

| SCALE 1:100 | | | | LENGTH 91.131m. NORTHING 7718.7 | | MINIATURE MINES (AUST.) PTY. LTD | |
|-----------------|------------|------------|---------|---------------------------------|---------|---|-------------|
| FEATURE | | | | AZIMUTH 94° EASTING 7526.7 | | EXPLORATION DEPARTMENT | |
| % CORE RECOVERY | CORE SPLIT | FRACTURING | BEDDING | GEOLOGY | MINERAL | DIP AT COLLAR 76° ELEVATION 429.2. | |
| | | | | | | LOCATION LOCATION 1.5. | |
| | | | | | | HOLE NO 330 | PAGE/OF 1/4 |
| | | | | | | PROJECT KARA | |
| | | | | | | MINERALISATION | |
| | | | | | | GEOLOGY | |
| | | | | | | ANGLE READ | |
| | | | | | | ANGLE CORRECTED | |
| | | | | | | AZIMUTH | |
| | | | | | | DEPTH | |
| | | | | | | SURVEY PDA | |
| | | | | | | CONTRACTOR RELATIVE TINES (P.D. CURRAN) | |
| | | | | | | CORE NX NX (6.09m) | |
| | | | | | | DATE 12 NOV 1982 | |
| | | | | | | STARTED 25 OCT 1982 | |
| | | | | | | IN APRIL 1982 | |
| | | | | | | LOGGED BY CMV. | |
| | | | | | | DATE 12 NOV 1982 | |
| | | | | | | STARTED 25 OCT 1982 | |
| | | | | | | IN APRIL 1982 | |

NC

6.09

57.6

7.01

33.4

10.56

98.16

11.89

100

14.94

100

17.95

100

21.03

100

24.65

NC

B

XB

D

Bc

LENGTH 91.131m. NORTHING 7718.7
 AZIMUTH 94° EASTING 7526.7
 DIP AT COLLAR 76° ELEVATION 429.2.
 LOCATION LOCATION 1.5.

MINIATURE MINES (AUST.) PTY. LTD
 EXPLORATION DEPARTMENT
 HOLE NO 330
 PAGE/OF 1/4
 PROJECT KARA

MINERALISATION
MAIN SEQUENCES
 0-00-23.90 - TERT. BASALT.
 23.90-28.50 - TERT. CONGLOM.
 28.50-63.75 - GRANITE SEQUENCE.
 63.75-68.69 - UPPER SARM UNIT.
 68.69-72.40 - 'MARBLE' UNIT
 72.40-82.33 - LOWER SARM UNIT.
 82.33-87.75 - ARGILLACEOUS UNIT.
 87.75-91.41 - GRANITE.

LEVELS OF OXIDATION.
 V - 0.00 - 6.09
 F - 6.09 - 8.50
 X - 8.50 - 9.50
 F - 9.50 - 28.50.
 Y - 28.50 - 59.50.
 F - 59.50 - 91.41.

NIL
 MINERALISATION.

No CORE - NX CASING TO 6.09m.
 OVERBURDEN AND
 BASALT RUGGLE.
 6.09m.
 TERTIARY BASALT. TO 23.90m.

6.09m.
 WEATHERED ZONE.
 9.50

6.09m - 16.50m.
 VERY CALICIC OXIDINE
 BASALT.

16.50m.
 VERY FINE GRAINED.
 LIGHT GREY
 HARD MASSIVE OXIDINE BASALT
 NO JOINTING - EXT MASSIVE

21.30m.
 CALICIC BASALT.
 MASSIVE + CRYSTALLINE GRANITE VENS
 ALONG FRACTURES AND AS
 CRYSTALLINE BLOSS.

23.90m. TRANSITIONAL CONTACT OVER 20cm.
 TERTIARY CONGLOMERATE.

ANGLE READ
 ANGLE CORRECTED
 AZIMUTH
 DEPTH

SURVEY PDA

CONTRACTOR RELATIVE TINES (P.D. CURRAN)
 CORE NX NX (6.09m)

LOGGED BY CMV. DATE 12 NOV 1982.
 STARTED 25 OCT 1982
 IN APRIL 1982

| SCALE 1:100 | | | | LENGTH 7.41m | NORTHING 7718.7 | MINTIRE MINES (AUST.) PTY LTD EXPLORATION DEPARTMENT | | | | | | | | | |
|---------------|------------|----------|----------|----------------------|-----------------|---|---------------|----------------|---------|------------|-----------------|---------|-------|--------|--------|
| | | | | AZIMUTH 94° | EASTING 7826.7 | HOLE No 330 | PAGE / OF 3/4 | | | | | | | | |
| | | | | DIP AT COLLAR 76° | ELEVATION 429.2 | PROJECT MARYA | | | | | | | | | |
| | | | | LOCATION LOCATION 15 | | | | | | | | | | | |
| CORE RECOVERY | CORE SPLIT | FEATURE | | FRACTURING | BEDDING | GEOLOGY | MINERAL | MINERALISATION | GEOLOGY | ANGLE READ | ANGLE CORRECTED | AZIMUTH | DEPTH | SURVEY | P.O.D. |
| | | INTERNAL | SPINNING | | | | | | | | | | | | |
| 37.5 | | | | | | | | | | | | | | | |
| 40.98 | | | | | | | | | | | | | | | |
| 42.71 | | | | | | | | | | | | | | | |
| 46.7 | | | | | | | | | | | | | | | |
| 57.24 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 23.55 | | | | | | | | | | | | | | | |
| 58.25 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 56.65 | | | | | | | | | | | | | | | |
| 4.3 | | | | | | | | | | | | | | | |
| 47.6 | | | | | | | | | | | | | | | |
| 49.18 | | | | | | | | | | | | | | | |
| 58.2 | | | | | | | | | | | | | | | |
| 64.87 | | | | | | | | | | | | | | | |
| 57.19 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 71.74 | | | | | | | | | | | | | | | |
| 53.43 | | | | | | | | | | | | | | | |
| 40.63 | | | | | | | | | | | | | | | |
| 57.46 | | | | | | | | | | | | | | | |
| 21.70 | | | | | | | | | | | | | | | |
| 9.56 | | | | | | | | | | | | | | | |
| 46.66 | | | | | | | | | | | | | | | |
| 44.34 | | | | | | | | | | | | | | | |
| 52.98 | | | | | | | | | | | | | | | |
| 46.75 | | | | | | | | | | | | | | | |
| 44.06 | | | | | | | | | | | | | | | |
| 68.27 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 65.78 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 72.84 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |

LENGTH 7.41m NORTHING 7718.7
 AZIMUTH 94° EASTING 7826.7
 DIP AT COLLAR 76° ELEVATION 429.2
 LOCATION LOCATION 15

MINTIRE MINES (AUST.) PTY LTD
 EXPLORATION DEPARTMENT
 HOLE No 330 PAGE / OF 3/4
 PROJECT MARYA

MINERALISATION

GEOLOGY

NIL

FINE GRAINED WHITISH-CREAM
 SANDSTONE (CALCAREOUS) QUARTZITE.
 QUITE HOMOGENEOUS, HARD AND
 INDURATED, BUT
 STILL POOR DRILLING CONDITIONS
 AND RECOVERIES.
 (CUBOPLY-BUCKY CASE.
 JOINTED.

ANGLE READ
 ANGLE CORRECTED
 AZIMUTH
 DEPTH

MINERALISATION

SOFT POWDERY LIME
 57.35-57.85m

SURVEY P.O.D.

NIL,
 BUT DULL WHITE
 FLUORESCENCE BETWEEN
 67-68.0m.

63.75m.
 UPPER SKARN UNIT.
 GARNET, EPIDOTE, DIOPSIDE SKARN.
 FRESH TO PARTIALLY WEATHERED.
 LITTLE SOOTY IRON IMPREGNATIONS,
 WITH MAGNETITE BECOMING MORE
 PREVALENT TOWARDS BOTTOM OF RUN
 67.0-68.69m.

CONTRACTOR MINTIRE MINES (PTY) LTD
 CORE NX
 CASING NX (6.09m)

71.0-72.30 - EXTENSIVE
 RED-ORANGE FLUORESCENCE.

65.69m. TRANSITIONAL / GRADATIONAL CONTACT.
 TRANSITIONAL MARBLE UNIT.
 ALTERED METAMORPHOSSED (PAGREUS/AN
 UNIT,
 NARROW ST/RT RUN
 BROWNISH HOMOGENEOUS MEDIUM
 TEXTURED BROWNISH SANDSTONE.
 70.80-71.30.
 EPIDOTIZATION MORE PREVALENT TO
 BASE OF RUN

72.40-78.0 - LARGE CRYSTALS
 1.5-30mm of FRESH WHITE
 SIDERITE. >1.0% JU

72.40m.
 LOWER SKARN UNIT
 72.40-75.10 - EPIDOTISED SKARN.
 HARD CRYSTALLINE, WITH
 LITTLE MAGNETITE CONTENT.

LOGGED BY CHW. DATE 12 NOV 1983.
 STARTED 25 OCT 1982.
 FINISHED 10 NOV 1982

50

55

60

65

70

027

70 028

| SCALE 1:100 | | | | LENGTH <u>91.41m</u> NORTHING <u>7718.7</u> | | M'INTYRE MINES (AUST.) PTY. LTD. EXPLORATION DEPARTMENT | | | |
|-------------------------------|------------|---------|------------|---|---------|--|---------|---|---------------------------------------|
| % CORE RECOVERY | CORE SPLIT | FEATURE | | FRACTURING | BEDDING | GEOLOGY | MINERAL | AZIMUTH <u>94°</u> EASTING <u>7826.7</u> | |
| | | MINERAL | PERCENTAGE | | | | | DIP AT COLLAR <u>7° E</u> ELEVATION <u>429.2</u> | HOLE No <u>330</u> PAGE/OF <u>4/4</u> |
| LOCATION <u>LOCATION 2.5.</u> | | | | | | | | PROJECT <u>KARA.</u> | |
| 72.25 | | 10 | 0.22% | | | | | MINERALISATION | |
| 100 | | 10 | 0.55% | | | | | 74.84-76.56 0.5-1cm crystals of DISPERSED SKELETT 0.6-0.4% wt. | |
| 76.43 | | 10 | 0.52% | | | Tm | | 76.56-78.00 - FBT 0.20% wt. SMALL CRYSTALS-SPECS OF DISPERSED SKELETT. | |
| 100 | | 10 | 0.17% | | | | | 80.0-82.0 - 0.4% wt. wt. FINE DISSEMINATIONS + SPECS (80.80-80.90 - 1% GRAN) | |
| 51.66 | | 10 | 0.18% | | | | | 82.33m | |
| 93.42 | | 10 | 0.18% | | | | | ARENACEOUS UNIT | |
| 83.20 | | 100 | 100 | | | | | GREY, FINE GRAINED ARENACEOUS UNIT (SANDSTONE) BLOCKY, WELL JOINTED. WEATHERED ON JOINTS. EPIDOTISATION COMMON, AND LITTLE PYRITISATION ON FRACTURES. | |
| 83.20 | | | | | | SO | | NIL | |
| 84.11 | 100 | | | | | | | 87.75m | |
| 84.41 | | | | | | | | GRANITE | |
| 84.71 | | | | | | | | 87.75-90.0m - MEDIUM TO COARSE GRAINED GREENISH GREEN GRANITE. WEATHERED ON FRACTURES. EPIDOTISATION COMMON | |
| 85.31 | | | | | | | | 90.10-91.41 - PINK, MASSIVE HOMOGENEOUS GRANITE. | |
| 100 | | | | | | Gf | | EOH 91.41m. | |
| 86.23 | | | | | | | | | |
| 93.4 | | | | | | | | | |
| 87.35 | | | | | | | | | |
| 100 | | | | | | | | | |
| 89.58 | | | | | | | | | |
| 100 | | | | | | | | | |
| 91.41 | | | | | | | | | |

| | |
|-----------------|-------------------------------|
| ANGLE READ | |
| ANGLE CORRECTED | |
| AZIMUTH | |
| DEPTH | |
| SURVEY | P.O.A. |
| CONTRACTOR | M'INTYRE MINES (P. M'CORMACK) |
| CORE | NX |
| CASING | NX (6.09m) |

LOGGED BY CHW DATE 12 NOV 1982
 STARTED 25 OCT 1982
 FINISHED 10 NOV 1982