITIC		EUHEDRAL FINE - TO COARSE - PURITE HOWEVER THE	_			<u> </u>					
PYRITE GENERALLY. GENERALLY. THROUGH THE VOLCANIC THERE IS <3% DISSEMINATED PYRITE.		QUARTZ VEINS HAVE 55% FINELY DISSEMINATED	_	.							
CENERALLY, HROUGH THE VOLCANIC THERE IS <3% DISSEMINATED PYRITE; < 1/2 CHALCOPYRITE; <1/2 & DISSEMINATED BLUE METALLIC MINERAL WHICH IS ASSOCIATED WITH PINKISH CALCITE; <1% HEMATITE 23.0-28.7 QUARTE VEIN WITH CHLORITIC		PURITE GENERALLY.									
-376 DISSEMINATED PYRITE; < 12 CHARCOPYRITE, 22 & DISSEMINATED BLUE METALLIC MINERAL WHICH<br IS ASSOCIATED WITH PINKISH CALCITE; <13 HEMATITE 23.0-28.7 QUARTE VEIN WITH CHLORITIC		GENERALD THROUGH THE VOLCANIC THERE IS									
23.0-28.7" QUARTE VEIN WITH CHLORITIC		STO DISSEMINATED PYRITE: < 12 CHARLOPYRITE,								- +	
23.0-28.7" QUARTE VEIN WITH CHLORITIC	·····	15 ASSOCIATED DE PIETANIC MINICHALWHIC	<u> </u>							+-+	
23.0-28.7" QUARTZ VEIN WITH CHLORITIC		13 ASSOCIATED WITH FINNSH CARCINE, THE RETAIL	<u> </u>							+	
		23.0-28.7" QUARTZ VEIN WITH CHLORIDC	_							+	•
VEINLETS THROUGHOUT, WALLROCK INCLUDED IN THIS		VEINLETS THROUGHOUT, WALLROCK MICLUNEN INI THIS	•								
SECTION. TWO PERCENT SHEEKITE NOTED.		SECTION. TWO PERCENT SHEELITE NOTED.									
40.6"- 42.6" SAME AS QTZ VEIN 23.0-28.7; <1% SHEELITE		140.6"- 42.6" SAME AS QTZ VEIN 23.0-28.7; <15 SHEELIT	E	<u> </u>		<u> </u>					•

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FE	ET	DESCRIPTION	SAMPLE	FEE	T	LENGTH	ASSAYS	
From	TO		NO.	From	To		Ault	
·		GROUND CORE 87.0 - 105.0						
	L	GROUND CORE 127.0 - 129.10"						
		GROUND CORE 154.0 - 156.0				·		
	L	GROUND CORE 162.0 - 169.0				<u> </u>		
	·							
-	L	AT 179.5-180.5" QUARTZ-CARBONATE VEIN						
		WITH 3% FINELY- DISSEMINATED PYRITE.						
		GREATER THAN JOZ OF VEIN IS FRACTURED WITH			•			
		CHLORITE, WALLROCK, FE-CARBONATE INFILLINGS.						
_								
		AT 200.0-207.0 QUARTZ-CARBONATE VEIN						
		BARREN FROM SULPHIDES, WALLROCK IS						
		STRONGLY ALTERED (2") WITH HEMATITE						
		PLUS SPECTROMETER READINGS (2) AT 30-35						
		COUNTS PER MINUTE INDICATE SOME POTASSIC						
		ALTERATION. ONE PERCENT FINELY-DISSEMINATE	D					
		PYRITE THROUGH ALTERED WALLRUCK.		· · · ·				
280·0	<u>293.10</u>	ALTERED ZONE. SERICITE (YELLOWISH - CREAM)						
		WITH DEEP RED HEMATITE PLUS POTASSIUM						
		MAKE UP THE ANTERATIONS IN THIS SECTION.						
		SPECTROMETER READINGS 30 COUNTS PER						
		MINUTE. THIS ZONE HAS BEEN WEAKLY BRECCIATED						
		FRON - CARBONATE OCCURS IN VEINLETS.						
	.							
		AT 285.9" 289 SERICITE FE-CARBONATE AND						
1	k	QUARTZ CONTENT HAS INCREASED. WEAKLY BRECCIATED					· · · ·	
	•	AT 289-294 POTASSIC AND SERICITIC ALTERATIONS			•			
		WEAKLY DEVELOPED. IN THIS DIORITE. SUBHEDRAL	-					
		HORNBLENDE IS VISABLE THROUGH THE ALTERATIONS.						I
		FIVE PERCENT AND LESS. EUHEDRAL PURITE WHICH						
		IS COARSE-GRAINED AND ASSOCIATED WITH CHLORITE!	1			!		

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F	ET.	DESCRIPTION	SAMPLE	FEE	T .	LENGTH		ASSAYS		· · ·
From	То	DESCRIPTION	NO.	From	To		/	Au/T		
		LESS THAN 25 BLUE-METALLIC MINERAL WHICH								
		OCCURS IN VEINLETS.								
	· ·					•	1			
293.10	356-17	FINE-GRAINED DIORITE (WITH BIDTITE, CA-PLAGIOCLASE		•						
	·	PYROXENE AND HORN BLENDE (SUBHEDRAL) THAT IS								
		WEAKLY FRACTURED WITH QUARTZ-CARBONATE								
		(<1/8" IN WIDTH), EPIDOTE, FE-CARBONATE AND								
		CHLORITIC VEINLETS. LESS THAN 31. FINE- TO COARSE-			-					
	l	GRAINED PYRITE.								
<u>356-0</u>	458.7"	FINE-GRAINED, VESICULAR PILLOW SELVAGES IN MAFIC								
		VOLCANIC. WEAKLY FRACTURED WITH Ca - AND FE-								
- the School of the second		CARBONATE, QUARTZ EPIDOTE AND CHLOKITE KOCALLY								
		VOLCANIC IS BRECCIATED BUT GENERALLY IT IS								
		MASSIVE AND WEAKLY HAGNETIC. LESS THAN 25. FINE-								Ļ
		TO COARSE- GRAINED PURITE.				· · · · · · · · · · · · · · · · · · ·			_ <u>_</u>	Ļ
				<u> </u>						
458-7"	468.3	ALTERED BRECCIA. Co- AND FE-CARBONIATE QUARTE								<u></u>
		AND CHLORITIC VEINLETS THROUGHOUT. PYRITE IS						·		<u> </u>
······································		FINE- TO COARSE- GRAINED (1576), 23 BLUE								
		HETALLIC MINERAL.								
		~/						· ·		<u> </u>
		QUARTZ VEIN AT 463.7-466.4. IT IS BRECCIATED								
		WITH CG - AND FE- CARBONATE. MASSIVE PYRITE								
	· .	VEINLETS ASSOCIATED WITH CHLORITE AND BLUE-								
		METALAIC MINERAL THROUGHOUT.		<u> </u>						ļ
<u>468.3"</u>	472.0	SIMILAR TO MAFIC VOLCANIC AT 356.0-458.7."								<u> </u>
10.5					•					
192.0	753:0	WEAK- TO MODERATELY- DEVELOPED FOLIATION IN	·							
		WHAT BEGINS TO APPEAR TO BE A DIORITE.	Į.							
		495.0-> DIORITE IS STAILAR TO 293.10-356.0								
ļ		EXCEPT IT IS COARSE-GRAINED.	<u> </u>			<u> </u>]

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FE	ET	DESCRIPTION	SAMPLE	FEE	г	LENGTH	ASS	AYS	
<u> </u>	10		NO.	From	To		Aun		
<u></u>		AT 602.0-6030 GTZ-CARB UEIN WITH FE-CARB,					ļ		
		SERICITE AND CHLORITE. THREE PERCENT COARSE-							
	· ·	GRAINED PYRITE.				· .			
·	<u> </u>								
	·	AT 6039-604.7 OTZ-CARB VEIN AS 602.0-603.0.					·		
	ļ	685.0-696.0 ALTERED DIORITE. IT HAS ACQUIRED							
		A CREAMY COLOUR (SERICITE) AND A MODERATE			-				
		FORIATION (50° C/A). ONE PERCENT FINE-GRAINED							
		PYRITE AND LESS THAN 1/2% FINE-GRAINED							
_	}	MAGNETITE.							
	<u> </u>	696.0-707.10" WEAKLY BRECCIATED V. FINE-GRAINED							
		DIORITE. IT HAS ACQUIRED A PINKISH-YELLOW HUE.							
		TWO PERCENT DISSEMINATED PHRITE CONCENTRATING							
		NEAR AND WITHIN CHAORITIC VEINLETS.							
		· ·		.					
		707-10-753.0 ANTERED ZONE. IT IS PINK-BROWN IN							
		COLOUR, WEAKLY BRECCIATED WITH NUMEROUS							
		VEINLETS (4/4" IN WIDTH) OF A LUSTROUS-METALLIC							
		BLUE MINERAL (3%). 1% CHALCOPYRITE WHICH IS COARSE-		1					
		GRAINED AND 3% DISSEMINATED PYRITE. THERE IS 2%			<u>س ا</u> ست مست				
		FE-CARBONATE < 100 SERICITE AND \$50 QUARTZ-CARBONATE							
		VEINLETS AND ONE S" VEIN ALMOST BARRENI FROM		1					
		SULPHIDES AND CHAORITE DIORITIC TEXTURE IS							1
		NOTICEABLY VISABLE THROUGH ALTERATION. SPECTROMETER		~ /					
		READINGS 25-40 COUNTS PER MINUTE.							
								1	
253.0	784.0	MOSS-GREEN, VERY WEAKLY FRACTURED MARIC WALCANIC							
		LOCALLY IT HAS ACQUIRED A STRONG FOLIATION.	-						
		ACCOMPANIED BY FE-CARBONATE. SERICITE AND							1
		POTASSIC ANTERATIONS AND IS ENRICHED IN							1
		PYRITE (3%). GENERALLY, THERE IS 1% FINE-	1				1		

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FE	ĘT	DESCRIPTION	SAMPLE	FE	€Ţ	LENGTH	ASSAYS	· .
From	To		NO.	From	То		Au/T	
		GRAINED PYRITE THROUGHOUT. TWO PERCENT QUARTZ						
		AND SLIGHTLY PINKISH CAKBONATE VEINLETS ARE						
		PRESENT IN THIS SECTION. SPECTRUTETER READINGS						
•	<u> </u>	20-30 COUNTS PER MINUTE.		-				
	•							
784.0	802.0	SIMILAR TO ALTERED FONE FOF. 10-753.0 EXCEPT			_			
		THERE IS NO DIORITIC TEXTURE.						
					-			
802.0	858.0	SIMILAR TO MAFIC VOLCANIC 753.0-784.0						
					<u></u>			
858.0	8670	SIMILAR TO ALTERED ZONE 707.10-753.0 EXCEPT		1				
		THERE IS NO DIORITIC TEXTURE.						
	-							
61.0	927.0	SIMILAR TO MAFIC VOLCANIC 753.0-784.0.						
		· · · · · · · · · · · · · · · · · · ·			an aide ann an ann an aide			
727.0	950.0	SIMILAR TO ALTERED FONE 707-10-753-10" EXCEPT						
		THERE IS NO DIDRITIC TEXTURE		.				
150.0	9640	SIMILAR TO MAFIC LOG CALLE 753.0-784.0.		1				
					ويتعاقب والبابية ويتعاقبه			
764.0	966.1"	QUARTZ VEIN PLUS WALLROCK VEINIS WHITE						
		MIKKY) AND ALMOST BARREN OF SULPHIDES WALK-						
		ROCK IS BRECCIATED, 12 FR-CARRONATE S25						
		FILIELY DISSEMILATED PURITE						
	. 1				<u> </u>			
766.1"	1057.3	MAFIC UDACANIC SIMILAP TO 356-0-458.7"		~				
		ALTERED MAFIC UNCANIC AT IN490-1057.3						·
		NHITE QUARTZ IKIN AT 1057:3-1059.1 OUAPTZ 15						
		WEAKLY FRACTURED INITH ALLARITE DAID FR-COR			<u> </u>			
		FINLETS ASSOCIATED WITH THE MANNER IS FINE-						
		(PRINED PYPITE (33)				i		
152.21	1115:0	NORITE IS CONSE-CRAINED AND CIVILAR TO 193.104 3560						
JUTSI	10.2 01	INDRULE IN OPENEDRAINED AND STATARE TO STUTIO - 300.0.1	1			<u></u> L.		

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Fe	ET	DESCRIPTION	SAMPLE	FEE	7	LENGTH	 ASSAYS		
From	To		NO.	From	То		 Au/T.		
1115.0	1161.0	MAFIC VOLCANIC IS IN SHARP CONSTACT WITH DIORITE.						_	
	<u> </u>	THIS SECTION HAS A WELL DEVELOPED FOLIATION AND	[
	· · ·	IS MODERATELY BRECCIATED. IT IS MODERATELY WELL							
·	[FRACTURED WITH FE- AND CO-CARBONATE VEINLETS,					 		
	·	EPIDOTE, K-FELDSPAR, QUARTZ AND CHLORITIC VEIN-					 		
		LETS. UP TO 3% FINELY DISSETTINATED PURITE.					 		
					··				
161.0	1251.0	ALTERATION ZONE.			•				
		HIGHLY DEFORMED, VERY WELL BRECCIATED, DARK RED-							
		BROWN TO BLACK (SILICIFIED) ROCK. THIRTY PERCENT							
		E- CARBONATE, 320 QUARTZ AND CO-CARBONATE							
		(PINKISH HUE) VEINLETS. FIFTEEN PERCENT EXTREMELY					<u> </u>	1	
		FINE- GRAINED DISSEMINATED PYRITE. ROCK IS MODERATELY							
		HARD AND WEAKLY MAGNETIC. SPECTROMETER READINGS							
		30-50 COUNTS PER MINUTE (FOLIATION 60-65° TO C/A).							
								<u> </u>	
		AT 1187. 0-194.0 ROCK HAS ACQUIRED A STRONGER							
		FOLIATION (65° TO C/A) BUT IS SIMILAR TO THE ABOVE.					1		!
							-		
		194.0-1202.0 STRONGLY FOLLATED (NITH AN INCREASE)							
		DE RE-CARBONATE AND SERICITE. FIFTEEN PERCENT							
		EXTREMELY FINE-GRAINED PURITE AND 150 OF EXTREMELY					.		
		FINE-GRAINED MAGNETITE AND SPECULARITE.							
		202.0-1207.0 SIMILAR IN APPEARANCE TO 1187.0-					1		1
		1940 BUT THAS AN INCREASED AMOUNT OF MOSS-		~					
		REFN CHLORITE							
		207.0-1212.0. OTZ-CHLORITE-SERICITE-FE-CARB SCHIST.			•				
		NELL BRECCLATED STRONGLY FOLLATED WITH SPECTRO-	-						
		TETRE READINGS 40-70 COUNTS PER MINUTE. IJP TO							
		5% EXTREMELY FINE-GRAINED PYRITE AND ISO							
		EXTREMENY FINE - GRAINED MAGNETITE AND SPECULARITED							

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FEE	€T		SAMPLE	FEE	ST.	LENGTH	ASSA	YS
From	TO	DESCRIPTION	NO.	From	То		Aut.	
1251.0	1387.0	SHARP CONTACT. POLYMICTIC METACONGLOMERATE WITH						
		WELL FOLIATED (60. TO C/A) MATRIX WITH GRANITIC, QUAPT?						
		UASPER AND FEADSPATHIC CLASTS(<1"-5"INSIZE").						
•	<u> </u>	LESS THAN 1% FINE-GRAINED PYRITE.		-				
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		- DIAMOND DRILL RECORD & LOG					•			X	
LOCA	TION:	ROOKBAWK PROPERTY: NETALORE RE	ESOUR	CET	LTD_		HOL	E NO: 8	<u>4-B3</u>	I-A.	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: FC LETED: FC OSE:TO	15 W DEPARTURE: DE FLECTION LENGTH: 131.0 CORE SIZE: NQ DIP TESTS: - B. 28, 1984 EB. 29, 1984 TEST BROOKBANK ZONE.	ELEVATIO DRILLED DRILLED	$N: _$ BY: \bigcirc FOR: $\gamma\gamma$	Rad S etalo	ley Bec & Res	 CLA: SEC LOG DAT	IM NO FION:_ GED BY: E LOGGE	 Baitr D: Yga 	Kourse	 Laki 1884.
FE	<u></u>	DESCRIPTION	SAMPLE	FEE	 7	LENGTH	 	ASS	AYS		
From	То		NO.	From	To	4		Ay/T		1	
1140·0 1160·0	1160:0 1251:1"	MAFIC VOLCANIC, WITH INTENSE DEGREE OF FRACTURING ERACTURES ARE FILLED WITH EPIDOTE FROMATE AND QUARTZ VEINLETS VOLCANIC IS MASSIVE AND WEAKLY MAGNETIC LESS THAN IS FINE- TO COARSE- GRAINED PYRITE WHICH IS DISSEMINATED AND EUHEDRAL RESPECTIVELY. ALTERATION ZONE OF MAFIC UOLCANIC. IT IS WELL BRECCHATED WITH FE-CARBONATE MATRIX IS BLACK AND VERY HARD INFERRING SILICIFICATION. FOLIATION IS WEAK- TO MODERATELY- WELL DEVELOPED (60° TO C/A). FOUR PERCENT OTZ, CG- AND FE-CARBONATE, CHLORITIC VEINLETS. SPECTROMETER READINGS 30-50 COUNTS PER MINUTE. TEN PERCENT FINE-GRAINED, DISSEMINATED									
		PYRITE THROUGHOUT. 1178.8-193.8" NOT BRECCHATED BUT WEAKLY DEVELOPED VOLCANIC. ALTERATIONS ARE VERY WEAKLY DEVELOPED TEN PERCENT VERY FINE-GRAINED PYRITE IN QUARTZ- CARB (PINKISH) VEINLETS. LESS THAN 130 FINE-GRAINED SPECULARITE AND MAGNETITE. 1193.8-12541 OTZ-CHIORITES SERVICITES FOR CARBONINTE SCHUST									
_		STRONGLY FOLIATED 60° TO CLA. WELL BRECCLATED.	· · · · · ·								•

HOLE NO: 84-B31-A

PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 2 of 2

FE	ET	DESCRIPTION	SAMPLE	FEE	7	LENGTH	 ASSAYS	
	1 10		NO.	From	10		 mull.	
<u> </u>		SPECTROMETER READINGS 40.70 COUNTS PER MINUTE.	<u> </u>	<u> </u>			 	
	ļ	UP 10 1520 FINERY DISSETYINATED PURILE AND 12		L	<u> </u>		 	
	1	FINE-GRAINED SPECOLARIZE AND MAGNETITE.		ļ	1	<u> </u>		
10111	1			l			 	+
1921.1	112+1.0	SHARP CONTACT WITH POLYMICTIC HETACODGLOHERATE					 	· · · ·
	ļ	WELL FOLIATED (60° C/A) MATKIX WITH QUARTE,		<u> </u>			 	+
		FERDSPATHIC AND TASPER CLASTS LESS THAN 176 FINE-				<u> </u>		·
•	[GRAINED PYRITE. CLASTS ARE <1" 70 5" INSIZE.						·
15 0 1 1						1	 	· ·
FOH	<u> </u>						 i	+
							 	<u>}</u>
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LOCA	TION: <u></u>	SRIXOK BANK. PROPERTY: METALORE R	RESOUR	'CES				HOLE NO:	84-E	32	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:	5+00 W DEPARTURE: 2+005. LENGTH: 327.0 -45° CORE SIZE: BQ 343° DIP TESTS: 327.0' -50° AN.26,184 TAN.30,1984. Copillarity OKBANK ZONE. Coepection	ELEVATIO DRL LED DRILLED	dn: by <u>: β(</u> for: <u>γ</u>	99 adlee Jetalor	Z 1 Zeo 2 Rose	- S. ulco	CLAIM NO SECTION: LOGGED B DATE LOG	JED: JA	Kansa N. 30/1	
FE	ET .	DESCRIPTION	SAMPLE	FEE	<i>T</i>	LENGTH		A	SSAYS	<u></u>	
From	TO		NO.	From	То			Aut	1		
0.0	10.0	CASING.						······································	-		
<u> </u>	15:0	GROUND CORE									
15.0	25.4	FINE-GRAINED, MEDIUM-GREEN, MASSIVE MAFIC VOLCANIC WHICH IS WEAKLY MAGNETIC IT IS WEAKLY ALTERED WITH EPIDOTE, RE-AND CG-CARBONATE VEINLETS, HEMATIC BLEBS, LESS THAN IS VERY EINE-GRAINED PYRITE.									
85.4	2170	MASSIVE FINE-GRAINED DIORITE. IT IS WEAKLY FRACTORE WITH G-CARBONATE (PINKISH), EPIDOTE VEINLETS. LESS THAN 120 FINE-GRAINED PYRITE. POTASSIC AND HEMATITIC ALTERATIONIS POOKLY DEVELOPED		· · · · · · · · · · · · · · · · · · ·							
	-	K- AND HETTATITIC ALTERATION AND FOLIATION DEVELOPS.									
		171 1730-1200 HIGHNY HNERED SCHIST. FOLIATION SO"CA 2026 K-ANTERATION (SPECTROHETER READINGS BETWEEN 30-40 COUNTS PER MINUTE; 2026 CHNORITE, 10 20 WHITE AND BLACK QUARTZ; 2 So FINE-GRAINED PYRITE:	Y 306	<u>148-0</u>	<u> </u>						
		150.0-174.0 WELL FOLVATED DIORITE (45° C/A). 174.0-1820 FOLIATION DISAPPEARS.	_								

-	0		2						
LOGA	TION: D	ROOKBANK PROPERTY: METALORE	KESOUI	RCES			1	HOLE NO: 8	<u>4-1332</u>
LATI INCL AZIM STAR COMP PURP	TUDE: /: IN: UTH: TED: JA LETED: J OSE: BR	5700 DEPARTURE: $3270'45^{\circ} CORE SIZE: 6Q340^{\circ} DIP TESTS:N. 26, 1784DA 30, 1984DKBI:NK ZONE$	ELEVATIO DRILLED DRILLED	DN: BY: R FOR: Y	et al de	y Bli E leso)S. Melos	CLAIM NO SECTION: LOGGED BY: DATE LOGGED:	zib Korvalski TAN. 30, 1984
FE	ET	DESCRIPTION	SAMPLE	CT-1		LENCTH			
From	To		NO.	From	To	DEROIN		I AU/TI	
		182.0-217.0 WELL FOLIATED ALTERED (LIKE 1480-150.0)	9307	2053	206.3	<u> </u>		0.02	
		PURITE QUARTE VEIN AT205.3 WITH 220 FINE GRAINED							
		PURITE, 210 CHLORITE VEINLETS, 250 Fe - CARBONATE							
×17.0	2470	QUARTZ-CHAORITE- Ca-AND FE-CARF NATE SHIST.	9308	2170	222.0	5.0		0.005	
	L	FOLIATION 50° TO C/A HEMATITIC ALTERATION < 4%;	9309	293.0	227.0	5.0		0.002	
	. 	LESS THAN 120 SERICITE; 10% BLACK QUARTE. THREE TO	9310_	327.0	232.0	5.0		0.01	
		FIVE PERCENT FINELY-DISSETIINATED PYRITE THROUGHOUT.	9311	232.0	a370	5.0		0.002	
2470	267	POLYMITIC METACONSLONERATE WITH QTZ. FELDSPATHIC							
		AND JASPER CLASTS THROUGHOUT. LESS THAN 1/2 TO FINE-							
	<u></u>	GRAINED PURITE. OVER 40% OF CONGLOMERATE IS CHLORITIC.							
		(FOXIATION 55° (/A).							
	+								
2670	132+0	METACONGLOMERATE GRADES INTO A QTZ-CHLORITE-							
		SERICITE SCHIST WITH JASPER CLASTS LESS THAN 1270							
	-	FUCHSILE. LESS THAN 'S & MYRITE.		-					
 	<u> </u>	275:0- SCHIST IS INTERDIGITATED WITH A TUFF.		-					
		LESS THAN 1/2 50 PYRITE. QT7- FELD SPATHIC AND JASPER							
		CLASTS RETAINED.							
FN4				1					

Dogu	TION:	DROOKBANK PROPERTY: NETALORE	RESOU	RCES			HOLE NO	. 84-	-833
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:	2+675 DEPARTURE: 15+5561 LENGTH: 107.0' -45° CORE SIZE: BQ .342° DIP TESTS: AN. 31, 1984 TAN. 31, 1984 COKBANK ZONE	ELEVATIO DRILLED DRILLED	DN: BY: By FOR:	997 petole	1 Bec Rese	 CLAIM N SECTION LOGGED DATE LO	BY:20	JANI
	r -	DESCRIPTION	SAMDLE	5		TENCTH	 	ACCAV	
From	To	DESCRIPTION	NO.	From	TO	LENGIH	 I Au	HT	<u> </u>
	1100								
00	40.0	VOLCANIC BRECCIA. INTENSE MICROFRACTORING			 		 		
		THROUGHOUT ROCK IS NONI-MAGNETIC IN INNAL TERED AREAS			<u> </u>		· · · · · · · · · · · · · · · · · · ·		
							.		
		00-40 RUSTY COLOUR (WEATHERED SULPHIDES) BRECCIA	9287	0.0	4.0	4.0	 0.0)]	
		WITH 335 FINELY-DISSEMINATED PYRITE. THERE IS SOME	9288	4.0	8.7	4.7	 Ni		
		POTASSIC ALTERATION WITH SPECTROHETER READINGS					 		· .
	<u> </u>	KANGING FROM_ 30-40 COUNTS. PER MINUTE.	-				 		<u>·</u>
				 					<u> </u>
<u></u>	<u> </u>	4.0-8.7 SIMILAR TO ABOVE EXCEPT K-ALTER. 15 POORLY		<u> </u>	<u> </u>	<u> </u>	 		
		DEVELOPED AND WEAKLY BRECCLATED: ~ 25 EXXELY- DISSEMINATE	9				 		
	<u> </u>	19K1/E	-	.			 		
	<u> </u>	8.7-11.7 STEONIC V-ALTERATION / ANIN ADECCIATION / TWO	9789	8.7	11.7	13.12	 <u>├ </u> ∧.		
		PERCENT FOR CAPODALATE LESS THOME STATE GRAVIEN	1001			100	 <u>0</u>		
• •		PYRITE SPECTROMETER READINGS ? RANGE 30 TO 40 MINES	· · ·		·		 		
	-	PER MINUTE. HEMATITE-MAY BE ACCOMPANIED WITH K-ALT.	·			· ·	 	•	
	1	THUS GIVING BRICK RED COLOUR							
	·								
		11.7= 15:0= ROCK HAS ACQUIRED AN ORANGE COLOUR.	9290	11.7	15.0	3.5'	 - O	30	
•	-		,		1	1			

A Second Second

	LOCAT	ION: <u>f</u>	PROOKBANK PROPERTY: METALORE	KESOL	RCES				HOLE NO:	84-1	<u>833</u>	
· · · · · · · · · · · · · · · · · · ·	LATIT INCLI AZIMU STARI COMPI PURPO	UDE: N: TH: ED: JA ETED: SE: SE:	1675 DEPARTURE: 57556 LENGTH: 1070 450 CORE SIZE: BQ 420 DIP TESTS: N.31, 1984 AN.31, 1984. KOOK BANK ZONE	ELEVATION DRILLED DRILLED	DN: BY: 2 FOR: 7	Jead J	ley Br De Red	205. Noule	CLAIM NO P. T. S. : LOGGED B DATE LOG	POLIS (: BO 3ED: <u>1</u>	HED THIN M-KOW AN .31,	U SECTIC 1984
	FE	ΞT	DESCRIPTION	SAMPLE	Fr	 /~~~~	TRUCTU	1				
	From '	To		NO.	From	To	LENGTH	<u> </u>	i A.F	SAYS	- <u>i</u>	TOTE
-			FROM 30-40, BUT OCCASSIONANY READS 60 COUNTS PER NINUTE.									
			15.0-20.0 SIMILAR TO 4.0-8.7.	9291	15.0	20.0	50'		0.03	 2	<u>·</u>	
-			20.0.40 SIMILAR TO 4.0.8.7 EXCEPT VOLCANIC IS ALTERED, MINERALIZED AND BRECCIATED LOCALLY (SIFOOT		· · · · · · · · · · · · · · · · · · ·	·						-
			25.0-26.0 42 FAIELY - NISSEDIALATEN RUDITE	9202	25.0	2(1)	10			_	_	-
[[]			30.6-31.6 4/2 FINELY- DISSEMINATED PYRITE	9293	30.6	31.6	1.01	· 	0.38	·		-
	40:0 -	60.5	VOLCANIC BRECCIA WITH MINOR FE-CARBONATE CHLORITE, HEM DEVELOPHENT EPIDOTE HAS INCREASED. LESS THAN 130 FINELY DISSEMINIATED PUPITE	4TITE						• • • • • • • • • • • • • • • • • • •		
-	C	ा <u>ग्र</u> ा.						(نىكى .	· · · · · ·		
p.T.S. 84-833-1			AT 58-8 CALQTZ VEIN WITH MINOR K-ALTERATION AND HEMATITE IN WALLROCK. THREE PERCENT COARSE-TO	9294. 9295	58.8 60:5	60-5	1.9'		0.00			
			FINE - GRAINED PYRITE LESS THAN 1% CHALCOPYRITE AND LESS THAN 1/2 1/ SHEELITE IN QUARTZ.								-	
- -		1070	CHIE CARALES MERING FOREL STREET				¥			<u> </u>		<u> </u>
	EOH	107.0	FILLED WITH FE- AND COMPARED DIORING. VEINLETS (22) ARE FILLED WITH FE- AND COMPARED OF Z, CHLORITE AND EPIDO	6-15	S-TH	N 120	FINE-	GRE	INED P	KITE.		

				-			ومقا	···		
LOCAT	TION:	KOCKBANA PROPERTY: MELALUKE	KESO	URLA	<u> </u>		HOLE	NO: 84	BE-3	;4
LATIC INCLI AZIMU STAR COMPI PURPO	IUDE: 9 IN: - JTH: IED: 7 LETED: 7 OSE: TE	2+09 E DEPARTURE: 1+005 LENGTH: 2570 -45° CORE SIZE: BQ 32° DIP TESTS: K_ 2,1984 ST BROOK BANK ZONE.	ELEVATIC DRILLED DRILLED	BY: 8 FOR: 7X	esdle letalox	y Bpo	CLAI SECT LOGG DATE S	M NO. ION: ED BY B LOGGED: Raub	nt Kew Fet 2,1 K	alsti '974
COMPLETED: TEST PURPOSE: TEST From To 0.0 13:0 13.0 SS.0 F/ MA AC BR	DESCRIPTION	SAMPLE	FFL	- 7	LENGTH		ASSAY	S		
From	DESCRIPTION TO IB:O CASING. IB:O CASING. SS.O FINE-GRAINED, MASSINE MAFIC VOLCANIC, WEAKLY MAGNETIC AND POOR DEVELOPMENT OF KALTERATION	NO.	From	To		Au/TI			1	
0.0	13:0	CASING.								
120	850	SINE-GOAMER MOSSIVE MOSIC VALCANIC MERTIN	92.22	310	31.12	3.0	0.02			
		MAGNETIC AND POOR DEVELOPMENT OF ALTERATION	1040	0.00	<u> </u>		U0a			
		ACCOMPANIED WITH LOCA JFED ALTERED AREAS FOR								
!		REECCATION AND 25 FINE-GRAINED PURITE								-
· · · · · · · · · · · · · · · · · · ·		LESS TUAN 5% OTZ-CARB VEINIFTS WITH FAINT	1							
		PINK -UE FULLATION IS POORLY DEVELOPED.								
	+									
85 D	1270	DIORITY IS MEDIUM-GRAINED WITH EPIDOTE ALTERATION	,							
00.0	Jaliv_	(<320) LESS THAN 2% QTZ-CARR (WHITE) VEINIETS								
	-	THROUGHOUT. IT IS MASSIVE AND INFAKLY MAGNETIC.								
1		LESS THAN Y2 & FINELY DISSEMINATED PYRITE THROUGHOUT								
	1		1							1
127.0	150.0	FINE-GRAINED, GRANULAK IN APPEARANCE MAFIC								
	T	SEDIMENT. FORIATION NERY POORLY DEVELOPEN. LESS								
		THEN 25 QTZ-CARR NEINLETS THROUGHOUT LESS						· · ·		
	1	THAN '250 FINE-GRAINED PYRITE.								
1500	270	POLYMITIC METACONGLOHERATE WITH FLATTENED JASPER,	9319	2040	209.0	5.0	TR			
		QTZ, AND FEADSPATIFIC CLASTS. IT IS HODERATELY	9320	214.0	219.0	5.0	TR			
		WELL FOLIATED (66° TO C/A). LESS THAN 1/2 20 FINE-	9321	2220	227.0	5.0	TR			
		GRAINED PYRITE.	9322	227.0	2320	5.0	TR			

د ما ما ما م مراجع

KOUKBANK PROPERTY: METALORE KI	ESOURC	ES.				HOLE NO:	84 B	E-34
2409 E	ELEVATIO DRILLED DRILLED	N: BY: <u>B</u> FOR: <u>J</u>	o.d.lu etulos	L Resou		CLAIM NO. SECTION: LOGGED BY DATE LOGG	:00111 5D: FC	Kowelski B. 2, 1989.
DESCRIPTION	SAMPLE	FEE	<u>.</u> T	LENGTH		AS	SAYS	
	NO.	From	То	1		Aut		
1990-2370. FIRST PPPEARANCE OF SERICITE (PARE YELLOW- CREAM); LESS THAN 33. MATR: X OF CONGLOME RATE IS GREDUALLY DECOMING TURFACEOUS IN APPEARANCE. LESS THAN 123 FINE-GRAINED PYRITE.								
	-			-				·
	SKOUNBLINK PROPERTY: METALORE () SHOP E DEPARTURE: 11005 LENGTH: 257-0'	BROCLNSANK ENDERTY: METALORE RESOURCE Stoff DEPARTURE: 14005 LENGTH: 257.0' ELEVATIO	SKOUNISHIK ERDERTY: METALOKE KESOURCES SKOURISHIK DEPARTURE: 14005 LENGTH: 057-0' ELEVATION:	DAOLNIGHIK PEDILETY: METALOXE KESOURCES 2009 E. DEPARTURE: 14005 LENGTH: 051.0 ELEVATION: 45° CORR SIZT: 80 DRILLED BY: 2004 GUAR 45° DIP TESTS:	2KOUNSENK ENDERSY: METALORE KESOURCES 2KOUNSENK DEPARTURE: 11005 2KOS CORESTZ: 300 2KOS DUP TESTS: 300 2KOS TEST 2KOS DUP TESTS: 300 2KOS DUP TESTS 2KOS </td <td>ANGLENISTICK DEFIRITY: METANORE RESOLUCES ANGLE DEFIRITY: METANORE RESOLUCES ANGLE DEFORMURE: HEODS DEFORMURE: HEODS DEFORMURE: HEODS DEFORMURE: TOPS SAMULE DEFORMURE: TOPS DEFORMURE: HEODIS NO. FROM TOP TOP TOP</td> <td>ACCENDINK PROPRETY: MCDALORE KESOURCES MCDE NOI ACCENDING DENOTIF: ACCENDING SCORE ACCENDING CORR SIZE: BO DURINGO SYLL ACCENDING DURINGO SYLL DURINGO SYLL ACCENDING ACCENDING SAMPLE FCEY DUNTH ACCENDING SAMPLE FCEY DUNTH ACCENDING SAMPLE FCEY DUNTH ACCENTRICK MCLANCE MERCHANCE SAMPLE FCEY INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE INFERTOR MCLANCE ACCENTRICK INFORMACE INFERTOR INFERTOR ACCENTRICK INFORMACE INFERTOR INFERTOR ACCENTRICK INFORMACE INFERTOR INFERTOR INFERTOR INFORMACE INFERTOR INFERTOR<td>DESCRIPTION SAULUS FEETURINI: METALORE RESOLUCES SCIENCE STOSE DEPARTURE: 14005 DEPOTENT: 357 0' SERVATION: DESCRIPTION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 14005 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 2007 BILD DEVISION: 2007 BILD DEVISION: 2007 BILD STORE: 2007 BILD DESCRIPTION SAULUS PEERTON RESOLUTE STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STREE STREE STREE SAULUS FCE7 LENOTH ASSANS STREE STREE STREE STREE STREE STREE STREE</td></td>	ANGLENISTICK DEFIRITY: METANORE RESOLUCES ANGLE DEFIRITY: METANORE RESOLUCES ANGLE DEFORMURE: HEODS DEFORMURE: HEODS DEFORMURE: HEODS DEFORMURE: TOPS SAMULE DEFORMURE: TOPS DEFORMURE: HEODIS NO. FROM TOP TOP TOP	ACCENDINK PROPRETY: MCDALORE KESOURCES MCDE NOI ACCENDING DENOTIF: ACCENDING SCORE ACCENDING CORR SIZE: BO DURINGO SYLL ACCENDING DURINGO SYLL DURINGO SYLL ACCENDING ACCENDING SAMPLE FCEY DUNTH ACCENDING SAMPLE FCEY DUNTH ACCENDING SAMPLE FCEY DUNTH ACCENTRICK MCLANCE MERCHANCE SAMPLE FCEY INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE ACCENTRICK MCLANCE ACCENTRICK INFORMACE INFERTOR MCLANCE ACCENTRICK INFORMACE INFERTOR INFERTOR ACCENTRICK INFORMACE INFERTOR INFERTOR ACCENTRICK INFORMACE INFERTOR INFERTOR INFERTOR INFORMACE INFERTOR INFERTOR <td>DESCRIPTION SAULUS FEETURINI: METALORE RESOLUCES SCIENCE STOSE DEPARTURE: 14005 DEPOTENT: 357 0' SERVATION: DESCRIPTION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 14005 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 2007 BILD DEVISION: 2007 BILD DEVISION: 2007 BILD STORE: 2007 BILD DESCRIPTION SAULUS PEERTON RESOLUTE STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STREE STREE STREE SAULUS FCE7 LENOTH ASSANS STREE STREE STREE STREE STREE STREE STREE</td>	DESCRIPTION SAULUS FEETURINI: METALORE RESOLUCES SCIENCE STOSE DEPARTURE: 14005 DEPOTENT: 357 0' SERVATION: DESCRIPTION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPOTENT: 360 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 14005 DEVISION: 2007 BILD DEVISION: 2007 BILD STOSE DEPARTURE: 14005 DEPARTURE: 2007 BILD DEVISION: 2007 BILD DEVISION: 2007 BILD STORE: 2007 BILD DESCRIPTION SAULUS PEERTON RESOLUTE STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STORE: 2007 BILD DESCRIPTION SAULUS FCE7 LENOTH ASSANS STREE STREE STREE SAULUS FCE7 LENOTH ASSANS STREE STREE STREE STREE STREE STREE STREE

LOCA.	TION: B	ROOKBANK EAST PROFERTY: METALOKE K	ESOUR	CES				HOLE NO: 8	1- FE 35
LATI INCL AZIM STAR COMP PURP	TUDE: IN: - UTH: TED: LETED: OSE: OK	LYE DEPARTURE: 1+255 LENGTH: 247 -45° 342° DIP DESTS: DIP DESTS:	ELEVATIO DRILLED DRILLED	BY: BY : FOR : YY :	ead le fetalor	y BRO E Keso	S. J.C.	CLAIM NO. SECTION: LOGGED BY: P DATE LOGGED	Jeb Kavdlski ANU 182 VK
FE	ET	DESCRIPTION	SAMPLE	FE	57	LENGTH		SSAYS	5
From	TO		NO.	From	То			AUT	
0.0	10:0	CASING							
100	67.0	FINE-GRAINED, MASSINE, MAFIC VOLCANIC, WEAKLY- M'GNETIC AND ALTERED WITH FE-AND CO-CARB, CHLORITIC AND EPIDOTE VEINLETS, LESS THAN 15							
		AT GY.9-667 QUARTZ VEIN WITH FC-CAMONATE AND CHLORITE VEINLETS, FIFTEEN PERCENT VERY FINE- GRAINED MYRITE.	9312	64.9	66: 7	<u></u>		O.01	
67.0	181.6	67.0-70.0 ANTERED (POTASSIC) ZONE WITH 10% GTZ-CARB VEINLETS THROUGHOUT. TEN PERCENT FINE-GRAINED PYRITE.	9313	67.0	70.0	3.0			
		70.0-123.0 MASSIVE, FINE- TO MEDIUM-GRAINED DIORITE LOCALLY, A WEAK FOLIATION IS DEVELOPED. WEAKLY-FRACTURED AND -1: AGNETIC WHERE QTZ-	9314	122.2	125.5	2.5"		0.005	
		SPECTROMETER READINGS 30 COUNTS PER MINUTE. LESS THAN 1/2% VERY FINE-GRAINED PYRITE.							
		123.0-125.5 SIMILAR TO 67.0-70.0							
			1	1	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

1	ION: _	ROOKBANK EAST PROPERTY: NETALORI	E RESC	ORG	<u> - </u>			HOLE	NO: 8	34-BC	535	
LATIT INCLI AZIMU STARO COMPI PURPO	NUDE: IN: DTH: TED: LETED: DSE: BR	14E DEPARTURE: 1+255 LENGTH: -450 CORE SIZE: BQ 342° DIP TESTS:	ELEVATIO DRILLED DRILLED	BY:	rad-l izetal	y BR	OS. GIACI	CLAI SECT LOGG DATE	M NO. ION: _ ED BY: LOGGE	Past D:	-Kaux	
from	EET	DESCRIPTION	SAMPLE NO.	From	ET	LENGTH		Q. /71	ASS	SAYS		
181.0 2040	2040	181.0-204.0 ALT RED ZONE - POTASSIC AND HEMATITIC ALTERIMONS ARE VERY. WEAL NEVELOPED. ROCK IS BLACK IN COLOUR IMPLYING SULICIFICATION (IT IS ALSO HARD) TEN PERCENT GUARTZ - CARB VEINLETS THROUGHOUT; TEN PERCENT FINE-GRAINED PYRITE, MAELC SEDIMENT IS GRANULAR IN APPEARANCE. LESS Z. MAN 550 GTZ-CARB VEINLETS. LESS	9315 93/6 9317 9317 9318	181.0 186.0 196.0	186.0 191.0 196.0 XOI.0	5.0 5.0 5.0 5.0		2:0J TR 2:02 TR				
EOH		THAN 350 PYRITE.		·								
									· · · · · · · · · · · · · · · · · · ·			

•		DIAMOND DRILL RECORD & LOG						•				
LOCA	TION:	BROOKBANK. PROPERTY: METALORE	RESOU	PCES	LTD			HOL	E NO:	84-1	836	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: Fe LETED: OSE:B	(120) DEPARTURE: 6+80.95 LENGTH: 1675 -70° CORE SIZE: NQ 342° DIP TESTS: HEAD 70° 	ELEVATIO DRILLED DRILLED	N: BY: 6 FOR: 77	100 Brad-le talse	4 ley Br P Reso		CLA SEC LOG DAT	IM NO. TION: _ GED BY E LOGGI	Bart ED: M	- Kou va AR 18	
BACKG	ROUND	SPECTROMETER (K) JS C.D.M. TRO-PORT 1657' AZ 346° NE; Dip 70 1215' AZ 346° NE; Dip no	ot defee	mited.	-	·····	r	A	ler (~ ~	
FE	ET	DESCRIPTION	SAMPLE NO.	FEE	. <u></u>	LENGTH			AS	SAYS	1	Т
0.0	6.0	CASINIG.	-									Ī
6.0	10:0	EPOWAR COPE										4
												_
10.0	39.0	FRACTURED (WITH EPIDOTE OT7-CARE VEINLETK <330)							<u>·</u>			╉
		AND WEAKLY MAGNETIC. NO SULPHIDES.										_
39.0	336.0	DIORITE IN SHARP CONTACT WITH ABOVE MAFIC UDACANK										+
		IT IS MASSIVE, WEARLY MAGNETIC, MENUH-GRAINED AND WEAKLY FRACTURED. EPIDOTE, OT7. CARB(PINKISH)										
		AND K-FELDSPAR FILL IN FRACTURESGIDLESS THAN 33										4
												1
336.0	4270	VESICULAR PLLOW SELVAGES IN MAFIC VOLCANIC. SMILAR TO 10:0-39.D. OT7-CARR VEIN AT 749:0-3514	•			-					.	+
		LESS THAN 4% DAKK GREEN CHLORITE WITH 3%				·			· ·			1
		KING GRAINED PYRICE.				-						1
427.0	541.0	SIMILAR TO 390-3360 EXCEPT 2% FINE-GRAINED PURITE OBSFEVED LOCALLY. LESS THAN 1/25 FINE-										4
		GRAINED SPECULAPITE.							1			1

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PROPERTY: METAKORE RESOURCES LTD.

page no: $2 \circ 5$

F	<i>ĘEŢ</i>	DECODIONION	SAMPLE	FE	ΈŢ	LENGTH		ASS	AYS		
From	To	DESCRIPTION	NO.	From	То						
541.0	5643	541.0-547.0 UERY WEAKLY ALTERED DIDRITE WHERE									
		ALTERATION IS FAINT PINK IN COLOUR									
						•				<u> </u>	
•	1	547.0-551.5 SIMILAR TO 541.0-547.0 EXCEPT FOLIATION IS								1	
	·	PROMINIANT AND K-ANTERATION IS STRONGER. 150 COARSE-									
	<u> </u>	GRAINED PYRITE.									
	<u> </u>								1	1	
		551.5-555.3 INCREASED FOLIATION (45°C/A) ANDK-			-						
		ALTERATION. TWO PERCENT FINE-GRAINED PURITE									
<u></u>		555.3-5643 SIMILAR TO 5515-5553 EXCEPT ALTERED									
		ZONE IS WELL BRECCIATED WITH K- AND SERICITIC							<u> </u>	L	1
		ALTERATION. IT IS ALSO BLACK AND VERY HARD								ļ	<u></u>
		MARLYING STRICIFICATION. TWO PERCENT FINE- GRAINED							ļ	<u> </u>	
		PYRITE. SPECTROMETER READING 30 COUNTS PER MININTE								ļ	1
					•					<u> </u>	<u> </u>
564.3	837.0	SIMILAR TO 336.0-427.0. LOCALLY IT IS ALTERED (PINK)		· · ·							
		AND BRECCIATED.			19 يولي من من من من من م					L	
											<u> </u>
•		593.5-5967 CARB-OTZ VEIN WITH LESS THAN IS									
		CHLORITE SEAMLETS AND FINE-GRAINED PYRITE.							İ		
											<u> </u>
		644.2.646.0 OTZ-CARB VEIN; WEAKLY BRECCIATED;									
		130 PYRITE; 230 BLUE NETALLIC MINERAL</td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
											ļ
		667.4-675.4 CARBONATE ZONE, WHICH HAS VERY			•						<u> </u> [
		FAINT PINK ANTERATION AND' 450 FINE-GRAINED						_			<u></u>
		SPECULARITE									<u> </u>
					•	ļļ-					<u></u>
		TB.O- TOILY GTZ VEIN WITH NO CHLORITIC SEAMS.			·····		·				
		NALARUCK HAS WEAK K-ALTERATION AND IS BRECCHATED				ļ					[]
		JAKKROCK HAS 3% COARSE-GRAINED PYRITE				ļ					
		VEIN HAS <110 PINE-GRAINED PYRITE.				<u> </u>					

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FE	ET	DESCRIPTION	SAMPLE	FE	ET	LENGTH	······································	ASSA	xs	· · · ·
From	То		NO.	From	To					
		+34.0-837.0 BRECCIA ZONE, WITH WEAK K-ALTCEADA	/							
		AND SEXICITIZATION. LESS THAN 450 PYRITE, <45				ļ				
	<u> </u>	SPECULARITE. MINOR QUARTZ VEINLETS THEOUGHOUT				· ·			<u> </u>	
		DIORITE						<u>.</u>	<u> </u>	
834-0	1442.0	THIS SECTION IS MASSIVE "WITH "R" PHENOCRYITS								
	<u> </u>	WHICH ARE SPARSELY DISTRIBUTED IT HAS WEAR				<u> </u>				
		K-ALTERATION AND WEAK FRACTORING THROUGHOUT.								
- <u></u>		Q17- CARB VEINLETS FILL IN FRACTURES. PYRITE				ļ				
		OCCURS IN CLUSTERS 4%.				<u> </u>		_		· · · · · · · · · · · · · · · · · · ·
044	4.7.									
142.0_	1120.0	MAEK UOLCANIC, MASSIVE, FINE-GRAINED, STRONGL	٢							
		ERPETURED WITH OTZ, CL-AND FE- CARB, K-FELDSPAR								
		AND EPIDOTE(2).				-			ļl	
		LESS THAN 120 SULPHIDES							<u> </u>	i
11 42 0	1100 2					<u> </u>				
120.0	11~8.0	DIORITE SAME AN 34.0-336.0.						1		<u> </u>
100 0				· ·		<u> </u> -		_		
$\mathbb{Z}.O$	1156.0	17AF/C VOLCANIC AS 942.0-1120.0.								
101 0	110/1 0	NUMERAL AND AND AND AND AND AND AND AND AND AND								
126.0	1144.0	DIOKILE. SAME AS 34.0-3.36.0								
DQU A	12101	MAEK HOLCONNE DE QUIZO VOD O								
1174.0	1008.0	P(AFIC OUNCANIC AS 942.0 - 11.20.0).				<u> </u>			·	
1900	14/12 0	MARIE HALLER DO OLAD - HEAD OF THE T				 				
<u>as.0</u>	1240.0	THEFT UOLCANIC AS 442.0-1120.0 EXCEPT THERE				<u> </u>				
		NUMBER OF OTT VENTER 35 VENTE								
		NUTDER OF OT EVENNLETS. 0% V. FIVE-GRAINED								
										1
12400	12250	NEARNER MAFIC UNICANIC STRANCE FOR INTERI			<u> </u>					
	0.2.2.	THE THEP THE IN VORTAVIL, STRUING FOR HITTON				<u> </u> -				
		HEDDITE FOR AND CONCERED WITH & MND								
		THRAUCHOUT ROCK IS BLACK IN CALOUR AND UPON								
		HORN POSSIBLY INFORMACE SUICIFICATION				<u> </u>				
		MAKIN PUDNIONAL INTERKING DIAICIFICIT/1010.		1		i	L			

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FEE	Γ	DESCRIPTION	SAMPLE	FEET		LENGTH	ASSAYS			
From	TO		NO.	From	То					
		1266.0-1310.0 SIMILAR TO PREVIOUS DESCRIPTION EXCEPT								
		THE DEFORMATION IS STRONGLY PRONOLINCED								
	-	RESULTING IN A WELL DEVELOPED FOLIATION 65 TO				•				
		C/A. VOLCANIC IS WELL BRECCIATED.		•						
	•									
		3% DISSEMINATED VERY FINE-GRAINED PYRITE, <1% CPY								
		<1% MAGNETITE, <1% BLUE METALLIC MINERAL								
	<u> </u>	(EXTREMELY FINE- GRAINED).			-					
		1310.0-1335.0 SIMILAR TO 1366.0-1310.0 EXCEPT THERE								
		IS SERICITE AND AN INCREASE IN						ļ		
		FE-CARBONATE: 15% Py.						ļļ		
	<u> </u>							<u> </u>	<u> </u>	
1332.0	1358.0	WELL FOLIATED, BRECCIATED, OTZ-CHLOPITE-SERICITE-				<u> </u>		<u> </u>		
		TE-CARBONATE SCHIST. WEAKLY MAGNETIC. UP TO				<u> </u>	_ <u></u>			
		1520 FINELY-DISSEMINATED PURITE AND 12 FINE-				ļ		ļ		
		GRAINED SPECULARIZE < 42% CHALCOPYRIZE WHICH								
		IS ALSO VERY FINE- GRAINED.				<u> </u>		<u> </u>		
DORN	1/252	DEFORMED POLYMICTIC METACONGLOHERATE >								
328.0	1630.0	FOLGHICTIC METALONGLOHERATE WITH FLAT-								
		TENEN JASPER, MAFIC, QUARTE, FELDSPATHIC								
		CLASIS IN A WELL HATRIX. CLASIS ARE 1-5			·····	<u> </u>				
		IN STEE. FORTATION 40-45° TO CTA. LESS THAN				<u> </u>				
		170 FINE-GRAINED DISSEMINATED PORTLE.			.			<u> </u>		
		15120 15210 MARCH IS ASSUMPTION TO TAKE LOUS		<u> </u>				1		· ·
		DIG. U- DULD MATRIX DEGINNING TO TAKE ON THE								
		AFICHINANCE OF A TUFF			<u>.</u>					
		15310-15840 MOTOLY IS HODE STROADLY ENLINED								
		(6° - 68° SIMULAR IN APOLADANCE AS								
		15120-15310 BUT THERE IS US SEDICITE				<u> </u>				
		LESS THANI 455 FINE CRAINED RURITE KISSENCITE								
		NED INTIN ANTINE GIVENNED FORTIES YOURSTE				i				
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	-		1.0	

FE	ET.	DECODÍDETON	SAMPLE	FEE	ET	LENGTH		ASS	AYS		
From	To	DESCRIPTION	NO.	From	То						
·		ALTERED POLYMICTIC METACONGLOMERATE. >									
	ļ	1584.0-1635.0 QUARTZ-CHLORITE-SERICITE		<u> </u>							<u></u>
	· · ·	SCHIST (60-63° FORIATION TO C/A).				Ŀ	<u> </u>		1	<u> </u>	1
•	<u> </u>	WITH QUARTE, JASPER, MAFIC AND FELDSPATHIC								ļ	<u> </u>
	·	FLATTENED CLASTS. LESS THAN 250 EXTREMELY				ļļ					
<u></u>		FINE-GRAINED PYRITE IN SERICITE CHLORITE SEAMS.				ļļ.					
1/25-	11700					ļ				<u> </u>	<u> </u>
1650.0	1673.0	STAILAR 70 1531.0-1584.0.			-	L				<u> </u>	·
<u>(7.1)</u>	ļ								<u> </u>	· · ·	
EOH											
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		- DIAMOND DRILL RECORD & LOG				•		•				
LOCA	TION:	BROOKKANK PROPERTY: METALORE	RESC	URCA	Erhz	-ጋ.		HOL	E NO:	84-K	336A	,
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:	LIQU DEPARTURE: <u>6+80.95</u> LENGTH: <u>1365.0</u> -70° CORE SIZE: <u>NQ</u> <u>31/2</u> ° DIP TESTS: <u>DE FLECTED</u> <u>4 NO TRO-PARI</u> <u>7eb 37,1984</u> <u>Ruoklornk Gre</u>	ELEVATIO DRILLED DRILLED	DN: BY: FOR:	iad.	ley 6 e Ros	- Our	CLA SEC LOG DAT	IM NO. TION: GED BY E LOGGI	Den Bar	<u>b Low</u> 2-27:	
FF	-ET	DESCRIPTION	SAMPLE	FEE	-7	LENGTH	<u> </u>	<u></u>	AS	SAYS	<u></u>	
From	TO		NO.	From	То	1				1		
		DEFLECTION: MASSIVE TO FOLIATED MAFIC UDLC.										
1239.0	1325.0	WELL FOR ATED (65° TO C/A); WELL BRECCIATED										
		HARD BLACK ROCK. BRECCIATED FRAGMENTS ->								[]	'	
	ļ	HEMATITE, FE-CARB K-ALT. (SPECTROMETER										
		READINGS 40-60 c.p.m) EXTREMELY FINE-								!		·
	ļ	GRAINED PYRITE THROUGHOUT (152). TEN PERCENT		 		<u> </u>	·		<u> </u>			
		QTE-CARB VEINLETT.										:
	[12470 - 1264. O LINIALTERED VOLCANIC INITH	[[
		MUNERATELY DEVELOPED EDLIATION (65° TUCIA) SALA PU										
		1264.0-1274.0 OTZ-CARB JEINLETS ACCOMPANIED										
		WITH PAKE GREEN SERICITE-FUCHSITE TO						1				
		CHLORITIC UEINLETS (22)										
		1274.0 - 1279.0 WEAKLY SIL ICIFIED. Py 15 COARSER-										·
		GRAINED AND IS AFSOCIATED WITH CHLORITIC						<u> </u>		L		L
	·	VEINLETS.										· ·
			· .					<u> </u>		L		
		1274.0-1292.0 SIMILAR TO 1239.0-1247.0	<u> </u>			<u> </u>			<u> </u>	L		L
		1292.0-1297.0 SIMILAK TO 1247.0-1264.0	ļ	<u> </u>				<u> </u>	_	<u> </u>	 '	<u> </u>
ł		11297.0 - 1300.6" SIMIKAR TO 1239.0- 1247.0	·	ļ	 		ļ	ļ	ļ	<u> </u>	<u> </u>	<u> </u>

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FER	ET.		SAMPLE	FE	ET	LENGTH			ASSA	YS		
From	То	DESCRIPTION	NO.	From	То							
	5	1300.6-1302.6" SINILAR TO 1239.0-1247.07										
-	7	1302.6-1325.0 SIMILAR TO 1239.0-1247.01								1		
	· · · · ·			1		•		1		1	1	
1325.0	1344.7	QTZ-CHAORITE SCHIST WITH 15% FINE-							1			1
	•	GRAINED DISSEMINIATED PYPITE FOLIATION 60°					i					
		TO C/A						1	1			•
-								1			1	1
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FOH								1	1		· ·	
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LOCAT	NION: B	ROCKBANK PROPERTY: METRIORE K	PEROLING	ere l	-N		-	HOLE NO: $94-1$	378
			K. OUKC	<u></u>	<u>70.</u>		-	_0 / _ (<u></u>
LATIT INCLI AZIMU STARI COMPI PURPO	TUDE: $\frac{3}{13}$ TH: \frac{3}{13} TH: \frac{3}{1	$\frac{743 \text{ W}}{75^{\circ}} \text{DEPARTURE}: \frac{77895}{75^{\circ}} \text{LENGTH}: \frac{19230'}{1353' \text{ AT } 1908'} \text{CORE SIZE}: \text{ NQ } - (\frac{7}{8''}) \\ \frac{75^{\circ}}{1353' \text{ AT } 1908'} \text{DIP TESTS}: \frac{(\alpha p)/(\alpha p)/(4}{100' \frac{175^{\circ}}{75^{\circ}}} \\ \frac{75^{\circ}}{1600' \frac{175^{\circ}}{77^{\circ}}} \\ \frac{75^{\circ}}{1600' \frac{175^{\circ}}{77^{\circ}}} \\ \frac{75^{\circ}}{1600' \frac{175^{\circ}}{77^{\circ}}} \\ \frac{75^{\circ}}{1600' \frac{175^{\circ}}{77^{\circ}}} \\ \frac{75^{\circ}}{1922' \frac{175^{\circ}}{7$	ELEVATIO DRILLED DRILLED	n: by: <u>@k</u> for: <u>W</u>	999 ad ley otalo	BEDS.	ices ×	CLAIM NO. <u>IB</u> SECTION: <u>VERT</u> LOGGED BY: <u>Bal</u> DATE LOGGED: <u>K</u>	29038 10AL 1- Kennelski 12'84 38K
FS	ET	DESCRIPTION	SAMPLE	FEI	T	LENGTH		ASSAYS	
From	To		NO.	From	То			Au I	
0.6	1.5							oz/ton	
00	6.0	CASING							
6.0	71.0	QTZ-CHADRITE- K-FEADSPAR SCALST LESS THAN 150 R-	9435	17	22	5			
		CARB. FOLIATION 25° TO CLA. SPECTROMETER READINGS 30-							
		50 COUNTS PER MINUTE. ONE PERCENT FINE- GRAINED							
		DISSEMINATED PYRITE THROUGHOUT.							
		22.0-42.9 QTZ-CHLORITE-FUCHSITE (MARIPASITE)-Na-+K-	9436	22	27	5		0.002	
		FENDSPAR. SCHIST. FOLIATION 30° TO CLA. ONE PERCENT							
		FINELY DISSEMINATED PYRITE ALONG CHLORITE SEAMS.							
		GRADATIONAL INCREASE OF SERICITE.							
		42.9-67.0 ZONE OF ALTERATION AND SILICIFICATION.	9437	42.9"	43.6"	0.9		0.024	
		ALTERATION PREDOMINATELY IS A SERICITIC BRECCIA	9438	43.6"	44.6"	1.0		0.018	
		WITH LESS THAN 1'S Ca- + FE-CARBONNATE VEINLES +	9439	44.6"	48	3.6"		0.02	
		LESS THAN 1230 PURITE. APPROXIMATELY ONE FOOT SETTIONS	9440.	48	53	5		0.012	
		AKE SILICIFIED WITH 350 ASSOCIATED PYRITE.	9441	53	58	5.		0.004	·
		SPECTROMETER READINGS 20-40 COUNTS PER MINUTE.	9442	58	63	5		0.002	
			9443	63	68	5		0.002	· ·
71.0	3520	SHARP CONTACT. MAFIC VOLCANIC IS MASSIVE, FINE-	9444	68	71	3		0.002	
[GRAINED WITH WEAKLY DEVELOPED ALTERATIONS		<u> </u>					
		AND FRACTURING THROUGHOUT. VOLCANIC IS	· · · ·	<u> </u>					
		VESICULAR AND WEAK PILLOW SELVAGES ARE	l	 		↓ ↓			· · ·
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Fe	EI	DESCRIPTION	SAMPLE	FE	ET	LENGTH	ASSAYS	
From	To		NO.	From	То		Au/T.	ļ]
		VISIBLE. EPIDOTE, Cat Fe- CARBONSATE VEINLETS				ļ		
		(1%) THROUGHOUT SECTION. LESS THAN 150						
	-	MEDIUM - TO COARSE- GRAINED PURITE.				<u> </u>		
		MAGNETIC THROUGHOUT THIS UNIT.						
	•							
3520	629.0	SHARP CONTACT WITH DIDRITE. MASSIVE WITH						
		UERY WEAK ALTERATIONS AND FRACTURING AS						
		IN MAFIC VOLCANICS.			•			
		<1% Medium - to Coarse-grained Purite.						· ·
629.0	712.0	SAME AS MASSIVE MAFIC VOLCANIC 71.0-352.0;						
		WITH WEAK ANTERATIONS FRACTURING.						
		< 130 PYRITE.						
712.0	763.0	SAME AS 352.0-629.0.						
		•						
763.0	1034.0	CONTACT BETWEEN NIDRITE AND THIS MAFIC						
		VOLCANIC UNIT IS GRADATIONAL. THE VOLCANIC						
		15 SAME AS 71.0-352.0.						
						1		
		858.0-886.0 WEAKNY ANTERED VOLCANIC INITIT						
		EPIDOTE AND FE- + Ca- CARBONIATE UFINILETS.	-			1		<u> </u>
		LESS THAN G" SECTIONS OF SILLCIFICATIONS.						
		25 Medium- sealed Public						<u> </u>
		SPECTROMETER PRODUCES BOOTCOMMENTE						
		all minute.			•			<u> </u>
· · ·						1		
1034.0	17.3.2.0	GRADATIONIAL CONTACT WITH THIS NUMETIC UNIT				1		
		SAME HS 3520-629:0						
					· · · · · · · · · · · · · · · · · · ·			
		1790-12590 LUEDKLY RETERED ZONE INTH						
		FR. + CA. CARRONATE DEIGNETC IT R LIEAKIY				1 1		
		Recenter CORDENTE VUINCONSTITUTION				<u> </u>		
		DRELLIGIED WUGAMMI WITH NUMEROUS DEMOLETS				<u> </u>		

HOLE NO: 84-1338

PROPERTY: METALORE RESOURCES.

PAGE NO: 3 of 4

FE	ET	DESCRIPTION	SAMPLE	FE	<i>€</i> 7	LENGTH	·····	ASSAXS		·
From	TO		NO.	From	To		·····	HulT_		
-		(<12" WIDTHS) OF SPECULARITE (350), 150				<u>↓</u>				
		CHALCOPYRITE WHICH IS COARSE- GRAINED,				ļ				
		AND 36 DISSEMINIATED PURITE								
•		SPECTROMETER READS BACKGROUND IN LOCALLY				<u> </u>				
	•	ANTERED AREAS (200 COUNTS PER MINUTE). FOUR				<u> </u>				
		PERCENT QUARTZ-CARBONATE VEINLETS				L		<u> </u>		
		THROUGHOUT. THIS ZONE IS MORE MAGNETIC								
		THAN ALL OTHER DIDRITIC UNITS.								
					-				•	
17320	1848.9	ANTERATION ZONE								
		STRONGLY FOLIATED (30° CA) UDACANIC WITH								
		NUMEROUS PINK- QTZ- CARBONATE VEINLETS.								
		220 FINELY DISSEMINATED PURITE.						<u> </u>		
		<130 FINELY DISSEMINATED CHALCOPYRITE.								
						<u> </u>		<u> </u>		
		1742.0-1747.0 STRONG FOLIATION PLUS WEAKLY								
		DEVELOPED BRECCIA. FE-CARB, SERICTIC ALTERATION	S	<u> </u>						
		ARE WEAKLY DEVELOPED. THIS ZONE IS MODERATELY								
		SILICIFIED (30%).			_					
		310 FINERY DISSEMINATE PYRITE.								
		SPECTROMETER READING 200-300COUNTS PERMINUTE.								
		1747.0-1751.0 AS 1742.0-1747.0 WITH AN INCREASE								
		AMOUNT OF RE-CARBONATE, BRECCIATION,								
	•	SILICIFICATION AND K-ALTERATION. MINOR								1
		NEVEROPMENT OF SERICITE.			•					
		SPECTROMETER READINGS 307500 COUNTS VER MINUTE							· ·	
		1751.0- 1755.0 WEAKER ANTERATIONS THAN 1747.0.			•				1	
		1755.0 - 17640 WEAKER ALMOST FAINTLY DEVELOPED								
-		ALTERATION. IT IS THE SAME AS 1732.0-								
				T		1 1		1 1	1	

HOLE NO: 84-838

PROPERTY: METALORE KESOURCES.

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PAGE NO: 4 OF 4

FEI	ET	DESCRIPTION	SAMPLE	FEE	Τ	LENGTH	ASSAY	S	
From	To		NO.	From	То		Au		
		1764.0-1768.0 SAME AS 1747.0-1751.0.					02/ton		
		1768.0-1771.6 SAME AS 1757.0-1755.0.				•			
	•	1771.6-1786.10 SAME AS 1750.0-		<u> </u>					
		1786.10-1792.10 SAME AS 1747.0	9453	17786.10"	1789.10"	3	0.006		
			9454	1789.10"	1792.10"	3	0.05		
		1792.10-1824.4 SAME AS 17.52.0 STRONGLY							
		FOLIATED (30° C/A) UNCANIC WITH NUMEROUS							
		PINK-OTZ-CARR VEINLETS.							
		2% FINELY DISSEMINATED PHRITE.							
		•							· ·
		1824.4-1844.3 BRECCIATED VOLCANIC WITH FE-+							
		Ca-CARBONATE: SILICIFICATION BECOMES							
		INCREASINGLY PREDOM WATE IN THE SAMPLES							
		TAKEN BEYOND 18034.4. THIS ZONE MAY BE							
_		CALLED A OTZ-CHADRITE- FR-CARB SCHIST.							!
		FONIATION ROUGHLY 25°CHA.							
		3% FINE - TO MEDIUM - GRAINED PYRITE.							
		<150 FINE- TO MEDIUM- GRAINED CHARCOPYRITE							
		SPECTROMETER READINGS STEED COUNTS PER							
		MINUTE	~						
						1			
		1844.3-1848.9 OTZ-SERICITE-CHLORITE-SCHIST WITH							
		36 FINE- TO MEDIUM- GRAINED PURITE AND			·				
		<120 CHALCOPULITE							
848.9"	1922.0	SHARP CONTACT INTH POLYMICTIC METACONICINHERATE	•	<u> </u>	•				
	LIGH V	WITH ELATTENED ()TZ-GEDAVITIC - THERE DERRICE							
		WHILE LIGHT CHILL ANTICHILL STATCH LEDDRES.			<u></u>	·			
FOU	••								
						· · · · · · · · · · · · · · · · · · ·			
				<u> </u>					

	- Tropari/Dip Tests:					1	Complete	ed: _JL	12 JAY 2	20_198	24.
):							Logged t	y: BARB	ARA	KOWF	INSKI
rpose: <u>To</u>	INTERSECT BROOKBANK CON	TACT ZONE.	·····	_	J		Drilled b	y: <u>BRA</u> l	<u>жеу</u>	BRas.	LTD.
Footage		Description		······	Sample No.	Foo	tage	Length		Ass	ays
	BACKGROUND SPECTROMETER	(K) READINGS	200-300 COU	NTS PER MIN.	· · · · · · · · · · · · · · · · · · ·						
··· · · · · · · · · · · · · · · · · ·	THE DESCRIPTION FOR T ED AS THREE DISTINU	HIS DEFLECTION	U CAN BE ED SECTIONS	BEST DESCRIB A, B, C.		····			· · · · · · · · · · · · · · · · · · ·		
6" 1832.6'	ALTERED DIORITE. TEXT SECTIONS B,C SPECTRO	URE UISIBLE THI DMETER READINGS	ROUGH ALTE 5 (K) 400-700	RATION. COUNTS PER MIN	V	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · ·		· · · · · · ·
A.	HIGHLY DEFORMED, FOL STRINGERS OF Ca- AND ARE FOLIATED. WEAK P RED HEMATITE. 5% EXT	ATED (25°-30° FE-CARBONATE, INK ALTERATION REITELY F.G., D	TO CIA) DAR QUARTZ AN (BKGD) WIT ISSEIT INATED	2K GREEN ROCK VD CHLGRITE H SOME BRICK Py.		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
					1 1					1	
B	1739.2" - 1751.6" 406SILICIF, (HEMATITE) ALTERATIONS.	ED, BRECCIATED 5-8% EXTREM	, PINK AND IELY E.G. Py	BRICK RED	· · · · · · · · · · · · · · · · · · ·		· · · · · ·				
B C	1739.2" - 1751.6" 406512101F, (HEMATITE) ALTERATIONS. 1751.6" - 1765.10" 10% SILLI HEMATITE THROUGHOUT.	ED, BRECCIATED 5-8% EXTREM IFIED, HIGHLY 2% F.G. DISSEM	FOLIATED, BI	D BRICK RED RICK RED		· · · · · · · · · · · · · · · · · · ·					
B C A	1739.2" - 1751.6" 40651210151 (HEMATITE) ALTERATIONS. 1751.6" - 1765.10" 10% SILL HEMATITE THROUGHOUT. 1765.10" - 1811 SAME AS 2-5%.	(ED, BRECCIATED 5-8% EXTREM 2% F.G. DISSEM 1720.6" - 1739.2	PINK AND ELY E.G. Py FOLIATED, BI INATED Py. 2" - LOCAL	D BRICK RED RICK RED ⁻ Py CONTENT							

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK WEST GRID. Hole No: 2 of 2.

• Fo	otage	Description	Sample Ma	Foo	tage	Lancath	I	٨٥٥		
From	То		Sample NO.	From	То	Length		Ass Au oz	ton	
· · · ·	B	1821-1832 40% SILLICIFIED, BRECCIATED PINK AND RED ALTERATIONS 5-8% EXTREMELY F.G. Py.						· · · · · · · ·	· · · · · ·	•
832.6"	1837.	SHARP CONTACT	· · · · · · · · · · · · · · · · · · ·	····· ····		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
· · · · · · · · ·	4	SILICIFIED QTZ-CHLORITE-SERICITE-CARBONATE SCHIST. FOLIATION 32° TO CIA. BRECCIATED IN PLACES WITH BRICK RED HETTATITE AND PINK ALTERATIONS. 2% EXTREMENY F.G. DISSEMINATED PY.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • •			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · ·	
837	1857	SHARP CONTACT.		·····	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · ·	· · · · · · · · · ·	· · · · ·	•
EOH		POLYMICTIC METACONGLOMERATE. QTZ, JASPER <1", MAFIC, FELD- SPATHIC <1"-4" FLATTENED CLASTS. THE FELDSPATHIC CLASTS ARE ENRICHED WITH FE-CARBONATE, (BROWN). THE MATRIX IS WELL FOLIATED, HOMOGENEOUS GREEN (CHLORITE). NO SULPHIDES.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		· · · ·
				· · · · · · · · · · · ·	·····					•
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ter P										
			· · · · ·							-
								<u> </u>	<u></u> b.	

Azimut Dip: Purpos	h: •	356° Tropari/Dip Tests: 407'-70° 800'-70° /200'-66° 1/267-66° (T) T)356° INTERSECT BROOKBANK CONTACT ZONE			Complet Logged I Drilled t	ed: <u>A()(</u> by: <u>BARE</u> by: <u>BRAD</u>	ARA KOWALSKI JK LEY BROS. LTD.
Foo	tage To	Description	Sample No.	From	otage To	Length	Assays Au oz/ton
		BACKGROUND SPECTROMETER (K) RETADINGS 400 COUNTS PER MINUTE.					
0.0	8.0	CASING				· · · · · · · · · · · · · · · · · · ·	
8.0	76.0	INTERMITTENT GROUND CORE	····	• • • • • •	р — та тро — то и		
8.0 .	88.9"	MAFIC UOLCANIC VESKULAR PILLOW SELVAGES IN THIS MASSIVE VOLCANIC. IT IS VERY WEAKLY FRACTURED WITH STRINGERS OF QTZ Ca- AND FE- CARBONATE SEPIDOTE, T HEITATITE ALONG SLIP- PAGE PLANES. VOLCANIC IS VERY WEAKLY MAGNETIC. AT 35-37 QTZ-CARB VEIN 1% M.G. Py. <1% M.G. DISSENT. Py.				· · · · · · · · · · · · · · · · · · ·	
8.9"	265	DIDRITE. MASSIVE, HOMOGENEOUS, MEDIUM-GRAINED DIDRITE. STRINGERS AND FRACTURING SAME AS 8.0-88.9". < 1/2 % M.G. Py. NO DEFORMATION TALTERATION IN THIS UNIT.		· · · ·		· · · · · · · · · · · ·	
265	<i>3</i> 83	MAFIC VOLCANIC. SAME DESCRIPTION AS 8.0-88.9" SHARP CONTACT.	· · · ·			· · · · · · · · · · ·	
83	<i>2</i> 97	DIORITE. SAME DESCRIPTION AS 88.9"-265. SHARP CONTACT. 295-2970 MILKY WHITE QUARTZ UEIN WITH A WEAK PINK ALTERATION. 1% M.G. Py.			· · · · ·	• • • • • • • • • • • • • • • • • • •	
							· · · · · · · · · · · · · · · ·

	· · · · · · · · · · · · · · · · · · ·						···· _			
⊐Foot From	ag e To	Description	Sample No.	Foo From	tage To	Length		Ass <u>Au</u> oz	ays :/to <u>n</u>	
37	38	DIORITE. SAME AS 88.9" - 265 WITH WEAKLY ALTERED AND BREC- CLATED SECTIONS. 1% M.G. Py.			a i i		· · · · · · · · · ·			~
77	404.5"	MAFIC VOLCANIC. SAME AS 8.0-88.9"		·····				••• ••• ••• ••• ••• ••• ••• •••		
H.5"	10.00	DIORITE SAME AS 88.9"-265 WITH WEAKLY BRECCIATED AND ALTERED SECTIONS. THESE SECTIONS ARE SILICIFIED (WEAKLY-FISSURE VEINING). 2% F.GTI.G. PY T FINELY DISSEMINATED SPEC.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	
		420-427.6" ALTERED ZONE. SANDY-PINK IN COLOUR. IT IS BREC- CLATED WITH STRINGERS OF QTZJT K-FELDSPAR. ROCK IS VERY HARD AND SILICEOUS. 5% F.G. DISSEM. Py & 2% Spec.	9526 9553 9527	421 423.6" 426.1"	423.6" 426.1" 427.7	2.6" 7.7" 1.6"	··········	Ni 0.002 0.01		
	· · · · · · · · · · · · · · · · · · ·	427.6"-430.6" MILKY WHITE QTZ VEIN WITH CHLORITIC VEINLETS THROUGHOUT. 4% DISSEN. T AGGREGATES OF PY.	9554 9528	427.7* 429,1	429./" 431.3	1.6" 2.2"		0.042 0.005	· · · ·	
		430.6"-474 THIS ZONE IS STRONGLY FOLIATED (30° CIA) WITH PALE GREEN CRYSTALS & CRYSTALS OF PLAGIDCLASE FELDSPAR IN A SOFT CHLORITIC MATRIX. QTZ-CARB STRINGERS THROUGHOUT. CRYSTALS & FOLIATION GRADUALLY BECOME WEAK AT END OF SEQUENCE.								
		540-554 SAME AS 420-427.6" IT IS SANDY (SERICITE?) PINK (K-FELDSPAR) IN COLOUR, IN A SILICEOUS MATRIX. 3% C.G. Py, <2% STRINGERS OF Spec; <1% Cpy.		· · · · · ·	· · ·				· · · · · · · · · · · · · · · · · · ·	
		554-560 SAME AS 430.6"-474.0	· · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				
		THIS ALTERATION WITHIN THE DIORITE IS REPEATED BUT IN	· · · · · · ·							·

ETALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST GRID Hole No: B38B

Page No: ______ of _____

óotage	Description	Sample No.	Foo	tage	Length		Ass	ays	
7 To		ļ	From	То	ļ		Au oz	/ton	
ter er par	NARROW SECTIONS, THAN DESCRIBED ABOVE	,		·····		1 1 100 -		1	}
	757-777 ALTERED DIORITE DESCRIBED AT 420-427.6".							• • •	
	758-761 MILKY WHITE QUARTZ UEIN WITH CE 1/2 % M.G. Py + 1% F.G. Spec IN CHLORITIC SEAMS.								· · · · · · · · · · · · · · · · · · ·
	DIORITE BECOMES FINER-GRAINED DOWNHOLE. INTERMITTENT GROUND CORE FROM 847-880.						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	········
	MAFIC UULCANIC. SHARP CONTACT WITH A FINE-GRAINED, MASSIVE VESICULAR PILLOW SELVAGES THROUGHOUT UULCANIC. STRINGERS & BLEBS OF FE- & Ca-CARBONATE, QTZ & EPIDOTE LOCAL HEAVY CONCENTRATION OF EPIDOTE. 1% FGM.G.P.	-		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	
1141	ALTERED MAFIC VOLCANIC. 1146-1148.6" DARK RED BLACK ROCK. IT IS WELL FOLIATED 35° C/A. <3% QTZ T >80% CHLORITE. STRINGERS OF FE-AND Ca-CARBONATE THROUGHOUT. SPECTROMETER READINGS 400-600 C.P.M. IT IS MAGNETIC. 1/2% F.G. Py.	9555	1146	48,6"	2.6"		0.002	· · · · · · · · · · · · · · · · · · ·	
	1148.6"-1150.9" INCREASE IN DARK RED ALTERATION (HEMATITE) AND QTE THAN IN 1146-1148.6". SPECTR. 400-500 C.P.N. <1/2% F.G. Py.	9529	1148.6"	1150,9"	2.3"	· · · · · · · ·	0.005	··· · · ·	
	1150.9"-1153.7" SIMILAR TO 1148.6"-1150.9" WITH 2" BREC- CIATED SERICITIC SECTIONS, AND AN INCREASE IN QTZ CONTENT. <14% F.G. Py.	9556	50,9*	153.7"	3,10"	· · · · · ·	0.012		• •
· · · · · · · · · · · · · · · · · · ·									

ootage To	Description	Sample No.	Foo From	tage To	Length		Ass: Au oz	ays /ton
	1153.7" - 1157 SIMILAR TO 1148.6"-1150.9" BUT SECTIONS ARE INTENSELY BRECCIATED & SERICITIZED. < 1/20/6 F.G. Py.	9530 9557 9531	1153.7" [157 [159.8"	1157 1159.8" 11£1.9"	3.5" 2.8" 2.1"		N;1 0.002 0.005	
	1161-1164.10" 40% HETTATITE (BRECCIATED) IN SECTION + 5% QTZ IN THIS BLACK (CHLORITIC) ROCK. SPECT. 400-700 C.P.M. 1% F.G. Py.	9558	//61.9"	1164,10	<i>ק</i> , /′		0.002	• • • • • • • • • • • • • •
	1164-1167 EXTREMENY WELL FOR ATED (40°(1A); 30% QTZ, 60% CHLORITE, 10% K-FELDSPAR, HEMATITE, SERICITE, FE-AND Ca-CARBONATE. 1% F.G. Py AKONG CHLORITIC, CARB, HEMATITE SEAMS.	9532 9559	1164.10" 1167	1167 1169.6"	2.2" 1.6"		0.002 0.002	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	1169.6"-1172.11" AS PREVIOUS SECTION EXCEPT 90% SILICIFICATION						······	·····
	1192.3"-1213 EXTREMENY WELL FOLIATED, SILICEOUS, HETTATITE, + CHLORITE IN THIS SECTION. DARK RED IN COLOUR WITH BLACK SECTIONS. Fe-+ Ca- CARB THROUGHOUT FOLLOWING FOL- IATION. SPECTR, 400-650 C.P.M. 1% F.G. Py.		· · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
	1213-1214.6" HIGHLY SILICEOUS FE-AND Ca-CARBONATE, CHLORITE WITHIN THIS WELL FOLLATED SECTION. 3% F.G. Py, <1446 F.G. Cpy, T ROCK IS WEAKLY MAGNETIC.	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · ·	······	· · · · ·		· · ·
	1214.6"- 1236.11" EXTREMENY SILICEOUS, FE- AND CA-CARBONATE, CHLORITE WITHIN THIS SECTION. 5% EXTREMENT F.G. Py, <14% Po & IS WEAKLY MAGNETIC.	· · · · · · ·	· · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			· · ·
	1236.11" - 1244.6" QTZ - CHLORITE - SCHIST (P. Cong?). 5-8% FXTREMELY F.G. DISSEM. Py, < 14% Po, <14% Cpy, NON-Magnet	с		• • • • • •	- • •	· · ·		

ootage .	Description	Sample No.	Foo	tage	Longth	1	٨٩٩	avs	
J To			From	То	Lengui	ļ		/ton	<u>.</u>
· · · · · · · · · · · · · ·	1044.6"-1047 SIMILAR TO 1236.11"-1044.6" EXCEPT INCREASE IN DARK GREEN CHLORITE. DECREASE IN QTZ CONTENT + <1/2% SULPHIDES.		· · · · · · · · · · · · · · · · ·				· · · · · · · ·	· · · · ·	
1267	SHARP CONTACT WITH POLYMICTIC METACONGLOMERATE. QTZ, FELDSPATHIC, MAFIC, JASPER PEBBLES + COBBLES. < 1/2% DISSETT. Py.			· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
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· · · · · ·		· · · · · · · ·		· • • • •	· · · · · · · · · · · · · · · · · · ·				

Azimuth Dip: Purpose	n: EEE DEFk 2: _1NT	LECTIONTropari/Dip Tests:358 1/2°ECTIONAT 12°TERSECTFROOKBANKCONTRICT	-66° 5' ZONE						Complet Logged	ed:(by:_ <u>BARE</u> by:_ <u>BRAD</u>	LY ZY ARA LEY (5_1984 KowAk BROS. K	<u>. sкі</u> гр.	
Foot	age To		Description				Sample No.	Foo From	otage To	Length		Ass Au oz	ays /ton	
90	1254	HAFIC VOLCANIC. FINE-G SERVAGES IN THIS HODERA FRACTURED WITH FE- AN STRINGERS & VEINLETS. ALTERED MAFIC UOLCANIC BRECCIATED IN' SECTIONS. PROMINANT DOWNHOLE. 1164.2"- 1219 STRONG PIN PER MINUTE, CHRORITIC U DOWNHOLE ROCK GRADUAN IQ19- 1240 ACCOMPANIED OF PY (WHICH BECOMES DEPLETION OF FE- AND	RAINED TAS TELY MAGNETIC D Ca - CARB IT IS WELK HEMATITE AN K TO RED A VEINLETS WI S BECOMES WITH SILIC EXTREMELY F Ca - CARBO	SIVE VESTO C VOLCANIC ONATE, QUA D PINK AL LTERATION TH '2% F.C TICRE SHEAR G.) AND THE NATE, HEITA	ILAR PILLOU WEAKLY RTZ, EPIDOT IND WEAKLY TERATION BE 100-650 COU F. Py & < 14% CO T SILICIFI IS AN INCL GRADUAL TITE, PINK	I E Y TCONE NTS Spec. VED.								
		ALTERATION AND BRESCI FOLIATION IS PROMIN ANT CALLED A QTZ-CHLORITE SILICEOUS ZONE 1219-1254 5-8% EXTREME SPEC. GRADUALLY THIS ZO	HTION. AT 1340- SCHIST. < 18% LY F.G. Pysone BECOTTES	1254 WHER 5 SERICITE TO <1/4% Po, 21, NON-MAGI	E IT MAY A HROUGHOUT T 14% Cpy, <14 UETIC.	BE THIS %		· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·	

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROCK BANK WEST GRID

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 Page No:
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Footage Footage Description Sample No. Assays Length То From То Au oz/ton POLYMICTIC METACONGLOMERATE: - SHARP CONTACT-CLASTS RANGE IN SIZE FROM PEBBLE - COBBLE AND IN COMPOSITION : QTZ, FELDSPATHIC, MAFIC + JASPER, MATRIX IS WELL FOLIATED WITH < 12% F.G. Py. 1275

	UNE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK (NET GRID)
Latitude:	<u>t155</u> Departure <u>13770</u> Elevation: Length: <u>107</u> Core Size <u>BQ- P1/6</u> Claim No. <u>78</u> 29038 Started <u>TU64</u> 30 (984
Azimuth: <u>DEF</u>	LECTION Tropari/Dip Tests: 359° -61° Completed: JULY 31_1984
Dip:	LECTION AT 1275' Logged by: BARBARA KOWALSKI
Purpose: _///7	ERSECT BROOKBANIC CONTACT ZONE Drilled by: BRADLEY BROS. LTD.
Footage	Description Semale No. Footage
From To	Sample No. Length Assays From To Au oz/ton
11/18/11/1	MOTIC UCLOBALIC MODCULE CILLE CALLED LIEU AND AU OZ/TON.

			From	То			Au	oz/ton	
068 1141	MAFIC UCLCANIC, MASSIVE, FINE-GRAINED WITH VESICULAR PIL- LOW SELVAGES. IT IS WEAKLY FRACTURED WITH STRINGERS + BLEBS OF EPIDOTE, FE- AND (a- CARBONATE, AND QUARTE. IT IS MODERATELY MAGNETIC.				/ / / / / / //	· · · · · · · · · · · · · · · · · · ·			
141 1220	DEFORMED MAFIC VOLCANIC. IT IS WELL FOLIATED AND BREC- CIATED. FE- AND CA- CAKBONATE STRINGERS & VEINLETS ARE PINK IN COLOUR SUGGESTING HEMATITE & K-ALTERATIONS. THE FOLIATION, HEMATITE & K-ALTERATION BECOME MORE PROMINANT DOWNHOLE.							· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	1181-1214 STRONG PINK TO RED ALTERATIONS (SPECTR. 400-650 COUNTS PER MIN) WITH CHLORITIC UEINLETS THROUGHOUT. THESE CHLORITIC UEINLETS HAVE "2% DISSEMINATED F.G. Py, Cpy + <"4" & Spec.		· · · ·	•					
	FURTHER DOWNHOLE ROCK BECOMES PROGRESSIVELY MORE SHEARED & GRADUALLY SILICIFIED.		· · · · ·			· · · · · · · · · · · · · · · · · · ·			n Santa An Santa An Santa
	1214-1220 ACCOMPANIED WITH SILICIFICATION IS AN INCRETISE OF FINELY DISSEMINATED Py (10%) AND THE GRADUAL DEPLETION OF TE-AND CA- CARBONATE, HEMATITE, PINK ALTERATION T BRECCIATION.	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	· · · · · · · ·	e e las				
			·	· · · · · · · ·	· · ·				

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST GRID Hole No: ______ OF ______ Hole No: ______ B38D_____

Foo	otage	Description	Sample No.	Foo	tage	Length	-	Ass		
From			Jampie 140.	From	То	Lengui		Au oz	ton	
	1232	DEFORMED & ALTERED POLYMICTIC METACONGLOMERATE. IT IS WEAKLY BRECCIATED IN SECTIONS & EXTREMELY WELL FOL- IATED. SERICITE, & CHLORITE ARE THE COMMON ALTERATION MINERALS. REMNANT EXTREMELY FLATTENED ON, FELDSPATHIC, JASPER (~1/4") CLASTS THROUGHOUT. 1-2% EXTREMELY F.G. Py ~1/4% (PY, ~1/4 % Po. IT IS NON-MAGNETIC.								
(J32)	1275	SHARP CONTACT WITH POLYMICTIC METHCONGLOMERATE. QTZ, FENDSPATHIC, MAFIC & JASPER CLASTS. MATRIX IS WELL FOLIATED (35° C/A) WITH QTZ, Ca-& Fe-CARBONATE STRINGER THKOUGHOUT. <14% FLG. Py, << 44% Cpy. IT IS NON-MAG- NETIC,	2						· · · · · · · · · · · · · · · · · · ·	
· · · ·			· · · · · · · ·		· · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · ·		· · · · · · · · ·	
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		UNE RESOUR	CES LT	D. DIAMONI) DRILL LO	G Location:	BROCK	BANK	WEST	GRÌ	٥.	L	iola Na	Rar	' <u></u>	
Latitu	de: <u>7</u> †	155 Departure13770	DElevation:		Length:/	116'	Core Size B	2-17/16'	Claim	1 No. 7	TB 291	238 9	tarted A	106.1.	1951	
Azimu	th: Der	TECTION Tropari/Dip Tests:	354°	-650	<u>ŕ</u>	1			1		Complet	ed: A()	IUST -	2-1980	4	
Dip:	DEF	LECTION	AT	12551				 			Logged t	1y:	BARA	KOWA	SKI	
Purpos	se: <u>70</u>	INTERSECT BROOKBA	NK CONTAC	T ZONE		L		·	l	-	Drilled b	y:	DLEY	BROS.	172	
For From	otage To			Description				s	ample No.	Foo	tage	Length	[Assay	'S	
1039	45.2"	HAFIC UOLCANIC. PILLOW SELVAGES. CHRBONATE & QTZ	IT IS MA IT IS WE, STRINGER	SSINE, F/I AKLY FRK es. IT IS	UE - GRI ICTUREL MODERA	AINED (D WI77+ 975249 M	NITH UES Fe- AN AGNETIC	UD Ca-								
1145,7"	1249.8"	ALTERED MAFIC UD WEAKLY BRECCIATE IN THE FORM OF HOLE.	LCANIC. I D IN SER BLEBS Y	T IS WER Z770NS. H STRINGERS	L FORI, ETIATITE BECCI	ATED (: * PINK ME PRO	FS°CIA) ALTERA, MINANT	TION DOWN-	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				· · · · ·
		1149.8" - 1212 STR AT 1162.1" - 1165.1" WITHIN THESE UE <'14% Spec. Spec	DNG PINK) WITH C =INCETS 1/3 trometere	2 70 RED HLORITIC 2 % F.G. 400-750	ALTER, UEIN LE DISSETT D COU	ATTON (ETS THA INATED INTS PE	ESPECIA EDUGHOU Pg, CP R MIN.	9××ダ 7、 ックフ		· · · · · ·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		ж. 0 	
		DOWNHOLE ROCK SRADUALLY SILICIE	BECOMES IED.	PROGRESS	IVERY I	MORE S,	HEARED	T		· · ·	· · · · · · · · · · ·	· · · · ·	· · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
		1212-1221 ACCOM DEFINELY DISSEL DEPLETION OF FE ALTERATION & BRE	PANIED L IINATED - + Ca- C(IATION	NITH SILL Py (10 % CARBONF	CIFLCATI) AND HTE HR	TON IS THE G ENIATITE	AN INC KADUAL Y PINA	REASE - -	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		··· · · · · · · · · · · · · · · · · ·				· · · ·
		1221-1245.1" Stkn CHLORITIC & SPECI	IFIED BU	T WEAKL	Y BRECC NON	(IATED)- MAGN	W17H E71C RO	CK.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · ·		· · · · · · · ·			

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK WEST GRID Hole No: B38E

From Lumpun Description 29495.1° IDMPR Mark THARD SILLEOUS ROCK. 1% F.G. P.3. - 4497.8° ISACK THARD SILLEOUS ROCK. 1% F.G. P.3. - 4497.8° ISACK THARD SILLEOUS ROCK. 1% F.G. P.3. - 4499.8° ISACK THARD SILLEOUS ROCK. 1% F.G. P.3. - 4499.8° ISACK THARENELY WELL TOXIATED. CHLORIFE SERICITE 1% F.G. P.3. - 1847.5 ISACK THARENELY DISECTIONATED. P.3. 1% F.G. P.3. - 4499.167.00 ITETAL CONST. CHARTE. CLASTS. KHUGE FROM 1855. ISALYNELY CONST.	Fo	otage	Description	Comple Me	Footage		l an sh			
IPUS: In INTERS BLACK + HARD SILICEOUS ROCK. < 1% F.G. Py -449% Cpg -449% ST EXTREMELY_WELL FOLIATED CHLORIFE SERICITE SCHIST WITH 2% FINERY DISSETTINATED Pg 449 M355 POLYMETTC NETTO COMPLOTE CHIST WITH 2% FINERY SCHIST WITH 2% FINERY DISSETTINATED Pg 449 M355 POLYMETTC NETTO COMPATE CLASTS KANGE FROM PEBLES TO COMPATE CLASTS KANGE FROM PEBLES TO COMPATE CH FEADSPATHIC, MARTIC T SAFER. GREEN HOMOGENEOUS MATRIX. CH FEADSPATHIC, MARTIC T SAFER. GREEN HOMOGENEOUS MATRIX.	From	T		Sample NO.	From	То	Length		Au oz/to	, n
1247.8" - 1249.8" EXTREMENY WEAK FOULDATED CHLORDE - SERICITE SCHIST WITH 29 FINERY DISSETTION ATED BY. 149. 1255 POLYMICTIC METACONGLOTICEATE CLASTS KANGE FROM TEBBLES TO COEBLES & CONPOSITION WARES FROM QTZ FERDSPATHIC, MARTC & SASPER. GREEN HOMOSENEOUS MATRIX.	· · · · ·		1245.1" - 1247.8" BLACK & HARD SILICEOUS ROCK. <1% F.G. Py, <1/4% Cpy.							
449 1855 POLYMETIC NETA CONGL. CHERATE_ CLASTS NAWGE FROM TEBBLES TO COBLES T CONFOSITION WARTES FROM QTZ; TH EENDSPATHIC, MAFTIC T JASPER. GREEN HOMOGENEOUS MATRIX.	· · · · ·	 A second is a second sec	1247.8" - 1249.8" EXTREMELY WELL FOLIATED CHLORITE-SERICITE SCHIST WITH 2% FINELY DISSETTINATED PY.							· · · · · · · · · · · ·
	249 	1255	POLYMICTIC METACONGLOMERATE. CLASTS RANGE FROM PEBBLES TO COBBLES & COMPOSITION VARIES FROM QTZ, FENDSPATHIC, MAFIC & JASPER, GREEN HOMOGENEOUS MATRIX.	· · · · · · · · · · · · · · · · · · ·						
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		24 - 467				<u>.</u>				· · · · · ·

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION:	WEST	GRI	2	P	lole No.	34-B-40	2
Latitude: <u>6+745</u> Departure <u>/C+COW</u> Elevation: <u>1004.4</u> Length: <u>1492</u> Core Size <u>AQ-17/</u>	<u>8</u> Claim	No. 1	3 290	<u>038</u> s	itarted _	7UG. 17	1984
Azimuth: 740° Tropari/Dip Tests: $400' - 71^{\circ}$ $800' - 74^{\circ}$ $1200' - 75^{\circ}$ $71492' - 70^{\circ}$			Complet	ed: _ <u>A</u> U	5. <i>2</i> 8 ₇		
Dip: 70° (1) $351 \frac{1}{2}^{\circ}$			Logged	by: <u>BARB</u>	ARA K	BWAKSKI	BK
PURPOSE: TO TEST BROOKBANK CONTACT ZONE - BETWEEN MAFIC VOLCANICS Y POLYMICI	TIC NETA	CONG.	Drilled b	oy: <u> </u>	LEY B	ROS. KTO	<u>.</u>
Footage Description	Sample No.	Foo	tage	Length	Ι	Assays	
From To		From	То			Au oz/tor	<u>,</u>
U.U. 16.0 CHSING.	A]						
60 399 0 TATERHITTENT GROUND SPECIFICITETER (NT RETIDINUS 400 COURS PEN INT			• · • • · · · · · ·				
$\mathbf{C} = \mathbf{C} + $			entern to a consult				
DIORITE, MENIUM-GRAINED, HOMOGENEOUS + MASSINE DIDRITE, IT							•••••••••••••••
IS VERY WEAKLY FRACTURED THROUGHOUT WITH STRINGERS AND				1			
VEINLETS OF FE- AND Ca- CARBONATE, HEMATITE, QUARTZ AND				····		a secondaria de la composición de la composición de la composición de la composición de la composición de la co	
EPIDOTE 1%. IT IS MODERATELY TO STRONGLY MAGNETIC. LESS							
THAN 1/2% FINE- TO MEDIUM- GRAINED DISSEMINATED PURITE.							
10 TOI.O MAFIC UOLCANIC. VESICULAR PILLOW SELVAGES THROUGHOUT THIS							
FINE-GRAINED, MASSIVE VOLCANIC. IT IS WEAKLY FRACTURED							
THROUGHOUL WITH STRINGERS AND VETNEETS OF FE- AND (a-CARB-	· · · ·						
CONCRATED PLANCE SUPPRIE PLANES VOLCANUS IN WEARING			و معن مربو م				
MAGNETIC ISOLATED WARRIN SECTIONS ARE WEAKLY REECLATED		· · · ·		• ·			
A MARCENCE PORTACE PRANTICE SECTORES WATCH CONTROL DRECEPTINES.							
552-569 VOLCANIC IS WEAKLY DEFORMED AND VERY DARK GREEN	N						
IN COLOUR POSSIBLY INFERRING SILLCIFICATION. TWO PERCENT					-		
QUARTZ VEINS (2" WIDE) THROUGHOUT. IT IS MODERATERY FRACTURES	δ						
WITH A 2% INCREASE IN FE- AND Ca- CARBONITE AND HEMATITE	-				-		с.
STRINGERS. NO ALTERED SECTIONS. LESS THAN 2% FINE-TO							
MEDIUM- GRAINED PYRITE THROUGHOUT.		- 6. s					
					·····		

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK WEST GRID Hole No: 8-40

Foo	tage	Description	Sample No	Foot	tage	Length	Assa	ays	
From				From	То		 Au oz/	ton	
701.0	712.0	DIORITE. FINE-GRAINED, HOMOGENEOUS AND MASSIVE DORITE. LESS THAN 1% FRACTURING WITH FE- AND Ca-CARBONATE AND EPIDJE STRINGERS THROUGHOUT. IT IS MODERATENY MAGNETIC. LESS THANI'S MEDIUM-GRAINED DISSEMINATED PURITE.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	·····
42.0	732.0	MAFIC UCLCANIC. VESICULAR PILLOW SELVAGES THROUGHOUT THIS FINE GRAINED, MASSIVE VOLCANIC. IT IS WEAKLY FRACTURED THROUGHOUT WITH STRINGERS AND VEINLETS OF FE-AND (G- CARBONATE, HEMATITE, QUARTE AND EPIDOTE. LESS THAN 1% HEMATITE CONCENTRATED ALONG SLIPPAGE PLANES. VOLCANICIS V. WEAKLY MAGNETIC. ISOLATED NARROW SECTIONS ARE WEAKLY BRECCIATED.							
739.0	/4 01.6"	ALTERED DIORITE, TEXTURE OF DIORITE IS RETAINED THROUGH THE DEFORMATION AND ALTERATION. IT IS WEAKLY BRECCATED IN SECTIONS AND IS MODERATELY FRACTURED WITH CG. (PINKISH) AND EC. CARBONATE, QUARTZ AND OCCASSIONAL STRINGERS AND BLEBS OF EPIDOTE. IN ISOLATED SECTIONS THE ALTERATION IS PALE BROWN WITH DARK RED AND PINK THROUGHOUT. SPECTROMETER (K) READINGS BACKGRUUND. LESS THAN 2% C.G. Py, <1% C.G. Cpy 52% VEINLETS OF SPECULARITE. DETAILED DESCRIPTIONS ² 746-760 MILKY WHITE QUARTZ UEIN WITH A WELL FOLIATED AND ALTERED WALLROCK. HEMATITE, CHLORITE, K-FELDSPAR AND <3" SECTIONS OF SILICIFICATION IN ISOLATED PLACES. 893-987 PINK ALTERATION IS WEAKER WITH BAU INCREASE OF 3%							
		IN SILICA DOWNHOLE. DIORITE TEXTURE UISIBLE.				· · · · · · · · · · ·	 · · · · · · · ·		

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK WEST GRID

Page No: <u>3</u> of <u>5</u> Hole No: <u>B-40</u>

Footage	Description Sar			Footage Length		gth Assays				
	987-1000 ANTERED ZONE AS DESCRIBED AT 732'-893'. 994.6"-999.10" INTERMIXED MINKY WHITE QUARTZ VEIN AND WARNROCK. WANNROCK IS BRECCIATED AND MINERANIZED WITH <3% 1.6. TO M.G. DISSEMINATED BY , CPY, AND Spec	9853 9854	994.6" 998.2"	998.2" 999.0"	3.8" 1.8"		TR 0.004			
	1000 - 1225 FINE - GRAINED, MASSIVE, DIORITE WITH 3% FRACTURING. FE - AND CO. CARBONATE, HEMATITE, QUARTE AND EPIDOTE STRINGERS AND VEINLETS, TWENTY PERCENT SILICA AND CARB- ONATE THROUGHOUT. LESS THAN 1% FINE - TO MEDIUM- GRAINED PYRITE + << 1/2% Cpy, Spec									
	1225-1335 DEFORMED - WELL FOLLATED, FLATTENED MAFIC MINERALS IN A LIGHTER COLOURED MATRIX THAN 1000-1325, THERE IS APPROXIMATELY A 5-10% INCREASE IN EPIDOTE AND 3-5% INCREASE IN SILICA CONTENT.				· · · · · · · · · · · · · · · · · · ·					
	1335-1342 A WELL BRECCIATED SECTION WITH BRICK RED HEMATITIC FRAGMENTS. SPEC. READINGS (K) 400-650 COUNTS PER MIN. THIS ALTERED DURITE HAS 40% SILICA. 3-4% F.G. TO M.G. Py.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · ·		
	1351.6"-1357 DEFORMED AND ALTERED DIORITE. DIORITE IS WELL FOLIATED (70°-75° TO CIA) AND WELL BRECCIATED. STRINGERS AND VEINLETS WITHIN FOLIATION ARE FE- AND Ca- CARBONATE, GREEN MICA, CHLORITE AND SILICATES. "2% M.G. Py. "12% F.G. Spec.	9858	1351.6"	1357.0	5.6″	· · · · ·	0.008	· · · · · · · · · · · · · · · · · · ·	• •	
	1357-1367 AS ABOUE SECTION EXCEPT 35% SILICA ENRICHED. SPECTR. 400-700 COUNTS PER MINUTE.	9861 9862	1359 1364	1364 1367	5.0 3.0	· · · · ·	0.016 0.004	- · · · ·		

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK WEST GRID Hole No: B-40

Page No: ______ of _____

Foc	tage	Description	Sample No.	Foo	tage	Length	[Assa	IVS	
From				From	То	Longen	ļ	Au oz/	ton	
· · · ·		1367 - 1401.6" GENERALLY, DIORITE IS EXTREMELY F.G. AND WELL FOLIATED & WEAKLY ALTERED. IT IS DEFORMED WITH FLATTENED MAFIC MINERALS. <<1/2 % F.G. TO M.G. Py.			· · · · · · · · · · · ·					
401.6"	/47/	GRADUAL CONTACT WITH THIS MAFIC UOLCANIC. 1401.6" - 1405 DEFORMED MAFIC UOLCANIC. FAULT BRECCIA AT 1401.6" - 1402. UOLCANIC IS WELL FOLIATED (70°-75° CIA) AND WELL BRECCIATED. FOLIATION CONSISTS OF STRINGERS AND VEINLETS OF FE-AND CO. CARBONATE, GREEN MICA, CHIORITE DOD SULVATES IT IS WEDKIN MOCONST. (1684) DESCENDING	9863	H01.6"	1405	3.6″		0.048	· · · · · · · · · · · · · · · · · · ·	
		CARORITE MOD SIRICATES. IT IS WRARES THORETIC, 2013 Dissertionated Py: 1405 - 1451 DEFORMED AND UERY WRAKES ARTERED HAFIC UCACANIC. IT IS MODERATERY WRAK FOR TATED 75° CIA, STRINGERS AND UEIN- LETS OF FE- AND Ca- CARBONATE AND QUARTZ. < 1% F.G. Py AS DISSEMINATIONS AND UEINLETS. FAURT BRECCIA AT 1417.0 - 1417.8" BRACK SIRICEOUS MATRIX WITH A HATE OF WHITE QTZ UEINS.	9864	1.406.6"	1409.4"	<i>.</i> 2.10 ["]		TR		
· · · · · · · · ·		1451-1454 SAME DESCRIPTION AS 1401.6"-1405 BUT THERE IS A PROGRESSIVE INCREASE IN SILICA CONTENT DOWNHOLE. <3% E.G. PY AS DISSEMINATIONS AND VEINLETS.	9870 9869	1451 1453	1453 1456	.7.0 3.0		0.006 0.002	· · · · ·	· · · ·
		1454-1467 BLACK TO DARK BROWN, VERY HARD, BRECLIATED & MODERATELY FOLIATED (78-75° CIA). DARK- TO LIGHT- COLOURED FRAGMENTED (HERT MATERIAL. <1% DISSETT. & VEINLETS OF Py. 1467-1471 RAZOR SHARP CONTACT. FAULT BRECCIA WITH A MAZE OF QUARTZ VEINS IN A SILICEOUS BLACK MATRIX. NO SULPHIDES.	9868 9867 9866 9865	1456 1459.6" 1462 1465	1459.6" 1462 1465 1467.8"	3.6" 2.6" 3.0 2.8"		0.012 0.034 0.002 0.002		- • •
					· · ·					

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST GRID Hole No: B-40

Fo	otage	Description	Sample No.	Foo	tage	Length		Ass	ays
From	TO			From	То	Longti		Au oz	/tone
471	1492	POLYMICTIC META CONGLOMERATE - SHARP CONTACT- FLATTENED QUARTZ FELDSPATHIC MARIC AND TASPER CLATTS	· · · · · · · · · · · · · · · · · · ·			177 - 1199 - 1111 pieros e monte em			
EOH		<1/2" - 7". MATRIX IS MODERATELY WELL FOLIATED 75° CIA WITH	· · · · · · · · · · · · · · · · · · ·	• • •	· · · · · · · ·		• •		,
от население Сторона и	n (, , , , , , , , , , , , , , , , , ,	MAGNETIC. << 1/2 % F.G. TO M.G. Py.						·····	
10 ALC 1								• ••• ••	
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•	LOCAT	TION: _B	DIAMOND DRILL RECORD & LOG ROOK BANK WEST GRID. PROPERTY: METALORE A	REJOU	RCES	LID			HOLE	NO:	84-1	341	
	LATIT INCLI AZIMU START COMPI PURPO	NUDE: $N: -70^\circ$ TH: 342 TED: 52 LETED: 50 OSE: TO	<i>J</i> + 00 (J) DEPARTURE: 6+755 LENGTH: /232.0 CORE SIZE: NQ -17/g'' TRO PARI AT 1200' 3561/2° DIP TESTS: HEAD 70° (Cap. Correc) 50' 70° 400' 74° KPT.22, 1984 <i>TEST THE BROOK BANK EONE</i> 800' 71° <i>TEST THE BROOK BANK EONE</i> 1200' 631/2°	ELEVATIO DRILLED DRILLED	DN: BY <u>: B</u> FOR: <u>77</u> NOTC	008. Lad etalo	5 FT. lug Br KL MEASI	- S Z SUICE VREMEN	CLAI SECI LOGO DATE	IM NO. TION: SED BY: E LOGGE	TR VER Bout D: SE	<u>29038</u> <u>TICAL</u> EI 12, BI	, K
	SF	ECTR	OMETER BACKGROUND (K) 400 COUNTS PER MIL	NUTE.		·							
	FEE	<u> </u>	DESCRIPTION	SAMPLE	FEE	ET_	LENGTH			ASS	SAYS		
	FIOM		· · · · · · · · · · · · · · · · · · ·		<u> </u>	10	1			<u></u>			
• •	0.0	8.0	CASING										
	8.0	1000	There as in the Constant of the										
	8.0	108.0	-INTERMITTENT GROUND CORE			<u> </u>							
	80	310	MASSINE FINE GRAINED DIDRITE IT IS			<u> </u>	.						
			MODERATERY WELL FRACTURED WITH FE- AND										······································
• •	·		(a - CARBONATE (WITH HEMATITE STAINED)						_				
•			VEINLETS (~'H" IN WIDTH). IT IS STRONG TO			<u> </u>							<u></u>
			MODERATELY MAGNETIC. THREE PERCENT EPIDOTE										
			THROUGHOUT. LESS THAN 12% MEDIUM-GRAINED						· · · · · · · · · · · · · · · · · · ·				
			pgRI/E		·		-						
	510	550	CONTACT RETWIEED THE ORDILE DIDDITE										
		00.0	AND THIS MAFIC MOLCANIC IS MARKED BY 6"										
			BRECCIATED OTZ. Cg- AND FE- CARBONIATE										
			HEMATITIC FONE. THE MAFIC UDA CANIC IS		1		-						
			FINE- GRAINED VESICULAR SELVAGES, AND IS				·			· .			······································
			HEAVILY FRACTURED. 5-10% EPIDDTE BLERS AND										
			VEINLETS THROUGHOUT. ALONG HEMATITIC SLIP PLANES	ļ			-	-	7.072	.			
			HI OK NEAK QTZ VEINLETS 210 MEDIUM-GRAINED					-				 	
		<u> </u>	USSKITINATED I YKILE IS CONCENTRATED.					<u></u>				·	· · · · · · · · · · · · · · · · · · ·
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ME	TRES		SAMPLE	METI	RES	LENGTH		ASSAYS	
From	To	DESCRIPTION	NO.	From	То				
55.0	72	MEDIUM- TO FINE- GRAINED DARK GREEN DIDATE							
		IT IS MODERATERY FRACTURED WITH FR. AND G.							
	· .	CAKBONATE VEINLETS AND OTE STRINGERS (< '/Y WINT	0			· /			
·		310 EPIDOTE BLEBS AND VEINLETS THROUGHOUT. IT						·	
	•	15 STRONGLY MAGNETIC LESS THAN 1/2 % MEDIUM-							
		GRAINED PYRITE DISSEMINATED THROUGHOUT.				1			
72	75	QTZUEIN IS MILKY WHITE WITH IS CHLORITIC			•				
		VEINLETS THROUGHOUT. WALLROCK IS Y" AND 2"							
		ON EITHER SIDE OF VEIN AND HAS 23. FINE-							
		GRAINED PYRITE DISSEMINATED. THIS OTE UEIN							
		MARKS THE BOUNDARY BETWEEN AROVE DIORITIC							
ļ		UNIT AND BELOW MAFIC UNIT.			· _ · · · · · · · · · · · · · · · · · ·				
								<u> </u>	
75	90	MAFIC UOLCANIC AS DESCRIBED 31-55.							
								<u> </u>	
90	237	HOMOGENEOUS, MEDIUM-GRAINED NORITE. IT IS MOD-		· ·		ļ		ļ	
		ERATELY WELL FRACTURED WITH FE- AND Ca-							
		CARBONATE (WITH HEMATITE STAINING) VEINLETS						· · · · · · · · · · · · · · · · · · ·	
·		(<14" IN WIDTH). IT IS STRONG TO MODERATELY				ļ			
		MAGNETIC. 33 FPIDOTE BLEBS AND VEINIETS							
		THROUGHOUT. LESS THAN 120 HEMATITE IS PRESENT				<u> </u>		ļ	
		AT OK NEAR OTE VEINLETS.				ļ		·	
		AT 151-152 I' BULL WHITE OT ? VEIN							
		AT JIS-222 INTERMITTENT GROUND COPE							
		4" QTE- CARB VEINLET WITH BRECCIATED HEMATITIC		ł	•				
ļ		WALLROCK (VERY SOFT) LESS THAN ONE PERCENT			<u></u>				
		FINE: GRAINED PYRITE,							
	2412	MARIE WALCHARD AL CO			•			<u>↓</u> ↓	
$\alpha 3+$	249	I HALL UOLCHNIC HI DESCRIBED 31-35			<u> </u>				
	77 01								
547	5+4	DIOKITE AS DESCRIBED 40-237.				ļ			
		Π(341-343 H) α15-202 370+ (0.PS, 1/0) ERICITE; BX.				Į	·		

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MET	RES		SAMPLE	METI	RES	LENGTH		ACCA	vc		
From	To	DESCRIPTION	NO.	From	To						
•		AT 366-367 AS 218-222 250 F.G. PY: 15 SERICITE RY									
		AT 371-474 INTERMITTENT GROUND (ORE.									
	•	· · · · · · · · · · · · · · · · · · ·				•					
374	383	MAFIC UOLCANIC AS DESCRIBED 31-55.		•							
	•										
383	1156	VERY FINE-GRAINED DIORITE. IT IS WEAKLY									·
		ERACTURED WITH OTZ E-AND CA-CARBONATE									
		VEINLETS THROUGHOUT LESS THAN 120 EPINOTE			•						
		VEINKETS AND BLEBS. GENERALLY, < 1/22 MED-									
		IUM GRAINED PYRITE DISSEMINATED THROUGH						<u> </u>			
		KOCK. DIORITE IS MAGNETIC.						<u> </u>			
		HUN' > A HIL ATT CORRANTE US				<u> </u>					
		417 - A 4 VIE-CARBONALE VEINLEL				-					
		WITH 2/0 DISSETTINATED P.SRITE.									
		HIQ-HZD' ROFCC ATED NORTE INTO HENDERTE			<u></u>					I	
		AND VOLT (HECOM) SERVITE EDEEN MICO					<u>·</u>	1			
		AND CO AND FOR CARRONA THOMAS THOMAS						1			
		KOUATEN 3" SECTIONS CONTAIN 118 TO 33						1			
		FILLE-COPINIED DISSENIALATED RUPITE						· · · · · · · · · · · · · · · · · · ·			
		THOL GRITINED DISSETTINGLED FORTH.									
		NZY-NAN' AS HOR-HOD'RUT IS WELL									
		FOLIATED WITH A MODERATE DEGREE OF ALTERATION	J								
		IT IS MAGNETIC WITH SPECINGAPITE AND	<u> </u>			<u> </u>					
		1-25 FINIE-GRAINED PURITE ENDE PERCENT								ł	
		SIL ICA CONTENT			•						
·····											
		725'-762' MOSTLY GROUND CORF.									
		759' - 76L' 2' MILKY WHITE OTT UEIN			•				1	1	
		WITH CHAORITIC VEINLETS. WALLROCK IS									
		BRECCIATED WITH HEMATITE FR-AND Ca-									
		CARBONATE AND 12 DISSEMINATED PYRITE.									
			- 1	1		1 1		l i		1	

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FE	ET.	DESCRIPTION	SAMPLE	FE	ET	LENGTH		ASS	AYS		
From	То		NO.	From	To	-					
		762'-847' COARSE-GRAINED DIORITE									
		WITH A LIGHT GREEN MATRIX. IT IS WEAKLY									
	•	ERACTURED WITH Ca- AND FC- CARBONATE				•					
	والمراجع ومقيد	VEINIETS - NO EPIDOTE IN THIS UNIT.		· ·	and the state of the state of the state of the state of the state of the state of the state of the state of the						ļ
	•										
		847'-957' ALTERED DIORITE WITH TEXTURE									
		UISIBLE THROUGH ALTERATION, ALTERATION IS									
		REDDISH - BROWN - GREENI IN COLOUR, IT IS 33			•						
		FRACTURED WITH <1/2" IN WINTH QTZ									
		FE- AND CO-CARBONATE UEINHETS. LESS THAN									
		125 HENATITE. SPECTROMETER READINGS									
		BACKGROUND. 250 MEDIUM-GRAINED DISSEMMATED									
		PYRITE, <150 CPY; < 1/2 50 PO; 350 SPECULARITE IN									
		VEINLETS.									
		AT 887 -> CREVICE (11') CAUSED MANY									
		DELAYS AND EVENTUAL CEMENTING.					<u> </u>				
		957-1098' VERY DARK GREEN, FINE GRAINED									
		DIORITE. 15 OTE G-AND FE-CARBONATE									
		NEINLETS (41/3" WIDTH) THROUGHOUT. 2-15%									
		FINE - TO MEDIUM- GRAINED DISSEMINIATED AND									
		NEINLETS OF PYRITE. LOCAL SECTIONS OF									
		. 15-20% PYRITE ENRICHMENT ARE NOT									
		NECESSARILY ALTERED NOR ASSOCIATED WITH				1					
	•	ATZ. HOWEVER, THOSE SECTIONS WITH AKTER-									
		ATION AND OFT CONTENT HAVE BEEN SAMPLED.			•						
										·	
		1098-1156' SANE AS 957-1098' WITHOUT									
	•	LOCAL PYRITIC ENRICHMENTS. THIS DIORITIC									
		UNIT HAS A WEAL DEVELOPED FOLIATION 160°									
		(1A) THUS MAFIC MINERALS HAVE BEEN FLATTENED.									
		LOCARLY. FAINT PINK AKTERATION WITH A									
		LITTLE HEMATITE IS PRESENT.									
		<u>A de la Construir de la Colo de la Construcción de Colonidades en enconstruir en enconstruir en enconstruir en e</u>				1	<u>}</u>		1		

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FEE	T	DESCRIPTION	SAMPLE	FE	ET	LENGTH	ASSAYS
FIOM	10		NO.	From	To		<u> </u>
1126	//18	DEFORMED MAFIC UNIT 1162-1178	46+8	11/02.	1165	3	0.003
		IT IS MEDIULY-GREEN IN COLOUR, FINE-GRAINED AND	9658	1160	167	$\frac{\alpha}{2}$	0.006
<u> </u>		MODERATELY FRACTURED WITH FE- AND CA-CARBONATE	76.59	16 t	1167	a l	0.015
· · ·		VEINLETS (PINKISH) THROUGHOUT. EPIDOTE IS ABSEN.	7660	1169	////	X I	. 0.001
		LESS THAN TO MEDIUM-GRAINED PYRITE MAGNETITE	4661	//_+/	1178_		
·		SPECULARITE (2/2 20) DISSEMINATED THROUGH UNIT.		h		<u> </u>	
		1165-51178 HAVE BEEN DISORGANIZED AT DRILL					
		SUE THEREFORE THEY ARE ON RELIABLE.					
		11+1 > 6' OF GROUND CORE.					
170	101570	ALTERTA AND DECRAMENT OF MELETRAL LINE					
	12/bit	ALTERED. AND DEFORMED SEDIMENTARY UNIT.	0//0	1170	1) Col		
		1178-1181 SHARP CONTACT. PAKE GREG-GREEN	7662	1178	//8/	J	0.21
	7	BRACK - ORANGE - PINK SCHIST. SIXTY PERCENT SPRICIE					
		2035 SILICIFIED, POSSIRA 9 FRAITENED FELDSPATAL					
		CLASS WITH FE- AND G- (HRBONATE (PINKISH)					
		OTTAG FABRIC OF TO 610 ENTREPERY FINE-					
		GRAINED PYRITE ALONG SERICITE SEAMS WITH		·			
		OCASSIONIAL COMPLE- GRAINS THROUGHOUT ONIT.					
		FOR TATION 65° CTA.					
					<u> </u>		
		Hall HELL DE HELL		iGI	UCal		
		$\frac{1181 - 1189}{1000}$ (AS 11+8' -1181	966.3	1/8/	1189	3	D_:>*?
		<u> 84- 87)</u>					
			01100		116-0 411		
		1187-1189-9 (HI) UNIT & MULTICOLOUKED WITH	4665 _	118 F	<u>]/KY,Y"</u>	2.9"	
		BLACK - BROWN - JEALOWILH - ORANGE - PINK- DARKRED-				-	
		LIGHT TO MEDIUM GREEN. 11 D WELL FOR/A/ED					
		WILH FE- HND La- LAKKONATE UEINKELS CROSS-					
		ULIING FOR HITON. HEITHTITE, GREEN MICH,			•	-	
		HLOKILL SEKICILE SIRINGERY AND HEMATITIC			·····		
		BRECLIN FRAGMENIS (4020) THROUGHOUL TWO					
		PERCENT FINE (ARMINED PYRITE, STO SPECULARIA					
		HND VOSSIBLY SPHENERIE. SPECTROMEJER -> 400-600CPM.					

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FEE	ET		SAMPLE	FE	ET	LENGTH	ASSAYS	· ·
From	To	DESCRIPTION	NO.	From	То		Ault	
· · ·		1189.9" - 1192.3" THIS UNIT IS A MIX BETWEEN	9666	1189.9"	11923*	2.6"	0.00%	
		1187-1189.9" AND 1178'-1181' WITH 12 FINE-						
		GRAINED PYRITE.						
	•	1192.3" -1197.6" AS 189.9" - 1192.3" EXCEPT SERICITE	9667	1192.3"	1194.5"	23"	0.659	
		IS ABSENT.	9668	1194.5"	197.6"	3.1"	0.005	
				·				
		1197.6" - 1200 WELL FOR IATED DARK BROWN-BLACK-	9669	1197.6"	1200	2.6"	500.0	
		WHITE COLOUR ROCK. TWENTY- FIVE PERCENT WHITE.					· · · ·	
		BRECCIATED ATT. UEINKETS AND JOG SIKICIFICATION.						
		BLUISH BLACK, THIS UNIT IS VERY HARD AND IS.						
		WEAKLY MAGNETK WITH UP TO 20% DARK BLUISH.						
		BLACK MINERAL WHICH IS DARK BROWN WHEN						
		SCRATCHED (SPHAKERITE ?) IN VEINLETS, FOUR						
		PERCENT NEDIUN- TO FINE- GRAINED PURITE AS						
		DISSEMINATIONS AND VEINLETS.						
		· ·						
		600-607 A.S 1197.6" - 1300 PRESENT AS A MINOR	9670	1500	1202	る	0.003	
		COMPONENT IN A MEDIUM-GREEN FINE-GRAINED	9671	1202	1204.6	2.6"	6256	
		ROCK AS DESCRIBED 1156-1178 WITH <150	9672	1204.6"	1207	216"	6.015	
		FINE- GRAINED DISSEMINATED PYRITE.						
		· · · · · · · · · · · · · · · · · · ·					-	
		1207-1310 AS 1200-1207 BUT WITH AN INCREASE	9673	1207	1210	3	0.052	
		W SERICITE (305) BRECCIATION AND SILICIFICATION						
		(3050). MINUTE JASPER ? OR CINNABAR ? FRAGMENTS						
		VISIBLE. UP TO 930 EXTREMELY FINE- GRAINED			·			
		PYRITE ALONG SERICITIC SEAMS.						
	•	1210-1212 THIS IS A TRANSITION UNIT BETWEEN	9674	IZIO	IZIZ.	$\overline{\mathcal{A}}$	0.05	
T		1307-1210 AN 1212-1216.7.		_				
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FEE	T	DECODIENTON	SAMPLE	FEE	7.	LENGTH		ASS	AYS		
From	To	DESCRIPTION	NO.	From	To			Aul	Γ	1	
		1212-1216.7" PALE GREEN -GREY-WHITE SCHIST.					ĺ				
		SERICITIC CONTENT 40%, OTZ AND SIKICIFICATION	/								
	-	3.5%, UP TO DOS EXTREMENTY FINE-GRAINED	9677	1216.7"	1218.3"	1:8"	1	0.013			
		PYRITE MOSTRY IN SERICITIC UEINLETS BUT ALSO								<u> </u>	ļ
	•	IN STAICIFIED SECTIONS. PYRITE IS DISSERIMATED								<u> </u>	
		WITH THE OCCASSIONAL VEINLET.									
										<u> </u>	
					-						
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		DIAMOND DRILL RECORD & LOG									
LOCA	TION: B	ROOKBANK WEST GRID PROPERTY: METALORE	RETO	URCES	Lo			HOLE NO:	84-B	41-A.	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE: DE	1+00W DEPARTURE: 6+755 LENGTH: 430 -63% CORE SIZE: NO -17/8" 349° DIP TESTS:	ELEVATIO DRILLED DRILLED	DN: _DO BY: B FOR: <u>M</u> NT ~CN	EFLE Lad Jetal	<u>CTION.</u> ley Bu on lese - 857'	- ss Fo unces (11')	CLAIM NO. SECTION: LOGGED BY DATE LOGGI	TB o Bail	2903 8 - Kour 2.131	r Ablei 284
SP	ECTR	OMETER BACKGROUND (K) READING YUDC. p.M.	·		-						
From	TRES	DESCRIPTION	SAMPLE NO.	METH From	ES To	LENGTH		AS: A.tr	SAYS	{	
700	820										
179	837	MASSIVE HOMOGENEOUS COARSE GRAINED				-					
		WEAKLY FRACTURED WITH OTZ, FC- AND CO-CARB-			•						
	ļ	ONATE VEINLETS THROUGHOUT LESS THAN 13.					·				
	╄━	EPIDOTE VEINLETS PRESENT LESS THAN 13 MED-									
 	+	JUN-GRAINED PORITE DIORITE DIMANETIC.	·			-					
		839 - 848 GROUND CORE VERY WEAKLY									
		MINERALIZED					·				
	957 -	ALTERED DIORITE WITH KENNANT TEXTIRE UISTBLE	<u> </u>								
		THROUGH ALTERATION.							1		
	<u> </u>					_					
		THIS DURITE IT IS MODERATCH FOR TURED INTH				_				·	
	†	OTT. Ca- AND FR- CARRONATE LIFINLETS, CHLORITE.									
		AND & WEAKLY MAGNETIC. LESS THAN 150 MEDIUM-				·		· ·			
		GRAINED PYRITE IN DISSEMINATIONS AND THE		.			_				
	<u> </u>	OCCASSIONAL VEINLET.		 		_					·
		857-940 SANDY (BROWNALICH- DIALK) ALTERATION	-				<u> </u> -				
	1	INITH NUMEROUS VEINLETS OF RILLA WHITE OT ?		1			<u>├──</u>			·	i
	1			1						1	Ι.

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MET	RES	DESCRITICN	SAMPLE	MET	RES	LENGTH	 ASSAYS		
From	To	DESCRIPTION	NO.	From	То	1	 AulT.		
		3% SPECULAR HEMATITE VEINLETS; 4-10% FINE					 		
·		TO COARSE GRAINED PYRITE IN DISSEMINIATIONS.							
	· .					·			
· .		957 - 1081 VERY FINE-GRAINED, VERY DARK					 		4
	•	GREEN DIORITE. IT IS HARD AND WEAKLY					 		
		FRACTURED WITH QTZ - CO - AND RE-CARBONATE (PINKISH)					 		
		VEINLETS THROUGHOUT. IT IS WEAKLY MAGNETIC.					 	·	
·		LESS THAN 12 COARSE-GRAINED PURITES IN			-		 		
		ISOLATED SECTIONS.				ļ	 	· .	
		1008-1010 QTZ VEINLET OKIENTED					 		
		DOWNDIP WITH 230 VERY COARSE-GRAINED PYRITE.				<u> </u>	 		
		IDEL 1150 NATION A TRAVE A TRAVE				├ ───── <u></u>	 		
		1081-1152 MAFIC MINERANS BECOME PROGRESSIVELY				<u> </u>	 		
		FRATTENED THUS RESOLVING IN A MODERATERY					 		-
		WELL FORTATED SECTION (65° C/A). DIORITIC AN-				<u> </u>	 		╶┽────┫
		EKATION IS FIBSENT. EPIDOTE IS IMBSENT. IT IS				<u> </u>	 		
		MAGNETIC WITH <1220 MISSERINATED COARSE- GRAINEN					 		÷
		PURICE CREAT OLOUR TELDIPARS (19 TUSIZE)					 		- <u> </u>
<u>├</u>		TAKOUGH ISOLATED SECTIONS OF BREECHTED NORTE.				┼───┤	 ┉╍┥╍╧╶╾╴┤╌		
		AT TITE-TIP A & SECTION WHICH D					 		-
		CE CARRONATE NEINVETC LESS THOUL 4.5					 	· · · · · · · · · · · · · · · · · · ·	+
		FINE- TO MCDUDE CORDUCE PUBLICA PUBLICE					 		+
		AT 1082 H" EFETIAN AF BRECK LATEN)				<u>+</u> +	 		+
		THE INTE HEALY CANCENTRATION OF DRECCHATED &				<u> </u>	 		+
		PRIMEN PURITE IN WALLPORK			•				+
· · · ·		AT 1087 · A 1' (ECTINA) WHICH IS REFECTIATE					 	•	
		WITH A MAZER OF ATZ FE- AND (CAPBONIATE				+	 		
	•	VEIALETS LESS THAN 45 EINE- TO MENUM-			•				1
		GEDINICA PUDITE					 		+
	<u> </u>	AT / N R q - 1091 AS 1087				<u>+</u> +			1
<u>├</u>		ALL THE ABOVE 41'-2' SECTIONS HAVE 42%							1
		HEMATITE SPECT READINGS BACKEDMUNN							
						1	 		1

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MET	RES	DESCRIPTION	SAMPLE	MET	RES	LENGTH		ASSAYS		
From	То		NO.	From	То			Au/T		
· · ·		ANTERED AND DEFORMED MAFIC UNIT ?								
		1153-1156 IT IS MULTICOLOURED UNIT WITH	10101	1153	1156	3	TR	TR		·
•		BLACK- BROWN - YELLOWISH - ORANGE - PINK - NARK								
	•	RED , LIGHT TO MENUM GREERI IN THIS WELL								
		FOLIATED UNIT FR- AND CO-CARBONIATE OTT		1						•
		VEINLETS (PINKISH), HEMATITE GREEN MICA (FUCHSITE)								
		CHLORITE SERICITE STRINGERS. LESS THAN 12/0			·					
		MEDIUM- GRAINED PURITE AND 15 STRINGERS OF							· ·	
		WHAT COULD BE V. FINE GRAINED SPHALFPITE (?) WITH								
		MAGNETITE, GENERANLY ROCK IS SOFT.								
		1156-1158 HOMOGENEOUS, SOFT MEDIUM-GREEN MAFIC	10102	1156	1158	2	TR			
		THAT IS MODERATELY FRACTURED. VEINLETS OF OTZ	•							
		Fe- AND Ca- CARBONATE (WHITE > PINKLSH) THROUGHOUT								
	-	KESS THAN 1/2 TO DISSEMINATED MEDIUM- GRAINED PYRITE.								
-										
		1158-1161.3" THIS SECTION IS A MIX BETWEEN	10103	1158	1161.3"	3.3"	TR			
	-	1153-1156 AND 1156-1158 WITH 3% SILICIFICATION								
		(BLUISH - BLACK) LESS THAN 12 FINE- TO MEDIUM-								
		GRAINED DISSEMINATED PYRITE HARDNESS 4-5								
		1161.3"- 1164.9" AS 1156-1158 WITH ISONATED ALTER-	10104	1161.3"	1164.9	3.6"	TR		· ·	
		ATION SECTIONS AS 1153-1156 ROCK IS SOFT				1				
		LESS THAN '1250 MEDIUM- GRAINED PYRITE	· · · · · · · · · · · · · · · · · · ·							
					•					
		1164.9" - 1167.6" AS 1161.3" - 1164.9"	10/05	1/64.9"	1167.6"	2.9"	TR			
	**************************************									1
		1167.6" - 1170.6" ALTERATIONS AS 1153-1156 BUT MATRIX	10/06	1167.6"	1170.6"	3.0"	0.002			
		IS DARK GREY BROWN IN COLOUR WITH 405								
		BRECCIATED HEMATITIC FRAGMENTS. IT IS SILICIFIED 78								1
1		WITH 150 FINE- TO MEDIUM- GRAINED DISSEMINATED								
		PYRITE SPECTROMETER REANINGS BACKGROUND	-							
						1		1	1	

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METRES		DECODIDETON		METRES		LENGTH	ASSAYS			
from To	To	DESCRIPTION	NO.	From	То			AylT		
		1170.6"- 1172.6" AS 1167.6"- 1170.6" BUT WITH 30%	10/07	1170.6"	1172.6"	2		TR		
-		SILICIFICATION ROCK IS VERY HARD AND 25% BLUISH								
		BLACK IN COLOUR. 6% MEDIUM. TO FINE GRAINED				•			1	
		DISSEMINATED PYRITE SPECTROMETER READINGS	1				1			10
	•	BACKGROUND.					1			
		1172.6"-1175 ALTERATIONS AS DESCRIBED AT	10108	1172.6"	1175	2.6"		TR		
		1153-1156 WITH DARK GREY-BROWN MATRIX AND			·					
		35 FINE- GRAINED DISSEMINATED PURITE HEMATITIC	1			1				
		FRAGMENTS HAVE DECREASED TO 10%								1
			1							
				11						
		1175-1177.6" AS 1172.6"-1175 BUT 45%	10109	1175	1177.6"	2.6"		TR		
		SILICIFIED WITH 4/2 MEDIUM- GRAINED PYRITE	1							
		DISSEMINATED THROUGHOUT.								1
										1
		1177.6"-1179.4" TRANSITION ZONE IT IS A MIX	VOUD	1177.6"	1179.9"	1.10"		0002		1
		BETWEEN 1175-1177.6" AND 1179.4"- 1182.4"								
		42% EXTRI FINE GRAINED DISSEMINIATED CYRITE							1	
			1			1		·		
		179.4" - 1182.4" ALTERED AND DEFORMED SED-	10/11	1179.4"	1182.4"	3		0.024		
		IMENTARY UNIT (?) SHAPP CONTACT PALE GREY.						William -		1
		GREEN - BLACK - ORANGE - PINIK CCHIST FOBTY				1		<u> </u>		
		PERCENT SERICITE , 20% SILICIFIED, POSSIBLY						1		
		FLATTENED FELDSPATHIC (LASTS WITH FE- AND								
		CG- CARBONATE (PINKISH) (ROSS- (UTTIALE CLASTEAND)						<u> </u>		1
	·	FARRIC. 22 EXTREMENT FINE- GRAINEN PYRITE OLDANG			•					
		CHLORING - SERICITIC SEAMS.								
										1
								<u> </u>		
			t				1	<u> </u>		
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MET	RES	DESCRIPTION	SAMPLE	METRES		LENGTH		ASSA	YS	······	
From	To		NO.	From	То						
		1182.4"-1185.6" AS 1179.4"-1182.4" BUT 30-40%									
		SILICIFIED AND 3% EXTREMELY FINE-GRAINED PYRITE.								-	
		DISSETTINATED AND IN STRINGERS.				•					
	•	1185.6"-1188.6" THIS SECTION IS A MIX BETWEEN									
		1179.4"-1182.4" AND 1167.6"-1170.6". IT IS MODERATELY									
		HARD PALE GREY-GREEN - BLACK AND ORANGE-RED									
		FRAGMENTAL. 230 EXTREMELY FINE- GRAINED PYRITE									
		AND 4-8% BLUISH-BLACK MINERAL (DARK BROWN					1				
		WHEN SCRATCHED SPHALERITE?) < 1/2 SPECULARITE									
		AND < 120 FINE - GRAINED MAGNETITE. 25% SILICIFIEN									
		1188.6"- 1191.6" · AS 11856"-1188.6" 415 EXTREMENY	10114	11886"	1191.6"	3			Í		
		FINE-GRAINED DISSEMINATED AND IN VEINLETS PURITE	· ·								
		62 BLUISH-BLACK MINERAL. IT IS 40% SILICIFIED.									
		1191.6"-1194.6" LERY HARD DARK BROWN-BLUE-BLACK	10/15	1191.6"	1194.6"	J.					
		ROCK. 10% SILICIFIED IT IS WELL FOLIATED 65°C/A			_						
		WITH FE- CARBONATE HEMATITE, BLUISH-BLACK MINERAL									
		DEFINING FOLIATION. IT IS ALSO WEAKLY BRECCIATED									
		UP TO 5% FINE- TO MEDIUM-GRAINED PYRITE.									
		1194.6"-1197 AS 1191.6" - 1194.6" WITH UP TO 23	10116	+194.6"	1197	2.6"					
		FINE- TO MEDIUM- GRAINED PYRITE.									
		1197 - 1200 AS 1167.3" - 1164.4" WITH 23 MED-</td <td>10/17</td> <td>1197</td> <td>1200</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td>	10/17	1197	1200	3					
		GRAINED PYRIZE AND 23 BLUISH BRACK MINERAL.									
		RICK IS SOFT AND MEDIUM-GREEN IN COLOUR, IT									
	•	LS MODERATELY EOLIATED					1				
								1			
		· · ·			-						
			· · · · · · · · · · · · · · · · · · ·				1				

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MET	RES	DESCREPTON	SAMPLE	METRES		METRES		LENGTH		ASSA	vs		
From	To		NO.	From	То					ļ			
•		1200-1203 MODERATELY SOFT MEDIUM-GREEN	10/18	1200	1203	3							
		ROCK AS 1161.3"- 1164.4", IT HAS BOUDINAGED MILKY-									1		
	•	WHITE OTE VEINLETS AND BUUISH-BLACK MINERAL				·			!				
		ALONG FOLIATION (65° C/A). < 1/2 30 MEDIUM- (RAINED									1		
	•	PURITE NS SILICIFIED.											
		63- 1205.6" AS 1200-1203. BLUISH-BLACK MINERAL	10/19	1203	1205.6	26"				1			
		CROSS-CUTTING (KINK BANDED) MAIN FOLIATION)			
		1205.6"-1208.6" AS 1200-1203 EXCEPT 20% SILICIFIED	10/20	1205.6"	1208.6"	3							
		AND FEW MINUTE JAJPER FRAGMENTS. 320 SPHALERITED)					_					
		AND 2% SPECULARITE CROSS-CUTTING FOLLATION.											
		10.6*											
		1208.6" - 1309.2" AS 1200-1203 WITH AN INCREASE IN											
		SILICIFICATION (35%+)AND IN SERICITE. JAIPER											
		FRAGMENT ULSIBLE (HAS BEEN ELATTENED BY SHEAKING)					-						
		THIS SCHIST IS A TRANSITION UNIT BETWEEN									1		
		1205.6" - 1208.6" AN 130" 1512.2", 4-5%					1				!		
		EXTREMELY FINE GRAINED PURITE ALDING CHINRITIC								1			
		AND SERICITIC SEAMS.					1						
		· · ·											
		1210.6"- 1213.6") PALE GREEN-GREY-WHITE SCHIST.		·									
		1213.6" - 12/6.6" SERICITE CONTENT 40%. GTZ AND	10/23	1213.6"	1216.6"	3							
		SILICIFICATION 35-45% UP TO 20% EXTREMELY											
		FINE- GRAINED PURITE MOSTLY IN SERICITIC VEINIETS									····		
		BIT ALSO IN SILICIFIED SECTIONS PUBLITE IS									••••••••••••••••••••••••••••••••••••••		
		NISSEMINATED WITH THE OCCASSIONIAL VEINILET.											
	-						1			1			
216.6"	1229	SHARP CONTACT WITH POLYMICTIC METACONIGLOMERATE											
	<u>~~~</u> +	FELDSPATHIC OTZ AND TASPER CLASTS IN A SOFT									·		
		MENIUM-GREEN HATRIX MATRIX IS WEAKLY REFECCIATED											
FDH		WITH WHITE FRAGMENTS IT IS MODERATE TO WEAKING					<u>I</u>				الهيدة فيدارب بمناطقاتهما		
		FOLIDIED < 12 MEDIUM- CRAINED PYRITE FR- AND	- CAR	BULAT	E LIEI	WIFTS	THROUM	HOIT	MA+	RIX	<u> </u>		
		$1 \circ \kappa / \sigma / \epsilon v = 1/\delta - 1/\delta v (v + 0) + 0 = 0 = 0$	<u>~///~/</u>										

		DIAMOND DRILL RECORD & LOG										
LOCA	TION: B	HOL	E NO:	<u>84-6</u>	<u>341-B</u>							
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:	1/+00W DEPARTURE: 6+755 LENGTH: 166 3/2° CORE SIZE: NQ-17/8″ DIP TESTS:	ELEVATIO DRILLED DRILLED	DN: <u>DE</u> BY: <u>B</u> FOR: <u>2</u>	FLEC Lade	TION ley BU Less	est of		IM NO. TION: GED BY: E LOGGE	<u>18</u> Bau D: 00	<u>29038</u> <u>F.Kou</u> F.I.J.	n Ablu IL
SP	<u>ECTRE</u>	METER BACKGROUND (K) KEADING 4000.p.m.	- <u></u>		-							{
ME	TRES	DESCRIPTION	SAMPLE NO.	METR From	ES To	LENGTH			ASS	JAYS		
1055_	1149	MASSIVE, HOMOGENEOUS, FINE-GRAINED DARK										
		GREEN DIORITE. II IS MODERATELY FRACTURED			· · · · · · · · · · · · · · · · · · ·			· ·	<u> </u>			l
·	·	NTHE FE - AND G- CARBONATE (PINKINA) TAROUA-			<u> </u>							
		UCH, 11 IS HODERIATER, J HARD WITHV. FAINI	·····									<u> </u>
	┼╾	FRINTE CONTENT < 425 LESS THAN 1 1/2 50 ENG		· · ·					·		í -	
• <u></u>	+	TA MEDIUM - CROINSED PUPITE (DISSEMINIATED) AND			- <u></u>						[]	
	<u>+</u>	<12 SPECULARITE TOWARD THE END OF THE			<u> </u>			1	1			
		UNIT THE MARIC MINIERALS RECOME MORE					 .		1.			
		FLATTERICO THUS PESULTING IN A MONEDOTELY				1		1	1			1
• • • •		VEN FOLIDIED SECTION (B5°C/A), DIORITE IS		· ·				1	1			
	· ·	MAGNETIC, SHARP CONTACT WITH NEXT UNIT	-		· <u> </u>			· [-		-	
		<u>مىسىمى بىرى لىل 1</u> 2 مى ئىكىس مەلىيا <u>ن كى ت</u> اخىر 14 ئىلامىن باسىرىسان تىلىكى تەركىكى بىيا ئىز استىلىنىڭ رىيىسى مەت						1	-			
1149	1174	DEFORMED MAFIC UNIT.				1						
		IT IS MEDIUM GREEN IN COLOUR AND IS FINE.						1	1	[]		
		GRAINED. IT IS MODERATELY FRACTURED WITH ATZ-							1			
· · ·	1	FE- AND Ca- CARBONATE VEINLETS (PINKISH)				·			·			
		THROUGHOUT. EPIDOTE 15 ABSENT. LESS THAN 15										
		MEDIUM- GRAINED P. SRITE (YELLOW ISH) DISSEMINATED										·
		IT IS WEAKLY MAGNETIC AND FINE-GRAINED										
		SPECULARITE <1/250 DISSEMINATED THROUGH UNIT.										
		1	ł	1		I	1	1	I	ł	1	1

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MET	RES	DESCRIPTION	SAMPLE	METRES		LENGTH	ASSAYS	
From	То	ALTERED AND DEFORMED THAFIC UNIT.	NO.	From	То		Au/T.	
		1153.6-1157 IT IS MULTICOLOURED UNIT WITH	10134	1153.6	1157	3.6"	9.72	
		BLACK - BROWN- JELLOWISH - ORANGE - PINK - DARK RED.		l				
		LIGHT TO MEDIUM GREEN IN THIS WELL FOLIATED				·		
		UNIT. FE- AND Ca- CARBONATE VEINLETS (PINKISH),		•		ļ		
	•	HEMATITE, GREENMICA (FUCHSITE), CHAORITE, SERI-						
		CITE STRINGERS LESS THAN NO FINE-TO MEDUN-						
		GRAINED PYRITE SPHALERITE? (D. BROWN TO BLACK)						
		IN VEINLETS < 410. GENERALLY ROCK IS U. WEAKLY						
		MAGNETIC AND IS SOFT.						
		1157 - 1158.6" AS 1153.6- 1157	10135	1157	1158.6	1.6"	0,20	
		1158.6-1160 HOMOGENEOUS, SOFT MENUM-GREEN	10155	1158.6"	1160	1.6.	0.1	
		MAFIC THAT IS MODERATELY FRACTURED. LEINLETS						
		OF QTZ FC- AND Ca- CARBONATE (WHITE > PINKISH)						
		THROUGHOUT: NESS THAN Y26 DISSEMINATED					<u></u>	
		MEDIUM-GRI INDIPURITE.						
		1160 - 1164 AS 1158.6"- 1160 WITH ANTERATIONS	10136	1160	1164	4		
		AND FOLIATION DESCRIBED AT 1153.6"-1157.						
		LESS THAN 1250 DISSEMINATED FINE-GRAINED PYRITE						
		AND <20 VEINLETS OF FINE- GRAINED SPECULARITE						
		1164-1166 AS 1153.6"-1157 WITH UP TO 10%	10137	1164	1166	2		
		FINE-GRAINED DISSEMINATED PURITE SPECULARITE						
		IN MINUTE VEINLETS.			•			
		1166 - 1168 AS 1153.6" - 1157 WITH NOSO BRECCIATED	10138	1166	1168	2		
	·	HEMATITIC ERAGNENTS. TWO PERCENT FINE-			•			
		GRAINED DISSEMINATED PYRITE, SPECULARITE, < 13						
		SPHALERITE (3.). SPECTROMETER READINGS 400-600.p.m.						
					- -			
1						! i	i i i i	1

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MET	RES	DESCRIPTION		LE METRES		LENGTH	NGTH ASSAYS			
	10	1169-1171 AC 11/1 11/0 RIT , TH 225 SILIS	NO.	From		2				
		1100-1171 HS 1160-1168 DU/ WILH SO/6 SILICIF/CAT/OU	10137	1168	117/					
		IS MENNING TO EVALE CRAINED NECLEVILLATER PURCH		<u> </u>	- L					
		128 LIEDIVITE LO FINE - UKAINED DIDENINALED MORIZE.			·					
	•	1171-1174 AS 1153.6"-1157 WITH 302 SILICIFICA-	10/40	1171	1174	3				
		TION. IN ISONATED SECTIONS (IP TO 3% MENUM-		<u></u>						
		GRAINED DISSEMINATED PYRITE.								
1174	1212.5"	ALTERED AND DEFORMED SEDIMENTARY UNITED								
		1174-1177 SHARP CONTACT. PALE GREY-GREEN	10141	1174	1177	3	$G(2, \ldots, \cdot)$			
		BLACK - ORANGE - PINK SCHIST. SIYTY PERCENT								
		SERICITE, 2010 SINICIFIED, POSSIBLY FLATTENED.								
		FELDSPATHIC CLASTS WITH FE-AND G-CAEBONATE			ļ					
		(PINKUH) CUTTING FABRIC. UP TO 63 EXTREMENY			<u> </u>					
		FINE - GRAINED PYRITE ALONG SERICITIC SEANS WITH		 	ļ					
		OCCASSIONAL COARSE - GRAINS THROUGH UNIT FOLLATION		<u> </u>	<u> </u>					
		1/27 $1/27$ $1/27$	101/2	1177	lich	2				
			10172	<u>IITT</u>	1100	<u> </u>				
		181- 1182 (" AS 1174 1127 THIS SECTION IS A	10/1/2	1190	IIP? 1	2/"				
		MIX BETWEENI 1174.	10/75	100	1100.6	41.6				
					<u> </u>					
		1182.6" - 1185 THIS SECTION IS A MIX BETWEEN	10144	182.6"	1185	2.6"				
		1174-1177 AND 1168-1171, SIX PERCENT U. FINE-								
		GRAINED TO MEDIUM- GRAINED PYRITE ALONG				1 1				
		SERICITIC SEAMS.								
					·					
		1185-1187 AS 11826" -1185 WITH UP TO 15%	10145	1185	1187	Z				
		PYRITE CONTENT AS DISSEMINATIONS AND MASSIVE								
	-	VEINLETS.			· · ·	ļļ				
┝────┤			10111	110-1						
ļ		1187-1189 HS 1168-1171 WITH UP TO 1010	10146	1187	1187	a				
		MYKITE CONCENT HS DISSEMINALIONS AND			<u> </u>					
		MASSING VEINLELS.				∤				

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MET	RES		SAMPLE	METRES		LENGTH	ASSAYS	
From	То		NO.	From	То		Aut	
		1189-1190.9" AS 1185-1187.	10147	1189	1190.9	[1.9"	011	
		1190.9"-1194 WELL FOLIATED DARK BROWN-BLACK-	10148	1190.9	1194	3.31		
		WHITE ROCK. TWENTY-FIVE PERCENT WHITE,						
	•	BRECCIATED OTZ VEINLETS AND 2050 SILICIFICATION						
		(BLUISH-BLACK). THIS UNIT IS VERY HARD. IT IS						·
		WEAKLY MAGNETIC, WITH UP TO 2013 DARK						
		BRUISH-BRACK MINERAL, WHICH BECOMES A DARK						
		BROWN WHEN SCRATCHED (SPHALERITES) IN VEINLETT						
		FOUR PERCENT MEDIUM- TO FINE GRAINED PYRITE						
		AS DISSEMINATIONS AND VEINLETS.						
		AS A NINOR COMPONENT						
		1194-1198 AS 1190.9"-1194 PRESENTAINA	10149	1194	1198	4		
		MEDIUM - GREEN FINE GRAINED KOCK AS DESCRIBED	1 A					
		1158.6"- 1160:						
		· ·						
		1198-1201.6" & AS 1194-1198	10150	1198.	1201.6	3.6"		
		1201.6"-1205 5	16151	1201.6*	1205	3.6 "		1
		1205- 1207.6" AS 1194-1198 BUT WITH AN INCREASE	10152	1205	12076	2.6"		
		OF SERI(ITE (30%) AND SINICIFICATION (30%)						
		MINUTE TASPERAFRAGMENTS VISIBLE. UP TO 9%						+
		EXTREMENTY FINE- GRAINED PYRITE ALONG SERICITIC						
		SEAMS.						
								+
		12076"-1210 / PAKE GREEN-GREY-WHITE SCHIST.	10/53	12076	1210	2.6"		+
		1210 - 12125" SERICITIC CONTENT 4020 OTZ AND						
		SILICIFICATION 35% UP TO 205 EXTREMELY						
		FINE- GRAINED PURITE MOSTLY IN SEDICITIC						1
		VEINIER RIT ALSO IN CILICIEN GETIANS DUDITE				<u> </u>		++
		IS DISCEMINATED WITH ACCOFCINIAL UCINI			<u> </u>			+
		IS USSELLIVE TED WITE OL FISTONAN DEINIET.						+
12125"	1221	SUDDE CONTACT PALYHICTIC NETACONICIDUTE PA	75	FOI		 		+
a19.	Iddl	STARL CONCILCT TORSHILLING TENTEURADITEAT	10	LUA		<u> </u>		+

LOCATION: <u>BROOKBAAK (UET GRID</u> LOCATION: <u>BROOKBAAK (UET GRID</u>) PROPERTY: <u>METALORE KESOURCES LT</u> INTINUE: <u>JEGO (DEPARTURE: 67755)</u> LINTINUE: <u>JEGO (DEPARTURE: 67755)</u> LINTIN: <u>GGO (DEPARTURE: 67755)</u> DIFTESTS: <u>ACD EST (2000)</u> RILLED PY: <u>BLOD (DEPARTURE: 67755)</u> RILLED PY: <u>BLOD (DEPARTURE: 67755)</u> COMPLETED: <u>GGI J'INY</u> FOOR TO <u>DESCRIPTION</u> <u>FECT</u> <u>FECT</u> <u>FECT</u> <u>DESCRIPTION</u> <u>IT77 - INO IT S MULTICOLOURED (UNIT UITH (DIB 1177 INO 3) 0.0566 <u>GLACK: BROUND</u>: <u>STALOUSTH ORACLED PART</u> <u>CAMPLE FROM TO CREATED INTEL UITH (DIB 1177 INO 3) 0.0566</u> <u>GLACK: BROUND</u>: <u>STALOUSTH ORACLED PART</u> <u>CAMPLE RED. INTEL AND CREETED INTEL UITH (DIB 1177 INO 3) 0.0566 <u>GLACK: BROUND</u>: <u>STALOUSTH ORACLED PART UETAL</u> <u>CAMPLE RED. INTEL AND CREETED INTEL UITH (DIB 1177 INO 3) 0.0566 <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>COMPLETED COLOR TO CREETED INTEL UITH</u> <u>IT77 INO IT S MULTICOLOUSTH ORACLED PART UETAL</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>COMPLETED COLOR TO CREETED INTELED PART UETALOUTH</u> <u>IT77 INO IT S MULTICOLOUSTH ORACLED PARK UETAL</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION CREETEN INTELED CLARED INTELED CLARED DISCRIPTION <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED CLARED DISCRIPTION</u> <u>CLARED CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED CLARED DISCRIPTION</u> <u>CLARED DISCRIPTION</u> <u>CLARED CLARED DISCRIPTION</u> <u>CLARED CLARED /u></u></u></u></u>	038 KOWAASE - 73 M84
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	0.38 KOWAASEA - 73 K984
EECT DESCRIPTION SAMPLE EECT LENGTH ASSAYS From TO TO TO TO TO TO TO 1177 11919 DEFORMED AND ALTERED MAFT MAFT UNIT TO TO 1177 11919 DEFORMED AND ALTERED MAFT UNIT TO TO TO 1177 11919 DEFORMED AND ALTERED MAFT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TO TO TO 1177 11900 TZ IS MULTICOLOURED UNIT UNIT TE TO TO 1177 11900 TZ IS MULTICOLOURED UNIT TE TE TO TO 1177 11000 TE TE TE TE TE 1177 11000 TE	
FEET DESCRIPTION SAMPLE FEET LENGTH ASSAYS 1/77 1/949 DEFORMED AND ALTERED MAFT 1/14FT 10/17 10 1 1/77 1/949 DEFORMED AND ALTERED MAFT 1/14FT 10/18 1/17 1/180 3 0.086 1/77 1/949 DEFORMED AND ALTERED MATTICOLOURED UNIT 10/178 1/177 1/180 3 0.086 1/177 1/177 1/180 3 0.086 1 1 1 1 1 1/177 1/177 1/177 1/177 1/177 1/180 3 0.086 1/177 1/180 1/177 1/180 1 1 1 1 1 1/177 1/180 1/177 1/180 1 1 1 1 1 1/177 1/180 1/180 1 1 1 1 1 1 1/177 1/180 1 1 1 1 1 1 1 1/177 1 1 1 1 1 1 1 1 1/177 1 1 1 1 1 1 1 1 1/177 1	
1177 11949 DEFORMED AND ALTERED MAFIC UNIT. 1177-1180 IT IS MULTICOLOURED UNIT WITH IDIAR 1177-1180 3 0.086 BLACK-BROWN-YELLOWISH ORANGE-PINK-DARK RED - LIGHT TO MEDVIM GREEN IN THIS WEAL FOLIATED UNIT. FE-AND CG-CARBONATE VEINLET (PLANKISH) HETATITES, GREEN MICA-CHLORITE, STRICTE STRINGERS, LESS THAN 18 F11XE-TO HEDIUM-GRAINED DISSETIMATED PYRTE. SPHAKEPRE (2) (D. BROWN TO BLACK) IN VEINLETS < 45. (ENGRALLY-ROCK IS VERY WEAKLY MAGNETIC HEDIUM-GRAINY ROCK IS VERY WEAKLY MAGNETIC	
IIITT IIIIII OCT CKNED HKTEKCU IIITTK UNTTK IDITK UNTK IDITK IITT IITT IIIIIII OCT CKNED IT IS MULTICOLOURED UNIT WITH IDITK IITT IISO 3 0.086 BLACK-BROWN-YELLOWISH ORDUGE PINK - DARK RED - LIGHT TO MEDUM GREEN IN THIS WELL IIITT RED - LIGHT TO MEDUM GREEN IN THIS WELL IIITT IIITT POLIATED UNIT. FE - AND CO - CARGONATE VEINLET IIITT (PINKISH), HETTATITE, GREEN MICH, CHKORITE, SEINLET IIITT SERICITE STRINGERS, ALESS THAN IS FILLE-TO IIITT MEDIUM - GRAINED DISSETIINATED PYRTE, SPHAKERTE(E) IIITT (D. BROWN TO BAACK) IN VEINLETS <455.	
III77-II80 IT IS MULTICOLOURED UNIT WITH ID178 II77 II80 3 0.086 BLACK-BROWN-YELLOWISH ORANGE-PINK-DARK RED-LIGHT TO MEDVIM GREEN IN THIS WELL POLIATED UNIT. FE-AND CO-CARBONATE VEINLET (PINKISH), HETIATITE, GREEN ITICA, CHLORITE, SERICIFE STRINGERS, LESS THAN I'S FILXE-TO MEDINA-GRAINED DISSETUNATED PYRITE, SPHALERTE?) (D. BROWN TO BLACK) INI VEINLETS <450. GENERALLY ROCK IS VERY WEAKLY MAGNETIC	k:
BLACK- BROWN- YELLOWISH -ORANGE-PINK- DARK RED - LIGHT TO MEDVUM GREEN IN THIS WELL FOLIATED UNIT. FE-AND CG-CARBONATE VEINLET (PINKISH), HETTATITE, GREEN MICA CHLORITE, SERICTE STRINGERS, ALES THAN IS FINE-TO HEDINIT- GRAINED DISSETTINATED PYRTE, SPHALERTE (?) (D. BROWN TO BLACK) INI VEINLETS <450. GENERALLY ROCK IS VERY WERKLY MAGNETIC HOD IS SOFT. (NO WER 2" AS WERE WERKLY MAGNETIC	_
RED - LIGHT TO MEDUM GREEN IN THIS WELL FOLIATED UNIT. FE-AND CG-CARBONATE VEINLETS (PINKISH), HETIATITE, GREEN TICA, CHLORITE, SFRICTE STRINGERS, LESS THAN I'S FINE-TO HEDIUM-GRAINED DISSETTINATED PYRTE, SPHALERTE(E) (D. BROWN TO BLACK) INI VEINLETS <450. GENERALLY ROCK IS VERY WEAKLY MAGNETIC HAD IS SOFT.	
POLIATED UNIT. FE-AND CG-CARBONATE VEINLET (PINKISH), HETTATITE, GREEN MICA-CHLORITE, SERICITE STRINGERS, LESS THAN IS FINE-TO MEDIUM-GRAINED DISSETTINATED RYRITE, SPHALERIE(E) (D. BROWN TO BLACK) INI VEINLETS <455. (D. BROWN TO BLACK) INI VEINLETS <455. (SENERALLY ROCK IS VERY WEAKLY MAGNETIC HOD IS SOFT. (NOD WED 2" AS UTT 100 (D. 100 WED 2" AS UTT 100	
(PINKISH), HEITHTITE, GRIED MICH, CHROKITE, SPRICITE STRINGERS, AESS THAN IS FINE-TO MEDIUM- GRAINED DISSETTINATED PYRITE, SPHAKERIE (?) (D. BROWN TO BRACK) INI VEINLETS <455. GENERARLY ROCK IS VERY WEAKLY MAGNETIC HWD IS SOFT. (USD USD 2", AS UTT 1990 (D. 1900 (D. 19	
SERICITES STRINGERS. LESS THAN THE FIDE-TO MEDIUM- GRAINED DISSETTINATED PYRITE. SPHAKERIE(E) (D. BROWN TO BRACK) INI VEINLETS <450. GENERALLY ROCK IS VERY WEAKLY MAGNETIC HND IS SOFT. (USD WEDD' AS WITH NOT WED'	·
MEDIUTT- GRAINED DISSETTION/ZED PARIC. SPARACRIE(E) (D. BROWN TO BRACK) INI VEINLETS <455. GENERALLY ROCK IS VERY WEAKLY MAGNETIC HAND IS SOFT.	
GENERALLY ROCK IS VERY WEAKLY MAGNETIC	
HUD IS SOFT.	
$\frac{1100}{110} = \frac{1100}{100} = 11$	
1100 1102 2" AC 1177 1100	
1183.3"- 1185.9" AS 1177-180' WITH JOL SILICIFI- 10180 1183.3" 11859" 2.6" OO16	• • • •
CATION AND <15 MEDIUM- TO COARSE-GRAINED	
PYRITE.	
1185.9"-1188.7" HS 1177-1180" BUT IS UERY WELL 10181 1185.9" 1184.7 2.10" 0.014	
FORTHIED HUD STRONGER DEVEROPPIENT SF	

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HOLE NO: 84-34/-C

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PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 2 OF 4

Fe	ET.	DESCRIPTION	SAMPLE	FEET		LENGTH	 ASSAY	<u>S</u>	· .
From	То		NO.	From	То				
		PERCENT SILLCIFICATION AND 15 FINE - TO HENNIM.							
		GRAINED DISSETVINATED PURITE.							
						•			
		1188,7"- 1191,3" AS 1177-1180 WITH 40% BREC-	10182	1188.7.	/19/.3"	2.8"	 TR		
	•	CIATED HENATITIC FRAGMENT AND POSSIKKY							
		CINNIABAR TWO PERCENT FINE GRAINED DISSEMINT							•
		ATEN PYRITE SPECULARITE . <12 SPHAKERITE (?).							
		SPECTROMETER BEADINGS 400-600C.P.N.			•				
								·	1
		1191.3" - 1194.9" AS 1188.7" - 1191.3" BUT WITH 302	10183	1/91.3"	1194.9"	3.6"	0.002		
		SILICIFICATION LOCALLY AND UP TO 3% HEDINH-							
		GRAINED DISSEMINATED PYRITE, ROCK IS WELL FOR ATED							
		WITH SERICITE CINNARAR (3) GREEN MICA.							
		HEMATITE.							
	-								
1194.9"	1240	NEFORMED AND ALTERED SEDIMENTARY UNIT (3).							
		1194.9" - 1198,1" SHARP CONTACT. PAKE GREY-GREEN-	10184	11949"	1198.1"	3.4"	0.010		
		BLACK - ORANGE - PINK SCHIST. SIXTY PERCENT							
		SERICITE & 20% SILICIFIED POSSIBLY FLATTENED							
		FERDSPATHIC CLASTS WITH FO- AND CO. CARBONATE							
		(PINKISH) CROS-CUTTING FABRIC, UP TO 6%							1
		EXTREMELY F.G. PYRITE ALONG SERICITIC SEAMS.							
		WITH OCCASSIONAL COARSE-GRAINS THROUGHOUT.							
	•	FOLIATION 65° CIA).							
					·				
		1198,1"- 1201.1" UFRY WELL FOLIATED PALE GREY	10185	1198,1"	1201.1"	3	 0.036		
		GREEN (40% SILICIFIED) PALE ORANGY PINK WITH							
		OCCASTIONIAN DARK GREEN (CHADRITE VEINILETS).			•				
		TEN PERCENT EXTREMELY FINE-GRAINED TO FINE.							
		GRAINED DISSEMINATED PYRITE.							
									1
					,				
						1 1	 1 1		

HOLE NO: 84-841-C

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PROPERTY: METALOXE RESOURCES LTD

PAGE NO: 3 OF 4

FEE	T	DESCRIPTION	SAMPLE	FEET		LENGTH	ASSAYS	·
From	To		NO.	From	То			
		1201. 1"- 1203. 7" BROKEN CORE - APPEARS TO BE	10186	1201.14	Q037"	2.6"	0.006	
		SMILAR TO 1198, 1" - ROI. 1".						
			10 1017	10	10 CT	·		
		203. 7" - DOS. 7" THIS SECTION IS A MIX BETWEEN	$1018 \pm$	603.F	602.f	<u>a</u>		
		1194.9" - 1198, 1" AND 1191.5" - 1199.9" SIX PERCENT						
		U.FINE- TO MEDIULY- GRHINED PYRITE ALONG						
		SERICITIC SEAMS, AND PORTIC DEMOLENS.						
·		122574 122874 AS 122774 125741174 125	1-15/0	b. ~ 7 (10 0 C 711			
		1203.7 -1200.7 HJ 1203.7 -1203.7 WITH UP70	$VOI8X_$	/202.7	Q08,7"	3		
		MASSING (DN/EN/ AS UBSEIT/NA/TONS AND						
		$\Pi \pi \mathcal{D} \mathcal{N} \mathcal{L} = \mathcal{V} \mathcal{L} \mathcal{D} \mathcal{L} \mathcal{L} \mathcal{D} \mathcal{L} \mathcal{D} \mathcal{D} \mathcal{D} \mathcal{D} \mathcal{D} \mathcal{D} \mathcal{D} D$						
		12087" - 1211.1" AS 1037"-12057" INTU (>-	10189	W08.7"	121114	24"		
		NISSEMINIATED AND UFALLETS OF CYRITE THIRTY	10101					
		PERCENT SILICIFICATION.						
		1211.1" - DIZ.9") PALE GREEN-GREY-WHITE SCHIST.	10190	1211.1."	1212.9"	1.8"	0.048	
		1212.9"- 1214.9" SERICITIC CONTENT 40%. OTEAND	10191	1312.9"	1214.9"	2	0.006	
		SILICIFICATION 35%, UP TO 20% EXTREMELY F.G.						
		PYRITE MOSTLY IN SERICITIC VEINLETS RUTALSO						
		IN SILICIFIED SECTIONS. PYRITE is DISSETIINATED						
		WITH OCCASSIONAL VEINLET.					·····	
		1214.4"- 1218.9" BROWN-BLACK BRETCIATED FRACTIEDS	10192	1714,9"	1218,9"	4,0	TR	
	•	PRESENT AS A MINOR COTPONENT IN A MEDIUM-						
		GREEN F.G. ROCK AS DESCRIBED AT 1177-1180. IN					·····	
		THIS SECTION THERE IS AN INCREDIE OF SERICITE						
	<u> </u>	(30) THU SILICIFICHTION (30%) MINUTE CINNABOR						
		FRAGMENTS OGSPERSED, LOCALLY, UP TO 16			•			
		KXIKEITELY F.G. PYKITE ALONG SERICITIC SEPITS.						
		1218,9"-1222.3" HEDIUN-CREEN PANE-GRAMIEN	10193	12/8.9'	12223"	36"	TP	
		ROCK WITH MINOR ALTERATIONS AS DESCRIBED A	7 1177	-1180.				_
*			·	<i>n</i> 5				_

HOLE NO: 84-841-C

PROPERTY: METALOKE RESOURCES LTD

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FE	ET. To	DESCRIPTION	SAMPLE NO.	E FEET LEN From TO		LENGTH		ASSAYS			
		1222.3" - 1224.1" SILICIFIED L. BEIGE COLOUR,	10194	12223	1224.1	1.10"	·····	TR			
		WELL FOLIATED (65°C/A) ALTERED ROCK WITH DARK									
		GREEN (CHADRITIC) JEINILETS FOLLOWING FOLIATION.				•					
								ļ			·
	•	1224.1"-1226 AS 1218.9"-1222.3" WITH 820 UERY	10195	1224.1"	1226			TR			
		FINE-GRAINED DISSETTINATED PYRITE.							ļ	<u> </u>	ļ
											<u> </u>
•		1226 - 1230, 10 175 $12/4, 9'' - 12/8, 9''$	10196	1226	1230,10	4.10"		ĪR			
	m 10		VN95	1230.10	12 52.10	20		TR			
	DAU JUNI								<u> </u>		├ ┨
	EUH_				-						<u> </u>
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ï		DIAMOND DRILL RECORD & LOG							· .			
LOCAT		BROOKBANK WEST GRID PROPERTY: METALORE	REJOU	RES	LTD			HOLE	NO:	B	12	<u></u>
LATIT INCLI AZIMU STARI COMPI PURPO	UDE: / IN: JTH: TED: LETED: DSE:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ELEVATIO DRILLED DRILLED <i>TESTS</i>	N: BY::27 FOR:27	199 iadi	ey Be Rizou	- 	CLAI SECT LOGG DATE	M NO. ION: ED BY: LOGGE	TB 2 VERT Bail- D: OCT	7038 ICAL Lowal T. 27,	1984.
· •	BACK	KOUND SPECTRONETER (K) READINGS 4000 pm.			-					US.		•
FE	EET	DESCRIPTION	SAMPLE	FE	ET_	LENGTH			ASS	AYS		
F ÇOM'	10		NU.	FLOM	10							
0	28	CASING			<u></u>							
R	51	DARK GREEN, FINE GRAINED DIOKITE, IT IS			•	 		·				
		MASSIVE WITHS1536 EPIDOTE, <1/2/6 HETIATITE					·					
		ALTERATIONS. LESS THAN 5% DISSETTINATED F.GCG.										
		MYRITE - HONERATELY MAGNETIC -		• • • • • • •								
51	60	MENUM- GREEN, HOMOGENEOUS, VESICULAR					· ·					
		PILLOW SEL VAGES IN THIS MAFIC UCACANIC.										
		LESS THAN 12 DISSETTIN/ATED PYRITE AND]				
	· • · · ·	B DERY WEAKLY 11/16 NE/IC. UP 10 15% EPIDURE.		·								
60	120	GRADATION AL CONTACT TO DIORITE DESCRIBED						{				
		AT 28-51.										
1	-											ļ
120	136	INVERTITIENT GROUND COKE IN DEFORTED DIORITE.	· · · ·			·					l	<u> </u>
	<u> </u>	UP TO 12 MEDIUG- GRAINEN PYRITE.										-
136_	216	SHARP CONTACT TO MAFIC VOLCANIC AS										
		DESCRIBED AT 51-60 INTERNITTENT GROUD								·		
		CORE IN THIS SECTION. VOLCHNIC IS LOCALLY		 			┠				├ ────'	╂───

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LOCATION:		PROPERTY:		HOLE NO: 84-842
				PAGE 2 of 6
				CLAIM NO SECTION:
LATITUDE:	DEPARTURE :		ELEVATION:	LOGGED BY:
INCLIN:		CORE SIZE:		DATE LOGGED:
STARTED.			DRILLED BY:	
COMPLETED:			DRILLED FOR:	
PURPOSE:				
			•	

FE	ET	DESCRIPTION	SAMPLE	FEE	7	LENGTH			ASS	SAYS		
From	То		NO.	From	То	1				[<u> </u>
	1 . .											
· · · · · · · · · · · · · · · · · · ·		ALIERED WITH BRIGHT RED HEMATINE 16%) AND EPIDOTE UP										
<u> </u>		TO 28 MED GRAINED DISSEMINATED PURITE.			· · ·	<u> </u>	 					
					<u> </u>						<u> </u>	
516	223	EINE-GRAINEN DIORITE -> GRADATIONAL CONTACT AS NESCRIBED]	·				
		AT 28'-51'.						_				<u> </u>
123	393	MAFIC VOLCANIC AS DESCRIBED AT 136-216.										
		289'-291 OTZ VEINI- MILKY WHITE WITH PAKE-GREY IN		· ·		-			<u>`</u>	· ·	1	1
-		KUNDETZ LECE TUDAL 1/25 EING TO MED - GROWED DISCEMUNIATED		1			1					
		WHATE TO CHUSETTIC SEAMS TOTAD. UNTINED DESETTINATED		<u> </u>	<u> </u>		-					·
		MALTE IN CHANKILLE DATION WAAROUG D DRELCHATED				-		· -			·	+
••••••••••••••••••••••••••••••••••••••		WILH HEITHILL HATENHILDY. OF TO 213 J. G. PURITE,		·		- [- ·			<u> </u>	
	ł.,	50// 20// 600 000			<u> </u>						 	┼───
		246-306 GROUND CORB.					<u> </u>					
	L		[.				<u> </u>
<u>93</u>	1246.	GRADATIONAL CONTACT TO DIORITE AS DESCRIBED AT 28"-51.	ļ									
		DIORITE IS EXTREMELY F.G. BUT COARSENS NOWNHOLE. LOCALLY IT		<u> </u>		·	<u> </u>		•		<u> </u>	
		IS V. WEAKLY BRECLIATED AND ALTERED.		<u> </u>								
												·
		557'- 899' MED-TO C. GRAINED NORITE ANTERATION (HEMATITE										
		AND EPIDOTE 52%) IN THE FORM OF STRINGERS DECREASE		1	1		1	1				1
		DAVIN HOLE UP TO 18 MED - TWC GRANED PURITE FURTHER	MUNAINO	XF FE	YDOPPI	PHEN	NRU	TS APO	EDR		- <u> </u>	+
	·]	- CANCE VILLO IN INC. COMMENCE FUNCE	1	عبريت	1		1 - recor			<u> </u>	-	+

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HOLE NO: 84-B4-2

PROPERTY: HETALORE RESOURCES LTD

PAGE NO: 3 of 6

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FE	ET.	DESCRIPTION	SAMPLE	E	ET.	LENGTH		ASS	AXS		, <u>,</u>
riom	10		NO.	From	TO]	H	u 97/101			·
Continu	ed	899 -> ALTERED DIORITE, IT IS SANDY-PINK IN COLOUR, WITH OTZ	VEINS	AT: 9	00-905	QIZ	IS MIN	KY WHI	TE .		. 4
393-12	R46	AND WALKROCK IS PARILY ALTERED TO A GREED	<u> </u>	<u> </u>							<u> </u>
		MICA WITH SANDY PINK ALTERATION.	ļ	ļ		·					
								<u> </u>			
	•	4/2-415 BULL QIZ &" (MILKY WHITE).		ļ					_		
				Į							
	· · · · · · · · · · · · · · · · · · ·	113-918 BULL OTZ THAT IS MILKY WHITE.	ļ								
		THE FIRST ALTERED FONE OR UPPER FONE IS A									
		SANDY PINK ALTERED DICKITE (TEXTURE IS RETAINED).	ļ								
	WHICH	OCCURS FROM 899-928 WITH UP TO 350-	ļ	ļ							<u> </u>
		MASSIVE VEINLETS OF SPECULARITE AND									<u> </u>]
		UP TO US DISENTINATED MED- TO COARSE-	ļ	 	ļ				- İ İ		
		GRAINED PYRITE.		}							
				000	100						
		THE ALTERATION ZONE IS INTERUPTED, BUT	10216	188				IR			Ļ
		OCCURS IN <6 SECTIONS IN A FINE-									ļ
		GRAINED HOMOGENEOUS DIORITE (928'-1012').		· .							
		THE SECOND OR LOWER ZONE OCCURS AT									
		1012-1037' FOLLOWED BY A FINE-GRAINED	10a17_	1026	1021	.3	7	R			
		DIORITE << 1/2 Se EPIDOTE.									
<u>-</u> -		10/1 / 102	1.000								
		1184-1187 THREE FOOT SECTION OF MASSIVE	10215	1/84_	1186	_2_	0.	006	- <u> </u>		
		PSKITE BOGWITH QTE: Ca- AND HE- CARBONATE		 	ļ	ļ					
		STRINGERS THROUGAOUT.									
			ļ								
		118 + - 1220 MEDIUM- GRAINED DORITE WITH QCC,		ļ	-						
		FE- HND Ca- CARKONHTE STRINGERS THROUGHOUT.									
	<u> </u>		ļ								
		1220-1246 DIORITE BECOMES INCREASINGLY			· ·						
		DEFORTED DOWNHOLE. MAFIC AND FELDSPARS			ļ						
		BECONE FRATIENED (55° C/A) DEFINING A	ļ								
		FOMATION.							<u> </u>		
					<u> </u>		·				
1			1	1	1	1	1	1	1 i	1	4

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HOLE NO: 84-842

PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 4 OF 6

FE	T To	DESCRIPTION	SAMPLE	FEE	7.	LENGTH		ASSAYS		
		1246 - 12526" DEFORMED NORITE THE FOULATION!	(nan/	25/1"	12576	* 20		TR		+{
		IN THIS NORITIC SECTION IS STRONG INITH		CL.MC	101.0					+
	-	PHENIOCRYSTS OF CO-FEIDSPARS ALONG FABRIC		}		· ·				
										1
1252.6"	12812"	DEFORMED AND ALTERED DIDRITE.		1						
				}						
		1252.6"-1255.6" ROCK IS DARK BROWN-GREEN	10202	1252.6"	1.255.6"	3.0		TR	1	
		WITH LOCAL ORANGE TO BRICK RED ALTERATIONS.								
		CHLORITE SERICITE. HEMATITE. Ca- AND FE- CARB-							· ·	
		ONATE CONSTITUTE THE AKTERATIONS AND								
		VEINLETS, LESS THAN 12 MEDULT TO COARSE-								
		GRAINED DISSEMINATED RYRITE SPECTRONETER READING								
		IN A 6" ALTERED SECTION 400-700C.P.M.								
		12556"-1258.6" DARK BROWN-GREY ROCK WITH	10,20.3	1255.6"	1258.6"	3.0		TR		
		LESS THAN 250 HEMATITE, CHLORITE, SERICITE AND								
		Ca- AND FE-CLARBONATE VEINKETS LESS THAN 122								ļ
		COARSE-GRAINED DISSEMINATED PYRITE.								
		1258,6"-1261.6" ALTERATION (4050) AS DESCRIBED	10204	1258.6"	1261.6"	3.0		TR		
		IN 1252.6"-1255.6" WITH IDS SILICIFICATION (BLACK)								
		AND IS MODERATELY BRECCIATED. POSSIBLY <1/25								
		CINNABAR PRESENT. LOCAL ENRICHMENTGEDE EXTREMELY								
		PINE-GRAINED TO MEDIUM-GRAINED PYRITE. LESS THAN								
		210 VEINLETS OF SPECULARITE SPECTROMETER								
	•	READINGS IN ALTERED SECTIONS 400-700C.P.M.								
· ·										
		1261.6"- 1265 HATERED AND WELL BRECCLATED	10205	1261.6"	1265	3.6"		IR		Ļ]
		SECTION WITH 20% SIKICIFICATION (BLACK) AND			·		·			ļ
	•	5% QTZ VEINKETS. ALTERATION DESCRIBED AT			•					ļļ
		12526"-12556". TEN PERCENT VEINLETS OF SPECULARITE								
		THROUGHOUT. UP TO 3% DISSEMINATED PYRITE								
		(2'25 COARSE-GRAINED; 125 FINE- TO MEDIUM-			·					
		GRAINED)								
1	1		ł	1 1		1 I	· · · ·	1	1) I

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PROPERTY: METALORE RESOURCES LTD.

HOLE NO: 84-842 PAGE NO: 5 OF 6

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FE	ET.		SAMPLE	FEE	57	LENGTH	ASSAYS	
From	To		NO.	From	То			
		1265-1268.6" AS DESCRIBED AT 1252.6"-1255.6"	10,206	1265	1268.6	3,6"	TR	
		EXCEPT THERE IS 30% SILICIFICATION, LESS THAN						
	· · ·	190 PYRITE (EXTREMELY FINE - TO COARSE - GRAINED).	<u> </u>			· .		_
·				·	 	ļļ		\neg
	•	HATERED SEDIMENTARY SECTION.	 					
				(0/0.4				
		1368.6 - 1270.9 (30°C/A) EXTREMELY WELL FOLIATED	10207	1268.6"	1270.9"	2.3"	TR	_
		QTE, CHLORITE, SEKICITE, SHOWITH POSSIBLE FRATTERED						
		WTZ AND FELDSPATHIC CLASTS. UP TO 4050	ļ					
		SILICIFICATION AND UP TO 20% EXTREITER 9-	ļ	L		-		
		FINE - TO FINE- GRAINED DISSELTINATED PURITE.						\square
		SHECTKOILETER KETHDINGS 405 XODC:P.M.			(
		<u>KTU,Y - 12+3 HS 668.6'- 12+0.4 KU/ ITAS</u>	10208	1270.9"	1213	2.3"	TR	\neg
		45 & KICHTICHMON HND LESS THAN 102						_
		FERDALPHTHIC COMPONITION. UP TO SPO EXTREMENT	1					
		FINE TO FINE-GRAINED PYKITE.						-+
					177-11	2/6		
		12+3-12+2.6" WELL BRELLITTED PARE BROWN	10 207	WT3	10126	0,6	0.002	\dashv
		EXHQUENT WITH OF TO BOS STATCHERATION	<u> </u>					-
		HND 10 WIT. UP 10 NO & HATKETICKI - FINE-	[
		10 FINE- GREATINGD PARITE AND 26 SPECONARTE						
		VC/NKE/).						
		1225 (" DEC U" MILVU INUTE AT INTU JELLS	1024	107-10	177/14	0.01		
		INTUG - INTUTO INALY WHITE WIE WITH CORD	10010	12T26	Kthr.	0.10		
	•	CHARTIC HELDIETS 110. ACD THAN TAD						
		THUNDING UCHURE DE DISCHARED SCHERME						
		17264"- 1277 INALIENTY TO OTZ-IKAL	1071	127/ 11	IJTI N"	169	0004	
		EVIDENCIA IVIL ENLINTEN INTH MILLY INDITE OTZ		ULD./				
		AND UP TO JOS EVTPORICITY EARS DITTE TE						-+
		GRAINED IN RITE ALANG (ALARITIC - SURVITIC SERVIT						
						<u> </u>		

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HOLE NO: 84-1842

PROPERTY: METRICORE RESOURCES LTD

PAGE NO: 6 OF 6

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FEE	T.	DESCRIPTION	SAMPLE NO.	FEO	To	LENGTH		ASSAYS		
		1277.10"-1279.6" 9050 SIKICIFIED < 4% CHKORITE	10212	1277.0	679.6"	1.10"		0.026		
	<u>}</u>	AND SERICITE VEINLETS. LESS THAN 5% EXTREMELY				•				
		FOR ATED 35°C/ADSECTION.								
	•		1 212		1. Sel 38			0 770		$ \rightarrow $
		1274.6" - 1281.2" HS 1277.10" - 1274.6"	10213	12+9.6"	DY1.2	1.8"		0,377		
1281.24	1295	SHARP CONTACT WITH POLYMICTIC METACONGLOMER	Æ.						······································	
		1281.2"-1283.2" <1250 VISIBLE SULPHIDES.	10714	1381.2"	1.7832	2.0"		0.002		
		CLASTS ARE QTE TO FELDSPATHIC IN COMPOSITION. RANGING FROM < 1"-6" IN STRE THIS UNIT IS								
		MODERATELY DEFORMED WHEREBY THE OCCAS-								
		STONAL CLAST IS SUPPORTED BY ANJATER								
		CLAST 6 KAIERAALS 17 15 11H(KIX SUPPORTED A					i			
		A DEBRIS EXDW. MATRIX IS GRANUS AR IN APPEARANCE	<u> </u>	· ·						
		WITH JASPER CLASTS DISPERSED THROUGHOUT.								
ENH.										
		·								
		· · · · · · · · · · · · · · · · · · ·				<u> </u>				
·										
				[•					
					······································		·		+	

LOCA	rion: <u>B</u>	COOKBANK WEST GRID PROPERTY: METALORE	RESOU	RCES	LTD.			HOL	E NO: 5	<u>34 - K</u>	542A	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:E	$\begin{array}{c} 9+00 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	ELEVATIO DRILLED DRILLED	n: by <u>: B</u> f for: <u>M</u>	999 RAD KE E <i>TI</i> AKO	y Bro Re Re	<u>s</u> <u>L</u>	CLA: SEC: LOG DAT 7D. CES &	IM NO. TION: GED BY: E LOGGE	TB H Baul	2903/ - Kourie V. I. , 19 BK	8. Ilshi 194.
FE	ET.	DESCRIPTION	SAMPLE	FEE	7	LENGTH			ASS	SAYS		
From	То		NO.	From	То							
		FINE-GRAINED DIORITE. THREE PERCENT FE- AND Co- CARBONATE VEINLETS THROUGHOUT LOCALLY DIORITE IS WEAKLY BRECCHATED. TWO PERCENT DISSEMINATED PYRITE. 1186-1193 BRECCHATED MASSIVE PYRITE. DIORITE BECOMES COARSER GRAINED DOWNHOLE. 1021 - DOWNHOLE DIORITE BECOMES DEFORMED. MARIC			· · · · · · · · · · · · · · · · · · ·							
		MINERPLS AND PLAGIOCLASE FELDSPARS ARE FLATTENED ALONG THE FOLIATION 60°C/A										
		DEFORMED AND ALTERED DIORITE,										
		1504-1257 DARK GREEN, WELL FOLIATED SECTION WITH PLAGIOCHASE FELDSPAR PHENOCRYSISS <110 DISS- EMINATED PYRITE	10218	254	<i>1257</i>	3	· · · · · ·	TR				
		1257-1260 DARK BROWN-GREY SECTIONI WITH KESS THAN 255 HENATITE CHLORITE SERICITE AND CG-AND FC- CARBONATE VEINLETS	10219	1257	1260	3		TR			·····	

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PROPERTY: METALORE RESOURCES LTD.

page no: \mathcal{J} of \mathcal{J}

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FEE	Τ		SAMPLE	FEF	T	LENGTH		ASSAYS		
From	To	DESCRIPTION	NO.	From	То					
•		1260-1262.5" DARK BROWNI-GREEN WITH LOCAL	10220	1260	12625	2.5''		TR		
		ORANGE TO BRICK BED ALTERATIONS. CHLORITE,								
		SERICITE HEMATITE, Ca. AND FE- CARBONATE				•				<u> </u>
		CONSTITUTE THE ALTERATIONS AND VEINLESS								<u> </u>
	•	RESPECTIVELY. TEN PERCENT SILICIEICATION AND IS								
		MODERATERY BRECCIATED. LESS THAN 1/25 OF	L							<u></u>
		POSSIBLY CINNABAR. LOCAL ENRICHMENT 20% OF	ļ							
		EXTREMELY FINE- TO MEN-GRAINED DISSETTINATED			·					
		PYRITE LESS THAN 25 SPECULARITE VEINLETS.							· · ·	
								2		<u></u>
		1262.5"- 1264.5" DARK BROWN-GREY ROCK WITH LESS	10221	1262.5"	1.7(4.5"	2		TR		
		THAN 250 HEMATITE CHLORITE SERICITE AND								
		Ca- AND FE- CARBONATE UEINLETS. LESS THAN 1 To								<u></u>
		MED: TO COARSE-GRAINED DISSEMINATED PYRITE	ļ							
			10000	1011 11	Lain					
		1264.5" - 1266.5" AS 1260-1262.5' KESS THAN 350 FINE	Iladd	1261.5	1.266.5	×			-	
		DISSETTINATED PORITE AND CITS SPECULARITE.	_	•						
			4.007	1.21 1 1	1-1-1-11					
		1266.5" - 1268.5" AS 1262.5" - 1264.5" BUT WITH	10223	12005	12685	- X				<u> </u>
		103 SILICIFICATION (BLACK)								
		19/SET 1070 BU AC 1010 1219 DU	0000	id are	10700	2.11		=		
		068.5° - 6710.7° AS 1260-1260.5° WITH 2125	IUddt	C.\$0£	<u>1240.1</u>	2.4			<u> </u>	(
		PINE LO TTED- GRAINED DOSETT. P.9RI/E. 30% STATC.				L				
	·	RITER-> CANAD COOL WAL-	ļ							
	•	MALTERED SEDITIENTARY UNIT								
i		1370 91- 12799" TYTPISMITING WELL FALLATER (2000/0)	10225	177094	ning"	2		102		
		NTTO CHLORED SERVICE SCHUT WEAR FULTH PLEVELE	Uaac	12 TUL	INTR. I	X				
	.	CLATTERED ATT AND CHINE CLACT IN TO			•					<u> </u>
		Mas CHUCICICATION AND HEADSPHITTIC CLADIS, UP 10							<u> </u>	<u>├</u> ┨
ł		PLATE TO ELLE CRALEN SIGENMATES AURITE					·			<u> </u>
		SPECTRANETIER REPUBLICS IN-SNARM								
		VIELIAUTICIER READINGS 40 OU C. ATT.								<u> </u>
+	وبستان الراسيان					<u> </u> -				

HOLE NO: 84-B42A.

PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 3 OF 3

<u>.</u>

FEE	27	DECORTREION	SAMPLE	FEE	7	LENGTH	ASSAYS	
From	То	DESCRIPTION	NO.	From	То			
•		1272.9"-1274 AS 1270.9"-1272.9" 452 SILIC.	10226	12729"	1274	2.3"	TR	
		1274-1277 WELL BRECCIATED PALE BROWN	10227	1.274	1277	3	0.006	
_	•	FRAGMENTS WITH UP TO 8550 SILICIFICATION				·		
•		AND 1% ATZ. UP TO 20% EXTREMELY FINE- TO	<u> </u>	· ·				
	•	FINE- GRAINED PYRITE, AND 550 SPECULARITE	<u> </u>					
		VEINILETS.		 				
		1277-1278.6" WALLROCK PLUS QTZ UEININC-	10228	1277	1278,6"	1.6"	0.02	
		Q78,6"-1280 LUDED IN THESE SAMPLES.	10229	1278.6"	1280	1.6"	0.002	
_		EXTREMENT WERK FOR IATED WARKROCK WITH						
		MIKKY WHITE OTZ VEIN WITH MP TO 2010.						
		EXTREMELY FINE- TO MENUM-GRAINED PYRITE						
		ALONG CHLORITIC - SERICITIC SEAMS.						
		1380-1381.6" AS ABOVE WALLROCK DESCRIPTION.	10230	1280	1251.6	1.6"	0.01	
				1001.1	126-0			
		281.6" - 1283 9050 SILICIFIED, < 450 CHLORITE	0231	1281.6"	1283	1.6"	0.056	
		283- 1384.6" AND SERICITE JEINLETS. LESS THAN	10232	1283	1284.6	16"	0.302	
	<u>.</u>	510 EXTREMENY FINE- TO MEDIUM-GRAINED PYRITE,				ļ		
		IN THIS WELL FOR ATED (35°C/A) SECTION			·			
1284.6	1295	1284.6"-1286.6" <15 VISIBLE SUXPHIDES.	10233	1284.6"	1286.6	2	0.046	
		SHARP CONTACT WITH POLYMICTIC MEZACONG-						
		LOTTERATE CLASTS AKE OTZ TO FELDSPATHIC				ļ		
EOH		IN COTPOSITION. RANGING FROM "-6" IN</td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
	•	SLTEP. THIS UNITE IS MODERATELY DEFORMED						
		WHEREBY THE OCCASSIONAL CLAST IS SUPPORTED						
		BY ANOTHER CLAST, GENERALLY IT IS MATRIX						
	<u> </u>	SUPPORTED, A DISCRGANIZETO RED IN THE				<u> </u>		
		BASAL SECTION OF A DEBRIS FLOW. MATRIX IS				ļ		
		GRANULAR IN APPEARANCE WITH JAIPER CLAITS						
		DISPEKSED THROUGHOUT.	ļ					
			<u></u>					
•			•	۱ ۱		• •		•

		. DIAMOND DETTIC RECORD & TOP										^
LOCAT	TION: _/	RWIN TOWNSHIP - BEARDMORE PROPERTY: METALORE	E RESO	URCES	5			HOLE	: NO:	83-X	7	
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:7	15.945 DEPARTURE: <u>4+00</u> LENGTH: <u>97.0'</u> -40° CORE SIZE: <u>NQ 17/8"</u> 171° DIP TESTS: <u>NONE</u> 171° DIP TESTS: <u>NONE</u> 171°	ELEVATIO DRILLED DRILLED	DN: BY: FOR:	RADLE. DETAL	Y BROTT ORE RU	 H <u>ERS</u> ESOUR	CLAI SECI LOGO DATE <u>L TD</u>	M NO. TION: _ GED BY: C LOGGE	<u>D.c</u> D <u>:</u> <u>NO</u> Bou	<u>2210E</u> 1 <u>7</u> -11/1 b-K	
FEE	7	DESCRIPTION	SAMPLE	FEE	7	LENGTH			ASS	SAYS		
From	То		NO.	From	То		1		AUT		1	
0.0	10.0	CASING										
10:0	13.0	GROUND CORE			•							
13.0	15.0	VERY FRACTURED MAFIC VOLCANIC SULPHIDES < 1/2% QTZ-CARR. FILLINGS. GREY ROCK HARDNESS 6. WEAK TO MODERATELY MAGNETIC.										
15.0	16.7	GROUND CORE										
16.7	30.0	GREY GREEN MODERATELY FRACTURED VOLCANIC. SCHISTOSE	9114	180	21.0	3.0			TR			·
		IN APPEARANCE WITH FOLIATION 80% TO CA. WEAKLY	9115	25.0	30.0	5.0			"			
		CALCAREOUS, 25'O DOWNHOLE BECOMES MORE SILICIOUS										
		WITH LOCALLY 5-9% PY AS SEAMS AND DISSIMINATIONS.										
												
30.0	430	SILICIOUS BRECCIATED TO FRAGMENTAL VOLCANIC. FOLIATION	9116	30.0	32.8	2.8	·		"	l		
CON	TACT	80-85° TO CA. 30-32-8 REST REECCIATION AND SULPHIDE	0117	200	000	<u> </u>			•		 '	
		CONTENT TO 1070, SERIGTE SLIPS PRESENT AT 2%.	7/17	37.8	38.2	2.4				['		· ·
	-	LOCALLY 64 HADDUESS & COLOR RED-GREY-CREEN- WITE	9118	38.2	420	4.8			· · ·	' 		
				12000	720	1.00					1.	
												· · ·
	•	•	1	1		1	1		1	4	1	1

HOLE NO: 83-X1

PROPERTY: IRWIN TOWNSHIP BEARDMORE ONT. PAGE NO: 2 OF 2

FEET HR			CANDIE		2886	TRUCAN						
From	То	DESCRIPTION	NO	From	TO	LENGTH			ASSAY	S	·	
43.0	60.9	APERCIATED TO EDOC MENTAL VALCANE STREETONED AND							1411			
	001	ALTERED. 49-546 VERY SURIOUS WITH ARECUATED	9119	43.0	46.0	3.0			TR			
- 		APPEARANCE. SULPHIDES LOCALLY UP TO 5% AS SEDMS				•						
•	1	AND DISSIMINATIONS. 43-46 SHIST TO GNESSIC WITH	9120	46.0	49.0	3.0			"			
	1 •	FOLIATION 75° TO CA. CALCAREOUS AT 190 IN FRACTURES.										
		REDDISH MEMATITIC MATERIAL AT 3%.	9121	49.0	54.6	5.6			1.			· ·
		WEAKLY MAGNETIC. HARDNESS 6. 54.6 BLACK 5" SILICIOUS								1		
•=		BAND PRECEDING SEDIMENT MATERIAL.	9122	54.6	57.9	3.3			"			, .
	0		Ring		600	2.0					. 	
60,4	47.0	GREENISH META SEDIMENTS. MODERATELY OTZ-CARB	7123	27.7	60.7	3.0						
		ENRICHED FRACTURES AT 5% FO' CALCAREOUS ONLY						<u> </u>				
		IN FRACTURES ROCK IS SOFT AT 5. DOWNHOLE FROM		<u> </u>								
	<u> </u>	THE STRETCHED OTTITIC PEBBLES ARE VISABLE.										
		FOLIATION TO TO CA. NON-MAGNETIC. SUMPHIDE										
		CONTENT AS DISSIMINATIONS AT < 1/2 %0. THESE										
		OCCURING ALONGSIDE FRACTURES.										
<i>0</i> 77.4				·								
97.0		EOH.										
				<u> </u>	ļ			<u>+</u> -	·			
		· · · · · · · · · · · · · · · · · · ·		<u> </u>								
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	-									<u>+</u>		
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		•		<u> </u>								
			· · · · · · · · · · · · · · · · · · ·		<u> </u>						<u>+</u>	
					······································	ļ						
	<u> </u>											

		PARAMA PALAM ANCOLD & DOG								
LOCAT		WIN TOWNSHIP-REARD MORE ONT. PROPERTY: METALORE	RESOURC	ες λ	TD.			HOLE NO:	83-X2	
				<u> </u>	<u> </u>			, .		
LATI INCLI AZIMI STAR COMP PURPO	TUDE: IN: UTH: TED: LETED: OSE:	5+705 DEPARTURE: 2+82W LENGTH: 167 150 CORE SIZE: NQ 17/8" 1210 DIP TESTS: NONE 0V.9, 1983	ELEVATIO DRILLED DRILLED	DN: BY <u>:</u> FOR:	RADLES	<u>BROTH</u> ORE RE	IERS SOUR	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE <u>L72</u> . <u>CES L72</u> .	D-011 D: NOV, 13 Barb 1	1 <u>E</u> R 7, 1983
FOOTA	IGE	DESCRIPTION	SAMPLE	FOOT	9GE	LENGTH		ASS	JAYS	······································
From	To		NO.	From	То			AUT		
0.0	10.0	CASING								
6.0	42.0	SEVEDELY EDACTUDED FINE GRAVIED GREENIN								<u></u>
		GREY VOLCANIC DACIFIC TO 20'AND PUDDELTIC	9151	71.1	73.7.	2.1		TR	·	
		DRUMANE FROM 76' FRACTURES ARE OTT-CARR AND		<u> </u>	<u></u>					
		EPIDATE EILLEN. 15% EPIDOTE ALSO DECURING AS		·						
		SUNRIS THI- 73.7 70% OTT. 54 HEMATITE AND		· •						
		NISIMINATE DURITE TO 30/00 SILLAHIAE CONTENT			[· ·		· · ·	
		OUTFINE THIS SAMPLE IS TO 1% LOCALLY.	-							
	[SEAMS DRE TO CA AND MULTI CROSS EDUCTURIAL IS								
		FEATURED. HOST ROCH IS NON-CALCAREOUS. ERALTURES		<u> </u> .						
		ARE CALCAREOUS. HARDNESS IIPHOLE FROM 76' 15 6								
		DOWNHOLE IS 5-5.5.								
42.0	67.0	MODERATELY FRACTURED GREENISH GREY VOLCANIC.								
		ANDASITIC. QTZ CARG AND EPIDOTE FILLED FRACTURES.								
		SAUSSERIZATION PRESENT. 50-55 1590 EPIDOTE AS				·		·		· · ·
	Ī	SWIRLS AND IMPRAGNATION. DISSIMINATES PYRITE 21%								
		SOME SHEARING IS PRESENT. HARDNESS 5-5.5								· ·
				<u> </u>						
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HOLE NO: 83-X2

PROPERTY: IRWIN TOWNSHIP - BEARDMORE

PAGE NO: 2 OF 2

FOOT	AGE	DECORTONICON	SAMPLE	FOOTA	GE	LENGTH		ASSAYS		
From	To	DESCRIPTION	NO.	From	То			Au/T		
62.0	92.6	HOST POCK IS DACTIC NOW, WEAKLY TO MODERATELY								
		FRACTURED, OTT-CARR AND EPIDOTE AS FILLERS.								
	<u> </u>	10% EPIDOTE ALSO PRESENT AS SWIRLS AND				•				
•		IMPRAGNATION. PYRITE CI/2%.								
	·	FRACTURE ARE CROSS-CUTTING.								
										·
92.6	149.5	CONTACT WITH SHEARED SILICIC ALTERED ZONE.	9151	97.6	93.6	1.0		TR		
		104.5 - 105.5 FEATURES 70% OTZ PY TO 2%	9152	93.6	96.7	3.1				
	•	THIS WHOLE TONE FEATURES KINR FOLDING.	9153	96.7	101.0	4.3	<u> </u>		· ·	
		STRETCHED FRAGMENTS, TWISTED AND HIGHLY	9154	101.0	104.5	3.5				
		ALTERED. COLOR RANGES FROM WHITE-RED. ORANGE.	9155	104.5	105.5	1.0				
		BLACK, FRACTURES ARE CROSS CUTTING AND	9156	105.5	111.0	5.5				
		STRETCHED DOWN DIP. 114.4-119 FEATURES THE	9157	111.0	114.4	3.4			İ	
		BEST HEMATITIC ARECCLATION. OTHER BRECCLATION	9158	114.4	119.0	5.6				
		IS LOCAL PYRITE OCCUPING AS DISSIMINATIONS	9159	119.0	125.2	6.2				
		AND SEAMS VARY IN SAMPLES FROM 1-5%.	9160	125.2	130.0	4.8				
		HARDNESS 6+ DUE TO SION CONTENT.	9161	130:0	133.2	3.2				
			9162	133.2	136.9	3.7				
149.5	167.0	SEVERELY FRACTURED GREENISH-GREY VOLCANIC	9163	136.9	1420	5.1				
•		WITH INTERMIXED META SEDIMENT MATERIAL.	9164	142.0	144.0	z.0				
		FRACTURES ARE OT CARB FILLED. PYRITE LI/2%	9165	144.0	145.4	1.4				
		3% OTLITE VEINS ARE PRESENT BUT OCCUR	9166	145.4	149.5	4.1		4.		
		WITH NIL TO CITE'S PY. PROMINANT VEINING								
		15 70° TO CA. HARDNESS 6. THIS TONE ALSO								
		FEATURES SOME SHEARING BUT NOT AS INTENSE				1	1			1
		AS 92.6-149.5								
167.0	•	EOH								
		· .					·			

LOCAT	ION:	RWIN TOWNSHIP-BEARDMORE PROPERTY: METALORE	RESOU	ACES	LTD.			HOLE NO: 83	<u>-X3</u>
•	2017) 1	v a [−] t t _{heade}							
•								CLAIM NO.	
		ridal ananning 19140121 Training 14-2		A			•	SECTION:	
LATI	UDE:	$\frac{5+425}{1000} \text{ DEPARTURE: } \frac{5+43}{1000} \text{ LENGIN: } \frac{177}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000} \frac{1}{100000} \frac{1}{10000000000000000000000000000000000$	ELEVATIO	/N:			-	LOGGED BY :	D.OL
AZIM	N: -9	DIP TESTS: Mans						DATE LOGGED:	NOV.
STARI	CED: A	113° NUNC	DRILLED	BY: BL	CADLE]	BROTH	ERS 1	<u>LTO</u>	
COMPI	ETED: N	1V. 11. 1983	DRTTON	FOR:	TETALC	ORE KE	SOUR	CES LID.	
PURPC	SE: To	TEST QTZ VEIN						DIK	· ·
		•					per	N Barr H	•
							0		
	PRES	DESCRIPTION	SAMPLE	MET	ES FEET	LENGTH		ASSAY	
From	TO		NO.	From	To			Au/T	
	+		,		1				
0.0	10,0	CASING	·'	- '	I		_		
		, /	 '	<u> </u> '	I				
10.0	15.0	GROUND CORE	·'	 '	<u> </u>				
	I	, 	.['	- '	Í		!`-		
15.0	29.0	MODERATELY FRACTURED MEDIUM GRAINED GREENISH	.['	· '					
]	<u>ا</u>	GREY VOLCANIC, DIORITIC IN APPEARANCE, FRACTURES	.[′	-l'			<u> </u>		
]	<u>اا</u>	ARE QTL-CARB FILLED. CALCAREOUS IN FRACTURES,	· ['	<u> '</u>		<u> </u>			
;	i!	HARDNESS 55-6. SULPHIDES < 1/2%-	.['	<u> '</u>	· .	_ .			
	!		<u> </u>	<u> </u>	I	·	·		
29.0	30.6	ALTERED REDDISH HEMARIZED SILICIOUS ZONE.	9127	29.0	30.6	1.6		TR	
	'	HEMATITE 39'C PY DISSIMINATIONS AT 3-5%.	<u> </u>	<u> </u>					
	!	SILICA AT 15-20%.	Í′	['	I				
	!		/	//					
30.6	66.5	WEAKLY TO MODERATELY FRACTURED GREENISH GREY		/'					
	·'	VOLCANIE SIMILAR TO 15'-29'. QTZ-CARB FRACTURES	· · · · · · · · · · · · · · · · · · ·	1	1				
	· /	75-RO TO CA. EPIDOTE PRESENT AS IMPRAGNATION.	· .	, ,	1			· _	
	1	CALCANEOUS IN FRACTURES. SUMPHIDES 21/2%.		,		·			
	í — ,	LIEAVIN MAGNETIC.		ļ,	1				
	1.		1	ļ,	1				
1.6.5	67.8	SIMILAR IN 20.6.66.5 EXCEPT 2% HEMATITE	9128	66.5	67.8	1.3			
	l <u> </u>	DAIN 20% OVDITE DISSEMINATIONS.		1					
	·	ATTER FERRISE FIRST CONTRACTOR				+			

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HOLE NO: 83-X3

PROPERTY: IRWIN TOWNSHIP-BEARDMORE

PAGE NO: 2 OF 2

EETMET	RES	DESCRIPTION	SAMPLE	FEETMET	RES	LENGTH		ASSA	YS		
From	TO	DESCRIPTION	NO.	From	То			Ault			
67.8	109.7	FINE TO MEDIUM GRAINED GREENISH GREY VOLCANIC.	1								
		NIDRITIC TEXTURE. WEAKLY FRACTURED AND FILLED									
	·	BY SIUZ AND PINK CALCITE. WEAK TO MODERATELY				•	l l				
•		MAGNETIC. HARDNESS 55-6. SULPHIDES 61/2 %							Γ		
	ŀ					-					
109.7	111.6	SIMILAR TO 678-109.7 EXCEPT 340 HEMATITE AND	9129	109.7	111.6	1.9		TR			·
		2-3% PU DISSIMINATIONS.									
					•				1		
111.6	1223	SIMILAR TO 67.8-109.7									
	1000										
1223	122.3	HEMATICED SILICIOUS FUNE 110 50 5% DY	9124	172.2	1733	10			İ		
		5% REDDISH BRECCIA		10000							
			1								
1223	131.0	MEDIUM GRAINED GREENISH EREY VOLCANIS, MORITIS.	9120	122.3	1157	2.4		11			
1233	/ 3/- 0	WEAKIY ERACTURED LECALLY TO 100 PY		10212						î	
		INEANLY TO MODERATELY MACHETIC.									
1210	172.0	GROUND CORE-UP TO 5% PY	9121	1210	1220	20				——i	
131-0	1.15.6		11.21	1.1.0	13310						
1375	147.0	WEAKLY FRACTURED GREENISH GREY DURITIC TEXTURE									
1133.0		VOLCANIC OTLAND PINK CALCITE FILLED FRACTURES.									
		SULPHIDES CITZ %. WEAR TO MODERATE MAGNETICS.	1					···· /	-		
		HARDNESS G. CALCAREOUS IN ERACTURES.	1								
						1					
147		COH	1			1					
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						1				- ·]	
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		DIVINAD AUTOR VECOUR & TOO						————————————————————————————————————		<u>x</u>
- LOCAT	TION: //	RWIN TOWNSHIP-REARAMORE PROPERTY: METALORE	RESOU	RCES	272			HOLE NO:	83-X-	7
LATIC INCL AZIMI STAR COMP PURPO	TUDE: IN: TED:// LETED:_// OSE:	67425 DEPARTURE: $/3+43W$ LENGTH: $67'$ 60° CORE SIZE: $NQ I - 7/8''$ $2/3^{\circ}$ DIP TESTS: $NONE$ $2V.II, 1983$	ELEVATIO DRILLED DRILLED	DN: BY <u>:</u> FOR:	RADLE DETAL	<u>Y BRITI DRE RE</u>	- <u>4 Z P S</u> SOU P	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE <u>LTD</u> CES LTD	D. OK D: NOV. Barb K	<u>VER</u> 12, 1983
		t						• 	<u></u>	
ET ME	TRES-	DESCRIPTION	SAMPLE	From		LENGTH		ASS	AYS	
FIOM	10	· · · · · · · · · · · · · · · · · · ·	NU.	FLOM	10			Hul T		
0.0	10.0	CASING	·							
10.0	19.0	GROUND CORE			•			·		
			.				<u> </u>			
19.0	41.0	MODERATELY FRACTURED FINE-MEDIUM GRAINED	_							
_		VALCANIC GREENISH GREF IN COLOR: DICRITIC	_				·			
	L	APPEARANCE, & GROUNDMASS IS NON-CALCAREOUS							·	
	ŀ	AND CALCITE ONLY PRESENT IN OTZ-CARB FILLED					· .		·	:
	ļ	FRACTURES SEAMLETS ARE 75° TO CA. EMDOTE								
		PRESENT AS IMPRAGNATIONS AND HALOS. SULPHIDES					·			
		LIG HARDNESS IS & AND WEAKLY TO MODERATELY								
	ļ	MAGNETIC	_							-
4.0	43.3	ALTERED REDDISH HEMATIZED QTZ ZUNE.	9125	41.0	43.3	23		TR		
-		DISSIMINATED PERITE TO 5%. SIDE AT 15-20%	-							
43.3	46.6	SIMICAR TO 19-41 EXCEPTEN/240 REDDISH SILICA	· .			· ·		· ·		
	-	AND 140 PY.								
466	47.0	SIMILAR TO 410-43:3 HEMATILED GTZ SEAM P. 2%	9126	46.6	47.0	0.4				
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HOLE NO: 83-X4

PROPERTY: IRWIN TOWNSHIP-BEARDMORE

PAGE NO: 📿 05 Z

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ALT MET	RES		SAMPLE	FEET MET	RES	LENGTH	T		ASS	AYS		
From	To	DESCRIPTION	NO.	From	То				Au/7			
47.0	67.0	WEARLY FRACTURED GREENISH GREY VOUCANIC.						1	1			
		NORITIC APPEARANCE EXCEPT DOWNHOLE FROM										1
		60' WHERE ROCK IS FINE GRAINED, SULAPHIDES			1	· ·		1	<u> </u>		<u> </u>	
· · · ·		61% . HARDNESS IS G. MODERATELY MACNETIC				ļ	L		<u> </u>	<u> </u>		1
	· .	AND NON CALCAREOUS. OTZ-CARB FRACTURES ARE				· .	<u> </u>		L	ļ		<u> </u>
	L	75° TO CA.				<u> </u>	ļ	ļ	ļ			ļ.
								<u> </u>	ļ			
				<u> </u>		L						<u> </u>
67		EOH		L					L			<u> </u>
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LOCATION	N: _/	RWIN TOWNSHIP - BEARDMORE ONT. PROPERTY: METALORE R	ESOUR	CES L	TD.			HOLE NO:	83-X	5
LATITUDI INCLIN: AZIMUTH STARTED COMPLET PURPOSE	E: <u>/4</u> 40 : ED: <u>/w</u> :	13+43 W LENGTH: 197' 0 CORE SIZE: NQ 178' 340° DIP TESTS: NONE 0V.12,1983	ELEVATIO DRILLED DRILLED	ON: BY: <u>Bk</u> FOR: <u>M</u>	ADLEY VETALO	BROTHER RE RESO	CS LT UACES	CLAIM NO SECTION: LOGGED B DATE LOG DATE LOG	SED: NC	<u>02/VER</u> 00.13,191 15-K
NTAGE		DESCRIPTION	SAMPLE	FOOTA	GE	LENGTH	1	A	SSAYS	
From	То		NO.	From	To	1		Ault	•	
2.0 1	0.0	CASING							_	
2.0 4	0.9	FINE TO MENIUM GRAINED GREENISH - GREY VOLCANIC.								
		25' DOWNHOLE DIORITIC APPEARANCE. 10-20' MODERATEL	2				·			
		FRACTURED AND ZO' DOWNHOLE WEAKLY FRACTURED.								
		FRACTURES ARE OTI-CARB FILLED AND EPIDOTE AT 21%			<u></u>					_
		AND HEMATITE LIG. EPIDOTE ALSO OCCUTTING AS					-		_	·
<u> </u>		SWIRLS AND IMPRAGNATIONS. SULPHIDES AS DISSIMINATION	k			.	.		_	l ·
		LI/2%. FRACTURES ARE 60-70° TO CA.	ļ			<u> </u>	<u> . </u>		_	
		CALCAREOUS ONLY IN FRACTURES, WEAK TO								
		MODERATE MAGNETICS. HARDNESS 5.5-6.	<u> </u>			-	-			
2.9 4	2.3	CONTACT WITH OTZ REDDISH HEMATIZED ZONE, DISSIMINATED	9132	40.9	42.3	1.4		0.00	2	
		PYRITE TO 5%. SILICIOUS TO 15%, HEMATITE 2-3%.								
2.3 7	18.2	WEAKLY FRACTURED MEDIUM GRAINED (DIORITIC)		-		-	· -		-	- +
		GREENISH GREY YOLCANIC. 49.5-1"OTZ SEAM SIMILAR								
		TO 40.9-47.3 FRACTURES FOUTUCA, EPIDOTE AT CI%.								
·		41% REDDISH SILICA SEAMS SULPHIDES 1/2-61%.							_	_
		CALCAREOUS AT FRACTURES. MODERATE MAGNETICS.]_		_	
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PROPERTY: IRWIN TOWNSHIP - BEARDMORE

PAGE NO: 2 OF 2

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TA	GE-		SAMPLE	FOOTH	'GE	LENGTH	ASSAYS
From	To	DESCRIPTION	NO.	From	То		Ault
78-2	113.8	WEAR TO MODERATELY FRACTURED DIORITIC ROCK.					
		CALCAREOUS IN FRACTURES ONLY. 78.2- 79.2 CONTAINS	9133	78.2	79.2	1.0	N1
	· ·	HEMATITIC SEAM PLUS UP TO 5% PY 84.9-91.2 15				•	
<u> </u>	l	MORE SEVERELY FRACTURED WITH OTZ AND RUSTY RED	9134	84.9	88.6	3.7	NI
	·	CARBONATE SEAMS TO 3%. DISSIMINATED SULPHIDES					
		VARY LOCALLY IN THIS UNIT FROM 1-5% HIGH	9135	88.6	91.2	2.6	Nil
	L	CONCENTRATIONS OF SULPHIDES OCCUR IN ASSOCIATION					
		WITH THE QT2-CARB SEAMS. MODERATE MAGNETICS.			·		
113.8	155.0	WEAKLY FRACTURED DIORITIC MEDIUM GRAINED ROCK.	9136	113.8	114.0	5.0	0.005
		113.8- 114 CONTAINS A HEMATITIC OT SEAM PLUS					
		15% PY. HEMATITIC SEMS WITHIN THE HOST	9137	117.0	118.6	1.6	Nil
		OCCUR ATILL'O AND GENERALLY CONTRIN DISSIMINATED					
-		PYRITE TO 1/2%. FRACTURES ARE CALCAREOUS	9138	127.0	128.0	1.0	0.003
		AND 30° TU CA. 127-128 GROUND CORE CONTAINING					
		5-10 TO PY. HARDNESS 5.5-6.					
				· · ·			
155.0	197.0	WEAKLY FRACTURED FINE TO MEDIUM TEXTURED		ļ			
		GREENISH GREY NOLCONIC, HEAVY IMPRAGNATION					
		OF EPIDOTE AT 5-10% FROM 166.8-168.3. THK	91.39	166.8	168.3	1.5	N.1
		A FORE MENTIONED ZONE ALSO CONTAINS 2-3% PT.					
		SULPHIDE CONTENT WITHIN THIS UNIT VARIES LOCALLY					
		FROM CITZ-1/2%, CALCAREOUS IN FRACTURES					
		ONLY. LOCALLY MODERATE TO STRONG MAGNETICS.					
		SEAMS AND FRACTURES ALSO CONTAIN LIGO REDDISH					
·		SILICA.					
	197.0	EOH			•		
I	L I	· · ·	· .	l 1	1	! J	

		DIAMOND DATES RECORD & ING								×
LOCA		RWIN TOWNSHIP-BEARDMORE ONT. PROPERTY: METALORE R	ESOMCE	ES LT	86			HOLE NO: 5	73-X6	
		n de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la					- 	·		
LATI INCL AZIM STAR COMP PURP	TUDE: IN: UTH: TED: LETED: OSE:	15+565 DEPARTURE: 13+43W LENGTH: 87' 20° CORE SIZE: NQ 7/P" 256° DIP TESTS: NONE 10V 13, 1983	ELEVATIO DRILLED DRILLED	DN: BY <u>:</u> FOR:	RADLE NETRL	Y BROTI ORE RE	<u>HERS</u> SOUR	CLAIM NO SECTION: LOGGED BY: DATE LOGGE LTD. CES LTD.	<u>D: 01/12</u> D: <u>NDV. 13</u> Barb-K	ER 4 <u>3/98</u> 3
FOOT	AGE	DESCRIPTION	SAMPLE	FOOT	AGE	LENGTH		ASS	AYS	
From	To		NO.	From	То			AULT		
0.0	10.0	CASING								
10.0	44.0	MOBERATELY FRACTURED GREENISH GREY								
		MEDIUM GRAINED YOLCANIC. FRACTURES ARE QTZ-CARB	9146	41.0	42.0	1.0		TR		
		AND EPIDOTE FILLED. 41.0-42.0 CONTAINS 10%								
		OTZ. 2% HEMATITE PLUS 1-2% PY. AS DISSIMINATIONS								
		EPIDOTE ALSO PRESENT AS SWIRLS AND								
		IMPRAGNATIONS. SULPHIDES LIG. CAICAREOUS								
a	L	ONLY IN FRACTURES. WEAR TO MODERATELY					·			
		MAGNETIC EXCEPT FROM 25-31 WHERE MAGNETICS					·			
	<u> </u>	ARE STRONG.								
44.0	45.8	CONTACT - HEMATIZED FRAGMENTAL QTZ ZONE.	9147	44.0	<u>95.8</u>	1.8		0.01		
	{	OTZ - 40% HEMATITE 5%, SULPHIDES TO 10%.		 						
	+	PYRITE CUBES PLAINLY VISABLE.					_			
150	1		aine		601				<u> </u>	
45.8	50.6	SIMILAR TO 10-44 EXCEPT 2% HEMATITE	7148	21.5	22.6	. /./		I <u>R</u>		
		MUS 10 270 MY FROM 31.5-32.6. 5102-1070.		 						
	+									
	· ·	· · · · · · · · · · · · · · · · · · ·		1					73-X6 73-X6 D: OUVE D: NOV 143 3aub-k 3AYS 	
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HOLE NO: 83-X6



PROPERTY: IRWN TOWNSHIP -BEARDMORE

PAGE NO: 2 OF 2

FOOT	IGE		SAMPLE	FOOT	AGE	LENGTH			ASSA	YS		
From	To	DESCRIPTION	NO.	From	To				AU/T	·		
52.6	87.0	MODERATELY FRACTURED FINE TO MEDIUM						ĺ				
		GRAINED GREENISH GREY YOLGANIC. CALCAREOUS	9149	80.0	81.7	1.7			TR			
		ONCY IN FRACTURES. QT2-CARE AND EPIDOTE				•		i			l	
	l	AS FILLERS. WEAK TO MODERATE MAGNETICS.					1		1		L	
	•	PURITE DISSIMINATIONS TO 1%. HARDNESS 6.					İ	<u> </u>				
		80.0 - 81.7 SILICIC ALTERATION PRESENT									l	
		DOWNDIP. 472 10%. PY 1%. RED SILICA 2-3%.										
	L	BASICALLY A UNIFORM UNIT.			·							
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87		EOH										
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	,	- DIAMOND DRILL RECORD & LOG	-									
LOCAT		RWIN LOWNSHIP-BEARDMORE OUT. PROPERTY: METALORE	KESO	URCE	SLTI	D.		HOL	Z NO:	83-	Χ7-	
LATIT INCLI AZIMU STARI COMPI PURPO	CUDE: DTH: TED: LETED: DSE:	$\frac{4+68}{10} \text{ departure} : \frac{15+705}{100} \text{ length} : \frac{2430}{100} \text{ core size} : \frac{100}{100} \frac{17}{30} \text{ dip tests} : \frac{1000}{100} \frac{17}{30} \text{ dip tests} : \frac{1000}{100} \frac{17}{30} \text{ dip tests} = \frac{1000}{100} $	ELEVATIO DRILLED DRILLED	n: by: <u>Br</u> for: <u>}</u>	ADLEY EZALC	BROS ORE R	 ESO	CLA: SEC LOG DAT).	IM NO. FION: _ GED BY: E LOGGE ES 61	BARB D:NC	Kowk V. Z	
	CT	DESCRIPTION	SAMPLE	FOO	TAGE	LENGTH		والمتحرين والمتحدين	AS	SAVS		
From	TO		NO.	From	To				AULT	Aq/T		<u> </u>
0.0	10.0	LASING										
ina	127"	EINE-CODINED MASSINE CREEN VALCANC MINIOP				╂─────		<u> </u>				
	17.1	ERACTURING ERACTURES ARE FILLED WITH			·							
		REN-BRAJN BLERS (FE-CARB): EPIDOTE: K-FELDSPAR										
		(PINKISH-ORANGE) WHICH IS OCCASSIONALY RIMMED										
		BY EPIDOTE: QWARTZ VEINLETS (= 18" IN WIDTH).										
		NO VISIBLE SULPHIDES.										
17.7"	<u>33,7</u> "	SAME AS 10.0-17.7. INCREASED AMOUNT OF										
		FRACTURING. LOCALLY THERE ARE < 43" CALCITIC										
		VEINLETS WITH A SLIGHT HUE OF PINK QUARTE						<u> </u>				<u> </u>
	·	VEINLETS < 1/16" IN WIDTH. LESS THAN 12/0 PYRITE	1			ļ			ļ'			\int
		(= 1/8" IN WIDTH).						<u> </u>		 !		
												<u> </u>
3 3. <u>+</u> "	35.5	SAME AS 17.7-33.7., EXCEPT IT IS WELL	· .				i	<u> </u>		<u> </u> '		
		BRECCIATED.				·		<u> </u>	·	'		
							ļ			 '		
35.5	51.1"_	SAME AD It' F- 33.7 INCKEHSED AMOUNI OF				-[- 		 '		
		K-FELSPHK. LOCALLY COAKDE -GRAINED PIKITE T						- <u> </u>		 '		
		FINE-GRAINEDABLUE (SPECULARILES) + K-FELUDPAR			<u> </u>		 			<u> </u> '	<u> </u>	
		OCCUR WITH CALCIE ALONG SLIPPHOE FLANES.						+				
		!	1		1	!	1	1		1	1	

		· DIAMOND DRILL RECORD & LOG	~			•					
LOCAT	$rion: \underline{R}$	WIN TOWNSHIP BEARDMORE ON PROPERTY: METALORE	RESOL	RCES	LTD			HOLE NO:	83-x	7	
LATIT INCLI AZIMU START COMPI PURPO	TUDE: UTH: TED: LETED: OSE:	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	ELEVATIO DRILLED DRILLED	DN: BY: FOR: ~	SRADLE IE 7744	EY DY OKE P	- 205 / 250 (CLAIM NO. SECTION: LOGGED BY DATE LOGGI TD CES L	: <u>Вакв</u> ED : 7)	Kana	<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
		DECODIDATON	CANDER	Con	TACE	Transform					
From	<u>FT.</u> To	DESCRIPTION	NO.	From	TO	LENGTH		AS Au/T	AYS		7
	— "										1
<u>517 –</u>	1212	SAME AS 33.45-35.55	<u> </u>						· []		·
51.10	530	QUARTZ VEIN WITH LOCALLY WEATHERED RED-	9167	51 10	53.0	12.		0.23	C.B	<u>.</u>	+
	20.0	BROWN ALTERATION THAT IS LOCALLY BRECCIATED	1.07		00,0	1.00		040			1-
		AREAS OF VEIN ARE CALCAREOUS FIVE PERCENT									
		DISSEMINATED PYRITE IS PRESENT. SPECTROTIETER						·			
		READINGS 3 at 40,45,40 counts per minute									-
53.0	59.8	SAME AS 33 75 - 35:55								·	╋
59.8"	83.11"	HOMOGENEOUS GREEN DIDRITE SHARP CONTACT.									-[
<u> </u>		MODERATELY TO STRONGLY FRACTURED WITH									1
		BLEBS AND VEINLETS FILLED WITH EPIDOTE									Γ
		(LOCALLY RIMMING K-FELDSPAR), K-FELDSPAR,									
		CHLORITE, QUARTZ AND PINKISH CALCITE.								I	
		DISSEMINATED PYRITE << 1/2% THROUGHOUT.									<u> </u>
	05 6	CAME DE ER P. 27 11 EXCEPT DITERATIONE DOC	· ·	<u> </u>						 	
<u>33.11</u>	TD"	SAME AS 54.8 - 83 IL EALER ALIERATIONS ARE									+
											+
955	101.5	WEAK, LOCAL BRECCIATION OF DIOPITE WITH		1					·		+
- Ha ffert and		PINKISH ALTERATION PINKISH CALCITIC UFINLETS		1		1			1	1.	1
		(< Y4" IN WIDTH) IN ASSOCIATION WITH CALCITE									
	1	MISCENINATEN OVOITE (571 ACTION	1	1	1		- 1	1	1	1	1

	I	· DIAMOND DRILL RECORD & LOG	4									
LOCA	rion: _//	RWIN TOWNSHIP-BEARDIYORE ONT. PROPERTY: METALORE	- REJ	NOURC	ES L	D.		HOLE N	10:	83-	X7-	
								CLAIM	NO.			
		3112.0				•	• .	SECTIO	N :			
LATI	TUDE:	$\frac{1}{100} \circ \frac{1}{100} = \frac{1}$	ELEVATIO	N:		· · · · · · · · · · · · · · · · · · ·		LOGGEI	BY	BARF	Kuit	LSK1
AZIM	UTH:	TO DIP TESTS: None	DBTTTPD	ny D	MAN I C	4 Ror	1 4 71	DATE I	JOGGE	:D :		
STAR	TED: NO	DV. 24, 1983	DRILLED	FOR: M	FTHI	ORE	RES	NP(F	5/	TN		
PURP	LETED:						<u>/ - 0</u>		<u> </u>	<u>.</u>		
		DIEST VEIL		•								
		•										
FE	ET.	DESCRIPTION	SAMPLE	Foot	TAGE	LENGTH			ASS	SAYS		
From	To		NO.	From	То			A	1/7	AgIT.		
1015	117:2	SAME AS 83.11-95.5										
	11110	111.2 TO 112.11 CALCITIC VUGS WITH COARSE-	9168	1112	11211	0.9			·07	0.09		
		GRAINED (18) PYRITE, SPECTROTETER READINGS (2) AT	++ 00	40.0					<u></u>			
		30, 35 counts per minute										
117.0	119.3	SAME AS 95.5-101.5.										
	L											
119.3	126.0	SAME AS 83.11-45.5										
1210	1770	FOME AC OD HE OF F HAVENER ALL COP IS MUNCH				[<u> </u>			
1 abit	1750	SAME AS X.3.11- 955 DOWEVER ALL (OKE IS MUED	<u> </u>	<u> </u>		<u> </u>	·					
		DUE TO ACCIDENT OF FOREFIAN.				· · · · · · · · · · · · · · · · · · ·						•
147.3	179.6	SAME AS 83.11-95:5				-						
179.6	180.8	SAME AS 95.5-101.5									·	
180.8	220.0	SAME AS 83.11 - 95.5. AT 196.2 COARSE-GRAINE	· · ·			·[<u> </u>		_	!		
		PYRITE = 3/8" OCCUR.		<u> </u>		· · · ·			•			
e20 5	90110	CAME AS 600-02.11						<u> </u>				
ado, c	224.0	SAME AS STR 83.11				· [<u> </u>
2240	2420	SAME AS \$3.11 -95.5.	-	1		-	1	1				
Calif				1		1	1					
TAT	-[1	1				· ·

LATIT INCLI AZIMU START COMPI PURPO	CUDE:_/ IN: DTH: TED: LETED: DSE:	44680 DEPARTURE: 15+705 LENGTH: 67.0 -40° CORE SIZE: NQ 1718" 304° DIP TESTS: NONE 01.26,1983 101.27,1983 01.27,1983	ELEVATIO DRILLED DRILLED	DN: BY: <u>B</u> FOR: <u>M</u>	ZADLE ETHC	y Br DRE K	<u>eur (</u> Ztou	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE TD.	ED: TA	3 Ka 2.27
FF	FT	DESCRIPTION	SAMPLE	Fry	AGE	LENGTH		AS	SAYS	
From	To		NO.	From	To			Au/T	AUT	×
	10 5	CASINIC								
$O \cdot O$	10.0	CH3//VQ					_			
0.0	10.15	GROUND CORF						·	┨━━━━┨	
100	10,10	GROUND CORL			•		— <u> </u>		<mark>}</mark> }	
$D D^{\prime\prime}$	19 34	MASSINE FINE-GRAINED GREEN LICUCANIC	9169	12 3"	14 6"	1.2"		0.002	0.04	
10,00	- lul	LOCALLY ERACTURING IS STRONG FRACTURES ARE		المعصف						
		FILLED WITH EPIDOTE: K-FELDSPAR (PINKISH-								
	•	ORANGE) WHICH IS OCCASSIONALY RINNED BY								
		EPIDOTE: QUARTZ AND CALCITIC VEINLETS (< Y4" IN								
		WIDTH) WEAKLY BRECCIATED (LOCALLY) LESS THAN								
		Y2% PYRITE ALTHOUGH, UP TO 2% PYRITE (COARSE-								
		GRAINED) OCCURS IN PLACES. SPECTROMETER READINGS								
		(2) 40 TO 50 COUNTS PER MINUTE.								
<u>19.3″</u>	19.9"	CALCITE + QUARTZ VEIN (6"IN WIDTH) CALCITE	19170	19.3"	19.9"	0.6″	 	0.002	0.03	
		HAS PINK ALTERATION. UP TO 2% DISSEMINATED.	l				-			
		PYKITE, AND WEATHERED SULPHIDES (ORANGE),	·				<u> </u> .			
10.0#	1-14	511107 05 10.0 - 19.2					┝──┼	· · ·		
14:7	60:6	SAME 13 1010 - 17:3.								
101"	1117	OUNETZ VEIN WITH SWI CHIDOITIC CEAMS VEIN	15.0	101	1111	0.9"	╏───┼-		0.00	
0010-	Q II	IS ("IN LENGTH DISSEMINATED AND CADEF-		Joure	T.IQ	<u>O</u> ið	-	001	U'US	
		CRAINED BYRITE ARE MOSTLY FAILUN ALANG CHLADIT	F			<u> </u>			<u> </u>	·
		CENAC JERU LYCU RINK HUC TO OURDER VENI		1					<u> </u>	

	,	· DIAMOND DRILL RECORD & LOG					_				
LOCAT	:ION: //	WIN TOWNSHIP BEARDMORE, ONT. PROPERTY: METHLORE	RESO	<u>URCE</u>	SAD).		HOLE NO:	83-)	(8	
LATITUDE: DEPARTURE: LENGTH: 67.0 ELEVATION: SECTION: INCLIN: -40° CORE SIZE: NQ 17/8" DATE LOGGED BY: BRADLEY BROS KOWAL AZIMUTH: 304° DIP TESTS: NONE DRILLED BY: BRADLEY BROS KTD. STARTED: NOV. 24, 1983 DIP TESTS: NONE DRILLED BY: BRADLEY BROS KTD. PURPOSE: TO TEST OVARTE VEIN									KewALSKI		
FF	DESCRIPTION			E FOOTAGE		LENGTH	<u> </u>	ASSAYS			
From	To		NO.	From	To			Ault	Agt		
61.4"		WALLROCK TO VEIN HASAPINK HUE BRECCIATED STRONGLY FOLIATED. CALCITIC VUGS WITH PINKISH HUE ARE FOUND ON EITHER SIDE OF VEIN. COARSE-GRAINED PYRITE UP TO 5% IS PRESENT WELL BRECCIATED VOLCANIC WITH RED ALTERATION AND Y2% DISSEMINATED PYRITE MINOR, QUARTZ VEINLETS AND BLEBS (WITH < 1/2" CHLORITIC SEAMS) WEAKLY CALCAREOUS. SPECTROMETER READINGS (3) ALL AT 45-50 COUNTS PERITIN	9172. V.	<u> </u>	 			 	0.08		
<i>€2:∓″</i> 	670	SAME AS 10.10-19.3. AT 64.7 QUARTZ BLEB RIMMED BY RED (POTASSIC) ALTERATION THEN BY EPIDOTE QUARTZ ITSELF IS DEVOID OF SULPHIDES. LESS THAN 125 DISSEMINATED PYRITE.								<u></u>	
EOH											
			l								
	 			<u> </u>						•	
			+	 							
	,	· DIAMOND DRILL RECORD & LOG									
-------------------	-------------	--	----------	----------	--------	-------------------	----------------	---------------	---------------	------------	----------
LOCA7	rion: _//	ININ- TOWN SHIP BEAKDIYORE, ONT. PROPERTY: METALORI	E RES	SOUR	KESK	7)		HOLE NO:	83-X	<u>'9.</u>	
						•		·			
								CTATM NO			
-	,	115041 15175 17-200'					• .	SECTION:			
LATI7	TUDE:	$\frac{1}{100} \text{ DEPARTURE: } \frac{1}{100} \text{ LENGTH: } \frac{1}{100} \text{ DEPARTURE: } \frac{1}{100} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{1000} \text{ DEPARTURE: } \frac{1}{10000} \text{ DEPARTURE: } \frac{1}{10000000000000000000000000000000000$	ELEVATIO)N:			_	LOGGED BY	BARE	Kout	4ζ
INCLJ AZIM	IN: UTH:	$\frac{1}{140}$				\mathcal{P}_{-}	. / .	DATE LOGG	ED:		
STAR	TED: N	N/.28.1982	DRILLED	BY: 5	RADE /	Y DRO	<u>.r. / /</u>				
COMP	LETED: N	OV. 28, 1983	DRIMED	FOR: M	-7420	KE KE	500	KLELA	<u></u> .		
PURP	DSE: T(TEST QUARTZ VEIN							•		
BAC	r GRA	UND SPECTROMETER READING(K) 35 C.D.M.			-						
FE	ET.	DESCRIPTION	SAMPLE	FOOT	7GE	LENGTH		AS	SAYS		
From	To	•	NO.	From	То			IAU/T	AgIT		Ē
		CACINC							 / 		ŧ
$\underline{0.0}$	<u>10.0</u>	CAS/NO.					[-		·[1-
200	67.0	HOMOGENEOUS CREEN DUDDITE UNEARLY									<u> </u>
$\underline{0}$	DtiU	HOMOGENEOUS, GREEN, DIORTIE, DEALS			·		<u> </u>		┨────┨		1-
		WITH FRINTE DUDPT SERVITE (YELLOW)CH-									ſ
	<u> </u>	WITH EFINOIL, QUANTE, SCRICTTE WELLOWING						``	·[}		Г
		KEINIETS AND RIERS CALCAREOUS VEINIETS VIK	k						╏╍╍╍╾┠		ſ
·	ţ	HAVE PINK HUE (VINCS IP TO 24 IN WINTH) ASSACIATE	5				· · ·				Ē
		XXIITH-K-AITERATIONI (< 2" BANDS) IS DISSEMINATE	×								Г
		PYRITE (2%) () FATHERED SULPHIDE STAINING (SPAY							<u>├</u> ───}		ſ
<u>4.</u>		IS PRESENT LOCALY.							1		1
											ſ
57.0	59.2"	QUARTE VEIN. WITH PYRITE 15: CALCITE WITH	9173	57.0	59.2	2.2."		0.01	0.07		٢
		RYRITE 1% AND WALLROCK WITH 3% PYRITE.		×							ſ
		CHI ORITIC SEAMS IN QUARTZ VEIN CARRY PYRITE								•	ſ
		WALLROCK IS WEAKLY BRECCIATED WITH K-									ſ
		ALTERATION.						·			ſ
											Ĺ
<u>59.2'</u>	1266"	SAME AS 10.0-57.0 AT 104.0-107.7; 114.6-115.8; HA	-145.3							l	Ĺ
		WEAKLY BRECCIATED DIORITE WITH K-ALTERATION									ſ
		MAFIC MINERALS IN DIORITE ARE WELL		<u> </u>							Ĺ
<u> </u>		FOLIATED. BRECCIATED AREAS ARE IN SHARP	<u> </u>	ļ					ļ!	L	1
	į	CONTACT WITH UNDEFORMED DIORITE LOCALLY.			1		1			ł	!

· DIAMOND DRILL RECORD & LOG				-					
LOCATION: IRWIN-TOWALSHIP BEAKDHUKE, ONT PROPERTY: METALORE	E RESO	<u> ÚRCE</u>	<u>-5 KT</u>	D.		HOLE NO:	83-	X9.	i
					-				
LATITUDE: DEPARTURE: LENGTH: 172.0' INCLIN: 40° AZIMUTH: 342° STARTED: NOV. 28,1983 COMPLETED: NOV. 28,1983 PURPOSE: TO TEST QUARTE VEIN.	ELEVATIO DRILLED DRILLED	n: by <u>: Br</u> for: <u>M</u>	<u>ADLEN ETRA</u>	Y BRO ORE	- <u>S. X.7</u> RESUL	CLAIM NO. SECTION: LOGGED BY DATE LOGG	: <u>BAR</u> ED: 	<u>3 Kîn</u>	 IACSKI
DESCRIPTION	CAMPLE		-	TENICITY		.	CONC		
From To	NO.	From	/+(3E To	TENGLU		1 0.1	TIACH	r	1
			<u> </u>				10911		
UP TO 135 COARSE-GRAINED PYRITE OCCURS.									
						·	-		
126.6" 129.7" MASSIVE, FINE-GRAINED VOLCANIC WEAKLY	_		· .						
MAGNETIC' SHARP CONTACTS WITH DIORITE.							_		
WEAKLY FRACTURED WITH K-FELDSPAR, QUART	Ζ					· · · ·			<u> </u>
EPIDOTE AND CALCITIC VEINILETS (4/4").	/						_		<u> </u>
LESS THAN 125 DISSENNATED YYRITE THROUGHOU	T								<u> </u>
					·				
1297" 150.3" SANE AS 59.2-126.6	-						-		
							1		
503"152 O POTASSIC ALTERATION IN DIDRITE QUARTZ	9174	150.3	152.0	1.9"		0.00	a no		
NICROVEINVETS AND CALCITIC VUCEACCUR			have			perioa	a cura		
THEOUGHOUT UP TO 22 COARSE-GRAVEDQUEIT		·}							
$\square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square $	<u></u>							┨╼╴──	
			<u> </u>					•	,
TAD TOD SALT AS 60 2 12/1							-		
Ball Ita OLSAME AS ST. a- 1206			 		·				
AL 16+97-168:2 POIASSIC - ALIEKA HON WITH	, 		.	· · · ·		<u>·</u>			
PYRITE 110 CALCITIC VEINLERS (444 IN WIDI MI	<u>/</u>		.						
AND QUART'E MICKOVEINLEIS			<u> </u>				_		
		J							1
EOH			<u> </u>					<u> </u>	
		<u> </u>	<u> </u>						
	1	1	1	1		1	1	1	

LATIT INCLI AZIMI STAR	FUDE: // IN: UTH: TED: //	$\frac{+50 \text{W}}{45^{\circ}} \text{ departure: } 5+705 \text{ length: } \frac{18}{10000000000000000000000000000000000$	36.0' 17/8" NE	ELEVATIC DRILLED DRILLED	N: BY: <u>Re</u> FOR: [7]	9)1 E 5 F 77+1	DEOS DEF	- 1 <u>X7</u>).	CLAIM NO. SECTION: _ LOGGED BY: DATE LOGGE	BARI	<u>3 Kau</u> U-294
BA(CKGPO	<u>UND SPECTROMETER (K) READIA</u> DESCRIPTION	16 05 C.P	SAMPLE	Fay7	4GE	LENGTH		ASS	SAYS	
From	То			NO.	From	То	ļ		Aut	Aq/T.	
0.0	327.5"	CASING									
											}
22.5"	86.1″	HOMOGENEOUS, GREEN, DIOKITE, WEA	KLY FRACTURED								
		WITH BLEBS AND VEINLETS FILLED	WITH_		·			[.]			
	 	EPIDOTE K-FELDSPHR, CALCITE, QUHITZ	LOCALJ				·		<u> </u>		}
	 	WRITELS WEAKLY BRELCIATED WITH TO	TAJJIC -								
	 	ALTERATION, AND SUG COARDE -ORTH	NED FYRIC	,	 						
	<u> </u>	MAPIC MINERHIS IN DIUKITE MEC LI	XALLY WELL	/							·
	ł	TOLIA/ED DIOKITE D WEAKS ITTO	NETIC.					·			
₩ ₽/_]″	QUH	NIDOTZ VICINI INTE ENTANIC ALTER	ATTAL	0128	00 /"	09 2"	h 24		To	!	
00.1		OPETTERMETTER PIEDNALCARE UEINI 34	A	TITO	02.6-	<u>ar</u>					
	<u> </u>	CALLANTE OFP MININTE MODETZ VEIN	3111 VINTH				·				
	ł	12 PUDITE (DISSENIAIATED)	S IN MININ								
											
	<u> </u>	SCI-XXL INALIPORT TO AUARTZ	IFIN	9177	96.F	X8.6"	157	—— —		 '	
		ROFFICIATED WITH K-AITERATION. 1	T IS WEDKLY		Der	00.~	and			<u> </u>	
	<u> </u>	HAGNIETIC ONAPTZ AND CALCITIC VEL	ALIET UP								
	·[TA 5% DISSEMINATED PYRITE.	VICE JE VE				<u> </u>				
i	 	REFETER READINGS (2) 30 COU	NIT PER								
		INIAIUTE. I NEAR BACKGROUND)					11				<u> </u>
	1	WALLROCK SAME AS 86.1.	-88.6				1				
(.	09 2 OULI VII SPECTED NETED DEDNIGG UN	CANATS REP NIAL	9179	29 211	94.1	5.111		To		

- DIAMOND DRILL RECORD & LOG										
WATION: IRWIN-TWSP BEARDMORE, ONT. PROPERTY: METALO RE	KEJOU	RCES	LTD			HOLE	NO:	<u>83-</u> X	10	
LATITUDE: DEPARTURE: LENGTH: <u>186-0'</u> INCLIN:45° CORE SIZE: <u>NO1748 9</u> AZIMUTH: D4° DIP TESTS: <u>NONE</u> STARTED: <u>NOV. 29, 1983</u> COMPLETED: <u>NOV. 29, 1983</u> PURPOSE: <u>TO TEST OVARTZ VEIN</u> .	ELEVATIO DRILLED DRILLED	DN: BY <u>: Bk</u> FOR: M	ZADLE TALCK	Y BRO	- TOUR	CLAIM SECTI LOGGE DATE	I NO ION:_ ED BY: LOGGE	Brila D: AX	uo.ka 1. 29	
FEET DESCRIPTION	SAMPLE	Foo	TAGE	LENGTH			ASS	AYS		
From To	NO.	From	То				Au/T	Aq/T.		
94.4 106.4 SAME AS 22.5-86.1					-			-		
106:4 107.0 QUARTZ VEIN WITH CHLORITIC VEINLETS.	9180	106,4	107.0	0.6"		0	204			
PYRITE (1550) IS FOUND IN THESE VEINLETS.										
MAUROCK INMEDIATE TO QUARTE UEIN IS	-]				·		<u> </u>	·		
SPECTROMETER READING 35 COUNTS PER MINUTE.	<u>. </u>	· [·			- -					
107.0 186.0 SAME AS 22.5-86.1.					 			+ +		·
EOH.	+				 			-		
						-				<u></u>
· · · · · · · · · · · · · · · · · · ·			·							
	·									بر معمد المناسبين .
	┨────	+								
	_									
									·	<u> </u>
					<u> </u>					

DIAMOND DRILL RECORD & ING	X
LOCATION: KWIN TWSP-BEARD MORE ONT PROPERTY: METALORE RESOURCES LTD	HOLE NO: 83-X/1
LATITUDE: 115012/ DEPARTURE: 57705 LENGTH: 1070 INCLIN: -45° AZIMUTH: 40° STARTED: MON. 39, 1983 COMPLETED: NON. 39, 1	CLAIM NO. SECTION: LOGGED BY: Drub Kourchiki DATE LOGGED: Nov 29,1982 D. ES 47D.
FEET DESCRIPTION SAMPLE FOOTAGE LENGTH	ASSAYS
From To NO. From To	HULT HOLT
From To NO. From To $0.0 / 0.0$ $CASING$ $IOIO$	HUT HAT

Ft	eT .	DESCRIPTION	SAMPLE	FOD	TAGE	LENGTH		ASS	AYS		
From	То		NO.	From	То			Auto	AdT		
0.0	10.0	CASING.									
10,0	6.3"	INTERMITTENT GROUND CORE FROM 10.01-23.01			•						
		HOMOGENEOUS GREEN, DIORITE, WEAKLY FRACTURED					·				
		JITH BLEBS AND VEINLETS FILLED WITH QUARTZ								ł	······
		EPIDOTE, K-FELDSPAR, CALCITE, FP-CARBONATE.		··						l	
		LOXALLY EPIDOTE RIMS K-FELDSPAR. LESS IHAN									
		a DISSEMINATED PSKITE THROUGHOUL WEARLY							╷╼╾╾╾╋	<u> </u>	
		MAGNETIC.					·		·		
(1 20	70 OF	MUNERTZ VIEIN MUTH POTASSIC ALTERATION	9121	613"	70 7	9911		0.04			
1012		IN PINK ON OTO MUCS VEINLETS AND RIFES	1101	Of in	IV.a.	0,7					
		MOST OF PHRITE IS CONCENTRATED.									
		THE REMAINING PURITE IS FOUND ALONG						· ·			
		CHLORITIC VEINLETS WITHIN QUARTE PURITE									
		CONISTITUTES 15% OF VEIN.									
		SPECTROMETER READINGS (6) THREE AT					· · · · ·	· ·			· ·
		30 COUNTS PER MINUTE: THREE AT of COUNTS									
		PER MINUTE.									•
70.3	89.4	SAME AS 10.0-61.3									
									I		
	ŧ.	1	1	•	•	۲	, ,	1	1	,	

		DIAMOND DRILLS RECORD & LOG			<u> </u>							
LOCAT	10N:K	WIN TW P-BEARDNORF, ONT. PROPERTY: METALORE	KESOU	RCES	LID			HOLE	NO:	83 X	-11	
LATIT INCLI AZIMU STARI COMPI PURPC	CUDE: N: DTH: CED: ()(LETED: () DSE: () DSE: ()	DEPARTURE: LENGTH: 1070 -45° CORE SIZE: NQ 17/2" DIP TESTS: NGNE DU. 29 1983 OV. 29 1983 TEST QUARTE VEIN	ELEVATIO DRILLED DRILLED	N: BY <u>: & &</u> FOR: <u></u>	ADLE ETRU	Y BROS DRE R	- Erou	CLAI SECT LOGG DATE	M NO. ION: ED BY: LOGGE	D: 7/1.	- Keny 2. 29, 1	19.00.
			CANDLE	5007	-1.05	TENOTH			AC(
From	TO	DESCRIPTION	NO.	From	170C TO	LENGIN		i	L. IT	Le. IT		T
		· · · · · · ·_						+	<u>run</u>			<u> </u>
37.4	INF.C	MASSIVE GREEN, FINE-GRAINED MAFIC VOLCANIC.										
		WITH WEAK FRACTURING. VEINLETS AND RLEBS								· · ·		
		ARE FILLED INITH CALCITE, QUARTZ, K-FELSPAR,										
		F-CARBONATE AND EPIDOTE. LOCALLY VOLCANA	· 				!			 		
		IS WEAKLY FULLATED AND BRECCLATED.							·			
		PARITE CONSTITUTES 130 OF THIS SECTION.										·
		SHARP CONTACT WITH DIORITE.		 		ļ		<u>+</u>		 		.
										├		<u> </u>
:OH	·		'	 		ļ!	·					
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CONTROLS, & US VAN

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1	÷	DIAMOND DAILE AECOND & DOG									
LOCAT	CION: R	WIN-TOWNSHIP BEARDMORE, ONT. PROPERTY: METALORE 1	RESOU	RES	LTD.			HOLE NO: S	<u>'3-X</u>	12	
LATIC INCL AZIMI STAR COMP PURPO	TUDE: IN: JTH: TED: LETED: OSE:	1+50W DEPARTURE: 15+70S LENGTH: 950 CORE SIZE: NO. 17/8" DIP TESTS: NONE DV. 30, 983 DV. 30, 983 TEST QUARTZ VEIN	ELEVATIO DRILLED DRILLED	DN: BY <u>: fk</u> FOR: <u>M</u>	PADLE ETALOI	Y BRO SE RES	S LTI	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE	<u>Ballrk</u> D <u>:77</u>	<u>Ducil</u> 5.3019	
SP	ECTRO	METER BACKGROUND READING (K) DSC. p.m.			-						
FEE	T.	DESCRIPTION	SAMPLE	Foo	TAGE	LENGTH		ASS	SAYS		
From	То		NO.	From	То			Fult	Pq/T		
00	20	CASING									
00	0.0	CASING							ŀ		
0.0	27 11	20 TO ISA INTERNITAT CROWNIN CORE							<u> </u>		
	201	HOMOCENTERIS CREENI DIORITE INFOULY MOCHTER			•						j
		TUNUAENEOUS, GREEN DIONTLE. WEARLY THONEIL							├─── ╊	ł	
		WEAR FRICIORED WITH OLERS AND VEHILES		·							
		TILLED WITH OUFRIZEPIDOLE REFELDSPAR							}		
	<u></u>	CALLIFE AND FEECAREONALE TAAN 1/0									
	<u> </u>	DDJERINKTED PYKILE THROUGHOUT.							∔		·
100.14	11. 74						•				
1 <u>58</u> 1	1-41-2	MASSIVE FINE-GRAINED GREEN MAFIC VOLLANIC							 		i
		WEARLY MAGNETIC SAME DEGREE OF FRACTURIN	<u>k</u>						}		
<u> </u>	<u> </u>	AND FILLINGS AS 8:0-38-1. PUTASSIC - ALTERALION									į
	<u> </u>	CUCURS AS DESCRETE = 3" ZONES WITH QUARIE		 							<u> </u>
	<u> </u>	AND CHLOKITE. IN THESE AREASUP TO 1/2 PARILE									
	<u> </u>	(DUSEMINATED) IS CONCENTRATED									
<u></u>					~ ~ ~						
141.3"	45.0	SAME AS XO-381. LOCALLY 3" CALCITIC LPINK)	AIR3	89.3"	40.0	10 inches	_	·			
L		VEINS WITH WEAKLY BRECCIATED WALLROCK [PINK-		<u> </u>							
		GREEN) OCCURS WITH 220 DISSEMINATED PYRITE.									· .
		SPECTRUTETER READINGUESI OF CALCITE 25 COURS FER MINUTE								I	İ
·		+7.5- HOVARTE WEIN WITH POTASSIC ALTERATION	14189	[]]]]	78,+"	1,2 "		002		<u> </u>	
		HAND CHLORITIC VEINLETS UP TO 530 PYRITE IS	<u> </u>	<u> </u>			 				
1	1	IFN NO INTH POTATIC & CHLOPITIC ALTERATIONS	1								

	· DIAMOND DRILL RECORD & LOG										
_CATION: _	RWIN- TOWNSHIP BEARDMORE, CNT. PROPERTY: METALORE R	ESOURC	ESK	.TD.			HOLE	NO: 5	<u>73-X</u>	12	
LATITUDE: INCLIN: AZIMUTH: STARTED: <u>NV</u> COMPLETED: PURPOSE: <u></u>	DEPARTURE: -60° -60° CORE SIZE: NG 17/8″ DIP TESTS: NONE OV. 30, 1983 NOV. 30, 1983 NOV. 30, 1983 DIP TESTS: NONE	ELEVATIC DRILLED DRILLED	n: by: <u>B</u> k for: <u>M</u> e	ADLE. TALC	Y BRO. KE RE	- <u>5 77</u> JOL	CLAI SECT LOGG DATE	M NO ION: _ ED BY: LOGGE	<u>Zir.</u> D: 7]. D_	Kanya n X	 19:22:
FEFT	DESCRIPTION	SAMPLE	T Foo	TAGE	LENGTH			ASS	AYS		
From To		NO.	From	TO]	
	CALCITIC MICROVEINLETS OCCUR IN THIS SECTION SPECTROMETER READING OF OVARTE VEIN 30 COUNTS PER MINUTE										
					-						<u> </u>
									·		
						<u> </u>		 	I	<u>ا</u>	<u> </u>

LOC	ATION: 1	LUINE TOWEVENIP BEARDMOKE UNT PROPERTY: LIETALCINE	KESOU	RCES	KT.D			HOLE	NO: 5	<u> </u>	(13.	
LAT INC AZ: STI COI PUI	TITUDE: LIN: MUTH: ARTED: APLETED: RPOSE:	0+5762 DEPARTURE: 5+005 LENGTH: 1076 -45° CORE SIZE: NG 17/8" 342° DIP TESTS: NONE NON 30.1983 NONE NON 30.1983 DIP TESTS: NONE NON 30.1983 DIP TESTS: NONE	ELEVATIO DRILLED DRILLED	n: by <u>: f</u> for: <u>[1</u>	EDLE'	LE RE	- 17) 500k	CLAI SECT LOGG DATE	M NO. ION: _ ED BY: LOGGE	20:740	- tang 2.34	1.1ku 1983
	FFET	DESCRIPTION	SAMPLE	FOO	TACE	LENGTH			AS	SAYS		
From	n To		NO.	From	To			1				
0.0	80	CASING						1				
5.0	58.5"	80 9 14.3 INTERMITTENT GROUND CORE										
		HOMOGENEOUS, GREEN, DIORITE, WEAKLY FRACTURE	0									
		WITH BLEBS AND VEINLETS FILLED WITH WARTZ,							·			
		EPIDOTE, K-FELDSPAR, CALCITE. POTASSIC-							·····			
		ALTERATION VERY POORLY DEVELOPED. WEAKLY										
		MAGNETIC. ONE PERCENT DISSEMINATED PYRITE					·					
		PRESENT.					·					
58.4	5 68.6	MASSIVE FINE-OKAINED MAPIC VOLCANIC.										
		MODERATELY FRACTORED WITH SHALL FILLINGS										
,		15 PEPITERNICE NUMBER										
		INSTANIEL DISETTINATED.									 ,	
186	11 1020	SAME AS 80-58.5 EXCEPT LOCALLY CALCITE	· .									
00.0		IS RIMMED BY K-FEIDSPAR AND FR-CAPPONATE				· ·	<u>`</u>					
FOI	-	LOCALLY IT IS WEAKLY BRECCLATED ONE		[
∍.VJ.	·	PERCENT DISEMINATED PYRITE (LOCALLY 5%										
		PYRITE IS PRESENT).										
	410											
			ļ	<u> </u>								<u> </u>

		· DIAMOND DRILL RECORD & LOG								-X-	
L	CATION:_	IRWIN-TOWNSHIP BEARINIDRE, ONT PROPERTY: METALORE	RESOUR	CEL	TD_			HOLE NO: -	8.3-X	14	
L I A S C P	ATITUDE: NCLIN: ZIMUTH: TARTED: OMPLETED: URPOSE:	2+50 DEPARTURE: 12+605 LENGTH: 1870 -45° CORE SIZE: NO 17/8" J42° DIP TESTS: NONE DEC.1 DEC.1 3-55+ CARBONATE ZONE (NICKED EDGE OF QTZ-CARB VE	ELEVATIO DRILLED DRILLED	N: BY: B FOR: M	RADLI ETALO	EY BR KE RE	205. K	CLAIM NO. SECTION: _ - LOGGED BY: DATE LOGGE _TD RCES & TD	Bails DE DE	Kowald	£i
	FFET	DESCRIPTION	SAMPLE	For	TAGE	LENGTH		AS	SAYS		
Fr	om To		NO.	From	To			+917			
0	.0 12.0	CASING									
12	0 92.0	12357 FT. INTERMITTENT GROUND CORE.			•						
		MASSIVE, FINE-GRAINED, DARK-GREEN VOLCAN	K.				·•				
		WEAKLY FRACTURED WITH EPIDOTE CALCITIC	Fe (Oz								
		BLEBS AND VEINLETS, QUARTE IS PRESENT									
		IN THE FORM OF MICROVEINLETS, ANS 2 ATEVEIN	-0328	44.2	50:0	10//		0.01	┟╍╍╍╉╴		
	flocal	YVOLCANIC IS WEAKLY TO STRONGLY BRECCIATED								·	
		ZONES OF << 12"). LOCALLY, THERE IS AN					·		 		_
		INCREASED NUMBER OF GUARTE MICROVEINLET	<u> </u>						 		
		EPIDOTE-AND POTASSIC-ALTERATIONS (BUT NOT	T	`					┠━━━━┣━		
		OVER ANY SIGNIFICANT WIDTAST. LESS THAN	.		<u> </u>				┣───┣		
		1/0 DISSEMINIA/ED PYRITE WEARS MAGNETIC.							┝━━━━┤━		_
02	O INT	"HOMOGENIEDUS CREENI DIORITE SUDIRO							<u>├</u>		• • •
1a	U HUT	TOTOGENEOUS, GREEN, DIORITE, STARP									
		LONTH UTH VOI CANCE WEAKS THONE	(f				i		┝───┼╸		
		CARRONATE AND ERIDOTE MICRONEINIERS									
		LESS THAN IS DISSEMINIATED PYRITE									
			1								-
IDT	6 159	5 SAME AS 12-92.0. SHARP CONTACT WITH									-
		DIORITE.									
	1		1	1			I 1		1 E		

LOCAT	ION: I	KWIN - TOWNSHIP BEARDMORE, OUT. PROPERTY: HETALORE	RESO	UKCE	5 67	D,		HOLE NO:	83-,	X/4	
LATIT INCLI AZIMU STARI COMPI PURPO	NUDE: N: TH: TED: DETED: DSE: T	DEPARTURE: LENGTH: 1870 -45° CORE SIZE: NQ 17/8" DIP TESTS: NONE EC. 1 1983 EC. 1 1983 DEC.	ELEVATIO DRILLED DRILLED	n: by: <u>B</u> k for: <u>M</u>	ADLES ETALO	I BROS RE RES	LTD OURCA	CLAIM NO. SECTION: LOGGED BY DATE LOGO	BEAVE TREN	ERDAM CH Loualo a /.	- Tui
FEE	T. To	DESCRIPTION	SAMPLE NO.	F007	7 <i>GE</i> To	LENGTH		A	SAYS		
159.5 EOH	187.0	SAME AS 9.2.0-107.6. SHARP CONTACT WITH VOLCANIC.						·	- · · · ·		
			_								<u> </u>
										· · ·	· · · · · · · · · · · · · · · · · · ·
											·····
		· · · · · · · · · · · · · · · · · · ·									

4							. <u></u>			
LOCATIO	ON: LRWIN TOWNISHIP, BEARDMORE, ONT. PROPERTY: METALORE R	ESOUR	CES			HO	LE NO:	<u>83- X</u>	15_	
LATITUI INCLIN AZIMUTI STARTE COMPLE PURPOS	DE: $10+00E$ DEPARTURE: $14+155$ LENGTH: 1300 : -45° CORE SIZE: $NQ 17/8''$ H: N DIP TESTS: $NONE$ DIP TESTS: $TED: DEC. 1.1983$ E: $TO TEST QTZ - CARB FONE$	ELEVATIC DRILLED DRILLED	DN: BY: B FOR: [7]	- RADLE ETALC	Y BRO DR F RI	CL SE LC DA S. L.T.D. E.SUUR C	AIM NO. CTION: GGED BY: TE LOGGI <u>FS L</u> Sulvace	BEAVE IRENC Dails D: DE TD Kou	RDAL H. Koursi C. I.J. xalo!	1_ Zoki 2P3 Ki
BACK	GROUND SPECTROMETER READING (K) 250	·p·m·						····		
FEET	DESCRIPTION	SAMPLE	FOOT	MGE	LENGTH		AS	SAYS	<u> </u>	
From		NO.	From	То			Aut	AgIT	 	
0.0	60 CASING									
7								\downarrow		
6.0_6	28.9 HOMOGENEOUS, GREEN, DIORITE. WEAKLY HACTURED			·				 _		
	WITH POORLY DEVELOPED EPIDOTE- POTASSIC-AND						-	┨╂-		
	CHLORITIC - ALTERATIONS. CARISCINATE DE INLEIS ARE							•		
 	RIMMED WITH K-FELDSPARWHICH IN TOKN		···	·					-	
 _	IS RIMMED BY EPIDOTE COARTE MICROUEINLEN							┟────┼╸		<u> </u>
	ARE PRESENT THROUGHOUR LOCALLY STORITE D									
	WEAKLY BRECCIAIED WITH VERY POOR POTAJJIC-							├ ────-}-		
	ALTERATION. WEAK MAGNETICS. LESS THAN 12		<u> </u>					 _	<u> </u>	
	DISSEMINATED PYRITE.		·				-			
68.9.0	69.4 DARK GREEN, FINE-GRAINED, MASSIVE, UCLCANK	9184	68.9	69.4	7″		0.03	0.18		
	QUARTZ STRINGERS THROUGHOUT CHLORITE AND			····						
	CARBONNIE BLEBS AND VEINLETS ARE PRESENT									
	LESS THAN IS DISSEMINATED PYRITE.									
					· · · ·					· · ·
69.4	70,3 WWELL-FOLLATED DARK GREEN CHLORITE.									-
	CARBONATE, POPASSIC - ALTERED SCHIST.									-
	SPECTROMETER READING 35 COUNTS PER MINUTE.	<u> </u>							T	
	IEN TO FIFTEEN PERCENT DISSEMINATED PYRITE								. <u> </u>	
	INEAKLY MAGNETIC	ļ	·							
		· · · · · · · · · · · · · · · · · · ·	ļ					 		•
		1	14			I				

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•	.10N: _]	RWIN TOWN: SHIP, BEARDMORE, ONT. PROPERTY: METALORE !	RESOUR	CESK	-7).			HOLE NO:	83-	X15	
LATIT INCLI AZIMI STAR COMP: PURPI	NUDE:	<u>2+00E</u> DEPARTURE: <u>14+155</u> LENGTH: <u>1300</u> <u>450</u> <u>N</u> <u>N</u> <u>N</u> <u>CORE SIZE: NW 17/2"</u> <u>DIP TESTS: NW F.</u> <u>EC. 1.1983</u> <u>EC. 1.1983</u> <u>DIP TEST QTZ-CARB ZONE</u>	ELEVATIO DRILLED DRILLED	N: by:B for:M	RADU EZALI	EY BR DRE RI	- 	CLAIM NC SECTION : LOGGED E DATE LOC LTD CES L	· <u>BEF</u> _ <u>TKE</u> X: <u>B</u> al KGED: <u></u> TD	VER NCH LEKOU VECI	DALY Tabli 1983
											•
FFF		DESCRIPTION	SAMPLE	FOO	TACE	LENGTH	<u> </u>		ASSAYS		
From	То	f · · .	NO.)	From	TO	1		1 Aug	TTAG/T		
			,	{	1	1 1				,	
70.2	75.8	WERY WELL-FOLIFITED, CHLORITIC VOLCANIC'	·['	·[]	I!	I'	-			'	.
'	 '	POOKLY DEVELOPED PINK-ALIEKHIJON.	·'			← '			·	<u> </u>	
!		KESS THAN STO WUNKIE HND CARCINE	·'	{}	·	t'	}			'	
	 '	NRINGERS AFN IMAN X/S DISCITINATION	['	·	(·)	i'	-		_	+'	
	<u> </u> '	PJR/IE.	· ['	·•	··	·'	1			'	
75 8"	82.3	MUARTZ - CARRONATE - CHLORITIC SCHLST	9/85	75.8	182.2	164"	-	0.0	F0.07	'	
File	1000	INITH PRITASSIC (PINK) ALTERATION, BLACK		[1 min	1				1	
þ	<u></u>	WHARTZ IN HICPOUEINLETS PRESENT TEN	· [,	[];	()	1	1.		-	+	
	ł	TO FIFTEEN! PERCENT PYRITE AND 44 /2 50	, ,		1	1 ,	1			·[,	
		CHALCOPYRITE SPECTRINIETER READINGS (4)	[· · ·	it	,,	1				·
		AT 30, 30, 35, 35 COUNTS PER NINUTE.	,	j	,,	1				-	\square
			,	[]	· /	1			-	<u>+</u>	<u> </u>
82.2"	88.8"	DARK RED-GREEN MASSIVE FINE-GRAINED	9186	87.2	188,8"	1610		0.00	510-01		
		VOLCANIC WITH LOCAL QUARTZ, CARBONATE.			1	1			4		
		CHLORITIC VEINS (< YQ" IN WIDTH).			1'	1′			-		1
		POTASSIC - ALTERATION > SPECTROMETER READINGS	'	,	·'	· '					
		(5) 35,38,36,35,40. VOLCANIC IS VERY		<u> </u>	.[]	.['				′	
		HARD. FIVE TO TEN PERCENT DISSEMINATED	′		1'	.[′	.[]				
		PYRITE.	′	<u> '</u>	.['	.['					
				 '	 '	! '				'	
	_	·		<u> </u> '	۱ ــــــــــــــــــــــــــــــــــــ	·'			_	_ _ '	<u> </u>
		A.		·'	t'	<u>+</u> '	}			'	<u> </u>

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.	ion: Ik	WIN TOWNSHIP, BETHEDHORE, ONT. PROPERTY: METALORE RE	ESOUR(ES		·		HOLE NO: 8	<u>3-x</u>	15	
LATIT INCLI AZIMU START COMPL PURPO	UDE: N: TH: ED: ETED: OSE:	DEPARTURE: LENGTH: 130.0' -450 CORE SIZE: NO 17/8" DIP TESTS: NONE DEC.1 DEC.1 TEST QUART? - CARBONATE ZONE.	ELEVATIC DRILLED DRILLED	DN: BY: FOR:	LADLE ETAL	Y BRC DRE RC	- 55. L7 - 50 U	CLAIM NO. SECTION: LOGGED BY: DATE LOGGE D. C(ESA7	BEAU TRET Bail D: Dt	<u>ERDA</u> NCH rKowi F(.1	rt_ alski
FEL	T	DESCRIPTION	SAMPLE	Finz	AGE	LENGTH		ASS	SAYS		
From	To		NO.	From	TO			AU/T.	AgIT		
88.8"	96.5"	DARK GREEN, MASSIVE, FINE-GRAINED VOLCANIC. WEAKLY EPACTURED WEAK ALTERATIONS (EPIDOTE, POTASSIC (PINK), ONE PERCENT DISSETTINATED PYRITE. (WEAKLY BRECCIATED RED-DARK GREEN VOLCANIC CARBONATE BLEBS AND VEINLETS, STAINED WITH PINK-ALTERATION, VOLCANIC HAS BEEN SILICIFIED, LESS THAN 5% PYRITE (DISSETTINATED SPECTROMETER READINGS (FIVE) AT 25 COUNTS PER MINUTE.	9187	96.5" 97:8"	 977.07 102:35	5.2		<u> </u>			
102.3"	130:0	AT 97.0 - 97.8 STRONGY CHLORITIZED, CALCIFIED WITH VERY WEAK POTASSIC (PINK)- ALTERATION, FIVE PERCENT DISSEMINATED PYRITE, MASSIVE DARK GREEN, FINE-GRAINED,	9188	97,0	97.8*	<u>8</u> "	· · · · · ·	0.01	0.03		
EOH_		WEAKLY FRACTURED VOLCANIC. CHLORITIC VEINIETS THROUGHOUT. VOLCANIC IS VERY HARD. LOCALLY IT IS WELL FOLIATED, CARBONATED AND WEAKLY BRECCIPTED. LESS THAN THREE PERCENT DISSEMINATED PYRITE.			· · · · · · · · · · · · · · · · · · ·						

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4	1	DIVINI NYTH VECOM & DA	10								÷.
LOCAT	10N: _ <u> </u> K	IXIN - IOWNSHIP, DEARDYUKE, UNT PROPERTY: METALORE	RESOUR	RES			-	HOLE NO:	<u>83- X</u>	16	
LATIT INCLI AZIMU STARI COMPI PURPO	NUDE: IN: JTH: TED: DE LETED: D OSE: TO	<u>1400F</u> DEPARTURE: <u>1405</u> LENGTH: <u>140</u> <u>15°</u> <u>N</u> <u>C.3, 1983</u> <u>EC.3, 1983</u> <u>TEST QUARTZ Y CARBONATE ZONES</u>	ELEVATIC DRILLED DRILLED	N: by <u>: B*</u> for: <u>M</u>	<u>PADLE</u> ETAL	y Bro DRE RE	SOURC	CLAIM NO. SECTION: LOGGED BY DATE LOGGI	BEAVE	ERDA ENICJ 3 Kow 7 C 3,	L B L B L
FF	ET	DESCRIPTION	SAMPLE	EDO	TUCE	LENGTH		AS	SAYS		
From	To		NO.	From	To			I Ault.	AgIT.	[J
0.0	10.0	CASING									_
10.0	54.0	INTERMITTENT GROUND CORE FROM 10070 28.3.			· .				· · ·		-
		HOMOGENEOUS, DARK GREEN, DIORITE, WEHKLY MAGNETIC, WEAKLY FRACTURED IN VEINLETS									-
	<u>├</u>]	AND BLEBS OF EPIDOTE, CARBONATE QUARTES	·							 	-
F]	<u>i</u>	ACCOMPANIED PINK-POTASIC ALTERATION.									-
	[]	LESS THAN 1/2 & DISSEMINATED PYRITE.									-
[†]	 	AT 28.3 THERE IS A FIVE INCH LENGTH OF	-						,		
[]	[†]	PERCENT DISSEMINATED PURITE								·	•
54.0	65.6	WELL FOLIATED MAFIC MINERALS IN DIORITE.	9190	54.0	65.6"	11.6"		TR			•
	<u> </u> '	AND VEINS (WHERE VEINS REACH TO 3" WIDTHS	2	 							-
ļļ	· ['	THROUGHOUT. LOCALLY DIORITE IS WEAKLY BRECCIAT	<u>م</u>	 							-
'	· · · · · · · · · · · · · · · · · · ·	STRONG POTASSIC - ALTERATION, SPECTROMETER								<u> .</u>	,
	1	18-01, NOS ON THESE AREAS 15 35,30,25,25,2530+30		T							

LOCATI	:0N: <u>1</u>	WIN TOWNSHIP, DEARDMORE, UN. PROPERTI: DETALOKE K	KEJOU)KE		-		HOTE WO!	<u>X:3-1/6</u>	٤
LATITU INCLIN AZIMUT STARTH COMPLI PURPOS	JDE: i: TH: ED: ETED: SE:	DEPARTURE: LENGTH: //4.0' 50 CORE SIZE: NQ 17/8' DIP TESTS: NONE. 1 C.3. F182 C.3.	ELEVATIO DRILLED DRILLED	n: by <u>: B</u> ≱ for: <u>∏</u> {	radka EZALE	BRUS RE KE.	- SOUKC	CLAIM NO. SECTION: LOGGED BY DATE LOGGE	BEAVERD TRENI Ball-Ka D: Dec	
FCF	27-1	DESCRIPTION	SAMPLE	ENT	TAGE	T.ENGTH		AS:	SAVS	
From	TO		NO.	From	TO			AUT		
		THERE ARE ALSO < 1/2" VEINLETS AND STRINGERS OF RED-BROWN FE-CARBONATE. (4%).								
5:6" (69.4 "	INTERMITTENT QUARTZ - CARRONATE VEIN,	9191	65.6"	<u>67;4.''</u>	3./0"		0:24		
		WALLROCK IS VERY WEAKLY BRECCIATED. RED IN COLOUR WITH CHLORITIC STRINGERS. UP TO 510 DISSEMINATED PYRITE.								
		SPECTROMETER READINGS (3) AT 30,25,25 COUNTS PER MINUTE.		· .						
<u>.9.4</u> "	89.0	SAME AS 54.0-65.6. EXCEPT ONE PERCENT " BLUE METALLIC LUSTROUS MINERAL IN STRINGERS IS FOUND. DARK RED HEMATITE	9192. 	69.4"	75.9	6.7"		TR		
		PYRITE IS PRESENT. SPECTROMETER READINGS 20,25,20,25+30 OF LOCAL STRONG								
90	1(4.0	SAME AS 100-54.0.							 	
DH									[

and the set of solution to be a state of the set of the set

LOCAT		Deavendam property: Metalone	Lesque	ces_				HOL	E NO:	84.	- XI7	
LATIN INCLI AZIMI STAR COMPI PURPO	TUDE: IN: UTH: TED: LETED: OSE:	$\frac{1}{450} \underbrace{Departure:}_{H+005} \underbrace{Length:}_{S0'} \underbrace{150'}_{CORE SIZE:} \underbrace{BQ - 17/16''}_{DIP TESTS:} \underbrace{NONE}_{NONE} \underbrace{1784}_{TEST} \underbrace{QTZ - CARB} \underbrace{VEIN}_{TEST} \underbrace{177}_{TEST} \underbrace{QTZ - CARB} \underbrace{VEIN}_{TEST} \underbrace{177}_{T$	ELEVATIO DRILLED DRILLED	N: BY: <u>B</u> FOR:	- adky ETAL Øa	Beos DEE RE	LTD ESOUR	CLA SEC LOG DAT	IM NO. TION: _ GED BY: E LOGGE	D: 1	t Kowa an. 13	Joki 7.
DACL	GROG	IND SPECTRUILETER READING IE JS C. p. M.	CANDIE	66	~~~	Tankomu	1					- <u></u>
From	To	DESCRIPTION	NO.	From	-/. To	LENGTH			AS: AUT	AIS A/T	PhT	9
0.0	10.0	CASING.										
10.0	101.5	VERY WEAKLY FRACTORED WITH OTS CARR CONCOMERANT FOR DAILY			<u>`</u>							
		EKLINIGS WEAKLY MAGNETIC LESS THAN 1/2 SO DISSETIMATED										
	1	FINE-GRAINED PYRITE.										
		AT IDZO DIDRITE ACQUIRES A SLIGHT PINK HUE.										
											-	
109.3	<u>144 4"</u>	ALTERED ZONE.										
<u></u>		109.3-1119 OTZ-SERICITE-CHLORITE SCHIST. DAKK GREEN IN	9241	109.3"	1119″	2.6"			0.005	[]		
		COLOUR WITH 5% PINK ALTERATION IN OTZ-CARE VEINLETS.									 	
<u> </u>	<u> </u>	LESS THAN 5% SERCITE MICROFRACTURING OFFSETS PRIMARY								'	 	
	╉	FOLIATION. (60° C/A) THREE TO FOUR PERCENT DISSEMINATED PURITE.	·									
		SPECTROMETER READING BACKGROUND - as OUNTS PER MINUTE.										
	╂	11.9-112.2 ATT CORP IT IN A WINDOWS DIRECTION	92112	111 9"	112 2"	011						
		THEOLENALT PROCTUPIES ARE FULLED WITH CHADRIE	1872		11 ~. 5	0.6			0.002	IR		
<u> </u>	+	CARRONATE (SLIGHTLY PINK) AND SERICITIC MATERIAL	†				<u> </u>		1			
	-	THREE PERCENT DISSEMINATED PURITE LESS THAN ONE	-									· · ·
		PERCENT SHEFLITE.										
		112.3 - 117.3 DARK GREEN TO BLACK WELL FOLIATED ROCK.	9243	112.3	117.3"	5.0'	ļ		0002	TR	0.01	
		FIVE PERCENT SERICITIC MATERIALAND 250 CARB VEINLETS WITH		ļ	ļ		ļ	<u> </u>		 	<u> </u>	<u> </u>

CATION: Benerdam PROPERTY: Metalore Resources HOLE NO:84-8-17 CLAIM NO. SECTION: 150' LATITUDE: DEPARTURE: LENGTH : ELEVATION: LOGGED BY: Roub Kowalski -45° CORE SIZE: BQ INCLIN: DATE LOGGED: Jan. 17 AZIMUTH: DIP TESTS: DRILLED BY: BRADLEY BEUS LTD. DRILLED FOR: METALORE RESOURCES STARTED: JAN.14, A84 COMPLETED: TAN 16 1984. PURPOSE: TO TEST OTZ-CARR VEIN

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FE	ET.	DESCRIPTION	SAMPLE	FEE	7	LENGTH		AS:	SAYS	7	>
From	То		NO.	From	То			Au/T	AgIT	Pb	Zn_
									'		
		PINKISH HUE. INKEE PERCENI FINE-GRAINED PYRITE ASSOC.						•			
		WITH CHLORITIC VEINLETS AND 210 BLUE METALLIC MINERAL									
		ASSOCIATED WITH CARBONATE VEINLETS.			· · · ·						
		117.3- 120.9 DARK GREEN RUCK WITH 30% CARBONATE	4244	14.3	150.A.	<u></u>		0.003	IC_	0.005	
		VEINLETS WHERE SOME HAVE A PINK HUE. NUMEROUS						- '			
		QTZ MICROVEINLETS AND CHLORITIC DEINLETS WHERE PYRITE									
		(DISSEMINATED 35) IS ASSOCIATED WITH THE LATTER LESS					· · · · · · · · · · · · · · · · · · ·				
		THAN 1% BLUE LUSTROUS MINERAL.									
							_				
		1209-124.1 MASSIVE IN APPERANCE DARK REDDISH-BLACK	9245	120,7"	124.1"	3.4"		0.005			
		ROCK WITH < 3% QTZ-CARB-CHLORITE-SERICITE VEINLETS.									
		LESS THAN 210 COARSE - GRAINED PYRITE. SPECTROMETER						-			
		READING 23 COUNTS PER MINUTE.						1			· ·
								-			
		124.1-128.3 WEAKLY K-ALT. AND BRECCLATED GREEN-BLACK	9246	124.1"	128.3"	4.2"		0.005	0.01	0.005	0-005
		HORD KOCK FORTY PERCENT QTZ-CAKB BLERS AND VEINLETS.									- M
		LESS THAN 4 % SERICITE AND CHLORITE. FIFTEEN PERCENT]								
		DISSEMINATED FINE-GRAINED TO COAPSE-GRAINED PYRITE									
		LESS THAN 1% BLUE LUSTROUS MINERAL (ENE-GRAINED), LESS					·	-			
		THAN 15 CHALCOPYRITE - FINE-GRAINED DISSEMINATED		1				1			
	1							1			
			1					1			· ·
<u></u>			1	1							r

JCATI	ON:	eaverdame property: Metalure Base	XUCOS					HOLE NO:		84.X	 [7
LATITU INCLIN AZIMUT STARTE COMPLE PURPOS	DE: CH: CD: CTED: SE:_Z	DEPARTURE: LENGTH: /50' -45° CORE SIZE: BQ DIP TESTS: n. 14, 1984 gan. 16, 1984 Test Qtz - Carl Irin	ELEVATIC DRILLED DRILLED	N: BY: By FOR: M	ad lu	Beus. Lesou		CLAIM NO SECTION: LOGGED BY DATE LOGO	ED:	- Kawa an 17	
			())()) ()								
From	<u>E1.</u> To	DESCRIPTION	NO.	From	TO	LENGTH		Α Αυ /τ	Aolt		T
		128.3-131.5 SIMILAR TO 124.1-128.3 EXCEPT THERE IS	9247	128.3	131.5	3,2		0.002			
		AND <1% HETHATITE PRESENT SPECTRUMETER READING 25							+		<u> </u>
		COUNTS PER MINUTE. FOUR PERCENT FINE-GRAINED PYRITE.					·				ļ
	······································	131.5-135.8 WEAKLY BRECCIATED WITH V. WEAK K-ALT. WITH SERICITE. DARK GREEN -BLACK IN COLOUR (HARD) LESS THAN	9248	131,5	<u>135,8″</u>	4,3″		Niİ			
		10% QTZ- CAKB-CHLORITE VEINLETS. LESS THAN 25 FINE-							-		
		SPECTROMETER READING BACKGROUND & COUNTS PER MINUTE.					<u>·</u>				
144.4" 1	150.0	DIORITE SIMILAR TO 10.0-109.3.				·			-		<u> </u>
FOH									-		<u> </u>
<u> </u>									-	-	
			<u> </u>			· · · ·			+	<u> </u>	
											
										1	<u> </u>

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		- DIAMOND DRILL RECORD & LOG				· ·						X
LOCAT	TION:	Pearendam property: Metalore le	ource	o Ac	<u> </u>			HOL	e no: 5	34- Y	18	
LATIC INCLI AZIMO STARC COMPL PURPO	TUDE: IN: UTH: TED: (LETED:() OSE:	8+00E DEPARTURE: <u>13+805</u> LENGTH: <u>1570</u> -45° CORE SIZE: <u>BQ</u> DIP TESTS: <u></u> Con. 17, 1984 Con. 17, 1984 Con. 198	ELEVATIO DRILLED DRILLED	DN: BY: β FOR: γ	ead l Jetal	ey Br Se K	<u></u> 050	CLA SEC LOG DAT	IM NO. TION: GED BY E LOGGI	ED: Ja 		<u>xU</u> 198
BAC	KGR	PUND SPECTROMETER READING (K) 250	p.m.	55			·					
<u> </u>	ET	DESCRIPTION	NO.	From	<u>-1</u> 1 To	LENGTH			AS:	SAYS		
		· · · · · · · · · · · · · · · · · · ·							Hull	<u> Hq17.</u>		┿
0.0	100	CASING		[
										· ·		
10,0	24.7	GROUND CORE										T
August 1											i	
24.7"	91.5"	MASSINE, MEDIUM- GREEN DIOKITE, WEAKLY FRACTURED							. <u> </u>			
	L	WITH WEAK DEVELOPHENT OF OTZ, CARB AND	[
		EPIDOTE VEINLETS LESS THAN 1/2 > DUSETING	20		· · · · · · · · · · · · · · · · · · ·							
		RYRITE WEAKLY MAGNETIC.									-	
				ļ					<u> </u>			.
91.5	127.0	SHARP CONTACT WITH DIOKITE. FINE-GRAINED, WEAKLY	ļ	ļ								
	<u> </u>	MAGNETIC, MEDIUM-GREEN MAFK JOLCANIC. LOCALLY IT HAS		<u> </u>							ļ	L
		ACQUIRED A VERY SLIGHT RED HUE AND BRECCIATION IS				·						
		POOKLY DEVELOPED. IRON CARBONATE <210, AND <110	ļ									L
		HETIATITE IS PRESENT. LESS THAN Y22 VERY FINE-GRAINED	ļ									
	<u> </u>	PYRITE.										
												
127.0	134.6"	SIMILAR TO 24.7-91.5				· .			· ·		<u> </u>	_
			0.52	17.4.4								┢
134.6"	143.0	ALTEREDZONE NUMEROUS QTZ STRINGERS AND CARBONIATE	7253	134.6	137,3				0005	0.02		╞
		VEINLETS (WITH PINK HUE) CHLOKITIC HICROVEMULETS	7254	141.7	143.0	1.5"	<u> </u>		0.002	TR	<u> </u>	
		THROUGHOUT MODERATELY DEVELOPED FOLIATION. THREE PERCENT		 				[•	┣
<u></u>		FINE-GRAINED DISSEMINATED PYKITE. SMECTROMETER		<u> </u>		<u> </u>					i	_
	1 _	READINGS - BACKGROUND- 25 (OUNTS) PER MINUTE	1								I	1

			_		- DIAM	OND DRILL R	ECORD & LOG	<u>i</u>				. •						
	LOCAT		ewerdam	ر		PRO	PERTY: M	etalone &	esquere	o Xtd	·			HOL	E NO:	84-	X18	
с		•				-			-			•		CLA	IM.NO.			
	LATIT INCLI AZIMU START	N: TH: TED:	-45°DE	PARTURE :	~	LENGTH: CORE SIZE: DIP TESTS:	157.0 BQ		ELEVATIO	BY 80	adler	Beus	 •	LOG DAT	GED BY	: Baili ED : J	- Kowa an.19,	<u>loki</u> 1984
	Compi Purpo		an 19, 1984 25 testo Car	I- Verd.					DRILLED		etals	<u>re Keno</u>	Mee)				· .
		· · ·	•								<u> </u>	1						•
	FE	ET To	•		DESCRIPTIO	ON			SAMPLE NO.	FEE From	7 To	LENGTH		[AS	SAYS		
	<i>K</i> (2) =			4/7 0/5				CRANCA										
	1920	154.0	SMILAR 10	<u> 29.7 - 91.5</u>		U/ORI/2	IS FAVER	GRAINED				-				·		
	FOH										•							
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LOCATION: GEDERGIA TRUE NO: 54-1/9 INCLUDE: 134006 DEPERT: Watalore Levelles INCLUDE: 134006 DEPERT: Watalore Levelles INCLUDE: 134006 DEPERT: Watalore Levelles INCLUDE: 134006 DEPERT: Matalore Levelles INCLUDE: 134006 DEPERT: Matalore Levelles INCLUDE: 134006 DEPERT: Matalore Levelles INCLUDE: 134006 DEPERT: DEPERT: DEPERT: DEPERT: INCLUDE: 134006 DEPERT: <t< th=""><th></th><th></th><th>- DIAMOND DRILL RECORD & LOG</th><th></th><th></th><th>•</th><th>· •</th><th></th><th></th><th>X</th></t<>			- DIAMOND DRILL RECORD & LOG			•	· •			X
CLAIN NO	LOCAT	rion: <u>Be</u>	property: Metalogo Ro	BULCH	2			HOLE NO:	84-X1	9
FEETDESCRIPTIONSAMPLEFEETLENGTHASSN'S006.0CASING00CASING0000006.087.0MBSSITE, REDIUN-GREEAL DIORITE VERY WEAKLY PERCENTED000000006.087.0MBSSITE, REDIUN-GREEAL DIORITE VERY WEAKLY PERCENTED0000006.087.0MBSSITE, REDIUN-GREEAL DIORITE VERY WEAKLY PERCENTED0000006.087.0MBSSITE, REDIUN-GREEAL DIORITE PERLENGIA NEARLY PERCENTED0000000.087.0MBSSTAN % 20MISSETINATED PERCENTE GAINED0000000.087.074.4% 20MITH SLIGHT & SUGHT & S	LATIC INCLI AZIMI STAR COMPI PURPO	TUDE: IN: UTH: 4 TED: 1 LETED: 4 OSE:	3+00E DEPARTURE: 13+655 LENGTH: 17/0 -45° CORE SIZE: BQ - 17/16" N DIP TESTS: 16, 1984 3. 17, 1984 3. tool QTE-CARB VEIN:	ELEVATIO DRILLED DRILLED	N: BY: <u>&</u> FOR:_ <u></u>	ad lei Jetalt	Bros. Losours Baibaro	CLAIM NO SECTION : LOGGED E DATE LOO HO KOWALSK	IV: Barb GED: Ja (Kowabici ~. 19,1984
From TO NO. From TO Ault Auft 0.0 6.0 CASING.	FF	ET	DESCRIPTION	SAMPLE	FEE	<i>T</i>	LENGTH		SSAYS	
0.0 6.0 CASING	From	To		NO.	From	То		Aut	TAGT	
6.0 87.0 MBSSILE, HEDIUH-GRETAL DIORITE VERY WEAKLY PRACTICES WITH GTZ, CARR AND EPIDOTE PILLINGS. WEAKLY MAGNETIC LESS THAN % 3.0 DISETINATED PHETE (FINE-GRAINED). LOCALLY IT IS WEAKLY BRECCIATED WITH SLIGHT RED HUE 82.0 103.0 ALTERED FONE. 82.0 103.0 ALTERED FONE. 82.0 103.0 ALTERED FONE. 82.0 103.0 ALTERED FONE. 82.0 103.0 ALTERED FONE. 82.0 103.0 CHORDER OF AND 8.5 SERICITE NUMERISONS CARRONDET VENDETS. THEE PRECEDT VERY FINE-GRAINED DESCRIMPTED PUBLICEST THEE PRECEDT VERY FINE-GRAINED 92.0 001 0.01 0.01 10.0 0005 0.01 10.0 005 0.01 10.	0.0	6.0	CASING.							
DITH OLZ, CARR HAD EPIDOTE FILLING, KERLY TRADETC LESS THAN "% > DISSETIMATED PYRITE (FINE GRAINED). LOCALLY IT. IS WEAKLY BRECCIATED WITH SLIGHT RED HUE 87.0 103.0 ALTERED FONE. 0002 0:01 WITH IS & FECON AND 8% SERICITE. NUMEREDUS CARRONATE VEINLETS. THEEF PRECENT JERY FINE-GRAINED DISSETIMATED P'SRITE. QUI 9-96-9 CHARD WITH EXTREMENTS WEAK INCLUE VEIN HIGHLY 7250 94.9" QUI 9-96-9 CHARD STREET SERICITE- CARRONATE VEIN HIGHLY 7250 94.9" QUI 9-96-9 CHARD STREETS WEAK INFORMATE VEIN HIGHLY 7250 94.9" QUI 9-96-9 CHARD STREETS WEAK INFORMATE VEIN HIGHLY 7250 94.9" QUI 9-96-9 CHARD STREETS WEAK INFORMATE VEIN HIGHLY 7250 94.9" QUI 9-96-9 CHARD STREETS WEAK INFORMATE PERSON STREETS QUI 9-96-9 CHARD STREETS VERNETS CHARD STREETS CHARD STREETS VERNETS CHARD STREETS CHARD STREETS CHARD STREETS CHARD STREETS CHARD STREETS CHARD STREETS <t< td=""><td>6.0</td><td>87.0</td><td>MASSIRE, NEDIUM-GREEN DIORITE VERY WEAKLY FRACTURED</td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td></t<>	6.0	87.0	MASSIRE, NEDIUM-GREEN DIORITE VERY WEAKLY FRACTURED			•				
CS.S. INTERVIEWS MISS MISSION DE TRUCTURES WITH SUBJECT AND DE DE DE DE DE DE DE DE DE DE DE DE DE			NILH ULE, CARE AND EPIDOTE FILLINGS. WEARLY MAGNETIC							
87.0 103.0 ALTERED ZONE. 7.9" 0.002 0.01 87.0-94.9 WELL FOLIATED 45° C/A, DARK GREETI BLACK ROCK 9249 83.0 94.9" 7.9" 0.002 0.01 WITH 15% FE CON AND 8% SERVICITE NUMEREDUS 0.012 0.002 0.01 0.002 0.01 CARBONATE VEINLETS, THREE PERCENT VERS FINE-GRAINED 0.002 0.01 0.01 0.01 DISSETUMATED PURITE 0.012 0.01 0.01 0.01 94.9-96.9 CHLORITE - SERVICITE- CARBONATE VEIN HIGHLY 9250 94.9" 76.9" 0.00 0.01 94.9-96.9 CHLORITE - SERVICITE- CARBONATE VEIN HIGHLY 9250 94.9" 76.9" 0.01 0.01 94.9-96.9 CHLORITE - SERVICITE VEIN HUE. THREE 9250 94.9" 76.9" 0.01 0.01 96.9-1030 SIM WAR TO 87.0-94.9 0.012 0.05 0.01 0.05 0.01 103.0 103.0 INWAR TO 87.0-94.9 9.51 120.55 120.55 0.01 0.05 0.01 103.0 INWAR TO 87.0-94.9 0.02 0.05 0.01 0.055 0.01			LOCALLY IT IS WEAKLY BRECCIATED WITH SLIGHT RED HUE							
870-949 WELL FOLIATO 45 ° C/A, DARK GREED BLACK ROCK 9249 87.0 94.9" 7.9" 0002 0.01 WITH IS & FECOL AND 85 SERICITE NUMEREDUS SERIE FECOLON AND 85 SERICITE NUMEREDUS 0002 0.01 0002 0.01 CARBONATE VEINLETS THREE PERCENT VERY FINE-GRAINED 0002 0.01 0001 0.01 0002 0.01 DISSETIMATED PSRITE PERCENT VERY FINE-GRAINED 0001 0.01 001 0.01 PRACTORED WITH EXTREMENTS WEAK PINK HUE. THREE 0001 0.01 001 0.01 FRACTORED WITH EXTREMENTS WEAK PINK HUE. THREE 0001 0.01 001 0.01 PRACENT VELY FINE-GRAINED PIRITE 0001 0.01 001 0.01 PRACENT VELY FINE-GRAINED PIRITE 0001 0.01 001 0.01 PRACENT VELY FINE-GRAINED PIRITE 0005 0.01 005 0.01 PROSONATE SIDE ARE FILLED WITH OTZ-CARB AND 9252 11208 1224" 1.8" 0005 0.01 FRACTURES SIDE ARE FILLED WITH OTZ-CARB AND 9252 11208 1224" 1.1" Nil 002	87.0	103.0	ALTERED ZONE.				· · · · ·			
WITH 13: 18: 18: 000 a.m. SERVITE. NONERBUSH CARBONATE VEINLETS. THREE PERCENT JERY FINE-GRAINED DISSETTINATED. PSRITE. QUIP. 96:9 CHLORUTE - SERVITE- RAKEONATE VEIN HIGHLY 9250 94.9" 96.9" 2.0 QUIP. 96:9 CHLORUTE - SERVITE- RAKEONATE VEIN HIGHLY 9250 94.9" 96.9" 2.0 PRECENT VELY FINE-GRAINED PSRITE. PRECENT VELY FINE-GRAINED PSRITE. 96:9-103:0 SITI KAR TO 87-0-94.9 ID3.0 [71.0] ID3:0 - 1224. WEAKLY FRACTURED WEAKLY K-ALTERED DORTH. 9251. 123.0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0] ID3:0 [71.0]			87.0-94.9 WELL FOLIATED 45 C/A, DARK GRETTLI BLACK ROCK	9249	87.0	94.9″	7.9"	0.00	20.01	
DISSERIUMATED PSRIZE. 949-96.9 CHLORITE-SERICITE- CARBONATE VEIN HIGHLY 9250 94.9" 96.9" 2.0 0.01 0.01 ERACTORED WITH EXTREMELY WEAK PINK HUE. THREE PERCENT VELY FINE-GRAINED PYRITE. 96.9-1030 SIMKAR TO 87.0-94.9 103.0 [7].0 103.0 - 1224 WEAKLY FRACTORED WEAKLY K-ALTERED DORITE. 9251 120.8 122.4" 1.8" 0.005 0.01 ERACTORES SIDS ARE FILLED WITH OTZ-CARB AND 9252 1120.8 123.4" 1.8" 0.005 0.01 ERACTORES SIDS ARE FILLED WITH OTZ-CARB AND 9252 1120.8 123.4" 1.1" Nil 0.02			CARBONATE VEINLETS. THREE PERCENT VERY FINE-GRAINED							
949-969 CHLORITE - SERICITE - CARBONATE VEIN HIGHLY 9250 949" 969" 2.0 0.01 0.01 FRACTURED WITH EXTREMELY WEAK PINK HUE. THREE PERCENT VELS FINE-GRAINED PSPITE			DISSERINATED PSRITE.	·						·
PRACTORED WITH PAREITERS WEAK PINK HUE. THREE PERCENT VELY FINE-GRAINED PYRITE. 96.9-1030 SIM KAR TO 870-949 103.0 [7].0 1030-1224. WEAKLY FRACTURED WEAKLY K-ALTERED DIVENTE. 9251 120.8 122.4" 1.8" 0 005001 ERACTURES <1050 ARE FILLED WITH OTZ-CARB AND 9252 1420 43.1" 1.1"			949-96.9 CHLORITE - SERICITE - CARBONATE VEIN HIGHLY	9250	9 4.9'	96.9 "	<i>.</i> 0	0.0	1 0.01	
96.9-1030 SIMIKAR TO 87.0-94.9 103.0 171.0 103.0-1224. WEAKLY FRACTURED WEAKLY K-ALTERED DWRITE. 9251 120.8 122.4" 1.8" 0.005001 ERACTURES <105. ARE FILLED WITH OTZ-CARB AND 9252 1420 143.1" 1.1"		<u> </u>	PERCENT VERY FINE-GRAINED PYRITE.	·			 			
103.0 171.0 103.0 - 1224. WEAKLY FRACTURED WEAKLY K-ALTERED DWRITE. 9251 120.8 122.4" 1.8" 0.005 0.01 FRACTURES <1050 ARE FILLED WITH OTZ-CARB AND 9252 1420 143.1" 1.1" Nil 002 CHLORITE. LOCALLY ROCK IS WEAKLY BRECCIATED SLIGHTLY			96.9-103.0 SIMKAR TO 87.0-94.9				·			
CHLORITE. LOCALLY ROCK IS WEAKLY BRECCIATED SLIGHTLY	103.0	171.0	103.0 - 1224 WEAKLY FRACTURED WEAKLY K-ALTERED DWRITE.	9251	120.8	122.4"	1.8"	0.0	5001	
			CHLORITE LOCALLY ROCK IS WEAKLY BRECCIATED SLIGHTLY	7252	1720	143.	1.1"	Ni	0.02	-

PINK AND ENRICHED IN VERY FINE-GRAINED PYRITE (35.).

EOH

METALORE RESOURCES LIMITED Location Map of DDH 84-14.95E-1;84-12E-1 Irwin Township, Ontario Claim Number TB 29030

SCALE: 1 INCH = 300 FEET





			DIAMOND DRILL RECORD & LOG			•			•				
	LOCAT	ION:	POOKBANK EAST GRID PROPERTY: METALORE	RESOURC	ES LT	እ			HOLE	NO: 8	4-12	E-/	
	LATIT INCLI AZIMU STARI COMPL PURPC	UDE: N: TH: TED: LETED: DSE:	$\frac{2+00E}{45^{\circ}} \text{DEPARTURE: } \frac{2+405}{CORE \text{ SIZE: } NQ - (7/8")} \\ \frac{-45^{\circ}}{342^{\circ}} \text{DIP TESTS: } \frac{300'45^{\circ}}{200'45^{\circ}} \\ \frac{-100}{17, 1984} \frac{-100}{120} \frac{-100}{120} \frac{-100}{120} \\ \frac{-100}{120} $	ELEVATIO DRILLED DRILLED	N: BY: <u>8</u> FOR: <u>24</u>	100 Lode	7 ley B	- wsf	CLAI SECT LOGG DATE	M NO PION: ED BY: LOGGE	<u>Verrie</u> Basti D: <u>NO</u>	<u>"C46.</u> L <u>a. val</u> L. 21, 1	
	BACK	GKOUP	DESCRIPTION	SAMPLE	FFA	=T.	LENGTH			ASS	AYS		
	From	To		NO.	From	To			i				
•.	0.0	10,0	CASING										
	10,0	91.0	MASSIVE, HOMOGENEOUS DIORITE, THAT HAS BEEN										
			HIGHLY EPIDOTIZED, 4% HEMATITE, AND MINERALIZED										
			COLE-CHKB STRINGERS THROUGHOUT THIS UNIT.							·			
			DEALERIAND - 175 F.G. 70 M. G. FOR IE.									-	
	91.0	112.6"	GRADATIONAL CONTACT TO A MAFIC VOLCANIC.					·					
			WITH LESS THAN 130 DISSEMINATED M.G. PYRITE.										
				10 3 3 6									
			106.4-107.10" HIGHLY HKMATIZED (BRICK-KED)	10302	106,9"	<u>101,10"</u>	_/,6"			ĪČ			
•			CONTENT UP TO SE EINE- TO MEDUNA-										.
			GRAINED PURITE AND SIZ SPECULARITE									+	
			SPECTRUMETER RETADINGS JO-40 C.P.M.										
	112.6"	118	GRADATIONAL CONTACT TO DIORITE. (N.G.)										
		1-1-1											
	11.8	156	GRADH/ONAL CONTACT TO MAFIC VORCANTC		 								· · · · ·
			2-6" VEINS THAT ARE MINIFRANTER INTEL										
			PURITE - UP TO 22.									<u>├.</u> †	
	156	169	GRADATIONAL CONTACT TO A DIORITE (MED.G.)	1		<u> </u>		ļ				╞	<u> </u>

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DIAMOND DRILL RECORD & LOG

HOLE NO: 84-12E-1

PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 2 of 2.

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FEET		DESCRIPTION	SAMPLE	FEET		LENGTH		ASSAYS			· · · · · · · · · · · · · · · · · · ·	
From	TO	DESCRIPTION	NO.	From	То							
169	194	GRADITTIONAL CONTACT TO MASSIVE MAFIC VOLCANIC										
194	214.	GRANATIONAL CONTACT TO M.G. DIDRITE.						_				
								<u> </u>			<u> </u>	
214	335.	GRADATIONAL CONTACT TO MAFIC VOLCANIC.										
		AT 315 VOLCANIC IS PROGRESSIVERY ACQUIRING									·	
	ļ	A FOLIATION (60° C/A) DOWNHULE.										
·	<u> </u>				•						· ·	
										•	·	
335.	376,	GRADATIONAL CONTACT TO A METASEDIMENT						<u> </u>				
		THAT IS WELL FOLIATED WITH OTE-STRINGERS				<u> </u>		-				
		TAKODGHOUT FCALOWING FORTATION. AT 343'										
		THE FIRST OF MANY SPAKSERY DISTRIBUTED						+				
		FERDSPATHIC GRANITIC 3 PERBLES IN A WELL									d	
		FALIATED CHAURITIC- SFRICITIC (<2) MATRIX, THE									<u></u>	
		OCCASSIONIAL SAIPER PERBLE LOCATED.					· · ·					
				•		ļ						
						·		· · · ·				
								<u> </u>				
FAIL		THE METROPALCIAN PROPERTY IS DO RODALL							•			
RUA.		THE TIENACONORONERATE ONT IS PROBABLY										
		KEPRESENT THE AAST PHASES				<u> </u>						
	<u>.</u>	OF. THE DEPOSITION OF THE BASAK SECTION			•							
		OF THE DEDRIG FLOW.			· · · · · · · · ·							
								+				
	<u> </u>				·							
						<u> </u>		+				
		· · · · · · · · · · · · · · · · · · ·			<u> </u>							
								┼───┤				
		· · · · · · · · · · · · · · · · · · ·				<u> </u>						
-	<u> </u>					<u> </u>		<u> </u>				

METALORE RESOURCES LIMITED Location Map of DDH 84-14.95E-1;84-12E-1 Irwin Township, Ontario Claim Number TB 29030

SCALE: 1 INCH = 300 FEET



BROOKBANK EAST GRID

Metalore DDH Vertical Section Line 14+95E DDH Number 84-14.95E-1



· •	DIAMOND DRILL RECORD & LOG	:			•						
LOCATION:	ROOKBANK EAST GRID. PROPERTY: METALORE	RESOUR	CES /	TD.		H	OLE NO: 8	4-14-	+95E	-/	
LATITUDE: // INCLIN: AZIMUTH: STARTED: //	$\frac{795E}{-42^{\circ}} \text{departure: } \frac{17405}{178^{\circ}} \text{length: } \frac{210}{178^{\circ}} \text{core size: } \frac{178^{\circ}}{1810000000000000000000000000000000000$	ELEVATIO DRILLED	N: BY: <u>B</u>	1014 Ladle	' ey Br		LAIM NO. ECTION: _ OGGED BY: ATE LOGGE	Jail- Dail-	<u></u>	1084	
COMPLETED: A PURPOSE: TE	OV. 19, 1984 ST BROOKBANK - MAFIC - SEDIHENT CONTACT		Tr,	le Fator	e Re	ources	to ztd. BK				
FEFT From To	DESCRIPTION	SAMPLE NO.	From	ET To	LENGTH		AS	SAYS			
0.01.000	CASINIC										
0.0 10.0											
10.0 56.0	MASSIVE MAFIC VOLCANIC WITH PILLOW SEZVAGES.			· · · ·							
	THEE PERCENI QIE-CARB VEINLETS THROUGHOUT.	·				[`					
	AND SILICIFICATION.										
									ļ'		
										╂	
· · · ·	242-262 DATORED SECTION LIVER BRICK RED	10:201	542"	26 3"	3		000			-	
	HEMATITE AND < 10% SILICIFICATION. TEN.										
	PERCENT F.G. DISSEMINATED PYRITE.									1	
	21/1" 21 D" PODRIM DOUGTORED DTZ CABR HELAVET	10707	21/14	31 3"	104		0.220			╄──	
·	WITH LETIATITE (< 25) AND SILICIFICATIONI (<55)	rusur	17,6	26.0	1.8				-	-	
-	UP TO 5% FINE- GRAINED DISSETTINATED PYRITE.									\Box	
			1111 - 11							F	
	144.5" - Y6.6" WEAKKY ALTERED WITH CAKEDNATE,	10303	44.3"	46.6"	du J'				·	+	
	FILE CRAINED DISSEMIALATED PURITE AND 25									+	
	SPECILAPITE UFINIETS	-		· [1.	+	
· }		1.	1		1	1 I			1. T.		

DIAMOND DRILL RECORD & LOG

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HOLE NO: 14+95E-1

PROPERTY:

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PAGE NO: a of a

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FEET.		DECORTONION	SAMPLE	FEE	7	LENGTH		ASSAYS						
From	TO	DESCRIPTION	NO.	From	То									
•		46.6"-49.9" BRECCIATED WITH HEMATTLE FRAGMENTS	10304	46.6"	49.9"	3.3"		TR						
		LOCALLY UP TO 3550 SILICIFICATION BUT GENERALLY												
		LESS THAN 5%. UP TO 30% FE- AND CU- CARPONATE												
•		VEINLETS THROUGHOUT. IN THE SILICIFIED SECTION				1								
	·	(35%) THERE IS BOSO FINE-GRAINED DISSEMINATED												
		MYRITE LUCALLY UP TO 20% SPECULARITE									•			
		VEINTETS.												
56.0	85.0	GRADATIONAL CONTACT TO A MASSIVE, COARSE-					1							
		GRAINED DIURITE, EPIDOTE CONTENT UP TO									·			
		20%.												
350	94.0.	GRADATIONAL CONTACT ZO A MAFIC VOLCANIC												
		WITH PILLOW SERVAGES. UP TO 10% EPIDOTE AND												
		LOCAL 2"6" SECTIONS HEAVILY CARBONATED.												
		WEAKLY SILICIFIED AND ENRICHED WITH PYRITE												
		SUARSELY DISTRIBUTED THROUGH SECTION.												
										1	•			
94.0	190	GRADATIONAL CONTACT TO A MASSIVE DIVRITE								1				
		MEDIUM- TO COARSE- GRAINED WITH UP TO 2010												
		EPINUTE.												
									•					
119.0	180,0	GRADATIONIAL CONTACT TO A MAFIC VOLLANIC	-							1				
		WITTH PHADIN SEXMAGES AS DESCRIBED AT												
		85-94												
					·									
80.0	210.0	ROCK HAS ACQUIRED A FOR/ATION (50°C/A)												
	- contraction	AND POSSIBLY GRADING INTO A METASEDIMENT												
		AKY UNITAL TO 192' WHERE THE FIRST								i.	、 、			
		85551BLY PEBBLE (GRANITIC 3) IS SEEN(2" IN SITE).(THIS MA	Y BE -	THE BE	SINNIA	IG OF T	HE META	SED.	INIT)			
		AT 199' A JASPER PEBBLE INDICATES THIS IS												
		A METASEDIMENT FRUIT 199'- DOWNHOLF < 1/8"												
EN4		TASPER FRAGMENTS OCCUP ALONG WITH GRANITIC AND	D OT7	CLA	575									
										+				

Attribute:	Co Lo <u>R M/N.</u> Dr Footag From	ompleted: ogged by: BA rilled by: _Mo geLength To	RBARA KOWHLSKI BI
Footage Description Sample No Ion To 20.0 CASING	Footag	ge Length To	Assays Au oz/ton
0 20.0 CASING			
0.0 126.0 MAFIC VOLCAINC VESICULAR WITH PILLOW SELVAGES THROUGH- OUT. GENERALLY, UOLCANIC IS MASSIVE. STRINGERS AND VEINCETS OF QTZ, Ca- + Fe- CARB, EPIDOTE AND HEMATITE ALONG SLIP- PLANES. WEAKLY MAGNETIC. <1% MEDGRAINED DISSETTINATED PYRITE, < 14% CPY. (INTERMITTENT GROUND CORE THROUGHOUT).			
6.0 163.0 DILKITE SHARP CONTACT. IT IS MASSIVE, HOMOGENEOUS AND FINE-GRAINED. STRINGERS TUEINLETS AS DESCRIBED 20-126. HEMATITE + K-ALTERATIONS UISIBLE IN ISOLATED 2" AREAS. (HOO COUNTS PER MINUTE K-SPECTROMETER). DIORITE IS STRONGLY MAGNETIC. <1/2% MEDIUM-GRAINED PYRITE. <1/2% MEDIUM-GRAINED CHALCOPYRITE.			
3.0 179.9" MARIC CONCLANC AS 20-126 178-179.9" MILKY WHITE QTZ VEIN WITH <1% MEDIUM- TO COARSE. GRAINED DISSEMINATED PYRITE AND CHALCOPYRITE. (BRANORNE VEIN).			
9.9" 199 DIORITE AS 126'-163'			
9 264 MAFIC UCACANIC AS 20.0-126.0			

NETALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK- WEST

Hole No: B-1714-2.

Foo	tage To	Description	Sample No.	Foo From	tage To	Length	Ass	ays
H.O	537.0	DIORITE COARSE- GRAINED AND IS DESCRIBED AS 126'-163'.						
	• • • • • • • • •	369-460 VERY WEAKLY ALTERED DIORITE. IT IS FRACTURED WITH STRINGERS OF QTZ, K-FENDSPAR, Ca-+ FE- CARBONATE. BRECCIATION IS WEAKLY DEVELOPED. THE ALTERATION IS SANNY						
		PINK IN COLOUR WITH LOCAL (3"SECTIONS) OF WEAK SILICIF- ICATION. 5% MEDIUM-GRAINED DISSETTINATED PYRITE, < 1/4% CHALCOPYRITE, <1/4% PHYRROTITE, AND <1% SPECULARITE.	· · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · ·		
	· · · ·	460-470 STRONGLY ALTERED DIORITE. IT HAS BEEN HEM- ATIZED, SERICITIZED, SILICIFIRD AND K-ALTERATION IS WEAKLY- TO MODERATELY DEVELOPED. SPECTROMETER K-READING 400-600 COUNTS PER MINUTE.						
	 	470-537 VERY COARSE- GRAINED DIORITE.						
7	745	MAFIC UOLCANIC. IT IS HASSIVE AND FINE-GRAINED AS DESCRIBED AT 20-126.						
1 5	1273	DIORITE. SHARP CONTACT WITH THIS MASSIVE, HOMOGENEOUS, COARSE-GRAINED DIORITE. GENERALLY, <1% FINE- TO COARSE. GRAINED DISSEMINATED PYRITE, <14% CPY, B. 3% EPIDOTE UEINLETS & STRINGERS THROUGHOUT.						
		ALTERED DIORITIC SECTIONS ARE ISOLATED AT 850-882, 897-929 AND 952-1004. THIS ALTERED DIORITE IS SANDY PINK IN COLOUR, SILICIFIED AND WEAKLY DEVELOPED K-ALTERATION. SPECTROMETER READINGS K-400 COUNTS PER MINUTE).	9804 9803 4802 9801 9801 9805	897 899 902 905 916	899 902 905 906 906 906 906 906	2.0 3.0 3.0 1.2" 4.3"	0.01 0.005 0.002 0.005 0.005	

otage To	Description	Sample No.	Foo From	tage To	Length	Assays Au oz/ton
	ALTERED DIORITE IS WEAKLY BRECCIATED. 1% QTZ VEINLETS THRONGHOUT. (VEINLETS ARE BARREN). 1% SPECULAR HEMATITE VEINLETS. 3-8% FINE- TO COARSE- GRAINED DISSEMINATED PY. <1% CHALCOPYRITE _ ~1/4% PHYROTITE.	9806 9807	9202" 968	923.9" 973	3.7" 5.0	0.006 0.010
• • • •	1004-1273 FINE-GRAINED DIORITE WITH 41% DISSETTINATED By AND Cpy.					• • • • • • • • • • • • • • • • • • •
1380	11 MAFIC UOLCANIC. SHARP CONTACT AS DESCRIBED 20-126'. 3% EPIDOTE. MODERATELY MAGNETIC.		-	- · ·		
	DEFORMED AND ALTERED MAFIC UOLCANIC 1286'-1294 WEAKLY FOLIATED WITH HEMATITE, PINK CG-+FE- CARBONATE AND QTZ STRINGERS. <1% EPIDOTE.		· · · · ·			
· · · · ·	1334-1341.9" WEAKLY BRECCIATED AND STRONGLY FONATED (20°TO C/A). CHLORITE 12%. SILICIFICATION (PINK) 80%. 3% EXTREMELY FINE-GRAINED PYRITE, <1% MAGNETITE DISPERSED THROUGHOUT CORE.)	1334 1338	1338 1341.9"	4.0 3.9"	0.002 0.003
	1341.9"-1355.6" L. GREY SILKIFICATION 95%, <5% CHLORITE- SERKITE, <1% K-FELDSPAR. MODERATE FOLIATION. 5% EXTREMELY FINE-GRAINED DISSETIINATED PYRITE <14% VERY FINE-GRAINED Cpy. <1/2% BLUE MINERAL (VERY FINE-GRAINED)		[34].9" [345.6" [348.6" [352.6"	345.6 348.6 352.6" 355.6"	3.9" 3.0 4.0 3.0	2.00 1.27 0.10 0.824
	1355.6"-1362.5" AS 1341.9"-1355.6" DARK GREY SILICIFKATTON WITH MINOR PARTLY OXIDIZED PYRITE (FINE- TO MEDIUIT- GRAINED). SECTION IS WEAKLY BRECCIATED.	<i>.</i>	1355.6 1358.6"	1358.6ª 1362.6°	3.0 4.0	0.71 0.61

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK - WEST HOLD NO: B-17W-2

F00	tage	Description	Sample No.	Foo	tage	Length	Assays
rom	То			From		2.0	Au oz/ton
		DEFORMED AND ARTERED PORTALLIC METACONGROMERATE		140.6	13676	2.0	0.00
		1362.5 - 1380.8 KEMNANT FRAITENED FELDSPATHIC- 4TE CLASIS.		1367.6	1368.6	3.0	1.50
	94. 1	Ca- FIE- CARBONATE STRINGERS THROUGHOUT. EXTREPTELY WELL		1568.6	13+1.6	<i>J.</i> 0 <i>3</i> D	0.71
		FORIATED (30 C/A) WITH PERITE CONCENTRATING TO CHRORITE		1711.6	1379.6	3.0	0.055
		DERICITE SEAMS. 6 10 F.G. DISSERINATED PARTIE - 1470 BLUE		1)77.6	12/7.6 1700 11"	3.0	0.08
	e je manimu i nako nako n	FINE ARAINED MINERAL, 1976 FINE ARAINED SPECONAR ARTIGUE.		1377.0	1,000	J. J	
111	1207	POLYNICTIC NETOCONICIONEDATE FOULT CONTOCT					
0.10	<u>ы</u> п	CLASTS DE OTZ EENSPATHIC AND JASPER COMPOSITIONS			074	7074	m nier 39'2"
		RENGING FROM <1"-6" IN SIZE THE UNIT IS MODERATELY	1		0.11	1.007	
		NEFORMED WHERERY THE OCCASSIONAL CLAST IS SUPPORTED BY					
		ANOTHER CLAST GENERALLY. IT IS NATRIX SUPPORTED, A DISORG-					
H		ANIZED BED IN THE BASAL SECTION OF A DEBRIG FLOW.					
		MATRIX IS GRANULAR IN APPEARANCE.					
						_	
	· - ··			-			
						-	
						-	
	n						

MÉ atituc	TAL e: _7+(RESOUR Departure 17±00	CES L س Elevatio	TD. DIAN	IOND DRILL	LOG Locatio	on: <u>BROOK</u> Core Size <u>N</u>	(BANK- Q-17/8	<u> </u>	NoC	7038	H	ole No. <u>B-17W-2A</u> tarted
zimut Dip:	:h: <u>()E</u>		Tropari/Dip Tests:	-65° 326°	1403'		y spect	Dr. M. TI-R Q				Complet Logged I	ed: by: BARB	ARA KOWALSKI BK
^r urpos Foc	tage	TEKSEC]	BROOLBAN	<u>h</u> eone	Descriptio	n	<u><u><u> </u></u></u>	KOMETER K	<u>CHIJING</u>	Sample No.	From	otage	Length	Assays Au oz/ton
15.0	1325.0	D MAFIC STRIN CARBON <1% ME AL	COLCANIC GERS OF JATE ANI EDIUM-GRAIN DXIDIZED (IT IS EPIDOTE QTZ VED DI VED DI VYRITE (MASSI (3%), THROUGH SSETIINA RYSTAL	UE ANT HEMATIT HOUT. W TED PS) VERY F, TE (<1%) EAKLY MA GRITE, W	INE-GRAI GU-+FE AGNETIC. 17H THE O	NED. e- xccasion					
25	1332	DEFURI 1325-1 CARBO SETTINA	MED HND 1332.11" WE NATE, QTZ ATED PYRI	ALTEREI 9KLY FON AND HA TE THRO	MATED U EMATITE UGHOUT.	UCLCAN SITH ST . 2%	CIC. RINGERS FINE-GRI	OF Ca-S AINED DI	4-Fe- 5-		1329.4	I33 <i>3.</i> 1*	29"	C.CCX
		1330- THROUX	1331 QTZ 5HOUT. 2%	UEIN FINE-GI	WITH RAINED.	CHLORIT	TE-HEMAT ATED PYR	NTE STRIN	VGERS					
		1332.4 (30° Т НЕПАТ 15% РЕК МП	"-1338.8" TO CIA) SEC ITE (40%) SILICIFIED. UUTE. 4%	MODERAT TION. SE AND CH SPECTRC S FINE-	RICITE LORITE METER A GRAINE	ECCIATED FE-4CE UEINL READING DISSE) AND U L-CARBON ETS THR K-400 YINATED	SEAL FOA OATE 2016 2016 HOUT. O-550 CO PYRITE.	IATED EZ,		1332.) 1335 <i>2</i>	1335.2 (338.8*	3.1° 3.6°	D.CCQ NIT
		1338.8"	- 1341.8" A	5 1332.	4"- 1338-8	"EXCEP	7 40%5	ILICIFICA	TION.	-	13388	1341.8"	3.0	0.01
				·			· · · ·							

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK- WEST

Hole No: B-17W-2A

Foc	otage /	Description	Sample No.	Foo	tage	Length		Assay	S .
	,0	SHARP CONTACT TO A STRONG SILICIFIED ZONE.		From	10				
		1341.1"-1354.1" (90%) LIGHT GREY SILICIFICATION IS MASSIVE AND HOMOGENEOUS. <3% CHLORITE, SERICITE, Ca-+ Fe- CARBONATE, K-FENDSPAR VEINLETS THROUGHOUT. SOME FUCHSITE 5% EXTREMELY FINE-GRAINED DISSETTINATED PYRITE.		1341.1 1345.1 1349.4	1345.1" 1349.4 1354.1	4.0 4.3 4.9		1.98 0.57 0.09	
		1354.1"-1363.3" (86%) LIGHT GREY SILICIFICATION WITH WEAKLY DEVELOPED BRECCIATION AND FOLIATION. <5% HEMATITE, SERICITE, FE-+Ca-CARBONATE AND FUCHSITE. 4% CHLORITE; 3% QTZ UEINLETS AND BLEBS. <8% FINE-GRAINED DISSETTINATED PYRITE THROUGHOUT.		1354.1" 1358.5"	358.5* 363.5*	4,4" 5.0		0.41 0.94	
		1363.3"-1372.3" DEFORMED AND ALTERED POLYMICTIC METACONGLOMERATE PASTEL COLOURS IN THIS WELL FOLIATED SECTION (25° C/A). FLATTENED FELDSPATHIC CLASTS THROUGHOUT. 40% SILICIFIED. IT IS WEAKLY BRECCIATED WITH HEMATITE, FE-CARBONATE AND QTZ FRAGMENTS. <2% CHLORITIC MATERIAL. 6% FINELY DIS- SEMINATED PYRITE CONCENTRATED PRIMARILY ALONG CHLORITIC, SERICITIC UEINLETS AND SEAMS.		1363.5 1368.5 137-2.5 137-7.1 1377.1	368.5 372.5 374.3 377.1 377.1 381.7	5.0 3.0 2.0 3.0 4.6" z Hon	THR	0.70 0.58 0.02 0.13 0.28 39.7	v
	· · · ·	1372.3"-1381.3" AS 1363.3"-1372.3" EXCEPT THERE IS 30% CHLORITE AND FLATTENED JASPER AND FENDSPATHIC CLASTS.							
1.3" H	1400	POLYMICTIC METACONGLOMERATE FAULT CONTACT. MATRIX IS MODERATELY FOLIATED WITH <1" >6" FELDSPATHIC, QTZ, JASPER AND THE OCCASSIONAL FLATTENED MARIC CLASTS.							
	× - 2								
		ORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WS Departure FtOW Elevation: WEDGE Length: 88' Core Size NQ - 17/8	- ())FST	No	29038	F	No. <u>B-17W-2B</u>		
--------------------	-------------------	--	------------	---------------------	------------------	-----------------	---------------------		
zimut	h:	Tropari/Dip Tests: -65° 1403'			Complet	ed:			
Dip:		<u> </u>			Logged b	by: <u>BARI</u>	BARA KOWALSKI 31		
^D urpos	e: <u>70</u>	INTERSECT BROOKBANK ZONE BACKGROUND K SPECT. READINGS 400 (OUI	UTS PER	<u>MIN.</u>	United D	oy:			
Foo	tage To	Description	Sample No.	Foo From	tage To	Length	Assays Au oz/ton		
92 336"	333.6" 363.3"	MAFIC UOLCANIC. WEAKLY FOLIATED AND VERY FINE-GRAINED. Ca. + Fe. CARBONATE AND QTZ VEINLETS AND STRINGERS THROUGHOUT. DEFURICED AND ALTERED MAFIC VOLCANIC.							
		1333.6"-1336.4" MODERATELY BRECCIATED AND FOLIATED SECTION. SERICITE, GTZ, HEMATITE, CHLORITE, FE-AND CO-CARBONATE UEINLETS THROUGHOUT. 35% SILICIFIED. SPECTROMETER READINGS 400-600 COUNTS PER MINUTE. 4% FXTREMELY FINE-GRAINED DISSEMINATED PYRITE, <44% PHYRROTITE.		1333.6	1336.4	2.8	0.002		
		1336.4"- 1338.10" AS 1333.6"- 1336.4" EXCEPT BRECCIATION IS AKSENT.	-	1336.4	1338.r	a-6"	L.CC2		
		133810-1341.10" AS 1333.6"-1336.4" EXCEPT THERE IS 20% INCREASE OF FE-CARB AND 3% INCREASE OF QTZ. (35% SILICIFIED).		133810	134 <u>[</u> 10	3.D	C.C.17		
		1341.10"-1342.10" 90% LIGHT GREY SILLCLFICATION. <1% CARBONATES AND CHLORITE. 5% EXTREMELY FINE-GRAINED DISSETTINATED PYRITE.		1341.10	<u>B</u> 4Ə.10°],0	C.48		
		1342.10" - 1349.1" 91% LIGHT GREY SILLCIFICATION. SECTION LS WEAKLY BRECCIATED, <2% FE-AND Ca-CARBONATE, <2% CHLOR ITE, <2% FUCHSITE. 8% EXTREMELY FINE-GRAINED DISSETT- INATED PYRITE.		1342,0" 1345.10"	134510 1349.1	3.0 3.3"	1.67 0.284		
			· · · · ·						

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK-WEST HOLD NO: B-17W-2B

Foc	otage	Description	Sample No.	Foo	tage	Length	As	says
<u></u>		349.1"-1352.4" AS 1342.10"-1349.1" EXCEPT THERE IS AN INCREASE OF Fe-4Ca-CARBONATE (4%), QTZ (13%) + 4% FUCHSITE.		1349.1*	1352.4	3.3"	0.16	
ł		1352.4"-1354.9" AS 1342.10"-1349.1" EXCEPT THERE IS 4.1% Fe-AND CU-CARBONATE, SERICITE & FUCHSITE. 8% EXTREMELY FINE- TO MEDIUM-GRAINED PYRITE.		1352.4	1354.9	<i>a.</i> 5"	0.42	
		1354.9"-1363.3" AS 1342.10"-1349.1" EXCEPT IT IS MODERATELY BRECCIATED WITH PALE YELLOWISH-BROWN FRAGMENTS.	· · · · · ·	1354.9" 1357,10 1760.10	1357.10 1360.10 1363.3	3./" 3.0 3.5"	1.30 0.41 0.33	
J.3"	1382	DEFORMED AND ALTERED POLYMICTIC METACONGLOMERATE 1363.3" - 1376 IT IS EXTREMELY WELL FOLIATED (25°TO C/A) WITH FLATTENED FELDSPATHIC CLASTS. MATRIX CONSISTS OF 40% CHLORITE (ALMOST BLACK IN COLOUR), 20% SERICITE & FUCHSITE, 5% Ga- + Fe- CARBONATES. 6% EXTREMELY FINE-GRAINED, DISSEMINATED PYRITE.		1363.3" 1366 1369 1370 1376 1376 1379	366 369 372 376 379 382	2.9' 3.0 3.0 4.0 3.0 3.0	0.16= 0.830 0.32 0.060 0.12=	
		1376 - 1382. AS 1363.3"-1375.11" EXCEPT THERE IS <3% CHLORITE AND AN INCREASE OF SERICITE & FUCHSITE (70%). 6% EXTREMELY FINE- GRAINED DISSETTINATED PYRITE.			0.5	oz/ton	over 1	B.Z".
82)H	1403	POLYMICTIC METACONGLOMERATE. FAULT CONTACT. CLASTS ARE QTZ, FRIDSPATHIC, JASPER AND MAFIC COMPOSITIONS, RANGING FROM <1"-6" IN SIZE. THE UNIT IS MODERATERY DEFORMED, WHEREBY THE OCCASSIONAL CLAST IS SUPPORTED BY ANOTHER CLAST. GENERALLY, IT IS MATRIX SUPPORTED, A DISORGANIZED BED IN THE BASAL SECTION OF A DEBRIS FLOW. MATRIX IS GRANULAR IN APPEARANCE.						

ùde	» — -7-	<u>+65S</u>	Departure <u>17+50</u> W	Elevatio	n: <u>1002'</u>	Length:	17491	_Core Size _N(<u>)-17/8"</u>	Claim N	<u>اه</u>	29038	St	arted <u>Nover</u>	nber
ith	n:	342	Tropari/Dip Tests:	50'/-75	5501/-75	8501/-73	1186'/-72	1496'/-70	1740'/-6	9		Complet	ed:		
		7.5	Cap. Corr.	17481/-69	§_÷70, al	so tropari	Az. 354					Logged I	oy:_Barba	ra Kowalski	ġ
se	: <u>TO '</u>	TEST BROOM	KBANK ZONE AT	DEPTH BAC	KGROUND S	PECTROMETE	R-K READIN	IGS 300 COI	INTS PER	MINUTE		Drilled b	y:	0.00.000.00000000000000000000000000000	
ot	age	<u> </u>			Descriptio	<u>)</u> n	······································	<u>.</u>		ample No	Foo	otage	Length	Ass	avs
Ţ	То										From	То	Length	Au oz	/ton
	12	CASING													
		NOTE: QT	Z,HEMATITE, Fe	- AND Ca-	CARBONATE	STRINGERS	X-CUT COR	RE, CAUSING	3						
		INTENSE I	FRACTURING AND	BLOCKY CO	RE. THES	E SECTIONS	ARE NOTED	THROUGHOU	JT LOG						
		DESCRIPT	EON.												
	434	MAFIC VO	LCANIC. IT IS	MASSIVE AN	D HOMOGEN	EOUS WITH	PILLOW SEI	VAGES THRO	DUGHOUT						
		LOCALLY,	THIS UNIT IS	INTENSELY	FRACTURED	. LESS TH	IAN 2% QTZ,	, Ca- AND H	Fe-						
		CARBONATI	E AND EPIDOTE	VEINLETS.	MODERATE	LY MAGNETI	C. LESS TH	IAN ½ % FIN	NE_						
		GRAINED 1	DISSEMINATED P	YRITE AND	SPECULARI	TE.									
		297.6-300	0.6 5" QTZ VE	IN (MILKY	WHITE WIT	H SMOKY-GR	EY SILICIE	FICATION).		2	97.6	300.6	3.0	0.002	
		HEAVILY 1	INERALIZED WA	LLROCK INC	LUDED IN	THIS SAMPI	E. THE WA	ALLROCK IS	BREC-						
		CIATED W	TH PALE GREEN	TO REDDIS	H ALTERAT	IONS. LESS	THAN 15%	FINE- TO C	COARSE-						
		GRAINED 1	PYRITE.												
		300.6-309	WALLROCK TO	QTZ VEIN A	S DESCRIB	ED ABOVE.	SPECTROME	ETER READIN	NGS	31	00.6	303.6	3.0	0.004	
		BACKGROUI	ND.							3	03.6	306.6	3.0	0.03	
								. ·		3	06.6	309	2.6	0.01	
		Blocky g	round at 12-33	;66-71;88-	147;313-3	49;374-379	Cemented	hole at 80	0-180	-					
					<u> </u>	NA COTUD									
	454	DIORITE	IT IS MEDIUM-	TU CUARSE-	GRAINED,	MASSIVE P	ND HUMUGEN	LOUS. IT J							
		WEAKLY FI	RACTURED WITH	QIZ, EPIDO	TE, Fe- AN.	D Ca- CARE	SUNATE VEIN	LETS THRUE	JGHOUT.						
		LESS THAT	N 35 DISSEMINA	TED PYRITE	. DIORITE	IS MODERA	TELY TO ST	RONGLY MAG	SNETIC.						
			· · · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · · ·	,			-				
		Blocky g	round occurs t	hroughout	with less	than 5 fo	ot section	1 5.							

Page No: _____ of ____7_

_ Hole No: <u>_____7+50W-1</u>____

Foo	tag	Description	Sample No	Foo	tage	Length		Ass	ays
From			Gample No.	From	То	Lengin		Au oz	/ton
454	462	MAFIC VOLCANIC SLIVER OF VOLCANICS AS DESCRIBED AT 12-434.							
462	633	DIORITE CONTINUATION OF THE DIORITE DESCRIBED AT 434-454. LESS THAN ½% DISSEM PYRITE.							
633	696	MAFIC VOLCANIC GRADATIONAL CONTACT TO THIS FINE-GRAINED MAFIC VOLCANIC WITH PILLOW SELVAGES DISPERSED THROUGHOUT. LESS THAN ½% DISSEMINATED PYRITE AND VOLCANIC IS MODERATELY MAGNETIC.							
		Blocky ground at 666-672;681-696			-				
696	731	DIORITE AS DESCRIBED AT 462-633. IT IS INTENSELY FRACTURED WITH EPIDOTE VEINLETS AND STRINGERS.					· · · · ·		
		Blocky ground at 708-710;725-731	•••••						
731	790 -	MAFIC VOLCANIC AS DESCRIBED AT 12-434. VESICULAR PILLOW SELVAGES THROUGHOUT.							
	<u></u>	Blocky ground at 743-848.Lost core at 775-785.			··- · · · · ·	· · ·			
790	867	DIORITE IS FINE-GRAINED AND GRADES TO COARSE-GRAINED DOWNHOLE. IT IS MOD- ERATELY MAGNETIC WITH LESS THAN 1% DISSEMINATED PYRITE.	• • • • •			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		-
	· ··· ···	Blocky ground at 743-848. Lost core at 816-819;822-825;822-827						••••••••••••••••••••••••••••••••••••••	
	• •• •• •• •••	848- DOWNHOLE DIORITE IS COARSE-GRAINED, MASSIVE, BECOMING FINER GRAINED TOWARD 867. STRONGLY MAGNETIC.	· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	· · · · · · · · · · · ·	· · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
		Blocky ground at 860-894		•••••					

METALORE RESOURCES LTD. DIAMOND DRILL LOG LOCATION: BROOKBANK -WEST Hole No: __3___Of __7_____ Hole No: __3___Of __7____

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Footage From		Description	Sample No.	No. Footage		Length		Ass	ays
From				From	То			Au oz	/ton
867	1079.6	MAFIC VOLCANIC AS DESCRIBED AT 12-434. PILLOW SELVAGES THROUGHOUT.							
		Blocky ground at 860-894.							
		956-957.6 MILKY WHITE QTZ VEIN WITH LESS THAN ½% FINE TO COARSE GRAINED PYRITE							
		WALLROCK LESS THAN 3" ON EACH SIDE OF VEIN IS HEAVILY MINERALIZED WITH 2%						-	
		MEDIUM- TO COARSE- GRAINED PYRITE AND LESS THAN ½% SPECULARITE. QTZ VEIN					-		
		HAS LESS THAN 2% SHEELITE. LESS THAN ½% CHLORITIC VEINLETS THROUGHOUT.							
		971-973 QTZ VEIN WITH WALLROCK. VEIN IS MILKY WHITE WITH LESS THAN ½% FINE-					-		
		TO COARSE-GRAINED PYRITE AND LESS THAN ½% SHEELITE. WALLROCK IS BRECCIATED							
		WITH LESS THAN 4% MEDIUM- TO COARSE- GRAINED DISSEMINATED PYRITE.					-	. .	
		984-987 2" QTZ VEIN WITH ALTERED, BRECCIATED WALLRICK. VEIN IS MILKY WHITE		984	987.6	3.6	····	Tr	
		WITH 4% FINE- TO COARSE- GRAINED PYRITE DISSEMINATED THROUGHOUT.				· · · · · · ·		·	···· .
		987.6-991 8 989-990 QTZ VEIN WITH ALTERED, BRECCIATED WALLROCK.QTZ VEIN IS		987.6	991	3.6		Tr	
		MILKY WHITE WITH CHLORITIC STRINGERS AND FINE GRAINED PYRITE. WALLROCK IS							
		BRECCIATED WITH HEMATITIC FRAGMENTS AND SEIRICITE VEINLETS. 5% EXTREMELY							
		FINE GRAINED TO COARSE GRAINED PYRITE AND LESS THAN ½% CPY.	<u>.</u>						
	·	991-994 WALLRICK TO QTZ VEIN IS BRECCIATED WITH HEMATITE AND SERICITE ALT -		991	994	3.0		Tr	
		- ERATIONS.3% FINE TO MEDIUM GRAINED DISSEMINATED PYRITE.							
			- · · · -		· · · ·				
79.6	1091	ALTERED DIORITE PINK TO YELLOW-GREEN ALTERATIONS, SPECTROMETER READINGS		1079.0	1083	3.6		Tr	
		BACKGROUND. IT IS FRACTURED WITH CHLORITIC, OTZ, SERICITIC, EPIDOTE, FOL AND		1083	086.6	3.6		0.002	
		Ca- CARBONATE VEINLETS. 5% FINE TO COARSE GRAINED DISSEMINATED DYDITE		1086.	1090	3.6		Tr	
		FIRST PRODUCT OF THE TO COMMON CANADA DISSEMINATED FIRITE.							
091	1127	DIORITE IT IS MASSIVE, HOMOGENEOUS, FINE TO MEDIUM GRAINED. WEAKLY DEVELOP			a and the				
		ALTERATION AT 1116-1127. SERICITE (LESS THAN %) AND CHLORITE VEINLETS. WELL	.						
		FOLIATED 20 degrees TOCCORE AXIS.							
	۱								•

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Foo	tac	Description	Sample No.	Foo From	tage To	Length	As Au c		ays /ton	
127	1181	MAFIC VOLCANIC IT IS WEAKLY FRACTURED, FINE GRAINED AND MASSIVE. IT IS MODERATELY FOLIATED FROM 1179-1181 (40 TO CORE AXIS). LESS THAN 1% DISSEMINAT- ED PYRITE.								
181	1529	DIORITE A 6" WEAKLY ALTERED SECTION AT 1181' GRADES INTO A POSSIBLE CHILL MARGIN (8"). DOWNHOLE THE DIORITE IS COARSE GRAINED, HOMOGENEOUS AND MODERATEL MAGNETIC. LESS THAN ½% COARSE GRAINED DISSEMINATED PYRITE.	Y							
		LOST 10' CORE AT 1296-1306					· · · · ·			
	· · · · · · · · · ·	1418-1420 POORLY DEVELOPED QTZ CARB STRINGERS WITH LESS THAN ½% HEMATITE FRAG- MENTS. LESS THAN ¼% MEDIUM GRAINED DISSEMINATED PYRITE. 1470.6-1472 MILKY WHITE QTZ VEIN WITH LESS THAN ½% FINE GRAINED PYRITE.								
1529	1550	MAFIC VOLCANIC GRADATIONAL CONTACT. THIS SECTION IS FINE GRAINED WITH PLAG- IOCLASE FELDSPAR CRYSTALS THROUGHOUT. LESS THAN ½% FINE GRAINED PYRITE.	· · · · · · · · · · · · · · · · · · ·		- · · · · · · · · · ·	• • •	· · · · · · · · · · · · · · · · · · ·	· · · · ·	· · · ·	
-	····	1532-1550 FINE GRAINED, HOMOGENEOUS VOLCANIC WITH PILLOW SELVAGES. LESS THAN ½% FINE TO MEDIUM GRAINED DISSEMINATED PYRITE. LESS THAN ½% VERY FINE GRAINED SPECULARITE.			· · · · · ·		· · · · · · · · ·			
1550	1674 .	DIORITE GRADATIONAL CONTACT TO A MASSIVE MEDIUM GRAINED DIORITE. 2% FINE TO COARSE GRAINED DISSEMINATED PYRITE.		·	······			· · · · · · ·		
		DIORITE BECOMES FINER GRAINED BY 1590.IT IS DIFFICULT TO DISTINGUISH THIS FINE GRAINED DIORITE WITH A COARSE GRAINED MAFIC VOLCANIC. A GRADATIONAL CONTACT MAY BE ARGUED AT 1674'.	· · · · · · · · · · · ·	·····		· · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		

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Hole No: B-17+50W-1

Footas		Description	Sample No.	Foo	tage	Length		Ass	ays
From	6	·		From	То		 	Au oz	/ton
674	1688	MAFIC VOLCANIC GRADATIONAL CONTACT. IT IS MASSIVE AND HOMOGENEOUS. LESS THAN 1% MEDIUM GRAINED DISSEMINATED AND THE OCCASSIONAL STRINGER OF PYRITE. LESS THAN ½% Cpy,Spec. THIS SECTION IS MODERATELY MAGNETIC. VOLCANIC BECOMES PROGRESSIVELY WELL FOLIEATED AT 1684-1688 (71 DEGRESS TO							
		CORE AXIS.				-			-
		1685-1688 WELL FOLIATED MAFIC VOLCANIC. LESS THAN 1% FINE GRAINED DISSEMINATED PYRITE AND LESS THAN ½% Cpy.		1685	1688	3.0	- -	0.005	
588	1706.4	DEFORMED AND ALTERED MAFIC VOLCANIC	-						
		1688-1691 DARK GREEN WITH REDDISH BROWN TO PALE BROWN ALTERATIONS. CHLORITE	-	1688	1691	3.0		0.01	
	· · ·	SILICATES AND MAFIC MINERALS CONSTITE THE REMAINING WHOLE ROCK COMPOSITION.							
-		LESS THAN 1% DISSEMINATED FINE GRAINED PYRITE, LESS THAN 3/8 FINE GRAINED							
		CHALCOPYRITE, LESS THAN 2% DISSEMINATIONS AND STRINGERS OF SPECULARITE. VERY WELL FOLIATED 75 DEGREES TO CORE AXIS (SCHIST).	1. 1.1. 1. .	- 	••••	• • •• ••			
÷		1691-1694 AS 1688-1691 EXCEPT 30% SILICIFICATION AND IS SCHISTOSE TO MOTTLED IN APPEARANCE. 1-2% VERY FINE GRAINED DISSEMINATED PYRITE, LESS THAN 1% FINE	· · · · · · ·	1691	1694	3.0	* *:	0.01	
		TO MEDIUM GRAINED CHALCOPYRITE, 2-5% FINE GRAINED SPECULARITE.							
	· · · · · · · · · · · · · · · · · · ·	1694-1697 AS 1688-1691 AND 1691-1694	· · · ·	1694	1697	.3.0	· · · · · ·	0.01	• • •
• •		1697-1703 VERY DARK BROWN TO BLACK: WEAKLY SILICIFIED AND ALTERED. IT IS	····	1697	1700	3.0		0.02	-
		WELL FOLIATED AND MOTTLED IN APPEARANCE. LESS THAN 15% VERY FINE TO FINE GRAINED DISSEMINATED AND STRINGERS OF PYRITE LESS THAN 1% FINE GRAINED		1700	1703	3.0		0.09	•••
		CHALCOPYRITE: 2-5% SPECULARITE ALSO AS DISSEMINATIONS AND STRINGERS. NON-MAG-			· · · · · ·	· · · · · ·		· · · · · ·	
	, i.u. i.u.	NETIC.				· · · · · · · · · ·			-

Page No: <u>6</u> of <u>7</u> Hole No: <u>B-17+50W-1</u>

Foc From		Description	Sample No.	From	tage To	Length		Ass Au oz	ays /ton
		1703-1706.4 THIS SECTION MAY BE DESCRIBED AS 1.1703-1705 AND AS 1697-1703		1703	1706.	4 3.4	<u> </u>	0.03	
		WITH POSSIBLE FLATTENED QTZ AND FELDSPATHIC CLASTS (LESS THAN 2" IN SIZE).							
06.4	1732	DEFORMED AND ALTERED POLYMICTIC METACONGLOMERATE		1706.	1709.	4 3.0		0.38	
		QTZ-CARB-CHL-SER SCHIST. EXTREMELY FLATTENED FELDPATHIC, QTZ CLASTS IN A SERICITE-CHLORITE MATRIX. 20% EXTREMELY FINE GRAINED DISSEMINATED PYRITE		1709.	41712.	4 3.0		0.16	
		WITH SERICITE.							
		1706.4-1712.4 SHARP CONTACT AT 1706.4. 85-95 % PALE GREY SILICIFICATION AND LESS THAN 5% LOCAL SERICITE AND CHLORITE VEINLETS. 2-3% FINE GRAINED			·-				
		DISSEMINATED PYRITE AND 5% PYRITE OCCURS LOCALLY IN SILICIFIED ZONES.							
		1711.10"-1712.4" 6" BLACK-WHITE FAULT					· · · ·	· · ·	
		1712.4"-1716.4" 85% PALE GREY SILICIFICATION WITH LESS THAN 15% SERICITE		1712.	417.14.	4 2.0		0.05	
	••••••••••••••••••••••••••••••••••••••	CHLORITE VEINLETS. LESS THAN 15% VERY FINE GRAINED DISSEMINATED PYRITE. LESS THAN ½% Po, LESS THAN ½% Cpy.	· • • • • • • • • • • • • • • • • • • •	17.14.	41716.	4 2.0		0.08	ч
-		1716.4-1728.6 AS 1712.4-1714.4	· · · · · · ·	1716.	1719.	6 3.2		0.09.	··· ·· ·
				1719.	61722.	6 3.0		0.08	
		1728.6"-1730.6" QTZ-SERICITE SCHIST WITH 40-50% SILICIFICATION (PALE GREY)		1722.	61725.	6 3.0 -		0.28	0.161 07/161
	·····	AND 20% VERY FINE GRAINED DISSEMINATED PYRITE; LESS THAN 2% Po, LESS THAN 2% Cpy.		1725.	61728.	6 3.0		0.22	over
		1730 6-1732 6 AS 1728 6-1730 6	····	1728.	61730	6 2 0		0.05	26.2"
				1,00.					
32	1749	POLYMICTIC METACONGLOMERATE	· • • • • • •			OR	0.13	150	ton.
		SHARP CONTACT. THE CONTACT IS CHARACTERIZED BY A 6" BLACK WHITE FAULT (SILIC-					004	pr 3	7.6
		IFIED) AT 1732-1732.6.CLASTS RANGE IN SIZE FROM LESS THAN & TO 5". JASPER,	L						•• • ·
		QTZ, FELDSPATHIC AND MAFIC ARE THE MAJOR COMPOSITIONS OF THE PEBBLES AND COB-						· · · · · ·	·
		BLES. THESE CLASTS ARE MATRIX SUPPORTED, HOWEVER SUBSEQUENT DEFORMATION (SHEAR-		1 at 111.00					14 - 14 - 1

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Hole No: <u>B-17+50W-1</u>

Foo	tac	Description	Sample No	Foo	otage	Length		Assa	IVS
rom				From	То	Length		Au oz/	ton
		TO BE CLAST SUPPORTED. THE MATRIX IS ALTERED WITH SERICITE AND A TRACE OF							
		FUCKSTER FOLLATION IN THIS SCHIST IS 75DEGREES TO COPE AXIS LESS THAN 3%							
		FOCHSITE. FOLIATION IN THIS SCHIST IS FOLIONELS TO CONE MAIS. DESS THAN 40							-
		FINE GRAINED DISSEMINATED PYRITE.			}				
		1732.6-1734.6 ½% DISSEMINATED FINE GRAINED PYRITE.		1732.6	1734.	6 2.0		0.02	
						- · · ·			
	EOH						·		
		· · · · · · · · · · · · · · · ·							
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uae	:65	S	Departure <u>17+50W</u>	Elevation: _WED	GELength:	162	Core Size NO	17/8"	Claim	No. <u>TB</u>	29038	S	started _	_JANUARY_
Jth	:350		Tropari/Dip Tests:	1776/-70							Complet	ed:		<u></u>
	·····		Cap. Correc.	1776/- 70 (ACID	TEST)						Logged I	oy: <u>BARB</u>	ARA KO	WALSKI (
se	:		1								Drilled b	у:		
oota	age			Des	cription		<u> </u>		Sample No.	Foo	otage	Length	1	Assays
+	10							D .T.O	<u>_</u>	From	10			
-	1676	DIORITE.	MEDIUM TO FIN	E GRAINED. LESS	THAN 2% MED.	IUM TO COA	RSE GRAINED	DIS-				··· ·		
		SEMINATE	ED PYRITE. THE	PYRITE IS LARGE	LY CONCENTRA	TED IN WEA	KLY ALTERED							
		SECTIONS	S. LESS THAN I'	Fe- AND Ca- CA	RBUNATE VEIN	LETS THROU	GHOUT.							
					DADORIV DIOM			TON						
-	1685.4	MAFIC VC	JLCANIC. PILLOW	DELVAGES ARE S	PARSELY DIST	KIBUTED TH	KUUGHUUT SEC	TION.						
	1	LUCALLY	re- AND Ca- CA	REUNATE VEINLET	S UCCUR IN L	ESS THAN T	· SECITONS W	TTH						
		5% CONCE	ENTRATION OF ME	DIUM TO COARSE	GRAINED DISS.	EMINATED P	YRITE.							
		DEDADVET		ARTO VOLOANTO										
4.	1/02.8	DEFORMEL	D AND ALTERED M	AFIC VOLCANIC										
				NARY OPETN PET	DICH BROWN (ፚኇ፝፞፞፞፞፞፞ለለመጟጥሮእ	DATE PROLIN	ADDEC		1605 1	1600	20		0.02
1		1003.4-J	L000.4 ALIERED	DARK GREEN, KEL	OF EALBERTA	FINE TO M	FALL BROWN		-	1005.4	1000.	- 5.0		
		DISCENTA	NATED DYDITE	IIIS VOLCANIC. 1	US EXIMENT	TINE TO H	LDION GRAINE						ł	
1		DISSEULL	NALED FIRILE.											
		1699 1-1	IGOL WELL FO	NITATED (70 DECE	FES TO CORE	ARAG (STYA	CREEN TO BR	OWN		1688 1	1691	1 3 0		Tr
		VOI CANTO	C DILLOW SELVA	CFS VISIBLE THE	OUCH ALTERAT	TON PAIF	BETGE BRECCT	ATED						
		FRACMENT	C. FILLOW SLEVA	3% Ca- AND Fo-	CARBONATE VE	INLETS LE	SS THAN 3% S	FR-						
		TOTTE I	IS INCOGNOOI.	MATTTE LESS THA	N 28 FUCHSTT	F 10% FTN	F TO MEDIUM					- · · ·		
		CRAINED	DISCEMINATED D	NATTE JESS TH	$\frac{1}{2}$	THAN 29 C	DU LESS THA	N 708						
		CRAINED	DISSEMINATED F		un 16 10,00000		ру, <u>шо</u> з ни	IN 10-9			-			
		SFECULAI	KILE VEINDEIS.	and the second second second second second second second second second second second second second second second				···· ·						
		леол и т <i>г</i>				4 CTITOTET	ED (DAIE CDE	vy)	-	1691 1	1693	5 2 . 2		0.002
		1091.4-1t	093.0 AS 1088.4	-1091.4. IN AL	NED DECODATE	AMED AND I	DU (FALL GRE	1.7 VDTmm		но <i>э</i> т.,		~ ~ * * ~		
		WITH LESS	S THAN 20% EXTR	(EMELY FINE GRAD	NED DISSEMIN	ATED AND V	LINLETS OF F	JRTIF.						
1	1			ADDTADANOT ANT		OTI TOTOTO	T AN	1			1 1		1	1 1

Page No: _____ of __4

Hole No: <u>B-17+50W-1A</u>

Foo From		Description	Sample No.	Foo From	tage To	Length	Ass Au oz	ays /ton
		1693.6-1696.6 AS 1688.4-1691.4		1693.6	1696.	6 3.0	0.001	
		1696.6-1699.6 DARK BROWN-GREY MOTTLED SUGARY RICK. HEMATITIC FRAGMENTS THROUGHOUT. 25-30% SILICIFIED WITH LESS THAN 15% EXTREMELY FINE TO FINE GRAINED PYRITE. THE PYRITE OCCURS AS DISSEMINATIONS AND VEINLETS. LESS THAN 10% SPECULARITE VEINLETS.		1696.6	1699.	6 3.0	0.004	
.702.8	1732.	1699.6-1702.8 TRANSITION BETWEEN THE MOTTLED MASSIVE ROCK TO A WELL FOLIATED PALE COLOUR ROCK (GREY TO REDDISH). FOLIATION 70 DEGREES TO CORE AXIS. THIS COULD BE A GRADATIONAL CONTACT BETWEEN THE VOLCANICS AND SEDIMENTS, HOWEVER, NO CLEAR INDICATION OF FLATTENED CLASTS. 40% SILICIFICATION, LESS THAN 15% FINE GRAINED PYRITE.		1699.6	1702.	8 3.2	0.192	
	······	1702.8-1705.10 AS 1699.6-1702.8		1702.	31705.	10 3.2	0.08	
	· · · · · · · · · · · · · · · · · · ·	1705.10-1711.10 SHARP CONTACT TO A MASSIVE PALE GREY SILICIFIED SECTION. 85% SILICIFICATION, LESS THAN 15% CHLORITE, LESS THAN 5% EXTREMELY FINE TO FINE GRAINED DISSEMINATED PYRITE.	· · · · · · · · · · · · · · · · · · ·	1705.1 1708.1 1708.1	LO- LO LO-	3.0 3.0	0.33	
		2" FAULT AT 1711.10. IT IS BLACK WITH WHITE MICROVEINLETS THROUGHOUT.		1/11.				-
	••••••••••••••••••••••••••••••••••••••	1711.10-1714.10 75-85% PALE GREY SILICIFICATION. 5-8% QTZ, LESS THAN 15% CHLORITE-SERICITE VEINLETS, LESS THAN 15% EXTREMELY FINE GRAINED DISSEMINATED PYRITE.		1711. 1714.	LO- LO	3.0	0.062	
	· · · · · · · · ·	1714.10-1717.10 AS 1711.10-1714.10, LESS THAN 10% EXTREMELY FINE GRAINED DISSEMINATED PYRITE, LESS THAN ½% PHYRROTITE.	· · · · · · · · · · · ·	1714. 1717.	LO- LO	3.0	0.03	

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location:

BROOKBANK WEST

Page No: <u>3</u> of <u>4</u> Hole No: <u>B-17+50W-1A</u>

Foo From	otace	Description	Sample No.	Foo From	otage To	Length		Ass Au oz	ays /ton	
		1717.10-1720.10 40% PALE GREY SILICIFICATION, LESS THAN 10% QTZ, 50% CHLORITE SERICITE VEINLETS. 20% EXTREMELY FINE TO FINE GRAINED DISSEMINATED PYRITE.		1717. 1720.	10- 10	3.0		0.06		
		1720.10-1724 SERICITE-QTZ-CHLORITE SCHIST. LESS THAN 40% PALE GREY SILICIFI- CATION, LESS THAN 10% QTZ, 50% CHLORITE-SERICITE VEINLETS, 20% EXTREMELY FINE TO FINE GRAINED DISSEMINATED PYRITE, LESS THAN ½% Po.		1720. 1724	10-	3.2		0.10		
		1724-1727 80% PALE GREY SILICIFICATION, LESS THAN 10-15% CHLORITE VEINLETS. 20% EXTREMELY FINE TO FINE GRAINED DISSEMINATED PYRITE.		1724 1725	1725 1726	1.0		2.20 1.31		
		1727-1730 TRANSITION BETWEEN THE MASSIVE SILICIFIED ZONE AND A CHLORITE-QTZ- SERICITE SCHIST (WHERE SERICITE VEINLETS PROGRESSIVELY INCREASE). FOLIATION	· · · · · · · · · · · · · · · · · · ·	1727	1730	3.0		0.15		
	· · · · ·	PYRITE, LESS THAN ½% Cpy, LESS THAN ½% Po.	···· · · · · · · · · · · · · · · · · ·	· · ······		· · · · · · · · · · · ·	· · · · ·	••••••••••••••••••••••••••••••••••••••	0.220	z/tm
	· · · · · · · · · · ·	1730-1732.2 CHLORITE-QTZ_SERICITE SCHIST. LESS THAN 5% CHLORITE VEINLETS, LESS THAN 25% PALE GREY SILICIFICATION, 60-70% SERICITE, 20% EXTREMELY FINE TO FINE GRAINED DISSEMINATED PYRITE.		1730	1732.	2 2.2	· · · ·	0.02	CTOCK	37.0
732.	2 1776	POLYMICTIC METACONGLOMERATE				······ · · · · ·		• • • • • •	- · ·	
	· · · · · · · · · · · · · · · ·	SHARP CONTACT 4-5" BLACK-WHITE FAULT. THIS CONGLOMERATE IS INTENSELY DEFORMED AND ALTERED WITH QTZ, JASPER, MAFIC AND FELDSPATHIC PEBBLES (WHICH ARE FRACT- URED).MATRIX IS SHEARED AND ALTERED WITH SERICITE AND SILICIFICATION (LESS	·····			· · · · · · · · · · · · · · ·	· · · · · · · · · · · ·			
	· · · · · · · · · · · · · · · · · · ·	THAN 20%) AND TO A LESSER EXTENT CHLORITE AND FUCHSITE. FOLIATION 80 TO CORE- AXIS. 1732.2-1734.2 LESS THAN 1% DISSEMINATED FINE GRAINED PYRITE.	· · · · · · · · · · ·	1732.	2-	2.0	• • • • • • • •	0.14		
				1734.	2			-		

Page No: 4_____ of ____

Hole No: <u>B-17+50W-1A</u>

4

Fc	ge	Description		Footage		Length	Assays		
From	То		Sample No.	From	То	Lengui		Au oz	/ton
		FAULTS 1" AT 1743; 9" AT 1747; 1" 1753.9; 1' AT 1754.3							
		1752.3-1755.3 SERICITE -QTZ SCHIST. BLACK MATRIX WITH WHITE QTZ EYES. LESS		1752.	3-	3.0		Tr	
		THAN 2% FINE GRAINED DISSEMINATED PYRITE.		1755.	3		-		
		1755.3-1757.3 AS 1752.3-1755.3 SHARP FAULT CONTACT AT 1755.3		1755. 1757.	3- 3	2.0		Nil	
		1757.3-1761.7 FAULT WITH SERICITE MATERIAL (10%) TRACE FINE GRAINED PYRITE.		1757.	3-	4.4		0.005	
				1761.	7				
		1761.7-1764.7 CHLORITE-QTZ-SERICITE SCHIST. FOLIATION 80 TO CORE AXIS.LOC-		1761.	7-	3.0		0.006	
		ALLY 2% FINE GRAINED DISSEMINATED PYRITE.		1764.	7				
		1772-1776 THE POLYMICTIC METACONGLOMERATE UNIT GRADUALLY BECOMESS LESS SILICIFIED AND SERICITIZED BUT MORE CHLORITIZED	· · · · · · · ·		·····				
	· · · ·	NOTE: RODS BROKE IN HOLE TERMINATING FURTHER DRILLING. 10-20' OF SAND	= ·			•••			
						t - the second stands of the			· · · ·
	LUH								· · · ·
						1 11 - an antai ann an 11 An		e e e an air air aire air an air an a	
			· · · · · · · · · · ·						
		·····		- The server					
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	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · ·		· · · · · · · · · · · · ·				

The toles inclused belong to the 1984-85 programs. Please submit them for your records. also enclosed are the assays for the program Mote: These are on leased ground.

Carlian Kennaldi

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Hole#

B31

Footage 1168 - 1173 1163-1168 1173-1178 1178-1183 1183-1187 1187 - 1192 1192 - 1197 1197-1202 1202 - 1205.10" 1205.10-1207 1207-1212 1212 - 1215 1215-1220 1220-1225 1225-1230 1230-1235 1235-1240 1240-1245 1245-1251 1251-1256 1256-1261 1261-1266 //65.8"-//70.8" //70.8"-//74.8" //74.8"-//78.8" 11788"- 1183.8 1183.8"- 1188.8" 1188.84 - 1193.8" 1193.8"- 1197.8" 11978" - 1202.8" 1202.8"- 1207.8" 1207.8"- 1212.8" 1212 8"-12 17.8" 1217.8"-1222.8" 1222.84 - 1227.8"

Assay (Au oz/ton) (Ag 0.0202/tm). Nil Tr TR TR TR 0.06 Th 0.56 (Ay 0.24 02/1m). 0.29 0.364 0,21 (Ay 0.09 oz/tm) 0.48 (A& 0,27 oz /tm. 0.66 (Ad 0.3302/tm) 0,15 0,16 0,11 0.37 0,54 (Ay 0,15 02/tm) 0,52 (Ay 0,17 02/tm) 0.01 TR TR. 0.'09 (), O/ .D/4 0.978 0,41 6,41 0.565 0.549 0.12

B3IA

a. J. 9

Hole # Footage 1232.8"-1237.8" B3IA 1237.8" - 1242.8' 1242.8" - 1247.8" 1247.8" - 1251. 1" |333.10"- |335.10" |335.10"- |339 B-40 B36 1240-1245 1245-1250 1250-1255 1255-1260 1260-1265 1265-1270 1270-1275 1275-1280 1280-1265 1285-1290 1240-1295 1245-1300 1300-1305 1,305-1310 1310-1315 1315-1320 1320-1325 |325-|330 /330-/335 1335-1340 1340-1345 1345-1350 1350 - 1353 1353-1358 1358 - 1363 1363 - 1368 1589-1594 1599-1604

Assay (Au or Hm) 0.43 0,49 0.10 0.39 0.215 0.416. TRATT 0.01 0.08 0.05 KKKKKKKKKKK TR. 0.02 0,12 0,53 0,40 0.05 0.02 0.02 TR TR TR TR

cont'd

S. 41 Assay Huoz Itra) cont'd Hole# Footage 1609 - 1614 1624 - 1629 В36 TR TR TR 1624-1634 0,0/ 136A 1242-1247 0.002 1347-1252 0.002 1252-1258 0.005 1258 - 1264 1264-1269 6.12 0.09 1269-1274 0.005 1274-1279 1279-1284 Nil 1284-1290 0.002 0.002 1240-1242 1242 -1247 Nil 1247 - 1300,6" Ni/ 1300.6"- 1302.6" 0.002 1302.6"-1308 Nil 0,005 1308-1313 0,002 1313-1318 0,15 1318-1323 Ö.80/ 1323-1325 1325-1330 D.261 1330-1332.3" 1332.3"-1337 1337-1942 1342-1344.7" 0.077 0.035 0.068 6,01 1/64.10"-1/67 B38B 0.002 167 - 1169.6" 0.002 1169.6"- 1172.11" 0,479 1172,11"- 1175.3" 0,01 1175.3'- 1178.7" 0.002 1178.7"-1181.5" 0.01 1181.5"-1184.5" 0.03

 ΔDb

11840-1187 5"

4. 29

Hole # Footuge 1187,5"- 1189.10" B38B 1189.10"-1192.3" 1182.3"- 1194.1" 1144,1" - 1147,1" 1197,1" - 1200,2" 1200,2"- 1203,2" 1203.2"-1206 1206 -1208.2" 1208.2"-1210.10" 1210.10" - 1213 1213-1214.6" 1214.6"-7216.5" 1216.5"-1218.5" 1218.5"-1220,10" 1220.10"-1223.10" 1223,10"-1526,10" 12.26.10"- 1229.7" 1229.7"-1232.1 1232.1"-1235.1 1235.1"-1236.11" 1236.11"- 1239.6" 1239.6" - 1241.6 1241.6" - 1244.6" 1244.6" - 1247 1164.2"-1167 B38C 1167 - 1170 1170- 1173

1173-1175.4"

1175.4"- 1177

1177 - 1180

1180-1183

/183-/186

1186 - 1189

1189 - 1192 1192 - 1195

Q. 08 0.032 0,16 0.085 Q.039 2.08 0,194 0,18 185 6,05 0,153 0,18 6,113 0.04 0.05 0.057 0.22 0,122. 0.01 0,002 0.01 0.64 0.843 0.0/ 0.006 0.005 0.022 0.01 0.042 0.005

Assay (Au Oz Han) cont'd

0.008

(),005

0.022

0.01

0.13

5. 49

Assay (Au oz/trn) cont'd Footage Hole # 0.02 B38C 198-1201 0.005 1201-1204 0.002 1204-1207 0.05 1207-1210 1210-1213 1,05 1213-1216 04 1316 - 13/9 Ĵ), 0.433 1219-1222 1222 - 1225 ().06 0,278 1228 1225-0,07 1228- 1231 0.076 1231 - 1234 1234 - 1237 0.211237-1240 0,124 1240-1243 0,11 0,192 1243-1246 0.27 1246-1249 0.208 1249-1252 1252-1254 0.062 Nil B38D 1140-1142 1142-1145 0.0/3 1145-1148 0.01 Q.007 1/48-1151 QIDDS. 1151-1154 0,004 1154- 1157 0,002 1157-1159 0.004 1159-1161 1161-1163.4" .05 1163,4"- 1167 124 0,57 1167-1169 U. 017 ほん・ 1169-1172 1172-1175 ().OOY צוט, ני 1175-1178 0.58 1811 - 8711 0.011 1181-1183

6.4,9

Hole # B38D

B38E

Assay (Au o7/10) cont'd Fuotupe |186-1189 0,015 1189 - 1192 1192 - 1194 0.011 0.026 1194-1197 0.01 0.009 1/97-1200 1500 - 1303 0.005 1203-120k D,13 1206-1208 1208 - 1211 1211 - 1214 0.695 1314-1217 0,47 1217-1220 0,166 1220-1223 0,08 1223-1224,5" 0,048 1224,5" - 1227 1227 - 1230 0,02 0,371 1230-1232,5" 0,150 1145 2"- 1146.8" 1146.8"- 1149.8" 0.006 0.006 1149.8"- 1152.8" 0,041 1152.8"- 1155.8" 1155.8"- 1158.8" K ,002 1162.1 1158.8 1162.1"-11.65.1" 006 168,10" 0.006 1/65.1 1168.10"-1171.10 0.014 1171.10'- 1173.2' 0,464 0.318 1173.2"- 1176 |176- 1179 0.02 1179-0.03 1182 0.02 0.02 (),0US 0,036 0.01

. . .

7.19

Assay (Au or Han) cont d. Footage there # B3SE 1200-1203 Q.078 1203-1206 0,024 0.064 1206 - 1209 1204-1212 1212 - 1215 0.132 0.369 1215-1218 0,432 1218-1221 0.032 1221-1224 0.04 1221-1227 |227 - |230.|" |230.1" - |233.1" |233.1" - |235.1" 58 0.22 0,/3 1235.1"- 1238,1" 0,02 1238.1"-1241.1 0.07 1241.1" - 1243.1" 0,38 1243,1"-1245,1" Q,B 1245.1" - 1247.8" 1247.8" - 1249.8" 0.11 0.005 1742 - 1747.1 1747.1-1751 0.18 B38 0.136 1751-1755 0.112 1755-1760 0,03 [760-1764 1764-1768 0.02 0,232 1768-1771.6" 0.052 1771.6"-1777.6" 0.002 1786.10"-1789.10" 0.006 1792,10" 0.05 1784.10"-1824.4" 1821,4"-0.00Z 1824.4" - 1829.4" 1824 4" - 1834,4" 0.125 0,267 1834,4"-1836.7" 0.762. 1836.7"- 1841.8" 0.106 1841.8"- 1844.3" 1844.3"- 1848.9" 0,38 0.504

8.099

Hole# Footupe 1739.2"-1741.10" B38A 0.12 0.17 1741.10"-1744.8" 1747.2" Ó.18 1744.8 1747.2"-1749.8" 0,30 28,81 1749.8" - 1751.6" 1751,6'- 1754 0.04 0.04 1754 - 1756.6 1756.6-1759 0.01 1759-1761.6," 0.005 1761.6"- 1764 0.005 1764-1765.10 0.04 1811 - 1813.6 0.06 1813.6"-1816 0.26 0.32 1816 - 1818,6 1818,6"- 1821 0.92 1821-1833.6" 1823,6"- 1826 . 38 . 28 1826-1824.4" 1829. 4"- 1832. 6" 0.42 1832.6" - 1835 1835 - 1837.6" 0.74 0.59 23-85 0.002 25- 28.7" 40.6" - 42.6" 0.002 0.000 281-287 Nil 287 - 289.9" 289.9" - 243.10" 0,000 Nil 458.7"- 463.7" Nil 463.7"-466.4" 466.4"-468.3" 0.002 0.005 0.005 602-603 603.9"-604.7" 0.002 Nil 708,4"-714.8" 730.7" 725.7"-Q.00Q 735.7"- 740.7" 0.01

Assay (Au or Hen) cont'd

B31

9. d.9

Footage Hole # 631 787.11"-794.6" 858 - 863 3" 944 - 949 964-966.1" 1057.3"-1059.1"

B36 349-351,4" 547-551.5" 551.5"-554.3" 554.5"-559.5" 5595"-514.3" 5,93,5"-596.7" 644,2"-646 667.4"-672.4" 672.4"-675.4" 713-714.4" 714.4" 718.6" 718.6"-721.9" 825.2"-830.2" 830.2" - 835.2"

Assay (Au oz Han) cont'd 0.03 0.002 (Ay 0.0102/tm) 0.002 " 0.02 " 0.005 0,005 TR TR

TR TR

TRAKKKK

TR

TR.



42812NW0080 63.4852 SANDRA

050

METALORE RESOURCES LIMITED

Summary Report of the 1984-1985 Diamond Drilling Program on the Foxear Gold Property

Irwin Township, Ontario

March 1985

Barbara Kowalski Project Geologist

OM82-4-C-184



42812NW0080 63.4852 SANDRA

050C

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MAP AT SCALE OF ONE INCH EQUALS ONE HUNDRED FEET	

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SUMMARY

During the fall-winter of 1984-1985 a diamond drill program was conducted on a gold prospect in Irwin Township, Northwestern Ontario. The objective of this program was to continue evaluating a contact zone to the southeast of the Brookbank gold-bearing structure. The Foxear Contact Zone is located, geologically, on a dextral offset fault from the Brookbank Contact Zone. The Foxear Contact Zone lies between mafic volcanics to the south and polymictic metaconglomerates to the north. The results from the diamond drill program indicated intense deformation, alteration and mineralization occurring at the contact, however, steeper holes indicated silicification and mineralization concentrating within the polymictic metaconglomerates. This zone will be further evaluated with a scheduled diamond drill program in 1985-86.

Fourteen (14) diamond drill holes were completed on the Foxear Contact Zone for a total footage of 3,149 feet.

Line	Hole No.	Dip	Total Depth of Hole
6+80E	84-6SE-1-	- 4 5	545'
6+80E	84-6SE-2~	- 40	257'
18+00E	84-18SE-1	- 4 5	150'
18+00E	84-18SE-2	-40	166'
24+00E	84-24SE-1	- 42	445'
26+00E	84-26SE-1-	- 4 3	391'
26+00E	84-26SE-2 -	- 45	140'
26+00E	84-26SE-3-	- 45	106'
26+00E	84-26SE-4	-65	193'
27+00E	85-27SE-1~	- 67	494'
28+00E	84-28SE-1	- 45	941
28+00E	84-28SE-2	- 70	194'
28+00E	84-28SE-3 >	-57 1/2	111'
30+00E	84-30SE-1	- 42	207'
34+00E	84-34SE-1	- 4 5	150'

-1-

INTRODUCTION

The purpose of this report is to briefly summarize the diamond drilling program during 1984-1985, undertaken on the Foxear property located in Irwin Township. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Foxear Contact Zone is accessible by bush road traversing east to the easterly extent of the Foxear Grid.

PREVIOUS WORK

Geological mapping, geophysical surveys and diamond drilling were conducted in the 1982-1983 work program on the Foxear property. The results are summarized in the 1983 report by P. Lassila.

GENERAL GEOLOGY

The Foxear Contact Zone lies along the contact between a polymictic metaconglomerate unit to the north and a mafic volcanic unit to the south. The mafic volcanic consists of massive and pillowed flow units (including vesicular pillow selvages) with tops to the north. The volcanic is intruded by a coarse- to fine- grained diorite with disseminated and 1/8" veinlets of fine-grained pyrite and specularite. The volcanics were overlain by a polymictic metaconglomerate. The entire unit was subsequently displaced whereby, the polymictic metaconglomerate now lies subvertically to the north with the volcanics to the south. The metasediments are interpreted by the author as a debris flow (a disorganized bed, where there is no grading, no stratification and no imbrication of granitic, feldspathic, quartz, mafic, jasper pebbles and cobbles). These pebbles and cobbles range in size and are confined to a four to six foot basal section. The matrix is generally well foliated where mafic clasts are subangular to angular and have been subsequently flattened due to deformation. Volcanic material, fine- to coarsegrained is found throughout the matrix. The metaconglomerate unit is overlain by an altered (sericitic), pebbly sandstone with conglomerate debris throughout, which in turn, is overlain by a greywacke interbedded with shaly or mudstone units (and is interpreted as a turbidite).

Genetically, the diorite intruded the volcanics (and the contact between the volcanics and sediments in some places) and caused incipient faulting and/or shearing along the contact. Later hydrothermal activity altered the volcanic-sedimentary units and precipitated and/or remobilized gold from another source.

PRESENT WORK AND RESULTS

The drilling program conducted in the 1984-85 season on the Foxear Contact Zone consited of 14 diamond drill holes for a total footage of 3,149 feet. The geological summary of the diamond drill holes are presented in Table 1. The diamond drill hole results are summarized in Table 2.

- 3 -

TABLE 1: Geological Summary of the Diamond Drill Holes on Foxear Contact Zone.

Line	Hole No.	Dip	Description Summary
Note	:		-all altered sections below contain a a variable % of f.g. to c.g. pyrite
18	84-18SE-1	-45	-mafic volcanic with brown alt section -gradational contact with sediments (quartz-chlorite-sericite schist)
24	84-24SE-1	- 4 2	 -slivers of sediments through diorite and volcanic. Alt sections include Fe-carb.,hematite,sericite and silic- ification -gradational contact with polymictic metaconglomerate
26	84-26SE-1	-43	 -alternating diorite and volcanic with def and alt sections -<u>2" fault</u> -grey silicification at contact with
	- 2	- 4 5	-def and alt sections in volcanic -silicification at contact with poly-
	- 3	- 4 5	-def and alt sections in volcanic -sharp contact with polymictic meta-
	- 4	-65	-volcanic with def and alt sections (primarily carb and silicification) -sharp contact with pebbly sst (qtz- chl-ser schist) grading to a cong.
27	85-27SE-1	-67	 -weakly def and alt diorite alternating with volcanics -sharp contact with greywacke -sharp contact with polymictic meta- conglomerate; <u>4 faults</u> throughout with mineralized sections

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- 4 -

TABLE 1: cont'd

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Line	Hole No.	Dip	Description Summary
28	84-28SE-1	- 45	-weakly def and alt volcanic -gradational contact with sediments (def and alt sections) -grey silicification at contact with <u>6" fault</u> -sharp contact with qtz-chl-ser schist
	- 3	- 5 7	<pre>grading to a pebbly sst -weakly silicified heavily carb section in volcanic -volcanic in sharp contact with poly- mictic metaconglomorate</pre>
	- 2	-70	-very weakly def and alt volcanic -gradational contact with polymictic metaconglomerateSilicifiedesections throughout - <u>1.5" fault breccia</u> -sharp contact with pebbly sst
30	84-30SE-1	-42	-diorite followed by volcanic -gradational contact with a sediment - <u>6" fault breccia</u> -pebbly sst grading to a conglomerate
34	84-34SE-1	- 4 5 ,	 very weakly def and alt alteranting diorite and volcanic gradational contact with a sediment (qtz-chl-ser schist) pebbly sst with conglomerate

ABBREVIATIONS: def- deformed alt- altered carb- carbonate sst- sandstone

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- 5 -

Line	Hole No.	Grade	Width of	Total Depth
		(oz./ton)	Intersection	of Hole
26E	84-26SE-2	0.05	93'-96.6" = 3.6"	140'
		0.22 115	.7"-118.7"=3'	
		0.08 1	25'-127' =2'	
		0,05 1	27'-130' = 3'	
26E	84-26SE-4	0.042 1	58'-161' =3'	193'
		0.048 1	61'-163.9"=2.9"	
		0.06 163	.9"-166.6"=2.9"	
28E	84-28SE-1	0.078 44	.9"-48.1" =3.4"	94'
		0.127 70	.5"-73.6" =3.1"	
28E	84-28SE-2	0.106 59	.7"-62.7" = 3'	194'
		0.082 62	.7"-65' =2.5"	
		0.046 1	11'-114' = 3'	
		0.157 117	.1"-120.1"=3'	
		0.297 120	.1"-123,1"=3'	
		0.094 1	55'-158' = 3'	
		0.046 1	58'-160' =2'	
		0.046 1	60'-162.6"=2.6"	
28E	84-28SE-3	0.365 59	.7"-61.8" =2.1"	/ 111'
		0.175 61	. 8''-64' = 2.4''	
		•		

TABLE²: Summary of the diamond drill hole results on the Foxear Contact Zone.

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CONCLUSIONS

The diamond drill program on the Foxear Contact Zone indicated a deformed, altered (silicified) zone located at the contact between the mafic volcanics and sediments. The deformation and alteration at L18E appears to be concentrated strictly in the mafic volcanics. However, at L26E a fault appears, with mineralization located at the contact. At L28E (84-28SE-1; -45⁰) the mineralization is also located at the contact.

The two steeper holes at L27E and L28E indicated faulting within the polymictic metaconglomerates, however, 84-28SE-2 indicated sections of silicification and mineralization within the unit.

Structural information such as dip and plunge cannot be assessed since the structural nature of the mineralization remains to be further evaluated with a 2,000-4,000 foot diamond drill program.

REFERENCES

Lassila, P. 1983: Geological, Geophysical and Diamond Drilling Program Irwin Township, Ontario, 46p.

#63. 4852

OM 82 - 4- C - 184

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

D Metalore Resources Ltd., Diamond	Drilling,
October - November / 84, as follows	۲. ۲.
Hole 84 - 65E -1	-> Toronto File: IRWIN TP. DDR#23,
Hole 84 - 265E -2.	3 Reports of Work # 562 + # 660 for 1984
Hole 84-285E-3] Toronto File: IRWIN TP. DDR #24, Report
Hole 84-27SE-1	J of Work # 77 for 1985
Hole BY - 65E - 2.	
Hule 84-, 185E-1	
Hole 84-185E-2-	Tovonto File: IRWIN TP. DDR #28.
Hole 84-285E-1	Report of Work # 173 for 1986
Hole 84 - 285E - 2	
Hole 84- 30 SE-1	
Hole 84-265E-1.	-> Toronto File: IRWIN TP. DDR# 36.
	Report of Work #642 for 1987




		DIAMOND DRILL RECORD & LOG		• •	• • • •	A (2)						
LOCAT	TION: I	RWIN SOUTHEAST GRID. PROPERTY: METALORE	RESOL	RCES	人7D.		_	HOLE	NO: 2	34-2	YSE-1	
LATIT INCLI AZIMU START COMPI PURPO	TUDE: IN: JTH: TED: LETED: OSE:	<u>L34E</u> DEPARTURE: <u>37505</u> LENGTH: <u>445</u> <u>-42°</u> <u>O°</u> <u>O°</u> <u>O°</u> <u>O°</u> <u>O°</u> <u>CCT 6 1984</u> <u>CCT 8 1984</u> <u>CCT 8 1984</u> <u>CCT 8 1984</u> <u>CCT 8 1984</u> <u>CCT 8 1984</u> <u>TEST TRWIN SHOWING SED-MARIC CONTACT AND</u> (ON)	ELEVATIO DRILLED DRILLED- DRILLED-	N: <u>/0</u> BY: <u>0</u> FOR: <u>7</u>	20' (Brad	BPPROXIN Ley Z De Ri Bar	ate) ws xus xus	CLAIN SECTI LOGGE DATE DATE	I NO. CON: ED BY: LOGGE	TB 60 245 Bast D: CC	2190 E-1 Kowa T 10	
					.							•
F€	ET.	DESCRIPTION	SAMPLE	FEE	7_	LENGTH		······	ASS	AYS		
From	TO	· · · · · · · · · · · · · · · · · · ·	NO.	From	TO					ł		
0	6	CASINIG										
								· · · · · · · ·		[
6	39	MEDIUM - GREEN. HONOGENEOUS METASEDIMENTARY UNIT			•							
		WITH JASPER FRAGMENTS DISPERSED THROUGHOUT. IT IS										
		WEAKLY ALTERED WITH SERICITE AND EPIDOTE, Te-										
		AND Ca. CARBONATE VEINLETS, ALL CRUSS-CUTTING										
		MAIN FABRIC, LESS THAN 1/2% DISSETTINATED PYRITE.										
					···							
		35-39 ONE FOOT QTZ VEIN WITH HIGHLY					·					<u>-</u>
		EPIDOTIZED WALLROCK. GTZ UCIN MODERATELY										
	·.	HEMATIZED WITH UP TO 5% DISSETVINATED F.G. PYRTE.										
•											• • • • • •	
39	137_	DARK GREEN - FINE- TO MEDUNT - GRAMED, STRUNGLY				<u> </u>						
		MAGNETIC DIDRITE. IT IS INFAKLY FRACTURED wITH			·							
	_	FE- AND CO. CARBONATE VEINLETS AND COUNTRY ROCK										
		IS WEAKLY MINERALIZED. ISOLATED (2") SECTIONS					<u> </u>					
	L	ARE SKICIFIED (BLACIC) AND ACTIATIZED CARRYING 25	·			·						
		FINE- TO NEDIUM - GRAINED PYRITE LESS THAN 3%										
	ļ	EPIDOTE VEINLETS AND GIEBS THROUGHOUT.				-						
			.			-						
137_	139	METHSEDIMENTS AS 6-39 EXCEPT NO TASPER		<u> </u>		<u> </u>				·····	<u>├</u>	
		ERAGMENTS									 	
1	1		1	i 1		1	1		!		, 1	

DIAMOND DRILL RECORD & LOG

HOLE NO: 84- 245E-1

PROPERTY: METALORE RESOURCES LTD.

PAGE NO: 2 OF 3

FE	ET.	DECORTOMION	SAMPLE	FEL	57	LENGTH		ASSAYS		
From	To	DESCRIPTION	NO.	From	То		Fulorit	<		
139	146	FINE- GRAINED DIORITE AS 39'-137'			•					
		↓ · · · · · · · · · · · · · · · · · · ·		1						
146	162	METASEDIMENTARY UNIT AS 137-139 WITH 1'			1					
		HEMATIZED INTERLACTINATED CHERT AND WALLPUCK.								
	·	LEG THAN 120 CCARSE- GRAINED PURITE.								
	1									
162	1938"	DEFERMED METANOLCANIC, UNIT WITH MODERATELY	•	1						
		WELL DEFINED FULATION (55°(1A) QTZ (a-AN)			-					
		FE - CARRINATE JEINLETS THROUGHOUT.			1			1		
								1		
		ALTERATION ZONE. VERY DARK-GREEN TO								
		BRACK IN COLOUR WITH ISCLATED O" BRECCIA								
		SECTIONS FAINT PINK AKTERATION THROUGHOUT.							i	
		PINKISH GTE, Ca - AND FE- CARBONATE AND								
		S-RICITE (~ 13:3) THROUGHOUT BACKGROUND								
		SPECTRONETER READINGS.								
								1		
		175-177.7" 2 < 1/4/2 DISSETTIMATED PYRITE.	9473	175	177.7"	2.7"	Dil.			
		177.7"-180'	9-174	177.7"	180.0	7.5"	Nil			
-										
		180'-182.6" JE DISSETTIALATED PURITE.	9475	180	1836"	2.6"	0.005			
		182.6"- 184.6" BRECCIATED BLACK SILICIFIEN 2%)	9476	187.6"	184.6"	2	1272			
		MATERIAL -> INTEPRETED AS A FAUNTBRECCIA.				- 2				
		13 NSSETVINATED PYRITE.								
		184.6" - 186.3" WELL FORIATED, ORANGE - RED-BROWN	2477	184.6"	186.3"	1.9*	Kil			
		ALTERATION, BRETCHATED BED HEMATICIC FRAGMENTICE								
	L	FE- AND Ca- CARBONATE (FRANGE IN COLOUR).								
		SPECTROMETER READINGS SOC. DIM. ONE								
		PERCENT DISSETTINATED PURITE								
		186.3" - 189.5" WELL FORIATED (55° C/A), 30%	9478	186.3"	129.54	3.3'	TR 1			
		SERICITE - < 52 K-FELDSPARS, ISCLATED SILK (FISATION.								
				1 1		i i	· · · · · · · · · · · · · · · · · · ·	i	1	i 1

DIAMOND DRILL RECORD & LOG

HOLE NO: 84 -241E-1

PROPERTY: METALOKE RESOURCES LAD.

PAGE NO: 3 of 3

FEE	=1	DECORTONI	SAMPLE	FE	ET	LENGTH		ASSI	AYS	· · · · · · · · · · · · · · · · · · ·	
From	TO	DESCRIPTION	NO.	From	То					1	
		189.5" - 191 HOLD SILICIFIED BRECCIATED BRACK	9479	189.5"	191	1.7"	0016				
		COLOUR FRAGMENTS SIX TO TEN PERCENT FINE-									
		CRHINED DISSETTIMATED PYRITE. A 6" SECTION				•			1	<u> </u>	
		THAT IS SILICIFIED (YELLOWISH - GREY) WITH 20%						l			I
	· ·	EXTREMENY FINE- GRAINED DISSEMINATED PYRITE.								<u> </u>	1
	ļ										
	 	191I93.8" BLACK, ALTERED WELL FULIHIED	9480	191	193.8"	2.8"	TK.			 	
		RUCK WITH FE. AND CO CARBONATE VEINLETS									
		THREUGHELT. FOUR PERCENT FINE-GRAINED							· · ·	· ·	
		DISVENINATED PURITE.						L			
		· · · · · · · · · · · · · · · · · · ·									
193.8"	213	METASEDIMENTARY UNIT WITH 5% QTZ, (a-AND									
		Fe- CARBONATE (PINKISH) KEINLETT CROSS-CUTTING							ļi	ļ!	
		FABRIC. ISCLATED SECTIONS COULD BE A SANDFONE							<u> </u>		
		INTERREDDED WITH SHALLY UNITS.							ļ	Ļ	
										Ļ]	
<u>~293</u>	445	CLAST-SUPPORTED POLYMICTIC HETACCNGLOHERATE.									
		DISCRGANIZED BED (NO GRADING, NO INVERSE								,	
		GRADING, STRATIFICATION (?) NO MORICATION).									
		COBBLES (1-4" INSIZE) ARE FELDSPATHIC, JASPER.									
		GRANITIC, QTZ AND MAFIC, MATRIX HAS THE						l			
		APPEARANCE OF A PEBRAY SANDSTONE OVER-							·		
		PRINTED BY A STRONG- TO MODERATE- FOLIATION									
		AND SERICITE - GREEN MICH ALTERATIONS, LET'S							i1		
		THAN 'S S. FINE GRAINED DISSETTINATED PYRITE.									
									└─── ┤		
		332-445 FEWER CLASTS (OF THE ABOVE COMP-							<u> </u>		
<u> </u>		OSITION) WHERE MATRIX IS A PEBBLY IANDSTONE							<u> </u>		
		WITH MODERATELY STRONG SERICITIC GREEN MICA									
		AKTERATIONS.							l		
FOH											
		•.									





LOCAT	ION:	RIVIN SHOUJING - SOUTHERST GRID PROPERTY: METALORE I	FESCUR		<u> </u>			HOLE NO:	¥-∂ 776	65E-3
LATII INCLI AZIMU STARI COMPI PURPO	NUDE: N: DTH: TED: LETED: DSE:	$\frac{26+00E}{19^{\circ}} \text{Departure} : \frac{32+50S}{19^{\circ}} \text{Length} : \frac{106}{17/8^{\circ}} \text{Core Size} : \underline{NONE} \text{Dip Tests} : \underline{NOE} \text{Dip Tests} : \underline{NOE} Dip Test$	ELEVATIO DRILLED DRILLED	BY : 3 FOR: 7	1021 Lad & Jetais	y Zuos L'Xîze	- LIO WILCO	SECTION: LOGGED BY DATE LOGG	UEK :_ <u>OAK</u> ED: <u>N</u> (<u>, 71096</u> 13 Kowi 2 4 , 17, 19
		ICST WE VEIN FRO MALICESED CONTACT			-	G	Baila	ua Ka	vala	ki
FE	ET.	DESCRIPTION	SAMPLE	FEL	57	LENGTH		AS	SAYS	
From	TO		NO.	From	To				 	
2.0	15,0	CASING								
5,0_	8 a. 9"	MEDIUM-GREEN FINE-GRAINED MAFIC VOLCANIC								
		(NO EPIDOTE), FOR 1A-TION RELCITES PROGRESSIVERY					[`			
		TTO CURE USIANTORE (SO:33 CIA). THREE PERCENT								·{
		WTERLY SULFIELD WITH UP TO 25 MENUM		• • • • • • • • • • • • • • • • • • • •						•
		GRAINER OYRITE RIT DEE HEAVILY (ARBANATIZEN)								+
										1
		47-49.6" WIFELL FOLIATED (50°CIA) WEAKLY-TO	10263	47	49.6	2.6"		002		
		HEAVING MINIERAKIZED WITH UP TO 15 & FINE-								1
		TO MENUM- GRAINED PYRITE. IT IS WEAKLY STAILIFED								
		MODERATELY CHLORITIZED, AND STRONGLY CARKONATIZED.								
		2010 BROKER CURE,								<u> </u>
]					
		HT 61 - 62.3" SAME AS 47-49.6"	·							
		76.5"-78.6" SAME AS 47-49.6"	10264	76.5"	78,6"	2.1"		D.C.K		
		78.6"-80.6" I" QTZ CARB VEIN WITH WALLRUCK	10265	78.6"	80.6"	2		0.0%		
		INCLUDED IN SAMPLE, WALKKOLK IS 50% SILICIFIED			 	<u> </u>				<u>+·</u>

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DIAMOND DRILL RECORD & LOG

HOLE NO: 84-265E-3

PROPERTY: METALORE RESOURCES LTD

PAGE NO: 2 of Z

FEET. From To		DESCRIPTION	SAMPLE	FE	ET	LENGTH		ASSAYS		
From	To		NO.	From	To					
		EXTREMELY FINE- TO FINE-GRAINED PYRITE DISEM-					• •			
		INATED THROUGHOUT UNIT.								
						•	1			
		80.6"-82,9" - AS 78.6"-80.6" EXCEPTOND OTZ-	10266	80.6"	82.9"	2.3"	1.044		-	
	·	VEIN: (2) <5% SERICITLE VEINLERS FORLOW							1	
		FONIATION 60 FC/A.								
					1			;	1	
82.9"	10/2.	SHARP CONTACT WITH A HIGHLY DEPORITED					[
	-	POLYMICTIC METACONGLOMERATE MAFIC AND				1			· · ·	
	1	ATT - FELDSPITTIC CLASTS HAVE REFEN INTENSELY				1				1
		FLATTENED. TEN PERCENT SERICITE GRADUALLY			1			1		
	1	INCREASING TO 50% AT 92'. < 1/8 2 PYRITE							1	
		· · · · · · · · · · · · · · · · · · ·						1		
	Ì	92'-> CHLORITE - OTZ-SERICITE SCHIST WITH								
		FLATTENIED MAFIC - OTZ- FEADSPATHIC CLASTS		1				1	<u></u>	
		KESS THAN 1/4" TASPER CLASTS SPRESELY	·			<u> </u>			i	
		DISTRIBUTED. (FOLIPTION 35° (14) < 4/2), PYRITE					1			
							1	1 1		
<u> </u>		101-2 GRADUAL GRADATION TO AN ALTEREN								
		PERBINI SPAINSTON & INITAL THE ACCOSSIONALDA								+
		CLAST IT IS WITH FOLLATED 35°CLAUPTH					·			
		SERICITIC ULTOLITY THRINGHOUT								
								1 1		
Enil						iiiiii		<u> </u>		
		· · ·						<u> </u>		
	·									
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LOCAT	tion: I	<u>DIAMOND DRILL RECORD & LOG</u> <u>KULINIC PROPERTY: MIL ALOKE</u>	Resour	CES /	(-3_	· · · · ·	•	HOLE NO:	84- <i>à</i>	65E-1	4
LATI TNCL AZIM STAR COMPI PURPO	TUDE: IN: UTH: TED: / LETED: / OSE:	$\frac{2111E}{65} \text{ departure} : \frac{22756S}{575} \text{ length} : \frac{193}{193} \text{ core size} : \frac{193}{1000} \text{ departure} : \frac{193}{1000} $	ELEVATIO DRILLED DRILLED	DN:	<u>costi</u> iggi na Ond	y Diest	- 	CLAIM NO. SECTION: LOGGED BY DATE LOGO		(2).2.9 7-02 1-02 1-02 1-02 1-02 N-18,1	 984 .
FG	<u> </u>	DESCRIPTION	SAMPLE	FC					SAAS		
From	To		NO.	From	To	DENGIN	1			T	<u> </u>
	arn			1					1		T
0.0	26,0	CFS/NG6 FPET OF ROSED CORE.									·] ·
36.0	166.6"	MENUM- GREEN _ FINE- GRAINED MAFIC UCACANIC							+		
		LOCALLY, IT IS WEAKLY BRECCIATED AND WELL					ŀ		-		
		FORMATED (20° CIA). UP TO 45 OTZ-CARB VEINLETS.							_		
		AND LESS THAN 1% MEDIUM- GRAINED DISSETVINATED							_		
L		PYRITE.							<u> </u>	<u></u>	
	ļ	41'-52' -> MAFIC UONCANIC BECOMES CONRER GRAINED.							_		<u> </u>
		WITH PHETUDORYSTS OF PHEGOCLESE FELDSPAR.		ļ		┠	·				
		110 2 15 THE TALFOR CONTRACT	1Dal I	40-	100-						-
		THE REFERENCE SECTION UNCLES	10267	117	122	-		1 005			+
		UEDING CORDUCTORED DURTAN STATIFIED	10269	126	128	-		<u> </u>	<u> </u>	+	
	t	15 50 FINE- GREINED PYRITE) IT IS WELL FOLIATE)	10270	128	131	·			;;		+
	1	(20° C/A).	1027/	121	134		~4	==	, ,		
	-		10272	134	137			C.C.C.	<u>}</u>		<u> </u>
		158->161 GRADATIONAL INCREASE IN SILICIFICATION	10273	137	140			6.0.2			
		(UP TO 80%); 10-15% CHLORITE; MODERATELY	15274	140	143			6.662		_	
		KARBONATIZED: UP TO 15% EXTREMELY F.G. TO	10275	143	146			(.(24	<u>′ </u>		
		F.G. DISSEMINATED PURITE, THIS SECTION IS PART	10276	146	149	·	-	6.626			<u> </u>
		OF THE WALLROCK IOAL OTZ-CARB VEIN AT	10277	144	102	<u> </u>		6.05	<u>}</u>	<u> </u>	<u> </u>
		164.	YU218	150	122			<u> </u>			4

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DIAMOND DRILL RECORD & LOG

HOLE NO: 84-265E-4

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PROPERTY: METALORE RESOURCES LTD. PAGE NO: 2

FFI	FΤ		CANDER	FE	FT			
From	TO	DESCRIPTION	SAMPLE	From		LENGTH	ASSAYS	
·····		1/1-> //39" 1.70/1000 TO (TT 1 1511) SUIC.EVED	DECON	15	10	2		
		TO TECT WANKOCK TO VIE CORPORATION	10250	100	1/28	2		
		1010, CARDANIAL DOUTO; TOTO CARDONATERD.	UAXU		1/2 94	590	- <u>1.00</u> 2	
<u> </u>		NED THAN O'S TINEN DISSETTINATED AND	10081	16	160:1	a. 1	1 1 1 - 6	
	•	DEINARIS OF FURITE TIND STUDIE (F.).	<u> </u>					
-		163.9"-166.6" I' OTZ-CARE VEIN WITH WALL-	10282	1639"	166.6"	29"	1 0000	
		ROCK. WALNROCK IS HEAVILY SILICIFIED WITH						!
		PYRITE WITHIN SERICIT -CHAOR. UE INLETS, PURITE(FG)		1	· ·			
		OCCUPS AS DISSEMINATIONS AND MASSIVE VEINI FTS						
		(UP TO 2010), NESS THAN 1/25 CPY (WENFOL 30°C/A)			1			
166.6"	M3	1666" - 169.2" ABRUPT CONTACT TO A METASH DIMENT	10783	166.6"	169 2"	9.8"	2.050	
		THAT IS WERL FOR IATED (25° C/A) WITH OTZ-						
		CABB CHADRITIC SERICITIC VEINLETS. LESS THAN						
		1/2 % PYRITE DUSETINATED THROUGHOUT.						
		169.2"-172 BARREN, MUKY WHITE OTZ-CARR VEIN)						
		WITH CHLORITIC- SERICITE VEINLETS THROUGHOUT.						
		TASPER ERAGMENTS (< 1/4") SPARSELY DISTRIBUTED						
		172-193 WELL FOLLATED (40°C/A.) GRANULAR						
		IN APPEARANCE METASEDIMENTARY UNIT THAT						
		MAY BE CALLED A OTZ-SERICITE- CHLORITE						
		SCHIST, EXTREMELY ELATTENED OTT AND JASPER				1		
	•	CLASTS (< 1/4"-2") THROUGHOUT UNIT.				1		
		DOWNHOLE LARGER CLASTS ? OTZ-EELDSPATHC-						
		MAFIC - JASPER PEBBLES TO CORBLES APPEAR						
		(~1"- 1'); IN A WEAL FOR TATED MATRIX IN THIS						
	•	META (ONKNOMERATE SECTION.			•			
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LEGEND

Geological Contact
O Collar
Core Size: N-Q 1 7/8"
SCALE: 1 INCH = 100 FEET

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SCALE: 1 INCH = 100 FEET

Drawn by: Barbara Kowalski November 1984.

			DIAMOND DRILL RECORD & LOG										-
	LOCAT	10N:	LRWIN SHOWING - SE GRID. PROPERTY: METALORE	RESDUR	CES	K7D.			HOL	E NO:5	34-34	ISE-1	•
	LATIT INCLI AZIMU START	FUDE: IN: JTH: FED:	$\frac{341E}{245^{\circ}} \text{Departure: } \frac{34+15S}{24+15S} \text{length: } \frac{150}{245^{\circ}} \text{Core size: } \frac{150}{110} - \frac{17}{8}^{''} \text{Dip tests: } \frac{150}{110} = \frac{17}{8}$	ELEVATIO	n: by <u>: B</u>	/0.	14' ey B		CLA SEC LOG DATI	IM NO. TION: GED BY E LOGG	TB 6 VERT : BARI ED: N	<u>02191</u> TICAL S. Kowe OV: 13	2 184 184
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	FE	ET	DESCRIPTION	- SAMPLE	FE	Z	LENGTH		······	- AS	SAYS	·····	·····
Ļ	From	10	·	NO.	From	10		ļ	 			ļļ	
	0.0	8.0	CASING					-ro	samp	les t	alcon	<u>د</u>	
	8.0	77.0	MEDIUM-GREEN IN COLOUR, FINE-GRAINED MAFIC			•							
			VOLCANIC_ TWO PERCENT OTZ, (a- AND FE- CARBONATE,										
			CHLORITIC AND EPIDOTE VEINNETS THROUGHOUT KESS							i			
L		L	THAN 12% K-FELDSPARS ASSOCIATED WITH EPIDOTE.										
Ļ			LOCALLY VOLCANIC IS WEAKLY BRECCIATED BUT				l						
Ļ			GENERALLY MASSINE. LESS THAN 12% SULPHIDES									· .	
Ļ		ļ. <u></u>	IN ISONITED 2-3" SECTIONS.					<u>.</u>	ļ				
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Ļ	77.0	860	GRADATIONAL CONTACT TO A DIORITE. IT IS COARSE-				-					ļ]	
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.			VEINLETS THROUGHOUT LESS THAN 18 50 SULPHIDES.				<u> </u>		<u> </u>		ļ		
ŀ	<u> </u>								-	<u> </u>			
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		ł	WITH MARG- EELDSPARSGETHEOUGHOUT. TWO PERCENT OTZ				·			<u> </u>	<u> </u>	 !	
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DIAMOND DRILL RECORD & LOG

HOLE NO: 87-345E-1

PROPERTY: METANORE RESOURCES LTD.

page no: 2 of 2

FEE7 From To			SAMPLE	FEG	=7	LENGTH	[ASS	AYS		
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METALORE RESOURCES LTD.

REPORT ON A GEOLOGICAL MAPPING AND MAGNETOMETER,VLF SURVEYS

CORRIGAN LAKE GRID

IRWIN AND SANDRA TOWNSHIPS, ONTARIO

AUGUST 1985

Barbara Kowalski Project Geologist

ON 82-4-C-184



060C

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 PLATE 3 Contoured Fraser Filtration
 Radem VLF-EM
 Dip Angle
- PLATE 4 Radem VLF-EM Horizontal Field Strength

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SUMMARY

Ground magnetic and VLF-EM surveys and a geological mapping program were conducted on the Corrigan Lake Grid in Irwin and Sandra Townships, northeast of Beardmore Ont.. It was the purpose of this program to complete the most westerly extension of the contact between the polymictic metaconglomerate to the north and a mafic volcanic to the south. The contact is marked by a topographical low which may or may not necessarily indicate the presence of a fault.

The magnetics in this area are generally low with small pockets of magnetic highs sparsely distributed throughout. One area of interest lies between L74W to L86W just north of the lakeshore with associated high dip angle readings.

The VLF-EM survey results indicate the presence of four conductors PLATE 2.

In conclusion, two areas warrant further investigation with a short diamond drill program. They are: 1. The contact between the polymictic metaconglomerates to the north and mafic volcanics to the south (L24W to L31W) and 2. The magnetic high with associated high dip angles between L74W and L86W.



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Figure 1 : Location map of Corrigan Lake.

INTRODUCTION

The purpose of this report is to briefly summarize the geology and the geophysical surveys conducted over the Corrigan Lake grid during the winter and summer of 1985. The Corrigan Lake grid is an extension westward of the Knox-Patter Lakes grid in Irwin and Sandra Tonwships. A location map of the area is shown in Figure 1.

ACCESS

The Metalore Resources property at Corrigan Lake is accessible north from Provincial Highway 11 by Provincial Highway 580 to a good gravel road, Domtar Road No. 72.

PREVIOUS WORK

In 1964, Pressman, conducted some prospecting and trenching and drilled two holes on a quartz vein located in polymictic metaconglomerates approximately 600-700 feet north of the northshore of Corrigan Lake. An intersection of 0.04Au oz/ton over 4 feet was encountered in the first drillhole and in the second drillhole 0.05 Au oz/ton over 4-6 inches. A location map of the trenches and drillholes is shown in Fig.2.

GEOLOGY

The Corrigan Lake area is the most westerly extension on strike (2.2 miles) from the Brookbank Contact Zone. The most easterly section of the grid, in particular, L24W to L31W consists of a pronounced ridge of polymictic metaconglomerates with pebbles and cobbles of variable composition, (quartz, granitic, feldspathic, jasper and mafic). The peb-

- 3 -



Figure 2 : Location map of two drillholes drilled in 1964.



Figure 3 : Location map of pits and drillhole(1964). Claim No.TB730972

bles and cobbles are weakly deformed (flattened) and the matrix is homogeneous green in colour and is weakly to moderately foliated in areas. The pebbles and cobbles are numerous but become sparsely distributed to the south. This unit grades southward to an altered (sericite) pebbly sandstone where no clasts are seen. Marking this gradational* contact is a topographic low followed by a ridge of mafic volcanics to the south. The volcanic unit is fine- to coarse- grained (where it may appear to be dioritic?) and may be generally described as a massive flow. Deformation and alterations are very weakly developed with faint Fe-carbonate being the sole alteration. Occassionally, medium-grained disseminated pyrite occurs.

The contact continues westward but disappears under Corrigan Lake. The central part of the grid (L31W to L70W) is marked by a conglomerate ridge with overburden on the talus slopes. The westerly part of the grid is predominately thick overburden with few mafic volcanic outcrops. The topography here is low with a gentle but prominant rise of thick overburden to the north.

*Note: The Brookbank Contact Zone is a sharp contact marked by a fault, however, the Corrigan contact is gradational between the polymictic metaconglomerates to the north and the mafic volcanics to the south, possibly inferring no fault present at the contact.

GEOPHYSICS

Magnetometer Survey

A magnetic survey was conducted unsing a Scintrex Proton MP 2Magnetometer where readings were recorded at 25 and 50

-5-

foot intervals. A progressing base station was used along Baseline 3 at 200 and 400 foot intervals. No untoward magnetic disturbance was experienced during the survey dates and the readings were corrected for diurnal drift by comparison of the secondary base station readings at the beginning and end of each line-loop.

RESULTS

The magnetic signature is useful in defining volcanic trends and boundaries. At locations where sediments lie in contact with volcanics, an abrupt change commonly occurs from flat low magnetic relief over the sediments, to variable generally high magnetic relief over the mafic volcanics. An example where the magnetics are elevated at Corrigan Lake lies between Lines 74W to 86W in approximate vicinity of the Baseline (see Plate 1). The magnetic response represents mafic volcanics with sediments outcropping immediately to the east. Other magnetically elevated areas, in particular a large magnetic trend occurs between Lines 50W,13+50S and 90, 0+25S, southward may represent a contact between two lithologies. A magnetically elevated area occurs on L26W. This magnetic relief represents a diabase dyke. There are other very minor magnetic responses occurring through the area that warrant further investigating, with respect to magnetic associations to gold bearing zones. The results are plotted and contoured on the magnetometer survey map.

Radem VLF-EM Survey

A CroneRadem VLF receiver unit was used for the EM survey and Cuttler Maine (17.8 Hz frequency) was utilized for the transmitter station. Normal accepted operational proc-

-6-

edures were used at all times. Both the dip angle and the horizontal field strength (HFS) were measured at 25 and 50 foot intervals along 200 and 400 foot picket lines. A progressing base station was used along the Baseline 3 at 200 and 400 foot intervals. The dip angles are plotted as profiles and contoured Fraser filtration was utilized. The Horizontal Field Strength values are plotted and contoured.

RESULTS

Conductor A Knox grid L68W-L74W, Corrigan grid begins at L24W, conductor continues to L30W.

This is a weakly conductive zone with low dip angles and a maximum of a 100% increase in HFS. The contoured dip angles determined by the Fraser Filtration method, depicts high dip angles between Conductors A and C. Conductor A is coincident with the swamp covered, sheared contact between the polymictic metaconglomerate to the north and the metavolcanic to the south. (Winter, 1983).

Conductor B Knox grid L22W-L74W, Corrigan grid begins at L24W, conductor probably continues beyond L90W.

This conductive zone generally has low dip angles, except for two moderately high values between L47W-L52W with an increase of 60% in HFS, and L74W-L86W with a maximum increase of 120% in HFS. This conductor is a long linear feature that coincides with a scarp controlled, swamp covered area and continues westward across Corrigan Lake. It has been interpreted that this linear feature is a fault. (Winter, 1983).

Conductor C Knox grid L74W, Corrigan grid begins at L24W, conductor continues to L28W.

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This conductove zone has low dip angles and a maximum increase of 90% in HFS. The contoured dip angles depicts high dip angles between Conductors A and C. Conductor C is a linear feature that coincides with a scarp controlled interpreted fault.

Conductor D Corrigan grid L50W-L62W, it appears this conductor may continue westward.

This is a weakly conductive zone with low dip angles and a maximum of 20% increase in HFS. This conductor is a linear feature that coincides with a scarp controlled interpreted fault.

The last area of interest is where there appears to be no conductor on the dip angle profile, although the contoured dip angle shows moderately high values between L78W-82W, and a maximum increase of 50% in HFS between L78W-86W, along the baseline. There is a magnetic correlation at L74W-L86W which warrants further investigation related to possible gold bearing zones.

CONCLUSIONS

Two areas warrant further investigation with a short diamond drill program. They are: 1. The contact between the polymictic metaconglomerate to the north and the mafic volcanic to the south (L24W to L31W) and 2. The magnetic high with associated high dip angles between L74W and L86W.

REFERENCES

-9-

Winter, L.D.S. 1983: Geological and Geophysical Program Metalore Resources Limited, Irwin Township,Ontario, 11p.

APPENDIX

PROGRAM STATISTICS

Magnetometer Survey

6.72 Line miles988 Station readings

VLF-EM Survey

6.72 Line miles793 Station readings

GEOLOGY

6.58 Line miles

#63. 4852

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THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

D Report of the Combined Helicopter Borne → See file # 2.835\$, Reports of Gamma Ray Spectrometer Survey, Metalore Work # 312 to 317 for 1985 Resources Ltd., G.W.Sander, Sept. 28/84.

(2) Report on the Helicopter - Borne VLF-EM → See file # 2.7430, Reports of Survey, Metalove Resources Ltd., G.W. Work # 611 to 614 for 1984 and Sander, Oct. 12/84.

(3) Report on a Geological Mapping + Magnetometer -> See file # 2.8541, Report of Work Survey, Metalore Resources Ltd., B.S. Kowakski, # 438 for 1985.
June /85









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KNOX LAKE







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Vol Lac Der & Alt Dior Dior Dior Vol

ABBREVIATIONS

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Sht	Schist
С	Conglomerate
Sed	Sediment
Vol	Pillowed Mafic Volcanic
Def	Deformed
Alt	Altered

'e

LEGEND

.05/3.4 Au oz/ton//feet inches

SCALE 1 = 40







LEGEND

N- Noranda DDH M-,B- Metalore Resources Ltd. DDH (B-Q, N-Q) .05/3.0 Au oz./ton /feet



ABBREVIATIONS

C Conglomerate Dior Diorite Vol Pillowed Mafic Volcanic Ves Vesicular Def Deformed Bx Breccia Fl Foliated Bd Banded G Green Fg Fine-grained Alt Altered S Siliceous Mag Magnetic Ser Sericite Sed Sediment F Fault



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<u>.22/2.0</u> .42/3.2"

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Der & Alt





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ABBREVIATIONS

and the second second

С	Conglomerate	;	
D	Diorite		
Vol	Pillowed Ma	fic	Volcanic
Ves	Vesicular		
Def	Deformed		
F۱	Foliated		
Bx	Breccia		
Alt	Altered		
S	Siliceous		
F	Fault		

LEGEND

N-	Noranda	DDH (B-Q)		
M-	Metalore	Resources	Ltd.	DDH(B-0)
B-	"	**	44	" (N-Q)
.05/3.4″	Au oz./to	n/feet . inc	hes	

<u>SCALE</u>: 1 = 40

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ABBREVIATIONS

С	Conglomerate
Dior	Diorite
Vol	Pillowed Mafic Volcanic
Def	Deformed
Bx	Breccia
Sht	Schist
Alt	Altered

¢

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Vol Pillowed Mafic V	Volcanic
Def Deformed	
Bx Breccia	
Alt Altered	

S Siliceous

LEGEND

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ABBREVIATIONS

Peb Sst	Pebbly Sandstone
С	Conglomerate
Vol	Pillowed Mafic Volcanic
Dior	Diorite
Q	Quartz
Def	Deformed
Alt	Altered
В×	Breccia
S	Siliceous

LEGEND

.05/3<u>4</u> Au

Au oz/ton//feet

<u>SCALE</u>: 1 = 40

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PLATE11



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O ABBREVIATIONS

Peb Sst	Pebbly Sandstone
С	Conglómerate
Vol	Pillowed Mafic Volcanic
Dior	Diorite
Def	Deformed
Alt	Altered

LEGEND



-5

<u>SCALE</u>: 1⁼ 40



Alt Dior



B.KOWALSKI

500

PLATE 12A







Peb Sst	Pebbly Sandstone
С	Conglómerate
Vol	Pillowed Mafic Volcanic
Dior	Diorite
Def	Deformed
Bx	Breccia
Fl	Foliated
Alt	Altered
S	Siliceous
Chl Sht	Chlorite Schist
Ser	Sericite







ABBREVIATIONS

Peb Sst C Vol Dior Def Bx	Pebbly Sandstone Conglomerate Pillowed Mafic Volcanic Diorite Deformed Breccia Foliated
Alt	Altered
S	Siliceous
Chl Sht	Chlorite Schist
Ser	Sericite

LEGEND

.05/34

Au oz/ton//feet.inches

Dig Fil







ABBREVIATIONS

20

411

4

20

Peb Sst	Pebbly Sandstone
С	Conglomerate
Vot	Volcanic (Pillowed)
Dior	Diorite
Def	Deformed
F	Fault
Bx	Breccia
Alt	Altered
S	Siliceous
Chl Sht	Chlorite Schist

LEGEND

Au oz/ton//feet .05/34

SCALE: 1= 40



A1, 4

Der # 1/1C

C











Diorite

.10/5.0 .06/4.0 .07/2.7 .08/4.0 .06/5.0

.06/4.3

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415

0er \$ 111 C

807'

.06/4.0 .05/5.8 .06/3.4

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ABBREVIATIONS

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Peb Sst	Pebbly Sandstone
С	Conglomerate
Vol	Pillowed Mafic Volcanic
Def	Deformed
Alt	Altered

LEGEND .05/3,4

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Au oz/ton//feet.inches

<u>SCALE</u>: 1 = 40





600

0 нв2-184 63. 4852 (3)

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PLATE20








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ABBREVIATIONS

С	Conglomerate
Dior	Diorite
Vol	Pillowed Mafic Volcanic
Ves	Vesicular
Def	Deformed
F١	Foliated
Bx	Breccia
Alt	Altered
S	Siliceous
Ser	Sericite

<u>Scale</u>: 1["]= 40["]



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V UL	r caurea	manc	1010
Ves	Vesicular		
Def	Deformed		
Sht	Schist		
Alt	Altered		
Bx	Breccia		
S	Siliceous		
Ser	Sericite		
Maa	Magnetite	2	

660

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670

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42E I 2NW0080 63.4852 SANDRA

