

SCALE 1:100

LENGTH 81.35m NORTHING 6271.0
 AZIMUTH 101°10' EASTING 7676.0
 DIP AT COLLAR 04° ELEVATION 1474.9
 LOCATION EASTERN RIDGE.

M'INTYRE MINES (AUST.) PTY. LTD
 EXPLORATION DEPARTMENT

HOLE NO. 323 PAGE 1 OF 4

PROJECT KARA.

| % CORE RECOVERY | CORE SPLIT | FLATLINE | | FRACTURING | BEDDING | GEOLOGY | MINERAL |
|-----------------|------------|----------|-------|------------|---------|---------|---------|
| | | INTERVAL | DEPTH | | | | |
| NC. | | | | | | | |
| 4.57 | | | | | | | |
| 36.71 | | | | | | | |
| 6.10 | | | | | | | |
| 7.98 | | | | | | | |
| 29.45 | | | | | | | |
| 9.14 | | | | | | | |
| 78.02 | | | | | | | |
| 10.06 | | | | | | | |
| 25.52 | | | | | | | |
| 10.77 | | | | | | | |
| 1.00 | | | | | | | |
| 12.19 | | | | | | | |
| 74.81 | | | | | | | |
| 13.11 | | | | | | | |
| 74.81 | | 1.0 | 80 | | | | |
| 15.24 | | 1.0 | 30 | | | | |
| 95.68 | | 1.0 | 180 | | | | |
| 18.29 | | 1.0 | 85 | | | | |
| 36.70 | | 1.0 | 130 | | | | |
| 19.20 | | 1.0 | 120 | | | | |
| 1.00 | | 1.0 | 260 | | | | |
| 20.12 | | 1.0 | 260 | | | | |
| 1.00 | | 1.0 | 210 | | | | |
| 22.25 | | 1.0 | 150 | | | | |
| 1.00 | | 1.0 | 090 | | | | |
| 24.6 | | 1.0 | 090 | | | | |
| 1.00 | | 1.0 | 090 | | | | |

MINERALISATION.
 LEVELS OF CRUSTION.
 W - 0.00 - 4.51.
 X - 4.57 - 12.00.
 Y - 12.00 - 28.50
 F - 28.50 - 81.35m.

W
 X
 Y
 F

MINERALISATION.

13.00 - 15.36m
 NIL SCHEELEITE.

15.36 - 15.45m.
 LITTLE DISSEMINATED
 WHITISH-YELLOW FINE
 SCHEELEITE ALONG FRACTURES

19.3m

NIL SCHEELEITE
 OR VERY, VERY ISCLATED
 SPERM. NO GRADE
 ESTIMATED.

GEOLOGY
 MAIN LITHOLOGICAL UNITS.
 UPPER SAARN ZONE - 0.00 - 45.95m.
 UPPER SBT UNIT - 45.95 - 54.40m.
 LOWER SAARN ZONE - 54.40 - 74.40m.
 LOWER SBT UNIT - 74.40m - 80.45m.
 GRANITE - 80.45m - 81.35m.

UPPER SAARN UNIT:-
 NO CORE-CASED TO 4.51m.
 CLAYEY FC SWDGE REPRESENTING SAARN

4.57. SAARN
 UNDIFFERENTIATED UNIT.
 WEATHERED (+)
 PROBABLY MAGNETITE (ORIGINALLY)
 SAARN.

ATOMIC
 7.25 - 9.80m - CLAYEY AND
 FRAGILE

9.80m.
 GARNET INSIDE SAARN.
 WEATHERED TO 12.00m, PARTIALLY
 WTHED THEREAFTER.

12.00.
 EPIDOTE RICH ZONE 14.0 - 15.40m.
 WEATHERED ZONE 17.25 - 18.35.
 RUBBLY, AND ALDUM TO
 COARSE GRAINED TEXTURE.

28.50 - 28.51.
 GOOD CLEAN UNCONTAMINATED
 FRESH GARNET DIOPSIDE SAARN.

ANGLE READ
 ANGLE CORRECTED
 AZIMUTH
 DEPTH
 SURVEY PDA.
 CONTRACTOR M'INTYRE MINES P/NTARNAK.
 CORE NY
 CASING NY
 LOGGED BY CHW DATE 30.AUG.1982.
 STARTED 16 JUNE 1982
 1.711 x 10⁵

LENGTH 51.32m NORTHING 6271.0
AZIMUTH 108°10' EASTING 7176.0
DIP AT COLLAR 54° ELEVATION 474.9
LOCATION EASTERN RIDGE

HOLE No 3.23 PAGE / OF 10 / 14
PROJECT LARA

| SCALE 1:100 | | FEATURE | | FRACTURING | BEDDING | GEOLOGY | MINERAL | MINERALISATION | GEOLOGY | ANGLE READ |
|-----------------|------------|---------|-------|------------|---------|----------------|---------|---|--|------------|
| % CORE RECOVERY | CORE SPLIT | METRE | DEPTH | | | | | | | |
| 25.5 | | 10 | 10 | | | | | 25.70 - 21.70m FEW ISOLATED SCHEELITE CRystals - 5% BELOW CUT OFF GRADE. | 25.10 EOLYCLIC SLIMY FINE GRAINED - TACTUM TO DARK GREEN COLOR SLIGHTLY MIXED - NO MAGNETIC. | |
| 100 | | 10 | 10 | | | Tc | | | | |
| 27.13 | | 10 | 10 | | | | | | | |
| 100 | | 10 | 10 | | | | | | | |
| 29.57 | | 10 | 10 | | | Tj | | 30.20 - 31.40m CRystals (0.5um) OF SCHEELITE AND FINE DISSEMINATED WHITE YELLOW FANCRONITES EST C E - 0.5% | 29.20m DIPSIDE - GARNET SLIMY BROWNISH GREEN MEDIUM TEXTURE, FRESH BRITTLE. | |
| 100 | | 10 | 10 | | | | | 31.40 - 33.0m - SHEELITE, BUT WHEN DISPERSED EST C E - 0.2% | 31.80m GARNET, DIPSIDE, MAGNETITE SLIMY. | |
| 32.92 | | 10 | 10 | | | Tj 3m 21-30 | | 33.0 - 41.0m FEW ISOLATED MINERALS EST NOT TO REACH C 1% GRADE. | FRESH, RUGH FRACTURE, MAIN OVERALL FC AMBIENT, ESTIMATED AT 25% | |
| 100 | | 10 | 10 | | | | | | | |
| 35.97 | | 10 | 10 | | | | | | 35.80m MAGNETITE SLIMY. HAS: AMPHIBOLE, GARNET, DIPSIDE. MAGNETIC NOT WELL RESTRICTED - FINE GRAINED. | |
| 100 | | 10 | 10 | | | Tm 4 | | | | |
| 39.01 | | 10 | 10 | | | | | | 39.15m DIPSIDE GARNET SLIMY COARSE - MEDIUM GRAINED TEXTURE SLIGHTLY WEATHERED. | |
| 100 | | 10 | 10 | | | | | 41.0 - 45.0m NIL BENEFIT OR THE ISOLATED SPINEL NO GRADE. | | |
| 42.6 | | 10 | 10 | | | Td 5 | | | | |
| 43.0 | | 10 | 10 | | | | | | | |
| 44.20 | | 10 | 10 | | | | | | 44.20m TRANSITIONAL DARK GRAY SLIMY TO QUARTZITE HARD FINE GRAINED FAINTLY SLIMY | |
| 45.96 | | 10 | 10 | | | Tc | | | 45.95m UPPER SANDSTONE UNIT - 45.45 - 54.40 | |
| 45.42 | | 10 | 10 | | | | | | | |
| 100 | | | | | | | | NO MINERALISATION. | QUARTZITE UNIT HARD, VERY HARD + HOMOGENEOUS FINE GRAINED LIGHT GRAY EXTREMELY SLIMY DRILLING PROBLEMS | |
| 48.46 | | | | | | Q. | | | | |
| 48.36 | | | | | | | | | | |

CONTRACTOR MINTYRE MINES (AUST.) PTY. LTD
CORE NY
CASING 100

LOGGED BY CYHL DATE 30 AUG. 1982
STARTED 26 JUNE 1982
FINISHED 1. JULY 1982

35

45

50

51.32m

SCALE 1:100

LENGTH 81.35m NORTHING 6271.0
 AZIMUTH 107°10' EASTING 7676.0
 DIP AT COLLAR 54° ELEVATION 474.9
 LOCATION EASTERN RIDGE

M'INTYRE MINES (AUST.) PTY. LTD
 EXPLORATION DEPARTMENT

HOLE No 323 PROJECT KARA

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| DEPTH (m) | % CORE RECOVERY | CORE SPLIT | FEATHER | | FRACTURING | BEDDING | GEOLOGY | MINERAL | MINERALISATION | GEOLOGY | ANGLE READ | ANGLE CORRECTED | AZIMUTH | DEPTH |
|-----------|-----------------|------------|---------|------|------------|---------|---------|--|---|---------|------------|-----------------|---------|-------|
| | | | METER | INCH | | | | | | | | | | |
| 100 | 51.51 | | | | | | | | | | | | | |
| 100 | | | | | | | | ISOLATED SPHERES AND UNIFORM OF FRESH MOUNT FLUOROSPAR SCHEDULE 10.15-0.20 | QUARTZ UNIT AS USUAL WELL CRYSTALLINE | | | | | |
| 54.76 | | | | | | | | | | | | | | |
| 100 | 53.47 | | | | | | | | | | | | | |
| 100 | 56.56 | | 10 | 10 | | | | | | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 57.41 | | 10 | 10 | | | | | | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 60.63 | | 10 | 10 | | | | 57.45-60.50m. WELL DISTRIBUTED SPECS OF SMALLER EST GRADE C.M.C. 60.50-63.20m | MINERALISED FROM 67.00m. TRANSITIONAL TO UNDERLYING UNIT VERT. HARD DRILLING | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 63.76 | | 10 | 10 | | | | AS HAVE BUT LOWER GRADE. EST BY C.257. | TRANSITIONAL ZONE QUARTZITE TO SARNI | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 66.75 | | 10 | 10 | | | | 63.20-66.70m. WELL DISPERSED SPECS OF SCHEDULE (FINE) WITH NARROW (2cm) ZONES OF VERY FINE DISSEMINATION. | LOWER SARNI UNIT 67.40-74.90m. SARNI - CHIEFLY BARNET INSIDE FACIES BUT NARROW BLENDING ZONE OF BARNET LIKE SARNI. | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 69.75 | | 10 | 10 | | | | 66.75-73.9m. ISOLATED SPHERES ONLY EST C.05-0.107. | MAGNETITE SARNI APPROX 60% MAG. | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 72.85 | | 10 | 10 | | | | | | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 75.90 | | 10 | 10 | | | | | | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 78.95 | | 10 | 10 | | | | | | | | | | |
| 100 | | | 10 | 10 | | | | | | | | | | |
| 100 | 81.35 | | 10 | 10 | | | | | | | | | | |

SURVEY P.A.A.

CONTRACTOR M'INTYRE MINES (P. O. CARROLL)

LOGGED BY C.H.W. DATE 30 AUG 1982.
 STARTED 16 JUNE 1982.

76.90m

LENGTH 51.36m NORTHING 6271.0
AZIMUTH 102°10' EASTING 7676.0
DIP AT COLLAR 64° ELEVATION 474.9
LOCATION EASTERN RIDGE.

MOLE NO 323. PAGE / OF 4/4
PROJECT KARA

SCALE 1:100

| % CORE RECOVERY | CORE SPLIT | FEATURE | | FRACTURING | BEDDING | GEOLOGY | MINERAL |
|-----------------|------------|---------|--|------------|---------|---------|---------|
| | | | | | | | |
| 70.54 | | | | | | | |
| 46.51 | | | | | | | |
| 7.91 | | | | | | | |
| 100 | | | | | | Q | |
| 76.64 | | | | | | | |
| 100 | | | | | | | |
| 31.36 | | | | | | Gr | |

MINERALISATION



GEOLOGY

LOWER SST UNIT 74.90 - 80.45m
QUARTZITE.
LIGHT GREY, MEDIUM, BRITTLE
FINE GRAINED TEXTURE.
MORE JOINTED THAN UPPER SANDSTONE UNIT.
FEW QUARTZ STRANDERS IN LOWEST SECTION.

80.45

GRANITE - SHARP CONTACT, FINE GRAINED
HOMOGENEOUS, LIGHT PINK.

E.O.H. 81.36

ANGLE READ
ANGLE CORRECTED
AZIMUTH
DEPTH

SURVEY P.D.A.

CONTRACTOR M'INTIRE MINES. (P. O'CONNOR)
CORE NX
CASING NX

LOGGED BY C.H.W. DATE 30 AUG. 1982.
STARTED 16 JUNE 1982
FINISHED 1 JULY 1982.

75
80.