



S2E11SE9114 13 SNOWSHOE BAY (SHOAL

010

Diamond Drilling

Area of Snowshoe Bay

Report NO 13

Work performed by: Shoal Lake Gold Mines (Central Geophysical Ltd.)

| Claim NO | Hole NO | Footage | Date | Note |
|----------|---------|---------------------|--------|------|
| K. 31154 | 1 | 440' | Mar/61 | (1) |
| K. 31155 | 2 | 722' <u>1162</u> | Mar/61 | (1) |

Notes:

(1) date rec'd

31154

CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|--------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>1</u> | Sheet No. <u>1</u> | Started | Completed |
| Location <u>ISLAND M.H. 34</u> | Latitude | Departure | Elevation |
| Bearing <u>S 45° E</u> | Dip. <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>D.T. ANDERSON, B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | |
|---------|-------|---|------------|---------|------|-------|-----|-----|--------------------|-----|----------|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. |
| 0 | 33.0 | CASING | | | | | | | | | |
| 33.0 | 50.6 | MEDIUM TO COARSE-GRAINED GREY ROCK CONSISTING OF PLAGIOCLASE LATHS IN AN EQUIGRANULAR MATRIX OF AMPHIBOLE AND PLAGIOCLASE. | | | | | | | | | |
| | | 37.0, 44.5..12 QUARTZ VEINS | | | | | | | | | |
| | | 48.5..1" CARBONATE VEIN. | | | | | | | | | |
| 50.6 | 55.5 | ZONE OF ASSIMILATION? OF FINE-GRAINED GREY-GREEN GREENSTONE BY COARSE-GRAINED GREY-GREEN INTRUSIVE ROCK. | | | | | | | | | |
| 55.5 | 60.5 | FINE-GRAINED GREY-GREEN GREENSTONE, HIGH CHLORITE. | | | | | | | | | |
| | | 60.6-60.5..ZONE OF ASSIMILATION. | | | | | | | | | |
| 60.5 | 121.0 | MEDIUM TO COARSE-GRAINED GREY ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE, OR PYROXENE; MINOR QUARTZ. PROBABLY A METADIORITE OR METAGABBRO. | | | | | | | | | |
| | | 98.5..1" QUARTZ VEIN | | | | | | | | | |
| | | 105.5..1" QUARTZ VEIN. | | | | | | | | | |
| | | 109.5, 110.0..1" QUARTZ VEINS. | | | | | | | | | |
| 121.0 | 125.0 | FINE-GRAINED GREY GREEN SILICEOUS GREENSTONE | | | | | | | | | |
| | | 124.5..2" SILICIFIED AND CARBONATED ZONE | | | | | | | | | |
| 125.0 | 134.0 | MEDIUM TO COARSE-GRAINED GREY ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE OR PYROXENE; MINOR QUARTZ. | | | | | | | | | |
| | | 147.5-148.5..FINE-GRAINED GREY SILICEOUS GREENSTONE? | | | | | | | | | |
| 134.0 | 155.5 | FINE-GRAINED GREY SILICEOUS ROCK; PROBABLY METASANDSTONE. | | | | | | | | | |
| | | NUMEROUS NARROW ZONES OF QUARTZ AND CARBONATE @ APPROX 45° | | | | | | | | | |
| 155.5 | 195.0 | COARSE-GRAINED GREY AMPHIBOLE-FELDSPAR ROCK..METADIORITE. | | | | | | | | | |

RECEIVED
 MAR 27 1961
 KENORA MINING DIV.

*work reports rec'd Mar. 23
within 10 day grace period*

CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|-------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>1</u> | Sheet No. <u>2</u> | Started | Completed |
| Location <u>ISLAND M.H.34</u> | Latitude | Departure | Elevation |
| Bearing <u>S 45° E</u> | Dip. <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>D.T.ANDERSON, B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | |
|---------|-------|--|------------|---------|------|-------|-----|-----|--------------------|-----|----------|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. |
| 195.0 | 239.2 | FINE-GRAINED GREY SILICEOUS ROCK: METASEDIMENT NUMEROUS NARROW VEINLETS OF CARBONATE AND QUARTZ | | | | | | | | | |
| | | 197.0-199.0..COARSE-GRAINED GREY ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE OR PYROXENE WITH MINOR QUARTZ. | | | | | | | | | |
| | | 207.0-208.0..ZONE OF SILICIFIED ROCK. | | | | | | | | | |
| 239.2 | 258.0 | COARSE-GRAINED GREY ROCK, AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE OR PYROXENE; MINOR QUARTZ. | | | | | | | | | |
| | | 242.6, 244.0..1" QUARTZ VEIN | | | | | | | | | |
| 258.0 | 262.5 | FINE-GRAINED GREY SILICEOUS MATERIAL: CONSIDERABLE SERICITE; METASEDIMENT; NUMEROUS NARROW VEINLETS OF QUARTZ AND CARBONATE; BANDING AND VEINLETS AT APPROXIMATELY 45° TO CORE. | | | | | | | | | |
| 262.5 | 317.5 | COARSE-GRAINED DARK GREY ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE OR PYROXENE; MORE BASIC THAN MATERIAL AT 239.2-258.0 | | | | | | | | | |
| | | 303.0-305.0..INCLUSIONS OF FINE-GRAINED GREY SILICEOUS ROCK. | | | | | | | | | |
| | | 312.0-313.0..A FEW THIN BEANS OF CARBONATE AND QUARTZ. | | | | | | | | | |
| 317.5 | 331.0 | FINE-GRAINED GREY SILICEOUS ROCK: METASEDIMENT. | | | | | | | | | |
| 331.0 | 398.0 | COARSE-GRAINED GREY ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE AND PYROXENE. | | | | | | | | | |
| | | 343.5-345.0..INCLUSION OF FINE-GRAINED GREY SILICEOUS ROCK. | | | | | | | | | |

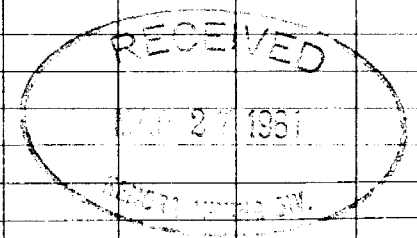
RECEIVED
 MAR 27 1961
 SPECIAL DELIVERY DIV.

CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|-------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>1</u> | Sheet No. <u>3</u> | Started | Completed |
| Location <u>ISLAND M.H.34</u> | Latitude | Departure | Elevation |
| Bearing <u>S 45° E</u> | Dip. <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>D.T.ANDERSON, B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | | |
|--------------|--------------|--|------------|---------|------|-------|-----|-----|--------------------|-----|----------|--|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. | |
| | | <u>353.0-356.0. INCLUSION OF FINE-GRAINED GREY SILICEOUS ROCK</u> | | | | | | | | | | |
| | | <u>355.5, 360.0, 372.2. 1"-2" VEINLETS OF QUARTZ</u> | | | | | | | | | | |
| | | <u>385.0-387.0. INCLUSION OF FINE-GRAINED GREY SILICEOUS ROCK</u> | | | | | | | | | | |
| | | <u>385.5. 4" VEIN OF CARBONATE.</u> | | | | | | | | | | |
| <u>396.0</u> | <u>440.0</u> | <u>COARSE-GRAINED GREY ROCK COMPOSED OF GREY FELDSPAR AND AMPHIBOLE OR</u> | | | | | | | | | | |
| | | <u>PYROXENE. SHOWS INDICATION OF METASOMATISM OF FINE-</u> | | | | | | | | | | |
| | | <u>GRAINED GREY SILICEOUS MATERIAL BY THIS COARSE-</u> | | | | | | | | | | |
| | | <u>GRAINED MATERIAL; I.E. THERE ARE NUMEROUS SMALL</u> | | | | | | | | | | |
| | | <u>INCLUSIONS OF THE SILICEOUS MATERIAL WITH</u> | | | | | | | | | | |
| | | <u>INDISTINCT OUTLINE.</u> | | | | | | | | | | |
| | | <u>398.0-399.5. INCLUSION OF FINE-GRAINED GREY</u> | | | | | | | | | | |
| | | <u>SILICEOUS MATERIAL.</u> | | | | | | | | | | |
| | <u>440.0</u> | <u>END OF HOLE</u> | | | | | | | | | | |



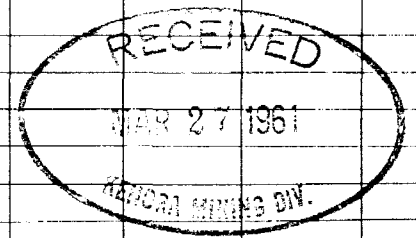
K 31155

CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|---------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>2</u> | Sheet No. <u>1</u> | Started | Completed |
| Location <u>ISLAND J.O. 177</u> | Latitude | Departure | Elevation |
| Bearing <u>N 45° W</u> | Dip <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>J.T. ANDERSON B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | |
|---------|-------|---|------------|---------|------|-------|-----|-----|--------------------|-----|-----------|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | |
| | | | | To | From | | | | Cu. | Ni. | Cu. + Ni. |
| 0 | 16.3 | CASING | | | | | | | | | |
| 16.3 | 21.0 | FINE TO MEDIUM-GRAINED GREENSTONE @ 18.8...2" SEAM OF DISSEMINATED PYRITE AND PYRRHOTITE | | | | | | | | | |
| 21.0 | 43.5 | COARSE-GRAINED SAUSSURITIZED DIORITE.. COMPOSED OF BATHS AND SEGREGATIONS OF PLAGIOCLASE IN A MATRIX OF EPIDOTE, AMPHIBOLE AND PLAGIOCLASE | | | | | | | | | |
| 43.5 | 76.0 | FINE-GRAINED DARK GREY-GREEN GREENSTONE. ..THIN SEAMS OF PLAGIOCLASE AT 30' TO CORE @ 48.0, 55.5 AND 62.7 | | | | | | | | | |
| 76.0 | 78.0 | MEDIUM-COARSE-GRAINED SAUSSURITIZED DIORITE | | | | | | | | | |
| 78.0 | 110.0 | MEDIUM-GRAINED GREY SILICEOUS MATERIAL.. PERHAPS SEDIMENTARY?..CONSISTS OF A MEDIUM- GRAINED MIXTURE OF FELDSPAR AND QUARTZ, WITH CLOTS OF CHLORITIC MATERIAL. ..@ 87.5, A 2 FOOT SECTION WITH FRACTURES AT 74° TO THE CORE. ..FROM 91.0 - 104.5, NUMEROUS FRACTURES AT 45° TO THE CORE, FRACTURES AT 91.5, 96.0 AND 100.5 CONTAIN 1 INCH QUARTZ VEINS. | | | | | | | | | |
| 110.0 | 124.5 | MEDIUM TO COARSE-GRAINED SAUSSURITIZED DIORITE | | | | | | | | | |
| 124.5 | 135.0 | FINE-GRAINED ORGY-GREEN GREENSTONE. ..@ 126.0, 129.0, & 133.0 AND 134.0, 1 INCH QUARTZ VEINS. | | | | | | | | | |
| 135.0 | 137.8 | CHLORITE-SERICITE SCHIST..1 FOOT CORE GROUND. | | | | | | | | | |
| 137.8 | 144.0 | VERY FRIABLE CHLORITE SCHIST | | | | | | | | | |
| 144.0 | 187.0 | COARSE-GRAINED ROCK CONSISTING OF AN EQUIGRANULAR | | | | | | | | | |



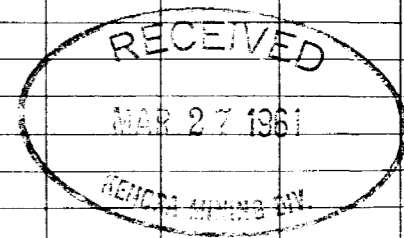
*Work reports received Mar 27
within 10 day grace period*

CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|---------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>2</u> | Sheet No. <u>2</u> | Started | Completed |
| Location <u>ISLAND J.C. 177</u> | Latitude | Departure | Elevation |
| Bearing <u>N 45° W</u> | Dip. <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>D.T.ANDERSON, B.Sc., M.Sc., P.ENG.</u> | CORE | | | | | PROGRESSIVE TOTALS | | | |
|---------|-------|--|------------|---------|------|-------|-----|--------------------|----------------|-----|----------|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. |
| | | MIXTURE OF GREY-PINK FELDSPAR, AMPHIBOLE, CHLORITE, & MINOR QUARTZ. ..@ 155.3-155.8, CHLORITE SCHIST @ 45° TO CORE | | | | | | | | | |
| 187.0 | 190.0 | FINE-GRAINED DARK GREEN GREENSTONE ..@ 189.2 2 INCH CARBONATE SEAM @ 20° TO CORE | | | | | | | | | |
| 190.0 | 206.5 | COARSE-GRAINED ROCK CONSISTING OF AN EQUI-GRANULAR MIXTURE OF GRFY-PINK FELDSPAR, CHLORITE AMPHIBOLE, AND MINOR QUARTZ. | | | | | | | | | |
| 206.5 | 210.8 | VERY FINE-GRAINED GREY FELSITIC MATERIAL? | | | | | | | | | |
| 210.8 | 232.0 | FINE-MEDIUM-GRAINED GRFY-GREEN GREENSTONE, NUMEROUS FRACTURES @ APPROX. 45° TO CORE. 7 ..@ 218.0, 6-INCH CARBONATE ZONE ..@ 219.0, 2-INCH QUARTZ VEIN | | | | | | | | | |
| 232.0 | 243.5 | MEDIUM-GRAINED ROCK CONSISTING OF PINK AND GREY FELDSPAR IN A MATRIX OF CHLORITE. | | | | | | | | | |
| 243.5 | 271.0 | FINE-GRAINED DARK GREY-GREEN GREENSTONE. ..NUMEROUS FRACTURES @ 45° TO CORE WITH FRACTURE FILLINGS OF CARBONATE. ..@254.5, 1" QUARTZ VEIN. | | | | | | | | | |
| 271.0 | 293.8 | MEDIUM-COARSE-GRAINED ROCK CONSISTING OF OF AN EQUIGRANULAR MIXTURE GREY AND PINK FELDSPAR AND CHLORITE. | | | | | | | | | |
| 293.8 | 298.2 | FINE-GRAINED GREY-GREEN GREENSTONE | | | | | | | | | |
| 298.2 | 304.5 | FINE-GRAINED REDDISH-GREY FELDSPATHIZED GREENSTONE | | | | | | | | | |
| 304.5 | 312.5 | FINE-GRAINED DARK GREY-GREEN GREENSTONE. ..293.8 - 312.5, NUMEROUS FRACTURES @ 45° TO CORE | | | | | | | | | |

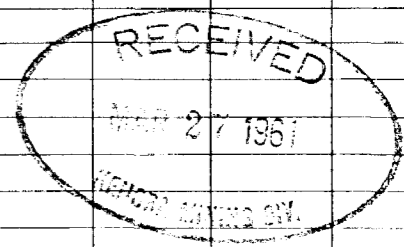


CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|---------------------------------|---------------------|-----------------|-----------------|
| Hole No. <u>2</u> | Sheet No. <u>3</u> | Started | Completed |
| Location <u>ISLAND J.O. 188</u> | Latitude <u>45°</u> | Departure | Elevation |
| Bearing | Dip | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY <u>D.T. ANDERSON B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | | | | |
|---------|-------|---|------------|---------|------|-------|-----|-----|--------------------|-----|----------|--|--|--|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | | | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. | | | |
| 7 | 312.5 | 327.5 | | | | | | | | | | | | |
| | | 327.5 | | | | | | | | | | | | |
| | | 348.2 | | | | | | | | | | | | |
| | | 369.2 | | | | | | | | | | | | |
| | | 408.8 | | | | | | | | | | | | |
| | | 420.7 | | | | | | | | | | | | |
| | | 423.0 | | | | | | | | | | | | |
| | | 428.2 | | | | | | | | | | | | |
| | | 438.8 | | | | | | | | | | | | |



CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

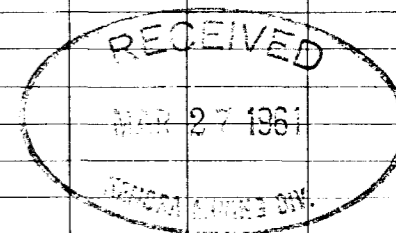
Hole No. 2
 Location ISLAND J.O. 177
 Bearing N 45° W
 Purpose.....

Sheet No. A
 Latitude.....
 Dip. 45°

Started.....
 Departure.....
 Surveys.....

Completed.....
 Elevation.....
 Length.....

| FOOTAGE | | LOGGED BY <u>D.T.ANDERSON, B.Sc., M.Sc., P.Eng.</u> | CORE | | | | | | PROGRESSIVE TOTALS | | | |
|--------------|--------------|--|------------|---------|------|-------|-----|-----|--------------------|-----|----------|--|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | | |
| | | | | To | From | | | | Cu. | Ni. | Cu.+ Ni. | |
| | | <u>430.1..2" QUARTZ VEIN @ 45° TO CORE.</u> | | | | | | | | | | |
| | | <u>434.2..1" QUARTZ VEIN @ 45° TO CORE.</u> | | | | | | | | | | |
| <u>338.8</u> | <u>446.0</u> | <u>MEDIUM-GRAINED GREY-GREEN ROCK CONSISTING OF GREY FELDSPAR PHENOCRYSTS? IN A CHLORITIC MATRIX.</u> | | | | | | | | | | |
| <u>446.0</u> | <u>455.0</u> | <u>FINE-GRAINED DARK GREEN GREENSTONE; A FEW CARBONATE VEINLETS @ 45°, SOME EPIDOTE VEINLETS.</u> | | | | | | | | | | |
| <u>455.0</u> | <u>464.6</u> | <u>MEDIUM-GRAINED GREENISH-GREY ROCK CONSISTING OF GREY FELDSPAR IN A MATRIX WHICH HAS BEEN STRONGLY SAUSSURITIZED; SOME CARBONATE IS DISTRIBUTED THROUGH IT AS WELL AS SOME SERICITE?, AND MINOR QUARTZ. THERE ARE A FEW SMALL EPIDOTE WEAMS.</u> | | | | | | | | | | |
| | | <u>461.0..12 QUARTZ VEIN @ 5° TO CORE AXIS.</u> | | | | | | | | | | |
| <u>464.6</u> | <u>481.0</u> | <u>FINE-GRAINED DARK GREEN GREENSTONE, FIVE OR SIX NARROW CARBONATE VEINLETS /FOOT.</u> | | | | | | | | | | |
| | | <u>477.0-478.3..ZONE OF PINK FELDSPATHIZATION.</u> | | | | | | | | | | |
| | | <u>469.0..4" CARBONATE VEINLET.</u> | | | | | | | | | | |
| <u>481.0</u> | <u>508.5</u> | <u>MEDIUM TO COARSE-BRAINWD GREY-GREEN ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY FELDSPAR AND AMPHIBOLE WITH SOME SMALL ZONES OF HIMBY EPIDOTIZED, AND PINK FELDSPATHIZED MATERIAL.</u> | | | | | | | | | | |
| | | <u>484.0-485.0..PINK FELDSPATHIC MATERIAL</u> | | | | | | | | | | |
| | | <u>486.5-487.0..PINK FELDSPATHIC MATERIAL</u> | | | | | | | | | | |
| | | <u>491.0-494.0..PINK FELDSPATHIC MATERIAL</u> | | | | | | | | | | |
| | | <u>497.0-501.0..EPIDOTIZED ZONE</u> | | | | | | | | | | |



CENTRAL GEOPHYSICS LIMITED

DIAMOND DRILL RECORD

| | | | |
|---------------------------------|--------------------|-----------------|-----------------|
| Hole No. <u>2</u> | Sheet No. <u>5</u> | Started | Completed |
| Location <u>ISLAND J.O. 177</u> | Latitude | Departure | Elevation |
| Bearing <u>N 45° W</u> | Dip. <u>45°</u> | Surveys | Length |
| Purpose | | | |

| FOOTAGE | | LOGGED BY | CORE | | | | | | PROGRESSIVE TOTALS | | |
|---------|--------|---|------------|---------|------|-------|-----|-----|--------------------|-----|-----|
| From | To | Description | Sample No. | Footage | | Width | Cu. | Ni. | Feet x Percent | | |
| | | | | To | From | | | | Cu. | Ni. | Cu. |
| 508.5 | 518.08 | FINE-GRAINED DARK GREEN-GREY GREENSTONE SHOWING INTRUSIVE RELATIONS OF BEEK FELDSPATHIC MATERIAL INTO IT. | | | | | | | | | |
| 518.08 | 536.0 | MEDIUM TO COARSE-GRAINED ROCK CONSISTING OF AN EQUIGRANULAR MIXTURE OF GREY AND PINK FELDSPAR AND AMPHIBOLE WITH SOME EPIDOTIZED MATERIAL. | | | | | | | | | |
| 536.0 | 546.0 | FINE-GRAINED DARK GREY-GREEN GREENSTONE CUT BY STRINGERS OF MEDIUM TO COARSE-GRAINED AMPHIBOLE-FELDSPAR MATERIAL. | | | | | | | | | |
| 546.0 | 722.0 | 542.0, 544.0, 545.5, VEINLETS OF CARBONATE. MEDIUM-GRAINED TO COARSE-GRAINED DARK GREY OR GREENISH ROCK CONSISTING OF GREY FELDSPAR, AMPHIBOLE AND CHLORITE. PERHAPS A METADIORITE OR METAGABBRO. 556.5-559.0, QUARTZ-CARBONATE FILLING BRECCIATED ZONE AT 30° TO CORE. 570.1, 3" CARBONATE ZONE @ 30° TO CORE. 616.5-619.0, FELDSPATHIZED ZONE. 642.5-644.0, FINE-GRAINED PHASE OF ROCK. 689.0-692.0, FINE-GRAINED PHASE OF ROCK. 691.0, 2" QUARTZ VEIN @ 30° TO CORE. | | | | | | | | | |
| | 722.0 | END OF HOLE. | | | | | | | | | |

RECEIVED
 MAR 27 1961