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Township of HURTUBISE

Diamond Drilling

Report NQ: 12

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SUMMARY REPORT

on

GEOPHYSICAL SURVEYS and DIAMOND DRILLING RELATIVE to the SIGMA PROJECT HURTUBISE TOWNSHIP, ONTARIO February 26th to April 22nd 1971

> by Jay D. Murphy, P.Eng.

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INTRODUCTION

The area of interest represents a small part of a large block of ground that was investigated over a period of several years (1965-1969) on a joint venture basis by C.S.E. and United States Smelting Refining and Mining Company, the work being directed by the latter.

Preliminary work on the original block involved an airborne geophysical survey using the Barringer "Input" system followed by a geochemical stream sediment survey, ground geophysics and diamond drilling.

In the spring of 1970 when all data was turned over to C.S.E. by U.S.S.R.&M., the area referred to above stood out as an obvious target for further work. A recommendation to this effect was made by the writer and the work that was subsequently carried out constitutes the basis of this report.

Location and access for the area of interest is illustrated in Plate 10-D-1.

SUMMARY AND CONCLUSIONS

Evidence to date indicates that the Turam anomaly, which was the main reason for conducting the most recent work, is invalid. No encouragement was obtained in other areas investigated outside the Turam area.

Seigel Associates have agreed to review all data available and attempt to account for the apparently spurious nature of the Turam anomaly.

RECOMMENDATION S

No further work can be recommended on the property at least until Seigel Associates have reported on the results of their review of work completed to date.

PROPERTY HISTORY

Appendix A, a report by W.G. Robinson, effectively covers the work history of the general area and the zone of current interest in particular, prior to the most recent work as discussed here.

CURRENT WORK

TRANSPORTATION AND ACCESS

In early February, Doug Whalen of C.S.E. went to the Noranda area to scout access to the property for personnel of the contract geophysical and diamond drilling crews to follow. Both air and ground access were investigated.

It was found possible to land a light fixed wing aircraft on a small pond just west of the main claim group. It was planned to bring in the geophysical crew this way, but when attempted using a larger aircraft from La Sarre Air Service the pilot refused to land. The reason given by the pilot was that he was afraid of slush, although he had been previously assured by D. Whalen that ice conditions were good. The result was that the geophysical crew from Cana Exploration Consultants Ltd. was put down on Rube Lake, about 7 miles ENE



of the survey area, and had to make its way overland using snow vehicles. Nine crew days were expended in this phase of the move. A helicopter was mobilized from Timmins to move the crew and equipment the last couple of miles.

To prepare for the mobilization of the drill crew, D. Whalen rented a muskeg tractor and operator to scout the Abitibi logging road west from the provincial boundary then north to the Patten River (Plate 10-0-1). This section was later snowplowed to permit Inspiration Drilling to mobilize by truck via Val Paradis to the south side of the Patten River. The drill contractor's muskeg tractor and operator were then employed to scout out a trail to the drill site and move in the crew and equipment. Round trip from the Patten River to the drill site usually took 5 to 6 hours, the estimated distance one way being about 12 miles. When drilling was completed the breakup of the Patten River trapped the muskeg tractor on the south side, cutting off ground access to camp and forcing the crew to move out by helicopter. A barge was later used to cross the river and demobilize the drill equipment.

GEOPHYSICAL SURVEYS

A fairly exhaustive electromagnetic survey using several types of instrumentation in both the reconnaissance and detail stages, was conducted on the area of interest. A fluxgate magnetometer survey was also completed. Details are given in the accompanying report by Cana Exploration Consultants Ltd. entitled "Report on Magnetic and Electromagnetic Surveys, Hurtubise Township, Ontario on behalf of Canadian Superior Exploration Limited."

Results from this work were essentially negative. Some weak indications of conductivity were noted on Grids 1 and 2 (Plate 10-D-2) but nothing to stimulate further work. No

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confirmation of the original Turam EM conductor on Grid 2 could be obtained with the EM-17 horizontal loop, the SE-200 Vertical loop or the Ronka-16 VLF unit. Magnetics were also particularly flat in the area of the Turam anomaly.

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In the Grid 3 area an extensive reconnaissance survey failed to locate any significant conductivity to confirm the weak airborne anomalies which prompted this phase of the work.

DIAMOND DRILLING

It was decided prior to initiation of current work that the Turam conductor would be drilled regardless of geophysical results.

Two holes totaling 1458 ft. were drilled on a 1500 ft. contract let to Inspiration ^Jrilling Ltd. of Val D'Or, P.Q. Both holes were drilled to investigate the original Turam EM conductors as determined by Seigel Associates in the spring of 1969. The layout and results are best illustrated by Plate 10-D-3.

Hole No.1 was drilled due grid south approximately as recommended by Scintrex Ltd. originally, only set further back from the conductor trace to allow for deeper overburden.

The hole flattened so badly that below 500 ft. several lengths of rod had to be pulled so that the core tube was in a steeper section of the drill hole, otherwise the wireline overshot device would not connect with the top of the core tube. The hole would usually cave during this operation, causing a short block on the next run. Progress became so slow that it was impractical to continue to the projected depth of 750 feet, consequently Hole No.1 was stopped at a final depth of 560 feet. The results from Hole No.1 are detailed in drill log form as Appendix B.

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No sulphides of economic interest were seen and no samples were taken. Scattered pyrite, pyrrhotite and chalcopyrite were the principal metallic minerals observed. No sheared or graphitic zones were noted.

Hole No.2 was spotted to undercut all three of the approximately parallel Turam conductors as illustrated in Plate 10-D-3. A bearing 20 off grid north was selected to get an intersection more perpendicular to the indicated strike of the conductors. This hole was steepened to 50°, partly to compensate for flattening and partly to obtain a deeper intersection on the main conductor since the results from Hole No. 1 suggested that if the Turam conductor was actually valid then it most likely represented a "blind" deposit that did not extend upwards to the surface of bedrock.

Hole No.2 also flattened appreciably but succeeded in attaining a maximum depth below surface of more than 550 feet. Rock types were found similar to those of Hole No.1. No significant sulphides were seen although one section described as mineralized quartz diorite porphyry was sampled over a 40 foot width with negative results. No sheared or graphitic zones were cut. A badly fractured section was noted between footages 439 and 443 and no return water was obtained after cutting this section. At the same time the flow of water in Hole No.1 ceased, so that this hole could no longer be used as a source of drill water for Hole No.2.

Details of the results from Hole No.2 are given in the corresponding drill log included as Appendix C.

DISCUSSION OF RESULTS

It is felt that efforts to confirm the Turam EM anomaly geophysically have been more than adequate. None of the electromagnetic techniques applied gave any indication of conductivity corresponding with the Turam conductors. Ground magnetics were particularly flat in this area.

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Similarly, the Turam target was adequately drill tested and nothing, either economic or non economic, was found to explain the indicated conductivity. It is difficult to conceive of any continuous tabular conductive body attaining such an attitude that it would not be cut by one or the other of the two drill holes.

All evidence gathered by the most recent work points to the obvious conclusion that the Turam anomaly is not valid for reasons, such as operator error, that can only be speculated upon but not proven at this time. Accepting this as a fact then it remains to be explained why this apparently spurious Turam anomaly coincides with the location of airborne input anomalies.

Regarding the drilling results it should be pointed out that according to the Ontario Department of Mines geological map No. P-373, both holes drilled should have encountered andesite throughout since the drilling area lies 500 to 1500 ft. south of the indicated dacite-andesite contact. However, since mainly intermediate volcanics with minor andesite was cored in both holes, then the actual contact must lie farther south than indicated by the O.D.M.

The fact that the Turam conductors are at variance to the

formational trend suggests that mineralization, if present, is more likely controlled by structure than by lithology. Consequently, the exact location of the dacite-andesite contact may not be critical from an economic point of view.

APPENDIX A HURTUBISE TWP. CLAIMS DIEPPE BLOCK - SIGMA PROJECT

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General

In September 1969, U.S. Smelting, Refining and Mining Company terminated the agreement under which they undertook to finance and direct the exploration work on the Sigma project. Subsequently they returned most of the exploration records pertaining to this project to C.S.E. Noticeably absent were any comprehensive reports summarising the results of their operations.

Jay Murphy of C.S.E. discussed these operations with John Sharpe (then with U.S.S.R.), and concluded that an area in Hurtubise township with geochemical and geophysical anomalies warranted further work. The writer has also reviewed the available information, looking for other "tag ends" that warrant follow-up.

Selco Surveys

In March 1965, a 250 square mile area known as the Dieppe Block was tested with an airborne Input Survey by Selco Exploration, under contract. This included the northern half of Hurtubise township. Lines were flown northsouth at quarter mile intervals. Two prominent conductors were indicated in Hurtubise - one trending southwest across the northwest part and one trending south of east across the northeast part. Both appear to represent graphitic formations or graphitic shears. In the north central area, two single line conductors 31F and 31G were indicated on line 31.

Geochemical Surveys

As commonly happens, the Selco survey indicated more conductors on the Dieppe Block than could be reasonably tested on the ground. It was decided that a geochemical silt survey would be done to try and indicate areas of copper and zinc concentrations so that conductors in their vicinity could receive priority in investigation. Such a survey was made in 1965 by Barringer Research, under contract.

In Hurtubise township, an area of about two square miles to the southeast and upstream from anomalies 31F and 31G, showed anomalous copper values. Anomalous zinc values were obtained from the same streams downstream to the north. In August of 1968 additional geochemical surveys were made (presumably by U.S.S.R.) along other small streams in the vicinity of the copper anomaly. Where the two surveys overlapped, the new survey showed values approximately one half of those obtained by Barringer and showed similar anomalous determinations on streams to the east.

Questor Survey

In 1968, a twenty square mile area in Hurtubise and St. Laurent townships, encompassing the copper anomaly, was tested with an airborne Input Survey by Questor Surveys, under contract. Lines were flown N77°W at intervals of 1000 feet. A multitude of conductors were indicated in the vicinity of Selco conductors 31F and 31G but most of these appeared to coincide with streams. Two conductors, 11C and 12E were indicated to the east, upstream from the main copper anomalies. Another cluster of conductors, 10A, 9AA, and 9BB were indicated about a mile to the southeast, near the St. Laurent boundary. No conductors had been indicated by the Selco survey in these vicinities. In April 1969, twelve claims 105524-535 were staked to protect the cluster of anomalies near Selco conductors 31F and G. On the same date, four claims 105535-539 were staked to protect the Questor conductors 11C and 12E. Subsequent work satisfied the assessment requirements on all 16 claims to April 11, 1971.

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On July 2, 1970 a further 40 claims were staked by C.S.E. to expand the southerly 4 claim group and to protect Questor conductors 10A, 9AA and 9BB. Assessment work will be required for those claims before July 2, 1971.

Turam Surveys

Cl

In March and April of 1969, Siegel Associates carried out Turam surveys over the 16 claims staked in that year. Readings were taken on lines spaced at 400 feet intervals.

On the north group, the survey showed a random pattern of conductors which Siegel attributed to overburden. One group of these appears to cross the survey lines at accute angles, and could be checked with one or two cross-lines.

On the south group the survey indicated two or three consistant parallel conductors trending northeasterly for a length of 2400 feet. Overburden was calculated to have maximum depth of 100 to 140 feet. A magnetometer survey over these conductors was botched and results were not released. Siegel recommended that the conductors be tested by drilling. U.S.S.R. concluded that the high cost of bringing in a drill was not justified.

Future Plans

After freeze-up, a geophysical party will do E.M. and magnetometer surveys on the south group. Check lines and fill in lines will be run over the Turam anomaly. Other lines will be run in the vicinity of Questor conductors 10A, 9AA and 9BB. The Turam conductor zone, and any other conductors of apparent importance, will be tested with diamond drill holes.

Geophysical check work may be done on several other conductors that are within reach of the Hurtubise operation.

W.G. Robinson, September 29th, 1970

CERTIFICATE

I, Jay D. Murphy, of the Town of Smithers, Province of British Columbia, do hereby certify that:

- 1. I am a Geological Engineer resident at 151 7th Avenue N., Smithers, British Columbia.
- 2. I am a graduate of the University of Manitoba (1954) with a B.Sc. degree in Geological Engineering.
- 3. I have been practising my profession for 17 years.
- 4. I am a registered professional engineer in the Provinces of Ontario and British Columbia.

Dated at Smithers This 20th day of May, 1971

ALSE J. -Jay D. Murphy, B. P. Eng. OLINCE OF OWN

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| 413.0 | | 1 - 1 - 1 - 1 | 1 | | | | | 1 | | - | <u>+</u> | 1 | 1 |
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| ¹ | | ene al 211.0 4 Link alt this in Truch a links | • | 1 | <u> </u> | | | + | | + | 1 | | 1 |
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| | | parcel group gto stor up to 10" pervery ASL and 156 | | + | <u> </u> | | <u> </u> | + | | | + | + | 4 |
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| 443.1. | 151.8 | tulfaceous material grading to trite to med | | + | | | <u> </u> | | | | | | - |
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| L | | 165. 6" doute flow, clab. as 30° | | <u> </u> | | | | | • | | <u> </u> | <u> </u> | 4 |
| | | lower tragmental clet. as 45°, shapp. | | | | | ļ | - | _ | | _ | <u> </u> | 4 |
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| 180.7 | 195.3 | CONTACT ZONE: Med. To dork grey green, fine te | | 1 | ļ | | | | | | | <u> </u> | 1 |
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DIAMOND DRILL RECORD

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| F00 | TAGE | DESCRIPTION | SAMPLE | F00 | TAGE | LENGTH | | | | | • | |
| from | to | | N 2: | from | to | | | | | | | |
| 495.3 | 537.0 | Aurenter med area area to dark anon | | | ļ | | | | | | | |
| | | fine to mid yound monthly | | | | | | | | | | |
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| 539.0 | 560.0 | Docine med to gray green first la mid. | | | - | | | | | | | |
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| | | 519-6 - 5517 weakly banded or 50°, | | | <u> </u> | | · · · · | | | | | |
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| | | 5590 - 12" ground core | • | <u> </u> | | <u> </u> | ļ | ļ | | ļ | | |
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| LOCATION: | 14 | $\lambda - 20+00S$ CANADIAN SUP | MOND DRILL RE | CORD | | | | | HOLE | NQ: | 2 | |
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| AZIMUTH: | 330 | ° True | | | | - | PROPER | TY: | Sig | mz | | |
| Troop | 1107 | 50 339° True | | | | | · | Ľ. | 170-11 | 9.26 | | , |
| DIP: / | - 5 | D'LENGTH: 292 | ELEVATIO | DN: | ··· · ··· · · · · · · · · · · · · · · | ···· ··· ··· ··· ··· ··· ··· ··· ··· · | CLAIM | N2: / | 105 | 553 | . | |
| | | | | | • | | | | | | | |
| STARTED: | Ao | x1 13 1971 CORE SIZE: AQ 1 | TIG DATE LO | GGED: A | or: 18 | -22/71 | SECTION | 1: | <u></u> | . d. k.o. fa k.o. olas 200 0 | | - |
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| COMPLETE | D: A P | ri 22 1971 DIP TESTS: Tropar | 1 @ 760 | -2 | 90 | | LOGGED | BY: | D.J. | W | | - |
| | | | | | ~~~~ | | | | | × | | _ |
| PURPOSE: | Che | ck Turam Target | | | <u></u> | | | | | 199 P Billion and Barrison | | |
| | | <u></u> | | | | | | | | | | |
| F00 | TAGE | DESCRIPTION | SAMPLE | FOO | TAGE | LENGTH | | | | | | |
| from | to | DESCRIPTION | NQ: | from | to | LENGIA | | | | | | |
| 0 | 151 | overburden consisting of cl | ay | | | | | | | | | |
| · · · | | fine sand, gravel and clay and | | | • . | | | | | | | |
| | | 2 few boulders. cased to 154 | | | | | | | | | | |
| | | | | | | | | | | | - | |
| 151 | 443 | Pacite - anintermediate Voi | Canic | | | | | | | | | |
| 151 | 230 | grey-green to green, medium to fin | e | | 1 | | | | | 1 | <u> </u> | |
| | L | grained, flows to massive uni | form | | ļ | - | | | <u> </u> | | L | _ |
| | | moderate shearing indicated on some C | ore | | | | • | | <u> </u> | L | | |
| | 1 | ends (35°-50° to core axis) few sci | attered | l | | | | | ļ | | L | |
| | ļ | amygolules @ 166, some with epidote | cores. | | | | | | · . | <u> </u> | <u> </u> | _ |
| | ļ | bleached -167-170 (possible flow to | | | | _ | | | | <u> </u> | <u> </u> | _ |
| | | followed by slightly sheared section 169. | -174 | , | | | | | <u> </u> | | | |
| •••••••••••••••••••••••••••••••••••••• | ļ | this section contains subrounded fragm | ments | | ļ | | | | ļ | 1 | ļ | _ |
| ······ | | (could be basal breecia) - shearing 35° - : | 50° | | | | | | ļ | ļ | L | _ |
| | <u> </u> | to core axis. Qtz bleb 177 - | | | | | | | | | L | |
| | · · · · | 2myas + blezching 183-185 - 183- | /88 | | | | | | | | <u> </u> | _ |
| · · · · · · · · · · · · · · · · · · · | · · · · | Suggestion of SUB rounded frags - | | · | | | | | _ | | ļ | _ |
| | <u> </u> | white grey - bleached + low top: (a) | 188 | | + | | | | | | | |
| | <u> </u> | Contact (a) 50 to cove axis. | | ļ | | | | | } | | <u> </u> | 4 |
| | <u> </u> | 188 - 205.5 grey green Subrou | nded | | | | | | _ | · | <u> </u> | 4 |
| | | +ragments running into amrgo | tules | | 1 | | | | | | | 4 |
| <u> </u> | | + grey - White Very +ine graine | | | | | | | | + | | _ |
| | | Sections near Top of +10W! | | | · | | ·` | | | | | - |
| | | L'ONIACT W 40° TO COVE AXIS | tal | | | | | | · | <u> ·</u> | | |
| | + | 1115 + 100 MOVE ON 1855 DYECCIA | z Iea | | | | | | | | <u> </u> | _ |
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DIAMOND DRILL RECORD

| | | | | | | | | PAGE | NQ: | 2 | |
|----------|----------|--|---------------------------------------|----------|----------|--------|----|---------------------------------------|-----|----------|----------|
| FOO | TAGE | | SAMPLE | FOO | TAGE | LENGTH | | | 1 | 1 | |
| from | 10 | DESCRIPTION | Nº: | from | to | LENGIN | | | | | |
| 205 | 230 | medium fine grained - grey green | | | | | | | | | |
| | | to creamy white - breccipted - subrounded | | | | | | | | | |
| | | fragments - minor Limonite 226 | | | | | | | | | |
| | | @ 230' contact @ 40° to core axis | | | | | | | | | |
| | | | | <u> </u> | | | | | | | |
| 230 | 245 | Uniform - grey green- odd fragment | | | | | | | | | |
| | | suggested. @ 245' G" bleached - | | | | | | | | | |
| | | minor Limonite + pyrite few voids in core. | | <u> </u> | | | | | | | |
| | | | | | | | | | | | |
| 245 | 249 | bleached - suggestion of coarse ash?? | | | | | | | | | |
| | L | finer subrounded frags irregular | | | | | | | | <u>.</u> | |
| | | contact @ 35° to core axis | | | | | | | | | |
| | | | | | | | | | | | |
| 249 | 253 | Tuff - very fine grained grey- | ļ | Ļ | | | `` | | | | <u> </u> |
| | | green - bedding @ 55° to core axis | ļ | ļ | | | | | | | |
| | ļ | lower contact @ 50° to core axis | | <u> </u> | | | | | | <u> </u> | |
| | | | ļ | | 4 | | | | _ | | ļ |
| 253 | 257 | Ashi, Hor Toff some finergrained | | | | · . | | | | <u> </u> | |
| | ļ | Sections fine sub angular frags | ļ | | | | | | | | <u> </u> |
| | | lower contact 45 /2 gtz veinlet. | ļ | L | 4 | | | | | | |
| | | | ļ | _ | | | | | | | ļ |
| 251 | 274 | Bleached sections thru to 265 | [| ļ | | | | | | | |
| ļ | <u> </u> | minor Limonito 258, 12" gtz | 1 | ļ | | | | <u> </u> | | <u> </u> | |
| | | veinlet 263, 269-271 uniform with | L | ļ | <u> </u> | | | | | | <u> </u> |
| ļ | | development of irregular shaped matic min. | | ļ | | | ļ | | | <u> </u> | _ |
| | | 6" flow breccie? @ 273.5-274 | | | | | | | | | <u> </u> |
| L | | confact @ 45 to cove axis. | | L | <u> </u> | | | | | | |
| 0~1 | <u> </u> | | ļ | L | | | | | | | · · · · |
| 214 | 300 | Unitorm to 276', irregularly | | ļ | | | | | | · . | |
| | | bleached to 288", 1" gtzveinlet | ļ | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | 274.5 anyqqules - darkcentres bleached | ļ | ļ | | | | | | | |
| ļ | | rims@ 275 - odd sub rounded freq. | ļ | | | | | | | · | |
| | | 1" calcite @ 287' - @ 288.5' | | 1 | | | | | | | _ |
| <u> </u> | + | Irregular blebs of pyyrhotite aminor | · · · · · · · · · · · · · · · · · · · | | 1 | | | | | | |
| L | | Ichalcopyrite over '3" of core. | 1 | 1 | | 1 | | | 1 | 1 | 1 |

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| | | | | | | | | PAGE | N2: | 3 | |
|--------------|-----------|---|---------------|-------------|------------|--------|---|----------|----------|----------|---|
| FOOT from | AGE to | DESCRIPTION | SAMPLE Nº: | F00 from | TAGE to | LENGTH | | | | | |
| | | about - 2% of the rock (enough to | | | | | 1 | | | | |
| | | in fluence the compass) remainder | | | | | | | | | |
| | | arer to Partly bleached. Odd | | | | | | | | | |
| | | Shadowy fragment - lower contact@ 55° | | | | | | | | L | |
| | | minor amount of pyrite & chalcopyrite | | <u> </u> | | | | L | | | |
| | | on contact. | | | 1 | _ | <u> </u> | <u> </u> | | | <u> </u> |
| | | | | | <u></u> | | <u> </u> | <u> </u> | | | |
| 300 | 305 | Tuff - some bedding @ 305 | | ļ | <u></u> | - | | | | ļ=- | <u> </u> |
| | | @ 40° to core Zxis. | | _ | <u> </u> | | · | | ļ | <u> </u> | |
| | | | | | | | <u> </u> | <u> </u> | ļ | <u> </u> | |
| 305 | 334 | upper contact flows @ 30° - | | ļ | ļ | _ | 4 | ļ | ļ | | <u> </u> |
| | ļ | 305-309 bleached - Suggestion of | l | <u> </u> | <u> </u> | | <u> </u> | ļ | | <u> </u> | <u>↓</u> d |
| | | ghost +rags. 306 minor disseminate | / | Į | <u> </u> | | | | | <u> </u> | |
| ···· | | pyrhotite & chalcopyrite over 4" | | | | | | <u> </u> | <u> </u> | <u> </u> | |
| ····· | | (Bolphides may be 2/0 of rock.) | · | <u> </u> | + | | | <u> </u> | <u> </u> | <u> </u> | ╂────┩ |
| | | (Sufficent to influence compass) | | | <u> </u> | | | | <u> </u> | ┨───── | ╉────┦ |
| | <u> </u> | 309-314 Unitorm - 314 bleached, | | <u> </u> | | | | | | <u> </u> | <u>+</u> |
| | | amy quies or dark guartz phenocrysts | | <u> </u> | + | | | <u> </u> | <u> </u> | ╂──── | + |
| | <u> </u> | (tine) 314-320 pletched 9tz eyes; | | <u> </u> | + | | <u>}</u> | | <u> </u> | <u> </u> | |
| | <u> </u> | odd shadow tragment - calcite 1 | | | | | | | | | + |
| | | normal to core @ 320 - flowy of | } | | <u> </u> | | | <u> </u> | | <u>}</u> | |
| | <u> </u> | pleached to 332 - becomming | { | <u> </u> | + | | | <u> </u> | | + | ├ ──── |
| | + | +Ine grained Uniform 10 854 Where | <u> </u> | | + | | | <u> </u> | | | + |
| | | CONTACT 15 30 To Care axis | <u> </u> | | + | | | | <u> </u> | <u> </u> | + |
| 334 | 240 | first Cast is placed at automa | | | | | 1 | | | | |
| 101 | 1070 | minar Overhetite of chalaspunda 25 | | | + | | | | ┼──── | | + |
| | | Glacks the investige Sille of a laborer | | | + | | · | 1 | | <u>+</u> | + |
| | <u> </u> | lose than of the horar fillings. Supplies | <u> </u> | <u> </u> | + | | 1 | <u> </u> | | <u>+</u> | + |
| | † | arey areen with add a starte | <u> </u> | | 1 | | - | | | 1 | 1 |
| ·. | 1 | Stringer, Opporally @ Inc. I abalan | | | 1 | | + | | 1 | 1 | 1 |
| | 1 | to the care - 328 - becommina | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 |
| | 1 | uniferm + 1 340 - @ 240' 0; | | † | 1 | | | 1 | 1 | 1 | t |
| | 1 | Contact @ 65° to core Axis. | <u> </u> | 1 | 1 | | 1 | 1 | | 1 | 1 |
| | | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 |

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| HOLE | NQ: | 2 | |
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| · · · · · · · · · · · · · · · · · · · | | | |

| FOOT | TAGE | | SAMPLE | F00 | TAGE | L CHOTH | | | | | | |
|---------------------------------------|------------|--|----------|----------|----------|------------|----------|----------|----------|----------|----------|------------|
| from | to | DESCRIPTION | N2: | from | to | LENGIA | | | - | | | |
| 340 | 347 | Partly bleached - shadow fragments | | | 1. | | | | | | | |
| | <i>Q 1</i> | Lower contact @ 50° | | | 1 | | | | | 1 | | |
| | | | | | 1 | | | | 1 | 1 | | |
| 347 | 349 | Tuff- fine argined un farme | | 1 | 1 | | | 1 | | 1 | | |
| | | Standing Desco to care | { | 1 | 1 | 1 | | 1 | 1 | 1 | | |
| <u> </u> | | Shadowy seeding a contact | } | | 1 | | | | | + | | |
| · · · · · · · · · · · · · · · · · · · | | axis = mregolar lower contact | | + | | | | 1 | <u> </u> | + | | |
| | | (a) = 30 | | { | <u> </u> | + | | } | | + | } | |
| 210 | 212 | mad average on the blocked | <u> </u> | | + | | | <u> </u> | + | + | | - |
| 042 | 062 | med gramed paytly beached- | | ┨──── | · | + | | <u> </u> | | + | | |
| | | Shadow trags - mottled toward | | | <u> </u> | | | | <u> </u> | + | | |
| | | 0362 - cohlact hear hormal to | | + | | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | |
| <u>}</u> | | COVE 2X15. | <u> </u> | | | | | · · · · | + | + | <u>}</u> | |
| 2(2 | 201 | | | | | | <u> </u> | <u> </u> | | ┿──── | <u> </u> | |
| 0262 | 004 | Unitorm to 069 Decomming | | <u> </u> | | + | | <u> </u> | <u> </u> | ┼──── | <u> </u> | |
| · · · · · · · · · · · · · · · · · · · | | mottled and lighter incolor tew | | <u> </u> | <u> </u> | | | <u> </u> | Į | + | | |
| ļ | <u> </u> | guartz blebs, @ 371 tew minor | | <u></u> | | - <u> </u> | | | | <u> </u> | | ┫ |
| | | blebs pyryhotite over 12 inch | | ļ | | ļ | · | ļ | | | |] |
| | ļ | lower contact (a) 55 to core 2x15. | ļ | ļ | | | | ļ | | ∔ | | |
| | 1 | | | | | 1 | | ļ | | <u> </u> | | |
| 384 | 409 | bleached with fragments = has | | l | | | <u> </u> | | ļ | 1 | <u> </u> | |
| - | <u> </u> | flowr appearance - tew fine | | | | | | | | <u> </u> | | |
| | | grained uniform sections (green in | | | | | 1 | | | | | |
| | | (color) I these may be large fragments | | | | <u> </u> | | | | | | |
| | | las they have chilled margins] | | | | | | | i | | | |
| | | Small bleb pyyrhotite & chalcopyrite @ | | | | | 1 | | | | | |
| | | 386.8 - core sponge-like | | | | | | | | | | |
| | | + broken up around 403' - | | | | | | | | T | | |
| | | Irregular contact @ ± 50° to core axis | · · | 1 | 1 | 1 | 1 | 1 | | 1 | | |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1. | | |
| 409 | 439 | aver green, medium grained - | 1 | 1 | | | 1 | | 1 | T | 1 | |
| / | 1 | flew fragments (bembs) 6"-8" | 1 | 1 | | | 1 | 1 | 1 | 1 | | |
| | 1 | with chilled edges - bleachod sertions | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | |
| | 1 | Ferrellad 7 - fracting and to filled | 1 | | 1 | | t | | 1 | 1 | t | |
| | † | Homefito as Sugar 10 1/8' | | 1 | 1 | + | | | + | + | † | |
| | | flowr 430 - vack Barrays d | 1 | 1 | | + | | | <u> </u> | + | | |
| <u> </u> | | 11.00 10- rock Foros 4 | 1 | L | | 1 | 1 | 1 | 1 | 1 | | |

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| | - | | | | | | | | FAGE | N¥ • | 5 | |
|------|-----------------------|--|-----------|---------------------------------------|----------|----------|------------|----------|--|----------|------------|----------|
| FOOT | AGE to | DESCRIPTION | SAMPLE | F00 ⁻ from | TAGE | LENGTH | (u) (c) | Ag. | Au. |) | | |
| | | the the test | | | | <u> </u> | (/0) | (02/ 3n/ | Joer in, | ·+ | | ┼ |
| | | Confains minor Limonile (a confact. | | <u> </u> | | | | | | + | | + |
| | | tew minor blebs - pinhead size - Potry | | | | <u> </u> | | <u> </u> | | + | | |
| | | (0 439 over = - confact @40 | · · · · · | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | | ╂_──── | + | + | <u> </u> |
| 20 | 1 1 2 | | 1 | <u> </u> | | | <u> </u> | | | | | |
| 39 | 443 | core badly broken rock | | | | <u> </u> | | | <u> </u> | <u> </u> | | <u> </u> |
| | | 15 poyous, some Limonite, some | | | | | + | | <u> </u> | | _ | <u> </u> |
| | | drussy quartz on tractures | | | | ļ | ļ | | | | | |
| | | L this is the water seam area | | | | <u> </u> | | | | | - <u>-</u> | <u>}</u> |
| | | 442-443 - + lowy Volcanics. | | | | ļ | ļ | | <u> </u> | | | |
| | | after this section was drilled the | | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u></u> |
| | | water did not return - also the | | | ļ | ļ | | | <u> </u> | | - <u> </u> | |
| | | Source of the drill water hole =1 | | | <u> </u> | ļ | l | | Ļ | | <u></u> | <u></u> |
| | - - - - | dried up. about a feet of sand. | | | ļ | ļ | | | | <u> </u> | _ | <u></u> |
| | | was brought up in the core barrel | | ļ | | ļ | <u></u> | ļ | l | <u> </u> | | _ |
| | | the sand had soon washed in by | | <u> </u> | · · · | <u> </u> | | ļ | ļ | | <u> </u> | |
| | | flowing water. | | | | ļ | <u> </u> | | | <u> </u> | | <u></u> |
| | | · · · · · · · · · · · · · · · · · · · | | <u> </u> | | ļ | İ | ļ | | | | ļ |
| 743 | 483 | Quartz diorite porphyry | | | ļ | ļ | | | | | | |
| | | upper contact @ 40° to cove axis | 4951 | 443 | 448 | 5' | < 0.001 | < 0.1 | K0.005 | - | | |
| | | [Tirreqular] grey - medium grained | 4952 | 448 | 453 | 51 | K 0.001 | < 0.1 | K0.005 | <u> </u> | | |
| | | Silicious few opaque quartz | 4953 | 453 | 4.58 | 51 | < 0.001 | < 0.1 | K0.005 | | | <u> </u> |
| | | phenocrysts purchofite evenly | 49 54 | 4.58 | 463 | 51 | K C. 051 | K 0.1 | KOLOS | | | |
| | | disseminated throughout diorite. | 4955 | 463 | 468 | 51 | < 0.001 | < 0.1 | 10.005 | | | |
| | | ± · 3% of core is sulphide - | 4956 | 468 | 473 | 51 | <0.001 | < 0.1 | <a.005< td=""><td></td><td></td><td></td></a.005<> | | | |
| | | chalcopyrite, pyrite + molybdenite | 49.57 | 473 | 1.78 | 51 | K0.001 | < 0.1 | 10.005 | | | |
| | | also noted. Rock very hard odd | 4958 | 478 | 483 | 51 | KO.001 | < 0.1 | K0.005 | | | |
| | | guartz veinlet also mineralized | | 1 | 1 | 1. | | 1 | 1 | 1 | 1 | 1 |
| | | @ 464' cove is broken up in 2- | | 1 | | 1 | | 1 | l | 1 | 1 | 1 |
| | | 3+4 Inch pieces - Yandom | | | 1 | · · | 1 | 1 | 1 | 1 | | 1 |
| | | Fracturing in rock Fracturing to | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 480'. Lower contact mearly normal | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1. |
| | | to core axis @ 423' | | 1 | 1 | 1 | 1 | 1 | 1 | + | 1 | <u> </u> |
| | · · · | The same of the sa | | | 1 | 1 | 1 | t | 1 | + | 1. | <u> </u> |
| | 1 | | | | <u> </u> | 1 | + | | 1 | + | + | 1 |
| | 1 | | | - | | - | | | - | - | - | |

DIAMOND DRILL RECORD

| | | | s | | | | | 1 | PAGE Nº: | 6 | |
|---------------------------------------|----------|---|----------|----------|----------|--------|---------------------------------------|--------------|-------------|------------|----------|
| FOO | TAGE | | SAMPLE | F00 | TAGE | LENGTH | | | <u> </u> | | [|
| from | to | DESCRIPTION | N 2: | from | to | LENGIA | | | | | |
| 483 | 5/1.5 | grey-green, medium grained-uniform | | | | | | | | | |
| | | few random barren quartz Vieblets C | | | | | | | | | |
| | | Various angles to care axis - drussy | | | | | | | | | _ |
| | | guerty vein + porous rock - 502-1 foot | | | | | | | | | <u> </u> |
| | | 505-508 core follows a cloudy | | | | | | | | | <u> </u> |
| | | barren guartz vein (this could | | | l | | | <u>.</u> | | | 1 |
| | | deflect the dipartearing of the hole) | | | | | | | | | <u> </u> |
| | | @ 511 - 6" of core contains = 3% | | | ļ | | | | | | <u></u> |
| | | Sulphides - pyrite, Pyrrhotite + chalcopyri | ¢ | | 1 | | | | | | <u> </u> |
| | | 511.5 contact @ 55° to core 2 xis- | | | ļ | | | | | | Ļ |
| | | *** | I | | ļ | | | | | · | 1 |
| 5/1.5 | 533 | Breccia - containing silicious + | ļ | | | | | | | | <u> </u> |
| · · · · · · · · | | cherty fragments , angular to | ļ | ļ | · | | · · · · · · · · · · · · · · · · · · · | | | · | <u> </u> |
| | <u> </u> | sub rounded fine to coarse trags | | | | | | | | | <u> </u> |
| • • • • • • • • • • • • • • • • • • • | | Some elongeted @ 50° to cove axis. | | ļ | <u> </u> | | | | | | |
| | | becomming very Silicious darey-white | | | | | | | | | + |
| | | In color 531-533 (almost rhyolftic) | | ļ | | | └ <u></u> | · | | | <u> </u> |
| | | lower contact @ = 75 to core | ļ | ļ | <u></u> | | - | | | | <u> </u> |
| | <u> </u> | axis. ten tlecks astreaks of | | <u> </u> | | | | | | | _ |
| | | pyrite pyrxhotite in this section | | | | | | | | | <u> </u> |
| | · | 2/so few rusty flocks (decomposed | I | ļ | | | | | | | _ |
| | | pyrite?) | | ļ | | | | | | | ļ |
| <u> </u> | | | | | · | | | | | | |
| 535 | 555 | grey-green -porphoritic with | 1 | | } | | ┡_━──┤- | | | _ _ | + |
| ····· | | odd Irregular + ragment or phenocryst. | <u> </u> | | | | | | | | ── |
| | | some unitarm sections, tew | | | ļ | | ┞────┼ | | | | _ |
| | | barren quartz Veinlots, some lightly | [| | <u> </u> | | | | | | ╂─── |
| | | bleached sections - 554-555 - brecia | | · | | | | ł | | | <u> </u> |
| | | possible tault, no angle, cove broken. | <u> </u> | | + | | ┞────┼- | | | | + |
| CEF | 510 | | <u> </u> | | | | ├ | <u> </u> | | | <u> </u> |
| 300 | 1264 | 555-559 meclerately bleached | | <u> </u> | | | <u> </u> | | | | |
| | | Core Droken up in this section. | | | | | | _ | | | |
| | | 1555-564 Specciated with gtz phenocry | <u> </u> | | + | | | | | | |
| | | 1564 - contact 50° to cole axis. | | | | | ├ ────┼- | | | | + |
| | | 1 | I . | f | 1 | | ! | | | | 1 |

بالكلمالة مسيب

HOLE NO:

2

DIAMOND DRILL RECORD

.

| HOLE NO: | 2 | |
|----------|---|--|
| PAGE Nº: | 7 | |

| FOOT | AGE | BESCALDTION | SAMPLE | F00 | TAGE | (ENCTU | | | 1 | | | - |
|------|----------|--|----------|----------|----------|---------|------|----|-------|-------|------|---|
| from | to | DESCRIPTION | Nº: | from | to | LENGIA | | | | | | |
| 564 | 112 | Hndesite - dark greengmassive | | | | | | | | | | |
| | | medium - fine grained uniform | | | | | | | | | | |
| | | except for few bleached sections. | | | | | | | | | | |
| | | 566 - 567.5 - bleached, generally | | | | | | | | | | |
| | | Softer than dacate often | | <u> </u> | | - | | | | | | |
| | | contains epicote as fracture fillings. | | | | | | | | | | |
| | | of in altered or bleached zones | | | | | | | | | | |
| | | Hematite quite noticeable | | | | | | | | | | |
| | | On fractures in this section. | | | | | | | | | | |
| | | This section generally | | | | | | | | | | |
| | | barren except 2" core @ 677 | | | | | | | | | | |
| | | contains = · 390 pyrite pyryhotito. | | | <u> </u> | | | | | | | |
| | | There are also the odd irregular | 1 | | | | | | | | | |
| L | | guartz Veinlet which are barren. | <u> </u> | <u> </u> | ļ | | | | | | | |
| | · | Some light colored sections - | | L | ļ | | | l | _ | | | |
| | | dacite? - 750-760 andesite to | | | ļ | | | | 1 | | | |
| | | 772. | | | | | | L | | | | |
| | | | | | | | | | | | | |
| 772 | 782 | 29x2duz change to 2 more | L | | | | | | | | | • |
| | · · · | in termediate phase to 782 | | L | ļ | _ | | | | 3 | | ļ |
| | ļ | where 2 contact @ 55° to core | | | L | | | | | | | |
| | ļ | 2X15. / Inch guartz with rounded | | 1 | | | | ļ | | | | |
| ļ | ļ | fragments & harvine hemetite. | I | ļ | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | · . | | | | | İ | · · · | ļ | | |
| 782 | 799 | Andesite Similiar to previous | | | | | | | _ | | | ļ |
| | <u> </u> | Crackled 794-796 - irregular | | | | | | | | l | | |
| | ļ | bleb milky quartz @ 796 lower | | <u> </u> | | | | | | | | |
| | <u> </u> | confact near normal to corp axis. | | | | | | | | | | |
| | ļ | | | <u> </u> | | | | | 1 | | | |
| 199 | 898 | Intermediate volcanic-dacite | | coul | H be | Same | flow | 25 | 539 | hole# | 1 ?? | |
| | ļ | grey green - grey - medium fine | | | L | | | | | | | |
| | <u> </u> | grainpe - Irregular blebs of guartz | | L | | | | | | | | l |
| | Ļ | 805-807 well sheaved zone | | | | | | | | | | |
| L | ļ | Succestics of framments, sheaving | | | | | | | | | | |
| L | <u> </u> | (a) "50"-55° to core axis. | | - 2 | | | | | | | | |

CANADIAN SUPERIOR EXPLORATION LIMITED DIAMOND DRILL RECORD

| HOLE NS: | Z | |
|----------|---|--|
| PAGE Nº: | 8 | |

| | | | | <u>`</u> | | | | | <u></u> | - | |
|------|-----|---|---------------|----------|---|---------------------------------------|----------|---|-------------------|----------|---------|
| FOOT | AGE | DESCRIPTION | SAMPLE | FOOT | AGE S | LENGTH | 1 | | | | |
| from | to | | <u>N2</u> : ∽ | from | to | | | | | | |
| | | brecciated 819-823 | Y. | 2 | ~ ~ ~ | | <u> </u> | | | | |
| | | Uniform to 825 | 2/ | | N N | | 7 | | PROF | ESSIONAL | |
| | | @ 825 Gove runs in and out | , A | 00 | <u> </u> | | N | | - Atu | 1 | |
| | | of a medium grained Iragmental- | - A | | | \mathbf{N} | ` | | /3 | | |
| | | fraos creamer-white-silicious | \sim | 9 | Š | 0 | 20 | N | 9 J. D. | MURPHY | |
| | | and 2 fine grained dacite - numerous | 4 | | | | N | | | <u> </u> | |
| | - | fractures at various andles have hematite | 、才 | | | \mathcal{D} | , | 2 | 2 | | |
| | | coatings. | Ň | 50 | Ś | 2 | <u>у</u> | Y | OVINC | LOW! | |
| | | 848 - 851 core follows a guartz | | 0 | | J- | 1 6 | | | | |
| | | Vein -quartz barren except for | 0 | 0 | X | 2 | ~ | | | | |
| | | irregular inclusions of black green | | | 6 | 1.1 | X | N | M Jours | Jusden | |
| | | chlorific matorials calcite in fractures | | -} | × 0 | | D_{z} | <u> </u> | | | \perp |
| | | in gtz, minor hematite. | ف | Î | 12 | | A | Z | VL | | |
| | | This guartz may lie between | | - 7 | | | | 6 | | | - |
| | | the uniform + fragmental rocks.as | | _ | 2 | - 0 | | | | | - |
| | | half of the core is uniform volcanics. | | K | | 4 | | 2 | | | |
| | | 866' - 2" quartz veix contains | X | <u>ح</u> | <u> </u> | 6 | - 0 | R | | | |
| | | plagioclase foldspay. | 0 | 16 | | -\ | | | $\langle \rangle$ | | - |
| | | 866'-861' bleached, possible contact | 0 | 0 | V | 9 | | 21 | 2 | | |
| | | @75° to core axis. | G | V V | C C | V | Q. | | 6 | | |
| | 1 | Uniform 867-871 | 10 | 00 | 6 | | N | 0 | 1 | | |
| | | Fragmental 871 - 878 - 2ndesitis? | 8 | | 50 | | | | | | |
| | | Uniform 878-885 | | | 10 | 6 | 1.0 | N | | | |
| | 1 | Finer framentel 885 - 888 | 3 | 1 | | . 0 | X | 10 | N N | | |
| | | 1" guartz vein Yunning with core | 9 | 0 | 9 | 0 | A | 1 | | | |
| | 1 | 891'- 895' - quartz vein milky | 1 | ξ | | ~ | N | X | | | } |
| | | the plaquelase feldspar in walls | | 2 | 1 | 0, | | | | 1 | |
| | | 6" DZYYPH QUZYTZ @ 896 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1.10 | 10 | | | - | |
| | | 897-898 clare fellowing quarte | | | | 1 | X | 1. | 0 | -1 | |
| | | Vein with chlorito and placlor lace | | 2 | ð Í | | N | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 | 1 | |
| | | foldspar. | 1 | | | 2 | 13 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ¥ | 11 | |
| | 1 | Endothole 898 | | | <u> </u> | | | | M | 1 | |
| | 1 | | 0 | | | 3 | | 2 | -N | | |
| | 1 | | 1 | 0 | 0 | 0 | | 2 | | | |
| | 1 | | <u>↓`</u> ┤ | | | T Ò | <u> </u> | | | ++ | |
| | | | <u></u> | | | · · · · · · · · · · · · · · · · · · · | <u>M</u> | | | | |

| 1 | N710 | P 125539 8 | ONTARIO | 098 12 HURTUBISE | ured tor each |
|--|--|--|--|---|--|
| V | | THE MINING | CT REPORT OF | WORK reco | of work to be rded. |
| o the Recorde | er of ^{The} La | rder Lake | • | ····· | Mining Division |
| Canadia | an Superio | r Exploration | Ltd. | A-3' | 7377 |
| 201-117 | name or Recor 7WestHas: | tings.Street. | Vancouver. | Miner | s Licence |
| hereby repor | · rt the performance | e of | Post Office Addre | ess s of diamond | drilling |
| t before repo | orted to be applied | d on the following co | ntiguous claims | ty (see attached) | e of work claim schedul |
| aim No. | Days | Claim No. | Days | Claim No. | Days |
| 65109 | 20/ | 265118 | 20 | 265124 | 20/ |
| 5110 | 20 | 265119 | 20 | 265126 | 20 |
| 5114 | .20 | 265120 | 20. | 265127 | .20. |
| 5115 | 20 | 265121 | 20 | 265128 | 20 |
| 5116 | 20 / | 265122 | 20 / | 265129 | 20 |
| 5117 | 20 | 06E10Z | ······ | ii DEE112 | |
| 1 | • 6 • b • • | الارتيكا، الرائيكية 1 ، ، ، ، ، 1 | .4V 05520 | 6.94.1.1.D | <u>GN</u> . / |
| the case of | geological and/o | or geophysical survey | (s) where more th | an 18 claims are invo | lved attach a schedule) |
| rer or operat r Compresse pe of drill ou ir employme r Power Strip rk was done. | tor of drill. Dates ad Air or Other Po r equipment. Nam ont. <u>pping</u> - Type of ea . Proof of actual | s when drilling was do ower Driven or Mechan es and addresses of r quipment. Name and a cost must be submitt | and angle of hole one. Signed core 1 <u>nical Equipment</u> nen engaged in op ddress of owner c ad within 30 days | os and diameter of cord og and sketch in dupli perating equipment and or operator. Amount exp of recording. | Name and address of cate. the dates and hours of pended. Dates on which |
| oner or operator or Compresse ope of drill or eir employme or Power Strip ork was done, the ach of the the nearest of or Geological strument use thin 60 days or Land Surve | tor of drill. Dates ad Air or Other Po r equipment. Nam nt. <u>pping</u> - Type of ea . Proof of actual e above types of claim post. In the and Geophysical of recording. ey - the name and | s when drilling was do ower Driven or Mechan es and addresses of r quipment. Name and a cost must be submitte work sketches are re e case of diamond or <u>I Survey</u> - The name geophysical survey. | and angle of hole one. Signed core 1 <u>nical Equipment</u> nen engaged in op ddress of owner of ed within 30 days equired to show th other core drillin os and addresses Reports and maps and surveyor. | os and diameter of cord og and sketch in dupli perating equipment and or operator. Amount exp of recording. he location and extent g the sketch must be of men employed as y in duplicate must be | Name and address of cate. the dates and hours of bended. Dates on which of the work in relation submitted in duplicate, vell as dates. Type of filed with the Minister |
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| wher or operation or Compresse ype of drill or eir employme or Power Strij ork was done, ith each of the the nearest of or Geological strument use ithin 60 days or Land Surve he Required | tor of drill. Dates and Air or Other Po r equipment. Nam ant. <u>pping</u> - Type of eq . Proof of actual the above types of claim post. In the and Geophysical of recording. and in the case of of recording. and the name and <u>Information is as</u> ttached re <i>If ng</i> | address of Ontario L Follows: (Attac Port. | and angle of hole one. Signed core 1 <u>nical Equipment</u> men engaged in op ddress of owner co ed within 30 days equired to show th other core drillin os and addresses Reports and maps and surveyor. ch a list if this sp // cor/ // cor/ Sig | and diameter of cord og and sketch in dupli perating equipment and or operator. Amount exp of recording. The location and extent g the sketch must be of men employed as w in duplicate must be bace is insufficient) 31,1971 for 13,1971 for $13,1971$ for 13,1971 for $13,1971$ for 13,1971 for $13,1971$ for 13,1971 for $13,1971$ for $13,1971$ for $13,1971$ for 13,1971 for $13,1971$ for $13,1991$ fo | b. Name and address of cate. I the dates and hours of bended. Dates on which of the work in relation submitted in duplicate, vell as dates. Type of filed with the Minister Avail 17, 1971, Avail 22, 1971 |
| vner or operat or Compresse vpe of drill or eir employme or Power Strij ork was done, th each of th the nearest or Geological strument use thin 60 days or Land Surve ne Required | tor of drill. Dates and Air or Other Po r equipment. Nam ant. <u>pping</u> - Type of ea . Proof of actual the above types of claim post. In the and Geophysical of recording. and in the case of of recording. and in the case of of recording. and in the case of of recording. and Information is as ttached record Information is as | The Certificate Ve | and angle of hole one. Signed core 1 <u>nical Equipment</u> men engaged in op ddress of owner co ed within 30 days equired to show th other core drillin es and addresses Reports and maps and surveyor. ch a list if this sp // (2007) // (2007) // (2007) // (2007) // (2007) // (2007) | Nork | b. Name and address of cate. I the dates and hours of bended. Dates on which of the work in relation submitted in duplicate. vell as dates. Type of filed with the Minister Avail 17, 1971, Avail 22, 1971 |
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READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

See attached report.

performed Dulling

Merch 31,1971 to Augul 17, 1971 Arard 13, 1971 6 Aprol 22, 1971

7, 1971

Signature of Recorded Holder or Agent

RECORDED No

The Mining Act Certificate Verifying Report of Work

