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1960 DIAHOND DRILLING PROGRAMMS
Sudbury Property
KORDOL EXPLORATIONS LIMITED
Suite 407, 19 Helinda Street
Toronto, Ontario

by
Hichael Ogden

Toronto, Ontario, Hay 20, 1960

KORDOL EXPLORATIONS LIMITED Sudbury Property 1960 Diamond Srilling Programme by Hichael Ogden Hay 20, 1960

SUMMARY:

Following the initial drilling programme of 1959 where six holes were drilled to extend the sulphide zone to 80 feet in length and depth, an additional twelve holes totaling 3,781 feet were drilled during the period of February 20th to April 15th of this year.

These holes were designed to further extend the zone towards the north and east and down plunge in depth to the northeast. The coppernickel sulphide zone was found to maintain its dimensions of about 60 feet in vertical height by 10 feet in width, and to continue, cylinder-like, to at least 250 feet from its surface exposure at a plunge of 50° to the northeast. From thereon, the mineralization seemed to spread out and cover a wide area with little or no concentration.

REFERENCEST

- 1. Magnotometer Survey, Sudbury Area Property, Ogden December 1959 with map.
- 2. Geological Survey and Initial Diamond Drilling Programme, Ogdon January 1960 with map.
- 3. Drill Logs & Sections of first six holes.
- 4. EMG Electro-magnetic Survey by Horoau & Woodard Limited, February 1960 with map.
- 5. Map, Surface Plan, Ogden Harch 1960 revised May 1960.
- 6. Plans and Sections to accompany this report.

I ROPERTY:

The property, located in the southeast quarter of Hyman Town-ship, northern Ontario, is made up of 21 claims numbered as follows:

- 4 claims No. S-99459-62 incl.
- 3 claims No. S-100391, 100397, 100396.
- 8 claims No. 8-108459-66 incl.
- 6 claims No. S-110509-14 incl.

The 21 claim group lies along the south boundary of Hyman Town-ship and extends to the shores of Agnev Lake. It is about 35 miles west of Sudbury and some 3 miles north of No. 17 Highway which connects Sudbury to the vicinity of the property.

ACCESS:

Access is afforded by ferry and gravel road from the town of Hairn on No. 18 Highway or by aircraft from Sudbury to Agnew Lake.

INTRODUCTION:

The initial drilling programme of six holes totaling 522 feet was done during the first two weeks of December 1959. It showed that 10 to 15 foot wide massive sulphids zone trended at approximately 50° east ofgrid north and plunged at an unknown amount to the northeast. Following the diamond firilling, an electro-magnetic survey was done in four selected areas of the property beneath which copper-nickel mineralisation was suspected. Only one area, the southwest claim containing the original main showing, disclosed any suggestion of a conductor. The conductor, although weak, appeared to be precisely on line of strike of the main showing. With apparent confirmation of the line of strike, it was presumed that the electrical survey did in fact reflect the presence of conductive sulphides. Thus, the much more extensive programme of diamond drilling was launched in the middle of February in order to probe the main showing in depth to the north and east.

DIAMOND DRILL HOLE RESULTS:

A section was made across the line of strike, 250 feet to the northeast of the main showing, which probed the ground to 400 feet in depth. Six holes were completed on this section. No concentrated mineralization was found but numerous intersections of disseminated

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material were encountered. Another section was made about 125 feet mortheast of the main showing. Here four holes were drilled, probing the line of strike between 100 and 250 feet in depth. One hole, No. 14, encountered massive mineralization for 9 feet from 215 to 224 feet in the hole. The assay was approximately the same as had been encountered before in the main showing, being about 0.8% combined copper-nickel.

Between these two sections, one hole was drilled, No. 17, which again encountered disseminated mineralization and between the main showing and the section 150 feet away another hole was put down (No. 16) but failed to reach the massive mineralization. It apparently went just beneath the main some.

CONCLUSIONS:

- 1. With all the holes plotted and their mineralization, it is clear that the zone plunges to the northeast at 50°. It maintains its dimensions of 60° high and 10° in width like a flattened cylinder for at least 220 feet. Thereafter, the mineralization spreads out. At a depth of 400 feet down plunge, which is near the main section of drilling, a wide area of mineralization is encountered but little or no concentrated material is available.
- 2. The eastern six claims that were added to the property during the year, should be further explored particularily in the gabbro areas for concentrations of copper and nickel sulphides.
- 3. The area along the base line from 1600 west to 3000 west should be further explored for the possibility of copper-nickel sulphide mineralisation.

Respectfully submitted,

Michael Ogden.

PROPERTY: Kordol Explorations Ltd. - Sudbury ProperHOLE NUMBER: 7

LOCATION: Claim S-100397

DIP TESTS:

LATITUDE :

基本公司

Dip: 45°

Footage Reading

Corrected

DEPARTURE:

Depth: 155.0 ft

ELEVATION:

Commenced: Feb.21,1960

AZIMUTH : 315°

Finished: Feb.22,1960Logged by: P.C.McLean

0.0 - 44.0 Casing

44.0 -104.0 Gabbro, greenish, grey in colour. Texture variable from

medium to coarse grained, mostly medium grained with

alternating coarser grained section.

91.5 - 93.5 Coarse grained gabbroic in texture.

104.0 -155.0 Gabbro, becoming quite uniform and even grained in

texture with narrow coarser grained sections upto

l feet in width.

155.0

End of Hole.

PROPERTY: Kardol Explorations 7.1mited - Sudbury Property Hole NUMBER: 7

LOCATION: Claim 8-100597

Lotinude: Dip: 450 Footoge Reading Correcte

Departure: Depth: 155.0 feet

Elevation: Commenced: Feb. 21, 1960

Azimuth: 3150 Finished: Feb. 28, 1960 Logged by: P.C. 167.003

| SAMPLE NUMBER | : | DESCRIPTION | 1 . 4. | | |
|------------------|---------------------------|--|---------------|-----------------|----------------|
| | 0.0 =44.0 44.0-104.0 | Oseing. Gabbro, greenish gre | y in colours | rextur | |
| | | variable from medium mostly medium graine | d with altern | ainea, ating | . : |
| | "91.5-93.5 194.0-155.0 | Coarser grained sect Coarse arrived gabbr Cabbre, becoming qui even grained in text | oic in textur | | |
| 1. | 155.0 | boarser grained sect in width. | ions up to 1 | foot | 1/ 1/ 1/ |
| | | • | • | | |
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PROPERTY: Kordol Explorations Ltd. Sudbury PropertyHOLE NUMBER: 8

LOCATION: Claim S-100397 DIP TESTS:

LATITUDE: Dip: -45° Footage Reading Corrected

DEPARTURE: Depth: 223.0 ft.

ELEVATION: Commenced: Feb. 23, 1960

AZIMUTH: 315° Finished: Feb. 25,196Dogged by: P. C. Mclean

| 0.0- 49.0 | Casing |
|-------------|---|
| 49.0- 68.5 | Gabbro, greenish gray in colour, medium grained with occasional narrow coarser grained sections. |
| 50.7- 58.2 | This section is mineralized with disseminated pyrrhotite and chalcopyrite. About 3% sulphides present. Locally some silicification with the best sulphide sections. |
| 66.0- 68.5 | Coarse grained gabbro. Approximately 2% sulphides disseminated throughout. |
| 73.2 | l inch quartz stringer at 45° to the core. Chlorite slick on sides on both contacts (faulting ?) |
| 68.5-100.0 | Gabbro as before, medium grained and very uniform in appearance. |
| 100.0-120.0 | Gabbro, alternating coarse and medium grained sections. |
| 120.0-223.0 | Medium grained gabbro, fairly uniform and even textured with the odd narrow coarser grained section. |
| 170.6 | 2 inch quartz stringer at 65° to the core containing a coarse patch of pyrrhotite with some associated chalcopyrite. |
| 223.0 | END OF HOLE. |
| | |

PROPERTY: Zordol Explorations Timited - Sudbury Property Hole NUMBER:

LOCATION: Dain 8-100397

DIP TESTS

Latitude:

Dip: -450

Footage

Reading

Corrected

Departure:

Depth: 223.0 1301

Elevation:

Commenced: 746. 23, 1960

Azimuthi 59 8

Finished:

Jeb. 85, 1960

Logged by: P. C. Mat. can

| SAMPLE NUMBER | | DESCRIPTION | |
|------------------|-----------------------|--|--|
| i i | 0.0- 49.0 | Casing. | |
| : | 49.0- 60.5 | dabbro, greenish gray in colour medium grained with occasional mercow conver grained sections. | |
| | 50 .7 ~50.8 | This section is mineralized with disseminated pyrchetics and chalopyrite. About 3% kulphides present. Locally some silicitiontion with the best sulphide sections. | |
| | 66.0-68.5 | Coarse grained gabbre. Approximately Mi autphides diensminated throughous. | |
| | 73.2 | 1 inch quarte stringer at 450 to the cora. Chiaritie slickensides on both eratests. (faultings) | |
| | _66.5- <u>7</u> .00.0 | dabbro un before, medium grained and corresponding in appearance. | |
| | 700.0-780.0 | Oabbro, alternating dozzao and medium | |
| | 180.0-225.0 | Hodium grained gabbro, fairly uniform and even textured with the odd narrow | |
| | 770.0 | coarser grained section. I inch quarts stringer at 65° to the core containing a coarse patch of pyrrhotite with come associated | |
| | 223.0 | ohar our yartte. | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property HOLE NUMBER: 9

LOCATION: Claim S-100397 DIP TESTS:

LATITUDE: Dip: -45° Footage Reading Corrected

DEPARTURE: Depth: 289.3 ft...

ELEVATION: Commenced: Feb. 29, 1960

AZIMUTH: 316° Finished: Mar. 3, 1960ogged by: P. C. McLean

| 0.0- 41.0 | Casing |
|-------------|---|
| 41.0-125.0 | Gabbro, medium grained, rather uniform in appearance and even grained. Occasional coarser grained section upto several feet in width. |
| 58.5 | Mud seam 2 inches in width. |
| 125.0-165.2 | Gabbro as before, somewhat coarser grained than previous although still uniform in appearance. |
| 165.2-165.8 | Gabbro, coarse grained section, some irregular silicification with a little pyrrhotite and chalcopyrite (1%) |
| 165.8-169.7 | Gabbro, medium grained. |
| 169.7-171.2 | Some irregular silicification in this section with resulting coarse grained feldspar and hornblende. Scattered pyrrhotite and chalcopyrite. |
| 171.2-176.3 | Gabbro, medium grained. |
| 176.3-177.3 | Coarse grained, silicified portion of the gabbro. Scattered pyrrhotite and chalcopyrite. |
| 177.3-207.5 | Gabbro, medium grained. |
| 207.5-209.2 | Coarse grained silicified section with scattered sulphide. Silicification appears to be about 30° to the core. |
| 209.2-216.6 | Gabbro, medium grained. |
| 216.6-220.0 | Gabbro, coarse grained, locally silicified with scattered sulphides upto 3% over sections upto 6". |
| 220.0-225.0 | Gabbro, medium grained. |
| 225.0-289.3 | Gabbro, somewhat finer grained than previous, more like gabbro at the top of the hole. Even grained and uniform in appearance. |
| 285.0-285.7 | Coarse grained section, some silicification and scattered sulphides. |
| 289.3 | End of hole. |
| | |

PROPERTY: Zorkol Explorations Timited - Subbury Property. HOLE NUMBER: 9

LOCATION: GIRLIN 7-106887

DIP TESTS

Latitude:

Dip: -450

Footage

Reading

Corrected

Departure:

Depth: BB9.3 fect

Elevation:

Commenced: Feb, 29, 1980

Azimuth: 5360

Finished: March 5, 1960

logged by: Y.C. Mayern

| ME DER | DESCRIPTION |
|---|---|
| 0.041.0 | Casing. |
| 41.0 -125.0 | uabbro, nećiwa grained, rather uniform |
| 4100 -14000 | in appearance and even grained. |
| | Occarional coarson grained section up |
| | to revern? foot in width. |
| "68.6° " | Aud som a inches in wieth. |
| 7 20.0-7 66.8 | Cabban an polanti o meregat desacer |
| 1 400 0-1 100 4 | Gebbro as bulero, casswint occreer grained than provious although still |
| ي پ | . souther the meating |
| 785.2-765.8 | Gabbra; charse grained rection, water |
| 10014-100 | irregular villoitivation with a 11611 |
| ~ | pyrrhotite and chalcopyrite (15) |
| 7-5-8-169-7 | Gabbro, medium grained. |
| 160.7-171.8 | "one irroguler willoffloation in this |
| 10001-17700 | neoting of the second of the second second |
| | foldamer and harablends. Fostiered |
| | pyrrhotite and chalcopyrite. |
| 170.8-196.3 | Gabbre, medium graines. |
| 178.5-177.3 | Operso grained milloified section of |
| 17040~17740 | the gabbro. Jostfored pyrrhotite and |
| 14- | obal copyrita. |
| 177.3-809.5 | Cabbro, medium grained. |
| 207.5-209.B | Conrec grained silicitied section with |
| 10100001411 | souttorol sulphidos. Iliaidionties |
| ••• | appears to be about 305 to the core. |
| 209.2-276.6 | vabbro, medius grained. |
| 276.6-220.0 | dabro, coarse grained, locally |
| | milicitied with controred sulphides |
| | up to 3% over sections up to 6. |
| 280.0-225.0 | inboro, medium grained. |
| 225.0-289.3 | Gubbro, comemnat finor grained than |
| *************************************** | got est es orddeg est f eros coolverq |
| | of the hole. Even grained and uniform |
| | in appearance. |
| 265.0-285.7 | Coarse grained specion, some silicification |
| | and coattered sulphides. |
| 289.5 | and of hole. |
| | the MAYMA |
| | |
| | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property HOLE NUMBER: 10

LOCATION: Claim S-100397 DIP TESTS:

LATITUDE: Dip: -45° Footage Reading Corrected

DEPARTURE: Depth: 367.5 ft.

ELEVATION: Commenced: March 4, 1960

AZIMUTH: 313° Finished: March 8,60 Logged by:

| 0.0- 17.0 | Casing |
|-------------|--|
| 17.0- 21.2 | GABBRO, greenish gray, medium grained. |
| 21.2- 29.7 | Coarse grained section of gabbro, locally a few blebs of |
| | quartz, 3" quartz stringer at 24.6 feet. No sulphides noted. |
| 29.0-100.0 | GABBRO, rather uniform in appearance, medium grained with |
| 23.0 100.0 | the odd narrow coarser grained section. |
| 68.0 | mud seam - vuggy. |
| 100.0-204.5 | |
| 100.0-204.5 | GABBRO, very uniform in appearance, medium to fine grained |
| | in texture, resembles the section in Hole No. 3 - |
| | logged in diorite. |
| 136.6 | Serpentine slip at 30° to the core. |
| 204.5-218.5 | Gabbro, coarse grained and silicified. Only traces of |
| | sulphides upto 208.0 |
| 208.0-218.5 | Silicified zone, disseminated pyrrrhotite and some |
| | chalcopyrite. Approximately 3% sulphides in sections |
| | of upto 1 foot in width. |
| 218.5-224.0 | Gabbro, medium grained with some short silicified and |
| | coarser grained sections. Locally a few scattered |
| | sulphides, mostly in the silicified areas. |
| 224.0-244.7 | Gabbro, medium grained and rather uniform in appearance. |
| 244.7-248.0 | Silicified section, coarse grained and containing upto |
| 244.7 240.0 | 10% sulphides. Fair % brown biotite present. |
| 248.0-278.3 | Gabbro, medium grained. |
| 278.3-284.0 | Zone of irregular silicifications. Disseminated pyrrhotite |
| 270.3-204.0 | and the odd speck of chalcopyrite. |
| 284.0-305.7 | |
| | Gabbro, medium grained. |
| 305.7-315.7 | Gabbro, coarse grained phase, a little silicification present. |
| 215 7 267 5 | Approximately 3%-5% sulphides disseminated throughout. |
| 315.7-367.5 | Gabbro, medium grained as before. |
| 342.0-343.0 | Silicified zone, brown biotite common. |
| 367.6 | END OF HOLE. |

POOR QUALITY ORIGINAL TO FOLLOW

PROPERTY Kordol Suplerations Timited - sudbury Property

HOLE NUMBER: 30

LOCATION: Claim S-100397

DIP TESTS

Latitudes

Dip: -450

Footage

Reading

Corrected

Departure:

Depth: 367.5 feet

Elevation:

Commenced: March 4, 3960

Azimuth: 3150

Finished:

March 8, 1960

Logged by: P.C. Molecus

| SAMPLE : NUMBER : | | DESCRIPTION |
|----------------------|-----------------|--|
| | -0.0 - 37.0 | Casing. |
| : | 17.0 - 21.2 | Cabbro, greenish gray, modies grained. |
| : | 21.2 - 29.7 | Coarss grained vection of gabbro. |
| | | locally a few blobs of quarts. 3" |
| | | quarts stringer at 34.8 feet. No |
| | - | sulphides noted. |
| | 29.7 -100.0 | Cabbro, rather uniform in appearance |
| | 250, 2000 | medium grained with the odd nerrow |
| | | courser grained agotion. |
| | 0.30 | nud room - vuggy. |
| 1 | 100.0-204.5 | Gabbro, very uniform in appearance. |
| | 10080-2000 | medium to fine grained in texture, |
| | | resembles the section in hole No.5 |
| | - | logged as divrite. |
| | 738.C ~ | Serpantine allp at 30° to the core |
| | 204.5-218.5 | Gabbro, coarse grained and silicitiod. |
| | 2050-21060 | Only traces of sulphides up to 208.0 |
| | 208.0-218.5 | "iligified zone, disseminated |
| | 200 - C-210 - D | pyrhotite and some chalcopyrite. |
| | | Approximately 3% sulphides in sections |
| | ~ | of up to I foot in width. |
| | £16.5-284.0 | |
| | \$10.00-264.0V | Cobbro, Medium grained with some horizon toilioific trans |
| | | |
| | | mentions. Todally a few scrittered surphides, mostly in the milliplication |
| | | |
| | 224.0-244.7 | Orban medium and and mathem |
| | ADEQUEDRE O | Cabbro, medium grained and rather |
| | D44 W 040 O | uniform in appearance. |
| | e44.7-e48.0 | Silicified section, coarse grained |
| | | and containing up to 10% sulphides. |
| | 040 A | rair & brown biotite present. |
| | 248.0-278.3 | Oabbro, medium grained. |
| | 278.3-284.0 | Zone of irregular silicification. |
| | | Discominated pyrrhotite and the odd |
| | 004 A BAS # | speck of chalcopyrite. |
| | 284.0-305.7 | Gabbro, medium grained. |
| | 303.7-375.7 | Cabbro, conres grained phase, a |
| | | little silibilication present. |
| 1 | - | Approximately 3%-5% sulphides |
| 1 | ** | disceminated throughout. |
| ! | 315.7-567.5 | Gabbro, medium grained as before. |
| | 342,0-345.0 | Silicified some, brown biotite comon. |
| | 567.5 | and of hole. |

HALET, BROADHURST & OGDEN

PROPERTY: Kordol Explorations Ltd. Sudbury PropertyHOLE NUMBER: 11

| LOCATION : Cla | im S-100397 DIP TESTS: |
|----------------|--|
| LATITUDE : | Dip: -52° Footage Reading Corrected |
| DEPARTURE: | Depth: 450.0 ft. |
| ELEVATION: | Commenced: March 9, 1960 |
| | • |
| AZIMUTH : 315 | ° Finished: Mar.12,1960Logged by: P. C. McLean |
| 0.0- 15.0 | Casing |
| 15.0-354.7 | Gabbro, dark greenish gray in colour, mostly uniform in |
| | appearance, medium to fine grained with occasional |
| 18.4- 26.8 | coarser grained sections. |
| 10.4- 20.0 | Gabbro, coarse grained, locally a little silicification, not mineralized. |
| 73.3- 84.3 | Gabbro, coarse grained, considerable silicification; traces |
| | of pyrrhotite and chalcopyrite. |
| 89.5- 91.1 | Gabbro, coarse grained and silicified, as sulphides. |
| 91.1-249.5 | Gabbro, quite uniform in appearance due to even grain size. |
| 249.5-250.5 | Coarse grained gabbro, scattered pyrrhotite. |
| 277.1-278.5 | Coarse grained gabbro, some silicification and scattered sulphides. |
| 277.5-278.3 | Coarse grained gabbro contains 5% sulphides, mostly pyrrhotite with some chalcopyrite. |
| 298.0-309.5 | Coarse grained gabbro with some silicification, |
| 230.0 303.3 | mineralized as follows: |
| 298.0-300.3 | Approximately 10% sulphides, mostly pyrrhotite with a |
| | little chalcopyrite. |
| 300.3-308.5 | Approximately 3% sulphides as above. |
| 308.5-309.5 | Approximately 10% sulphides as above. |
| 337.0-340.6 | silicified section of gabbro, scattered sulphides. |
| 344.5-380.5 | Mineralized gabbro, coarse grained and silicified to |
| | 348.4 feet then fine grained but with disseminated |
| | pyrrhotite throughout. 3% sulphides. Some bronze |
| 252 2 254 7 | coloured biotite also present. |
| 352.3-354.7 | Silicified section of gabbro, coarse biotite common. |
| | Contains about 5% sulphides. Mostly fine and |
| 354.7-450.0 | disseminated with the odd coarser patch of pyrrhotite. Gabbro, medium grained, even textured and uniform |
| 334.7-430.0 | looking. |
| 450.0 | End of hole. |
| | with the tiver! |

POOR QUALITY ORIGINAL TO FOLLOW

Kordol Explorations Timited - Sudbury Property HOLE NUMBER: 11 PROPERTY:

LOCATION:

ofain 9-100397

DIP TESTS

Latitude:

-520 Dip:

Footage

And the state of t

Reading

Corrected

Departure:

450.0 fast Depth:

Elevation:

Commenced: March 9, 1960

3150 Azimuth

Finished:

Herch 18, 1980 Logged by:

1.0. Monean

| APLE ABER | *** - *** - | DESCRIPTION |
|--------------|---------------------|---|
| | -0.0 - 15.0 | Casing |
| ļ | 75.0 - 354.7 | Gabbro, dark Greenish grey in colour. |
| | | monthy uniform in appearance, medica |
| | | to fine grained with occasional |
| | *** | coargor grained agotions. |
| | 18.4 - 25.8 | Gebbro, obarse grained, looming or |
| İ | 7, 700 | Tittin piliatting lane met minerales is |
| : | 73.5 - 84.8 | little villoification; not mineralized, |
| | 1040 - C-250 | Gabbro, coarso crained, considerable |
| : | ind to appear | Bilicification, traces of pyrrhotite |
| | 00 * 09 * | and chalcopyrise. |
| | 89.5 - 57.7 | Cabbry, coares trained and silicified. |
| | | no sulphidue. |
| | 91.1 - 849.5 | Gabbro, quite uniform in appearance |
| | | due to smon grain aire. |
| | 249.5- 200.5 | Course grained gabbro, adaptered |
| | •• | pyrrhotita. |
| | 277.3- 278.5 | Coarce grained gabbro, some silicification |
| | | and souttered autphiles. |
| | 277.5- 275.5 | Course grained gabbro consains 5% |
| | 21361 | Buildian marth manuschile wath sand |
| | | sulphides, mostly pyrrhotive with some |
| | 296.0- 309.5 | ohalanpyrito. |
| | 75010- 108-2 | Course grained cabbre with some |
| | 000 0 300 1 | uiticification, mineralized as fortows: Approximatory 10% sulphides, result |
| | 298.0 -300.3 | Approximatory 10% and introcents |
| | MAA M MAA M | DIFFAQUIGG WILM & TITGIS SUNTANAVALA. |
| | 300.3 -308.5 | Approximately 3% sulphides as above. |
| | 308.5 -309.5 | Approclimatoly 10% sulphidos as above. |
| | 357.0-340.6 | "Mioified section of gabbra, coattered |
| | | sulphides. |
| | 344.5-350.5 | Minoralized gabbro, coarse grained and |
| | | silicified to 343.4 fust than fine |
| | | grained but with disseminated pyrahotite |
| | | throughout. 3% sulphides. one bronze |
| | | coloured biotite also present. |
| | 352.8-354.7 | 414 mitted nout for at nations |
| | | ilicitied soution of sabbro, course |
| | 1 | Divile common.—Contains about 5% |
| | , | sulphides, mostly fine and disseminated |
| | REA M AMA A | with the odd courses patch of pyrrhotite. |
| | 354.7-450.0 | Gabbro, modium grained, even textured |
| | | and uniform looking. |
| | 450.0 | and of hole. |
| | | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property HOLE NUMBER: 12

LOCATION: Claim S-100397

Dip: -45° Footage Reading Corrected

DEPARTURE: Depth: 206.0 ft.

ELEVATION: Commenced: Mar. 13/60

AZIMUTH: 315° Finished: Mar.14/60 Logged by: P.C.McLean

| 0 0 05 0 | |
|-------------|--|
| 0.0- 25.0 | Casing |
| 25.0-192.0 | Gabbro, dark greenish gray in colour, medium grained and even textured, except for the old narrow coarse grained section as noted. |
| 35.2 | 1" quartz stringer at 43° to the core |
| 84.0- 87.2 | Gabbro, coarser grained section with pink feldspar, not mineralized. |
| 99.4-101.2 | Coarse grained silicified section. Approximately 3% sulphides, mostly |
| 103.5-104.0 | pyrrhotite with some chalcopyrite. Similar narrow section 3% sulphides. |
| 192.0-206.0 | Gabbro, somewhat coarser grained than previous. Not mineralized, locally slightly silicified over narrow sections. |
| 206.0 | END OF HOLE. |

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

PROPERTY: Kordol Emilorations limited - cuabury importy Hole Number: 12

LOCATION: CIDIN 5-100397

DIP TESTS

Latitude:

Dip: -AFD

Footage

Reading

Corrected

Departure:

Depth: 208.0 fact

Elevations

Commenced: March 18, 7960.

Azimuth:

3350

Finished:

Barth 14, 1980 logged by: F.O. Haften

SAMPLE DESCRIPTION NUMBER 0.0-25.0 Caring. Cabbro, fark greenish grey in colour 25. (~192.0 medium grained and even textured, except for the odd marrow coarse grained scotion Es noted. quarte stringer at 450 to the perc. 38.P Cabbro, Coorser grained section with pink felloper, not mineralized. Coarse grained cilinified section. 04-0-07-2 99.4-701.2 Approximately 5% sulphines, mostly pyrchotite with some chalcopyrite. 103.5-104.0 imilar narrow section 3% sulphisos. Gabbro, accepted courser extined than provious, and mineralised, locally which is reliabled over marrow rections. End of hole. 192.0-206.0 206.0

| LATITUDE : DEPARTURE: ELEVATION: AZIMUTH : 315 0.0-28.0 28.0-39.7 39.7-53.0 | Casing Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
|--|--|
| ELEVATION: AZIMUTH: 315 0.0-28.0 28.0-39.7 | Depth: 264.6 ft. Commenced: March 16, 1960 Finished: Mar.18/60 Logged by: P. C. McLean Casing Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| 0.0- 28.0 28.0- 39.7 | Commenced: March 16, 1960 Finished: Mar.18/60 Logged by: P. C. McLean Casing Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| 0.0- 28.0 28.0- 39.7 | Casing Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| 0.0- 28.0 28.0- 39.7 | Casing Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| 28.0- 39.7 | Gabbro, dark gray in colour, medium grained and even textur Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| | Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| 39.7- 53.0 | Silicified zone, containing from 30% to 70% quartz, grey to white in colour. Heavy brown to bronze coloured biotite |
| | to white in colour. Heavy brown to bronze coloured biotite |
| | |
| 46 2 50 0 | common throughout. Possibly 20% biotite sulphides are rare |
| 46.3- 50.9 55.0- 59.6 | 70% greyish white quartz, some biotite, trace. |
| 59.5- 73.0 | Gabbro, medium grained, similar to start of hole. |
| 33.3- 73.0 | Diorite? No contacts, very uniform looking and fine grained, looks like diorite in hole No. 3 but could be |
| | a fine grained phase of the gabbro. |
| 73.0- 75.7 | Silicified zone. Approximately 30% quartz with heavy |
| , | brown to bronze biotite. No sulphides noted. |
| 75.7-122.7 | Gabbro, medium grained and containing short sections |
| | upoto 2 feet of coarser grained phases. The coarse |
| | grained material contains pink feldspar. |
| 118.0-119.0 | Greenish coloured talcose section. |
| 122.7-159.6 | Gabbro, medium grained and uniform in appearance. |
| | |
| 159.6-200.2 | Gabbro, mostly medium grained with the odd narrow |
| | coarser grained sections which are slightly silicified |
| | and which contain disaeminated sulphides. |
| 200.2-206.2 | Gabbro, somewhat coaraer grained with some silicification. |
| | Contains 5% sulphides, mostly pyrrhotite with some |
| 206 2-220 4 | chalcopyrite. |
| 206.2 - 229.4 229.4 - 233.6 | Gabbro, medium grained, uniform in appearance. Silicified section of gabbro, not mineralized to |
| ££7.4-£33.0 | 230.7 then contains about 3% sulphides. |
| 233.6-264.6 | Gabbro, slightly coarser grained than medium grained, |
| | uniform in texture. |

END OF HOLE.

264.6

DUPLICATE COPY POOR QUALITY ORIGINAL TO FOLLOW

Kordel explorations Timited - Sudbury Property HOLE NUMBER:

Claim 100307 LOCATION:

DIP TESTS

Latitude:

Dip: -520

Footage

Reading

Corrected

Departure:

Depth: 864.6 foot

Elevation:

Commenced: March 16, 1960.

Azimuth

Finished:

Barch 18, 1960 togged by: F.C. McTean

| SAMPLE NUMBER | | DESCRIPTION | u. |
|------------------|----------------------------------|---|------|
| } | 0.0-28.0 | Caring. | |
| | 28.0-39.7 | Gabbro, tark grey in colour, medium grained and even textured. | |
| ! | 39.7-55.0 | Tilicitied zone, contains from 30% to 70% quarts, erey to white in colour. Heavy brown to broase coloured biotite common throughout. Tossibly 20% biotite sulphides are rare. | |
| 830 | 46.8-60.8 85.0-59.6 | 70% Greyish white quarts, some biotite, to Gabbro, modium grained, similar to start of hole. | ra00 |
| | 59 .%-73.0 | Diorito? No contacts, very uniform looking and fine grained. Tooks like diorite in hole Wo.3 but could be a fine grained phase of the gabbre. | |
| | 73 . 0-76 . 7 - | cilicitied some. Approximately 305 quarts with heavy brown to bronse biotite. No sulphides noted. | |
| | 75.7-1 22.7 | Sabbro, medium grained and containing short soctions up to 2 feet of coerser grained phases. The coarse grained | |
| | 116.0-119.0 | material contain: plik feldspar. Greenish coloured taleps ecotion. | |
| | 128.9-159.6 | cabbro, medica grained and uniform in appoarance. | |
| : | 2000-5-000.8 | Onburo, mostly median grained with the odd narrow boarebr spained sections which are plightly williad and which contain disseminated sulphides. | |
| : | 200.2-206.2 | Cabbro, schowlat occuser Erained with some silicitioation. Contains Si sulphides, mostly pyrrhotito with some chalopyrite. | |
| : | 206.2-229.4 | Gabbro, medium grained, uniform in appearance. | • |
| gype gy | 129.4-235.6 | cilicitical section of gabbro, not minorplised to 230.7, then contains about 5% rulphides. | |
| | 233.6-264.6 | Gaboro, slightly coarser grained than medium grained, uniform in texture. | |
| | 264.6 | and of hole. | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property

HOLE NUMBER: 14

IOCATION: Claim S-100397

969

970

224.1-232.6

232.6-242.4

242.4-339.2

339.2

DIP TESTS

Dip: -32° Latitude: Footoge Reading Corrected 339.2 feet Depth: Departure: Commenced: March 19,1960 Elevation: 12 feet above 13 Finished: March 21, 1960 315° Azimuth: logged by: P. C. McLean SAMPLE DESCRIPTION NUMBER 0.0 - 10.0Casing Gabbro, dark greyish green in colour, medium grained. 10.0- 47.9 Rusty seam 38.0 Coarse grained section, contains plentiful coarse brown biotite. 47.9- 57.9 Only slightly silicified, not mineralized. Silicified zone, 20% to 30% quartz with plentiful brown to 57.9- 65.2 bronze biotite. Similar to the silicified zone in hole No. 13. No sulphides noted except in first 1.6 feet. Silicified zone with 20% sulphides, mostly pyrrhotite, 57.9- 59.5 locally coarse. Gabbro, medium to coarse grained, no silicification noted. 65.2- 71.1 Silicified zone as before, 30% to 90% gray to white quartz, 71.1-144.0 plentiful brown to bronze coloured biotite. No sulphides to 76.0 feet. Approximately 10% sulphides from 81.0 to 92.5 feet. From 92.5 to 144.0 feet sulphides are rare. From 96.5 109.0 feet quartz increased to 70% and from 109.0 to 144.0 feet quartz has increased to 90% with some green chloritic patches included. Gabbro, medium grained, greenish in colour, uniform in appearance 144.0-179.6 Coarse grained, altered and silicified section. Coarse biotite 179.6-183.0 not mineralized. Gabbro, medium grained with some narrow coarser grained 183.0-206.7 sections containing pink feldspar. Gabbro, altered and coarse grained with coarse brown biotite 206.7-209.6 present. l" seam of chalcopyrite. 207.4 Silicified zone, 20% quartz with approximately 5% sulphides 209.6-215.0 Silicified zone as before but contains heavy pyrrhotite and 215.0-224.1 a fair % of chalcopyrite. Silicified zone, heavy pyrrhotite with good looking chalcopyrite 215.0-219.0 in sections, particularly over first 2.5 feet, apprxoimately 60% sulphides. Silicified zone with somewhat less chalcopyrite than above 219.0-224.1 971 sample. Heavy pyrrhotite as before with some chalcopyrite throughout. Approximately 60% sulphides. Gabbro, altered, micaceous, and somewhat talcose.

Silicified zone, from 20% to 70% quartz, Locally brown biotite

and chlorite. Not mineralized except for the odd speck of

Gabbro, fine grained and diorite looking to 250.0 feet, then

medium grained and gabbroic in texture. Uniform in appearance.

sulphide. Some epidote noted.

END OF HOLE.

PROPERTY:

Kordol Explorations limited - Sudburg Proporty Hole NUMBER: 14

LOCATION

Olaim 5-100397

DIP TESTS

Latitude:

Dip:

Footage

Reading

Corrected

Departure:

Depth: 331.2 feet

-450

Elevation: 12 feet above 13

Commenced: Haroh 19, 1960.

Azimuth:

3150

Finished:

Barch 27, 1950, Logged by: P. C. Hoff San

| AMPLE IUMBER | | . DESCRIPTION Cu. | H1. |
|-----------------|--------------|--|------|
| | 449. | | |
| † | ~0.0 - 70.0 | easing. | |
| } | 10.0 - 47.9 | Jabbro, dark greyish grown in colour | |
| ļ | F. | modium grained. | |
| į | 38.0 | Austy seam. | 1 |
| į | 47.9 - 57.9 | Coarso grained section, contains | , |
| : | 2,40 | plantiful opares brown biobits. Only | |
| | | airghtly milioitied, not mineralized. | |
| : | 57.4 - 65.8 | illiostica sono, 80% to 50% quarts | |
| | | with plentiful erown to brunse bintite. | |
| : | | inifur to the silicified some in hole | |
| | | So. 13. Ho sulphides noted except | i |
| | | in first 1.6 feet. | |
| 989 | 57.5 - 59.5 | abidatus 400 little enon beilicific | |
| | ** | mostly pyrrhotita. loomly sourse. | |
| | 66.2 - 71.7 | dabbro, medium to coarse grained, no | |
| | *** | sirioidiostion noted. | |
| | 71.1 -144.0 | ilicilied some as before. 30% to | 1 |
| | | 90% gray to white quarts, pleatiful | |
| | | brown to bronze coloured plotite. No | ļ |
| | | Bulphiton to 76.0 feet. Approximately | |
| | | 70% sulphians from 76.0 to 51.6 feet. | |
| | | \$3 surphides from 81.0 to 92.8 feet. | ļ |
| | | group 9 to 144.0 root supphides are | |
| | | more. From 96.5 to 709.0 feet cuarts | |
| | | inargased to 70% and from 109.0 to | |
| | | 744.0 foot quarts has increased to 90% | |
| | | with some grown objectio patches | |
| | | included. | |
| | 144.0 -170.8 | Gabbro, modium senined, groenish in | |
| | | colour, uniform in appearance. | |
| | 779.6 -183.0 | Coarse grained, altered and milioified | |
| | | soction. Coarse bistite, not mineralised | |
| | 183.0 -306.7 | Gabbro, medium grained with some narrow | |
| | 1 | sogreer grained scotions containing | |
| | : 1 | pink foldspar. | ! |
| | 200.7 -209.6 | Gabbro, oftered and coarse grained | |
| | | with coarse brown biotite present. | |
| | 207.4 | g' seam of chologyprice. | |
| | 209.6 -318.0 | Milioified sone, 20% quarts with | |
| | | approximately his sulphides present. | |
| | | | j |

| 215.0-224.1 Silicitied some as before but Contains heavy Dyrrhotite and a talr % of chalcopyrite. 970 815.0-819.0 Silicitied some, heavy pyrrhotite with good locking chalcopyrite in sections, particularly over first 2,5 feet. Approximately 60% sulphides. 971 819.0-224.1 Silicitied some with somewhat less chalcopyrite than above sample. Heavy pyrrhotite as | | | |
|--|----------|-----|---------------|
| 970 815.0-819.0 Silisified sone, heavy pyrhotite with good looking chalcopyrite in sections, particularly over first 2.5 feet. Approximately 60% sulphides. 971 819.0-824.1 Silioified sone with somewhat less chalcopyrite than above | | | |
| 970 815.0-819.0 Silisified sone, heavy pyrrhotite, with good looking chalcopyrite in sections, particularly over first 2,5 feet. Approximately 60% sulphides. 971 819.0-824.1 Silicified sone with somewhat less chalcopyrite than above | | | |
| sections, partiquiarly over first 2,5 feet. Approximately 60% sulphides. 971 819.0-824.1 Silioified some with somewhat less chaloopyrite than above | | | |
| 971 219.0-224.1 Silioified some with somewhat | . | l · | |
| igas chalcopyrite than above | | | |
| hample. Heavy pyrrhotite as | · . 1 | | |
| before with some chalcopyrite | | | |
| throughout. Approximately 60% | - | | |
| 284.1-832.6 Cabbro, altered, micaceous, and | | | |
| 232.6-242,4 sillelfied rone, from 20% to 70% | | . |] * # \ \ |
| quarter Totally brown biotite and chlorite. For mineralised | ٠. ً | | |
| oxpept for the odd speak of sulphide, some epidete noted. | | | |
| 244.4-336.2 Uabbro. Tine grained and dioritio | | | |
| looking to 200.0 feet, then medium grained and gabbreis in | , | | |
| texture. Uniform in appearance. | | | |
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PROPERTY: Kordol Explorations Ltd. Sudbury Property

HOLE NUMBER: 15

LOCATION: Claim S-100397

DIP TESTS

Latitude:

Dip: - 70°

Footage

Reading

Corrected

Departure:

Depth: 349.0 ft.

Elevation:

Commenced: March 23, 1960

Azimuth: 135°

Finished: March 26, 1960

logged by: P.C. McLean

| SAMPLE HUMBER | DESCRIPTION |
|------------------|---|
| 0.0- 9.0 | Casing |
| 9.0-349.0 | Gabbro, greyish green in colour, medium grained and mostly uniform in texture and appearance. |
| 36.6- 38.4 | sulphides. Pyrrhotite and chalcopyrite and equal amounts. |
| | Gabbro, coarse grained and silicified contains approximately 3% sulphides and some coarse brown biotite. |
| | Gabbro, coarse grained, some silicification. Scattered sulphides; some magnetitite also present. |
| 113.4-117.6 | Gabbro, coarse grained and silicified. Contains approximately 3% sulphides. Last 4" is 50% quartz and is well mineralized with pyrrhotite and chalcopyrite. |
| 247.8-250.3 | Gabbro, silicified and coarse grained, coarse brown biotite common. A few scattered sulphides. |
| 272.3 | 1" quartz stringer at 75° to the core. |
| 277.2 | Some silicification over 4" with coarse bitotite. |
| 349.0 | END OF HOLE. |
| 343.0 | Pub or nonn. |

DUPLICATE COPY
POOR QUALITY ORIGINAL
TO FOLLOW

Kordol Ampiorations Limited - Sudbury Property

HOLE NUMBER

LOCATION: Oloim 7-100397

DIP TESTS

Latitude:

Dip: -700 Footage

Reading

Corrected

Departure:

Depth: 349.0 foat

Elevation:

Commenced: karah 22, 1960

| Azimuth: | 7360 | Finished: Worth 26, 1960 Logged by: F.C. MOTONIA | | | | | | | | | | | |
|------------------|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Sample Number | DESCRIPTION | | | | | | | | | | | | |
| | 0.0 - 0.0 9.0 -369.0 | Gabbro, greyich grown in colour, medium grained and mostly uniform in texture | | | | | | | | | | | |
| | 36.6-38.4 | ond appearance. Onbbro, Clipbly cilioffich, contains approximately 5% sulphides. Lyrrhotite | | | | | | | | | | | |
| | 54.0-85.7 | end chalcopyrite in equal excents. deboro, course grained and silicitied contains approximately 3% sulphices and | | | | | | | | | | | |
| | 65.5-65.5 | Gebbro, occase gratuod, sono vilicification. Cottoroi sulphibus; tomo magnetito also | | | | | | | | | | | |
| | 113.4-117.6 | procent. Cabbro, course grained and silicitied. Contains approximately 3% sulphides test 4" is 80% corbs and is well mineralized | | | | | | | | | | | |
| | 247.8-250.3 | with pyrrhotite and chalcopyrite. Gabbro, silicified and coarse grained. Coarse brown bistite occason. A few Mostored sulphides. | | | | | | | | | | | |
| | 278.3 277.2 | 1" quarts wringer at 75° to the core. Come silicification over 4" with coarse biotite. | | | | | | | | | | | |
| | 349.0 | and of hole. | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | • | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property 16 HOLE NUMBER: Claim S-100397 LOCATION: DIP TESTS Dip: -53° Lotitudes Footoge Reading Corrected Depth: 303.5 ft. Departure: Commenced: April 1, 1960 Elevation: Plus 25 feet Hole 14 logged by: P. C. McLean April 4, 1960 315° Finished: Azimuth LAMPLE DESCRIPTION HUMBER 6.0 Casing 0.0-Gabbro, medium grained, green in colour. 6.0 - 11.7Silicified zone, 30% quartz and feldspar to 23.5 feet with 11.7- 50.8 coarse biotite and some chlorite, then 50% quartz and white feldspar. From 43.0 feet patches of light green epidote The odd speck of pyrrhotite. Gabbro, medium grained and uniform in texture. 50.8-112.0 55.9-57.2 Rusty hematites and brock core inthis section. 100.4-106.2 Coarse grained section of the gabbro with locally pink feldspar present. Top contact at 20° to the core. 101.8 Fault zone at 20° to the core. Slickensides 1" carbonate filling. Diorite or fine grained phase of gabbro Uniform in texture 112.0-123.5 similar to the section in hole No. 14. Contacts are gradational Silicified zone as above, coarse grained. 123.5-125.1 Gabbro, medium grained. 125.1-131.5 Gabbro, altered and silicified, coarse bronze coloured 131.5-140.2 biotite common. Gabbro, medium grained, massive looking. 140.2-167.3 Gabbro, coarse grained, siliceous bronze biotite common. 167.3-174.0 Scattered pyrrhotite and some chalcopyrite (rare). Silicified zone. 60%-75% white quartz and feldspar. Some 174.0-193.0 bronze biotite and chlorite. Gabbro, medium grained. Chlorite near the contact. 193.0-244.0 213.4-215.2 silicified gabbro, scattered pyrrhotite and chalcopyrite, about 3% 221.7-223.8 Similar to above with 3% sulphides. 231.1-232.1 Similar with 25% quartz and patches of scattered sulphides. Altered gabbro. slightly silicified. Patches of brown biotite. 244.0-266.0 Looks somewhat like the ore zone. 248.0-250.0 Scattered pyrrhotite, trace of chalcopyrite. 253.8=255.2 10% pyrrhotite with some chalcopyrite also present. 257.4-263.0 7% sulphides, mostly pyrrhotite. Occasional coarse chalcopyrite e.g. 262.3 feet. Gabbro, medium grained with occasional coarse grained phases. 266.0-303.5 289.2-291.2 silicified section, 50% quartz and feldspar, not mineralized. 296.0-297.0 silicified section. 50%

303.5

END OF HOLE.

quartz and feldspar, not mineralized. DUPLICATE COPY POOR QUALITY ORIGINAL TO FOLLOW

PROPERTY: Kardol Explorations Limited - Sudbury Property

HOLE NUMBER: 16

LOCATION:

01aim 8-100397

DIP TESTS

Latitude:

Dip: _5%0

Footage

Reading

Corrected

Deporture:

Depth: 503.0 Text

Elevation:

Plus 25 feet

Commenced:

April 1, 1960.

Azimuth:

Finished:

40211 4. 1960. Logged by: 1.0. McTean

| AMPLE NUMBER | | DESCRIPTION |
|-----------------|---------------------------------------|--|
| | 0.0-8.0 | Casing. |
| | -g.0-11.7 | Gabbro, medium grained, green in oblour. |
| | 17.7-50.8 | fill toitied some, com quartz and feldaper |
| | | to 85.8 Thet with coarse biotite and |
| |) | ance offer then 505 quarts and white |
| | | foldegar. From 43.0 feet patches of |
| | | Mahr green epiapes alteration. The ned |
| | | speck of pyrahovies. |
| | 50.8-118.0 | |
| | 00 • 0 • 1 · 14 • 0 | |
| | F. | text me. |
| | | 80.9-09.2 ganty hometitis and troken |
| | | tore in this section. |
| | | 100.4-106. Convey wained nection of the |
| | | gabbro with loomly plud feldspur procent. |
| | | Top contact at 100 to the core. |
| | • • • • • • • • • • • • • • • • • • • | 101.6 Pault come at 20° to the core. |
| | Proprie 1944 | liokensides, l'oarbonnis filling. |
| | 130.0-123.5 | Morito, or tine grained phone of gabbro |
| | | Uniform in texture imitar to the section |
| | gang ga . w | in hole Ho.14. Contratts are gradational. |
| | 725.8-725.1 | all toithed some as above, occurs grained. |
| | 725.1-731.5 | Ondhro, madium erained. |
| | 132.6-140.2 | Gobbro, effered and sitiolist, coarse |
| | | bronen ool aured blotite compon. |
| | 740.2-767.8 | Caboro, medium grainon, materivo tooking. |
| | 137.5-174.0 | Gabbro, coerse grained, sil locous, bronze |
| | 10,00 | biotite common. 'cattered pyrerhotite and |
| | · Ma | some chalcopyrite (rare). |
| | 774.0-183.0 | 317 initied some. 60%-75% white quarts |
| | 1 /280-11080 | and foldeper. Some prouse bisvite and |
| | *** | chiorite. |
| | 193.0-244.0 | Gabbro, medium grained. Chloritic near |
| | 1 20 00 1223 00 | the contact. |
| | } | |
| | ÷ | 213.4-213.2 itioified gaboro, scattered |
| | • | pyrrhetite and chalcopyrite; about 3%. |
| | | 227.7-228.6 imitar to above with 3% sulphides. |
| | | 237.1-232.1 Similar with 25% quarts and |
| | | patones of souttered sulphides. |
| | 244.0-288.0 | Altered gabbre, slightly silicified. |
| | | Fatches of brown biotits. Tooks somewhat |
| | | like the ore some. |
| | | 248.0-250.0 Coattered pyrrhotite, trace |
| | } | of chalcopyrite. |

| SAMPLE | ., , | ER. | | | | | | | | D | 2 2 | , , , C } | 1 > | 114 |) N | | | ر مرد 1,3 دور | • • | | | | | <u>;</u> | ं, T | Họi | | T | J. (8-4) | 1 () | | <u> </u> | |
|---|------------|---|-----------------|--------------|--------|------|------|----------|------------|------------|-------------------------|--------------|------------|------------|--------------------|-----------|--------------|---------------------|------------|------------|---------|--------------|-------------|--------------|---------|-----|-------|---|----------|--------------|---|----------|-------------------------------|
| NUMBER | | - 19 10 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - | in go Karija | | | | | 8 W | ¥6°. | i y | 13.8° 12.6° 13.6° | | | * | - | <u> </u> | | *** | .), 4 ` | | | | ** | | - | | | | <u> </u> | 3.3 | 13 x | · / · | _ |
| | | • • • • • | | W y | | | • | 2 | 53 | .0 | 48 | DE | 3 | 3 | 10 | 5 | À | rl | ot | tt; riv | Ò | W. | iti nt: | b | . \ | | | | | | | | |
| | ξ., 40% | 4 | | | | | *** | Σ | 57 | Ų | | 62 | | Q I | 75 | 3 | U) | b | Į, | i, | , | 40 | st. | y | | | 1 1 2 | | | . • 21 | | | s j |
| | 7. | er Par | 8.4 | . ,1 | | | | P | Y1 | 11 | iót | 11 | 0 | | 00 | BC Let | 8 1 (| ene Bl | 17. 52. | 3 | ai L | 9 6 , | t. | | | | | | • | | | ζ, |) 1 |
| | | 86 | B. (|) - 3 | SOS | | \$ 4 | V | n | þ | 0 | 1 | Į. | 11 | un | 8 | m | l'n | be | W. | t | h | | | | | • | | | e di e di | | | S. 3. |
| | | | 4. | | | | | Č | 100 181 | IR. |)] (- | en Por | | 20 | 200 1 10 | re li | oi Oi | zri Li | ii. De | 10K 86 |) (0 | t 1 | OCT II w | ~ | βQ | 4 | | | | .8. | | | |
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PROPERTY: Kordol Explorations Ltd. Sudbury Property

17 HOLE NUMBER:

LOCATION: S-100397

DIP TESTS

Latitude:

Dip: -55°

Footoge

Reading

Corrected

Departure:

393.2

Depth: 393.2 feet

Elevation: 10 feet above valley floor

END OF HOLE.

Commenced: April 6, 1960

| , Azimuth: 313° | Finished: April 9, 1960 togged by: P.C.McLean |
|------------------|---|
| SAMPLE NUMBER | DESCRIPTION |
| 0.0- 4.0 | Casing |
| 4.0- 17.0 | Gabbro, coarse grained and silicified with patches and stringers of white quartz. Not mineralized. 14.8 vuggy section. |
| 17.0-232.0 | Gabbro, medium grained, dark greyish green in colour, mostly uniform in texture and appearance. 56.5-59.5 Broken core, vuggy, caving. 183.7 2" silicified section with a few specks of pyrrhotite. |
| 232.0-249.0 | Silicified zone, amount of quartz varies from 20% to 80%. Coarse biotite common throughout. 239.2-242.5 scattered sulphides, pyrrhotite with traces of chalcopyrite. 245.9-248.4 scattered sulphides as above. |
| 249.0-303.2 | Gabbro, medium grained, greyish green. Mostly uniform in appearance. 348.0-355.8 Gabbro, coarse grained and somewhat silicified. 348.0-352.5 3% sulphides, mostly pyrrhotite with some associated chalcopyrite. |

POOR QUALITY ORIGINAL TO FOLLOW

Kordol Explorations limited - Justium Property HOLE NUMBER: 37

8-100397 LOCATION:

DIP TESTS

Latitude:

Dip: -550

Footage

Reading

Corrected

Departure:

Depth: 393.2 Past

Elevation:

10 Toot above verter floor

Commenced:

wrst 6, 1900

Finished.

1981 9, 1980 togged by 1.3. Retigen

| SAMPLE NUMBER | | DESCRIPTION | |
|------------------|---------------------------|---|--|
| | 0 -04.6 4.0-37.0 | Garing. Mburn, nourse grained and struits of with patcher and springers or write quarts. Set allowallases. | |
| | * 7. 6-332.6 | The B d vary postion. Jabbro, modium andred, dans progist Arsen in outsur, anesty orliner in Dealers and appearance. UC. 5-10. I order and vary, anding. The P of all held of oresion vist a conservation. System of pyrahesite. | |
| | 131.0-241.0 | Cilication name, and of carry name of carry name from all to oble donne biobies occasion throngrous. 239.4-240.5 cathores subplication, pyrhotica alth trices of chilospyrica. | |
| | ં49.0~3.જ _• .ટ | subtro, medium crainud grayish green. Lostly miteta in appearance. 340.0-300.0 sabtro, coarse grained and somethic situation. SAS.0-300.0 sabtro, coarse grained and somethic situation. With some asposinted chalconymide. 303.5-330.0 7. sal hides, position with come asposition of particular. | |
| | 393.4 | തിൽ വിവ്യായം | |
| | | | |
| | | | |

PROPERTY: Kordol Explorations Ltd. Sudbury Property

END OF HOLE

HOLE NUMBER: 18

LOCATION: Claim S-100397

DIP TESTS

Latitude:

Dip: -66°

Footoge

Reading

Corrected

Departure:

Depth: 443.0 ft

Elevation:

443.0

Commenced: April 10, 1960

Azimuth: 315°

Finished: April 14, 1960

logged by: P. C. McLean

| SAMPLE NUMBER | DESCRIPTION |
|------------------|--|
| 0.0- 31.0 | Casing |
| 31.0- 36.6 | Silicified zone, 30% quartz. of plentiful brown biotite. No sulphide mineralization noted. |
| 36.8-325.0 | Gabbro, greyish green in colour, medium grained and rather uniform in texture and appearance. Locally the odd narrow slightly coarser grained section. 202.9-203.9 Silicified gabbro, mineralizedwith about 7% sulphides, mostlyin seams at 70° to core. Pyrrhotite and pyrite with a trace of chalcopyrite. |
| | 254.2-254.7 coarse grained silicified gabbro, approximately 5% sulphides. 278.7-280.8 Coarse grained silicified gabbro, 5% sulphides. 300.8-301.9 Coarse grained silicified section of the gabbro, 3% sulphides, mostly pyrrhotite with a little associated |
| | chalcopyrite. 320.0-320.6 silicified section of the gabbro, approximately 5% sulphides. |
| 325.0-365.0 | than the previus section 354.3-355.2 coarse grained, slightly silicified gabbro. 3% sulphides with chalcopyrite most common, also pyrrhotite. 362.0-364.2 silicified section of the gabbro, brown biotite common, no sulphides noted. |
| 365.0-410.0 | Gabbro, medium grained, green in colour. mostly uniform in appearance. |
| 410.0-443.0 | Gabbro, somewhat coarser grained. Brown biotite common throughout this section. Locally a little silicification over narrow widths. No sulphides observed. |
| | |

POOR QUALITY ORIGINAL TO FOLLOW

PROPERTY:

Kordol Explorations Timited - Tudbury Property Hole NUMBER:

LOCATION:

Clain 0-100597

DIP TESTS

Latitude:

Dip: -660

Footage

Reading

Corrected

Departure:

Depth: 443.0 foot

Elevation:

Commenced:

April 10, 1900

Azimuth:

3180

Finished:

April 14. 1960 Logged by: 2.0. MOT.ean

| MPLE MBER | | DESCRIPTION | |
|--------------|---------------------|---|--|
| | ~ 0-31.0 | Caving. | |
| | 31.0-36.8 | Silicified sone, 50% quarts, plentiful brown biotite. Ho sulphide mineralization noted. | |
| | 36.8-325.0 | Gabbro, grayish green in colour, medium grained and rather uniform in texture and appearance. Totally the odd narrow slightly coarser grained section. **NOL-9-203-9 Silicified gabbro, mineralized with about 7% sulphides, mostly in seems at 700 to the core. Fyrrhotite and pyrite with a trace of chalcopyrite. **E54.2-254-7 Coarse grained silicified gabbro, approximately 5% sulphides. 278.7-280-8 Coarse grained silicified gabbro, 5% sulphides. 300-8-301-9 Coarse grained silicified section of the gabbro, 3% sulphides. | |
| | 3.5 .0-365.0 | mostly pyrrhotite with a little associated chalcopyrite. 320.6-320.6 Filioified meetion of the gabbro, approximately 55 sulphides. Gabbro, grayish green as before but somewhat coarner grained than the previous section. 364.3-355.2 Coarse grained, alightly silicified gabero, 3% sulphides with chalcopyrite most common, also pyrrhotite. 362.0-364.2 Ilioified meetion of the gabbro, brown biotite accesson, no sulphides noted. | |
| | 365.0-430.0 | Sabbro, medium grained, green in colour. | |
| | 410.0-453.0 | Cabbro. secretar coar er grained. Brown biotite occasor throughout this section. Tocally a little silicification over narrow wisths. He sulphides observed. | |
| | 413.0 | and of hole. | |
| | | | |

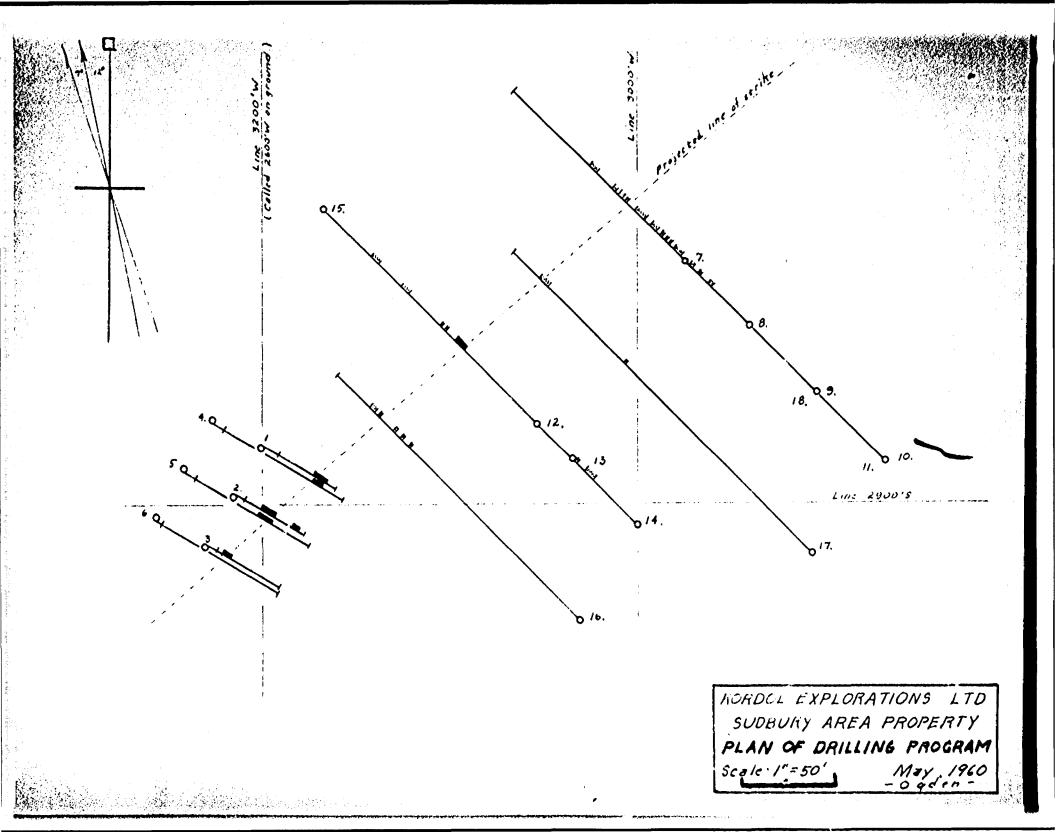
LEGEND

G NIPISSING DIABASE - GABBRO

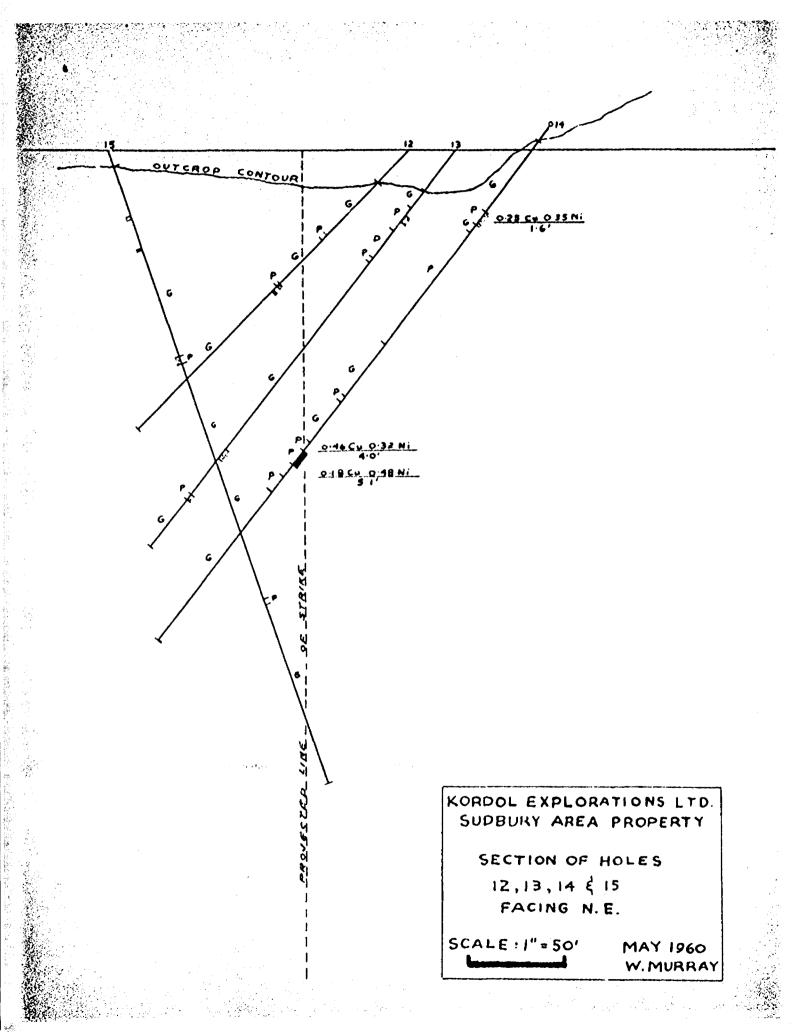
P FELDSPAR PORPHYRY

D DIORITE

MINERALIZATION ZONE - SULPHIDES



OUTCAOP CONTOUR KORDOL EXPLORATIONS LTD. SUPBURY AREA PROPERTY SECTION OF HOLES 7, 8, 9, 10, 11 { 18 FACING N.E. SCALE : 1" - 50' MAY 1960 W. MURRAY



KORDOL EXPLORATIONS LTD. SUDBURY AREA PROPERTY

SECTION OF HOLE

FACING N.E.

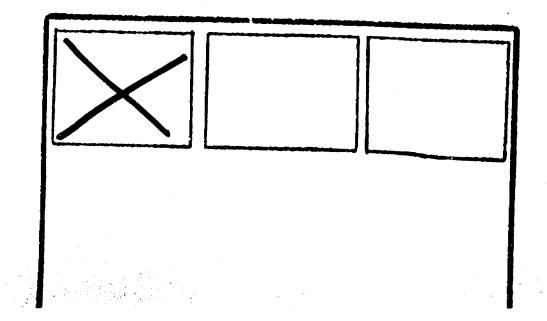
SCALE: 1"= 50'

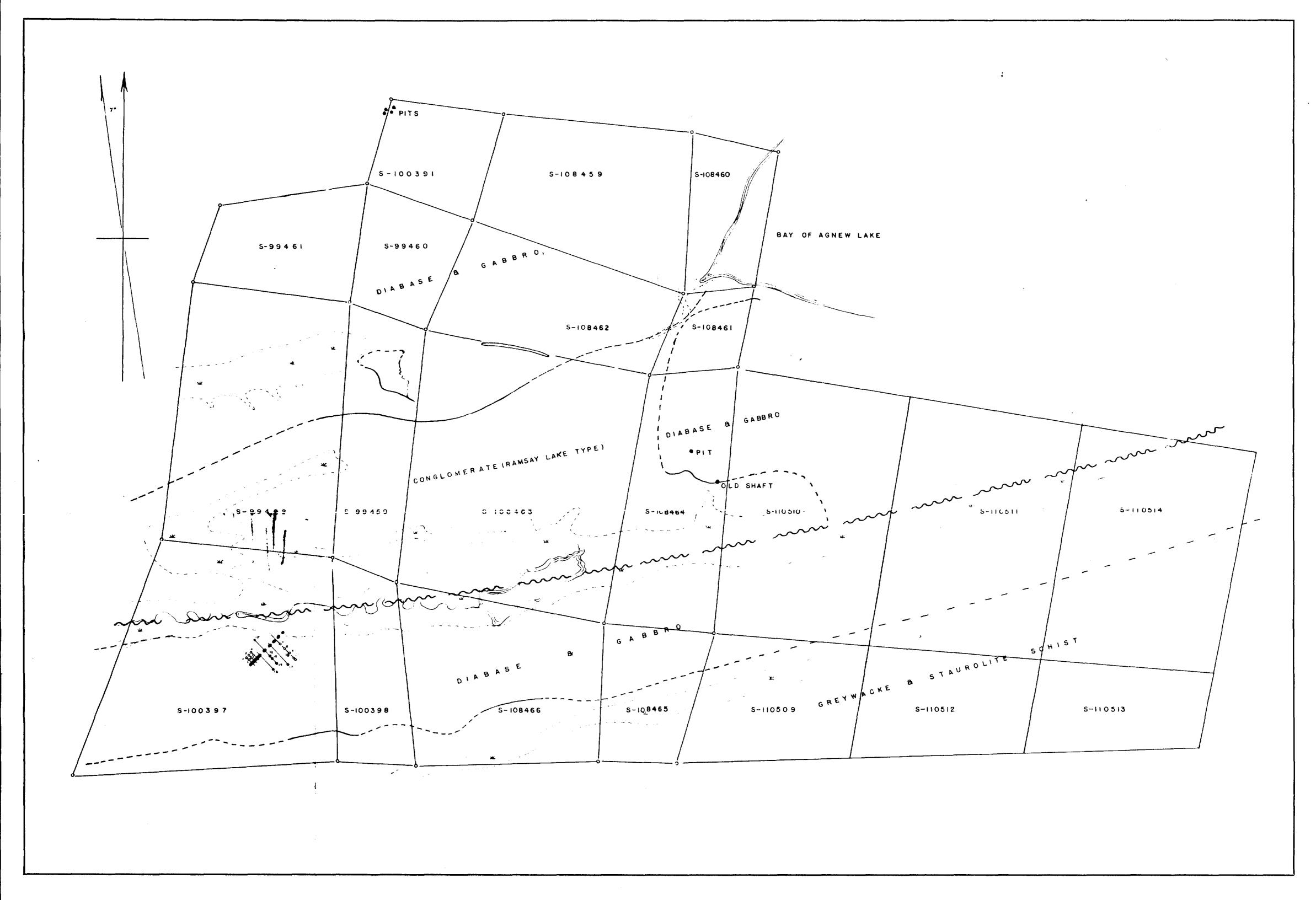
MAY 1960 W. MURRAY KORDOL EXPLORATIONS LTD. SUDBURY AREA PROPERTY SECTION OF HOLE 17 FACING N.E. MAY 1960

W. MURRAY

SEE ACCOMPANYING MAP(S) IDENTIFIED AS HYMAN-0019-#1

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE (X)





SULPHIDE MINERALIZATION 10% TO 60%

--- GEOLOGICAL CONTACT, OBSERVED- ASSUMED.

DRILL HOLE

MAN PROBABLE FAULT

---- OUTLINE OF MUSKEG

CLAIM POST OBSERVED



KORDOL EXPLORATIONS LIMITED HYMAN TWP. PROPERTY, ONTARIO.

SURFACE PLAN

SCALE: I IN. = 400 FT. DATE: MARCH IB, 1960
DRAWN BY: MICHAEL OGDEN APPROVED:

