

Diamond Drill Log

SUNCOI

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|------------|----------|----------|-------------------|----------|--|-----------|----------|
| Prospect: | SUNSHINE | Hole No: | SUNCOI | Northing | | Azimuth | 124° Mag |
| Date: | 16/04/07 | Grid: | GDA94z55 | Easting | | Dip | -70 |
| Geologist: | TODD H | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|--------------|--------------|-----------|--|-------------|------|-----|-------|-------|
| 0 | 3.45 | | Po | gray clay to ~ 1m then brown clays - possibly fill strongly limonitic from acidic sulphide decomposition | | | | | |
| 3.45 | 4.95 | void void | | TOTAL CORE LOSS - VOID POSSIBLY OLD WORKINGS | | | | | |
| 4.95 | 6.45 | | Po | Variable friable brown clays - goethitic with shreds of galena and weathered/decomposed sphalerite and cubic pyrite fresh. | gl, sph, py | | | | |
| 6.45 | 10.2 | | Po | Brown goethitic clays - friable mud strengthening to solid clay - strongly pyritic 10-20% with traces of galena and shreds of golden sphalerite | | | | | |
| 10.2 | 14.8 15.5 | | Po | Variable grey clays containing fine grained galena, pyrite & sphalerite with small 10cm section of massive galena & sphalerite / sulphides. All clays friable / soft grainy. | | | | | |
| 15.5 | 17.0 | | Posh | Grey - black clays after black shale - shiny vitreous - graphitic? | | | | | |
| 17.0 | 18.4 | | Po | Quartz carbonate stockwork vuggy with grey clays minor sulphides | | | | | |
| 18.4 | 19.3 | | Po | Sulphidic clays and massive galena / sphalerite core with vuggy sulphide veins | | | | | |

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| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
| Reviewed by: | Todd Hibberd | Print Date: | 09/04/07 |
| Approved by: | Todd Hibberd | THIS DOCUMENT IS VALID FOR 7 DAYS FROM THE DATE OF PRINT | |

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Diamond Drill Log

SUN002



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|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | SUN002 | Northing | | Azimuth | |
| Date: | 18/04/2007 | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GREG L | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 0 | 0.9 | | Po | QTZ & SHALE RUBBLE FROM OLD WORKINGS | | | | | |
| 0.9 | 4.40 | | Pos | PYRITIC GREY CLAYS, GALENA CHIPS 1-2mm, ANGULAR QTZ CHIPS 2-5mm. | | | | | |
| 4.40 | 4.60 | | Pos | ANGULAR TO SUB-ROUNDED QTZ CHIPS + SHALE (≤ 5mm) cemented by a weakly pyritic grey clay. | | | | | |
| 4.60 | 6.0 | | Pos | QTZ & CARBONATE STOCKWORK in a GREY SILICIFIED SILTSTONE | | | | | |
| 6.0 | 7.50 | | Pos | SILICIFIED GREY SILTSTONE, SOME QTZ STOCKWORK | | | | | |
| 7.50 | 12.0 | | Pos | DARK GREY SILICIFIED SHALE, GREY-GREEN PHYLLITE, SILICIFIED SILTSTONE (GREY) WITH SOME QTZ STOCKWORK. QTZ GRAINS STAINED RED WITH FE OXIDES (?) | | | | | |
| 12.0 | 12.30 | | Pos | DARK GREY ^{CLAY} SHALE , 1-2mm CHIPS OF QTZ, WEAKLY SULPHIDIC. | | | | | |
| 12.30 | 12.80 | | Pos | DARK GREY CLAY, 1-2mm CHIPS QTZ, WEAKLY SULPHIDIC, - right | | | | | |
| | 13.25 | | Pos | way up. | | | | | |
| 13.25 | 13.40 | | Pos | GREY-GREEN PHYLLITE RUBBLE, QTZ-FINED VUGS. PIECES ≤ 50mm in size | | | | | |
| 13.40 | 13.65 | | Pos | HIGHLY SILICIFIED fine grained grey rock. Possible slickensided broken surface across drill hole. | | | | | |
| 13.65 | 13.80 | | Pos | PALE GREY RUBBLE OF QTZ WITH very fine pyrite incls disseminated through pale grey clay. | | | | | |
| 13.80 | 60.0 | | Posh | Finely laminated, graphitic black shale, slump features, folding (both open and tightly closed), commonly striated with slickensided ^{fracture} surfaces, sporadically QTZ-veined. Laminations are black & white. GRADES INTO A GREY/GREEN PHYLLITE (QTZ-veined) at ~56.00 metres E.O.H. 60 metres | | | | | |

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Diamond Drill Log

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|------------|----------|----------|----------|----------|--|-----------|----|
| Prospect: | SUNSHINE | Hole No: | SUN003 | Northing | | Azimuth | |
| Date: | 17/04/07 | Grid: | GDA94z55 | Easting | | Dip | -- |
| Geologist: | TODD H | BOCO (m) | 8.0 | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 0.7 | | Po | Rubble and Fill with chips of rock associated to the old workings. | | | | | |
| 0.7 | 3.10 | | Pom | Weakly sulphidic grey clays and friable coarse sandstone/grit with subangular quartz and shale chips to 2mm rare 5mm sandstone poorly indurated consists mainly of siltstone/shale fragments - weathered | | | | | |
| 3.10 | 4.0 | | Pom | Coarse grained conglomerate up to 10mm chips grading into fine grained sand/clay pale brown/grey trace py. | | | | | |
| 4.0 | 6.8 | | Pom | As ABOVE with brown clays - coarse grained sandstone up to 10mm chips of shales/slates (phyllites) Rock fragments strongly sheared = s/s quartzose after weathered. | | | | | |
| 6.8 | 8.0 | | Pom | Fine grained sandstone composed of quartz & phyllite fragments - highly friable - sand - coarsening with depth = right way up. | | | | | |
| 8.0 | 11.0 | | Pom | Grey phyllitic siltstone - foliated with silvery mica's on foliation planes - brown siltstone matrix variable quartz fragments and hard s/s sections, variable sulphides | | | | | |



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|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | SUNSHINE | Hole No: | SUN003 | Northing | | Azimuth | |
| Date: | 16/04/07 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | TODD | BOCO (m) | | TOFR (m) | | Water (m) | |

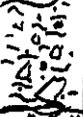
| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|------|-------------|-----------|--|----------|------|-----|-------|-------|
| 11.0 | 11.2 | | Po | Massive carbonate stockwork mineralized with sphalerite and galena + sulphides pyrite | | | | | |
| 11.2 | 13.8 | | Pom | Grey sulphidic clays with carbonate stockwork veins variable quartz chips in siltstone/sandstone matrix | | | | | |
| 13.8 | 14.3 | | Po | stockwork carbonate vein - minor sulphides. | | | | | |
| 14.3 | 17.2 | | Pom | variable weakly indurated to completely friable sand stone - strongly sulphidic small 5-10cm sections of carbonate stockwork | | | | | |
| 17.2 | 17.5 | | Po | Massive carbonate stockwork with 8cm core of galena / sphalerite vein | | | | | |
| 17.5 | 20.0 | VOID | | TOTAL CORE LOSS | | | | | |
| 20.0 | 22.4 | | Po | ~ 1.8m core loss - remaining material massive carbonate stockwork with small 1cm veins of sphalerite / galena | | | | | |
| 22.4 | 25.0 | | Pos | Dark grey sulphidic shale? sand stone mainly clays with bands of pyrite and small sections of stockwork | | | | | |
| 25 | 26.6 | VOID | | CORE LOSS 25-26.60 | | | | | |
| 26.6 | 26.8 | | Pos | AS ABOVE + sulphidic shale + quartz fragments | | | | | |

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|------------|--------------|----------|----------|----------|--|-----------|--|
| Prospect: | SUNSHINE 005 | Hole No: | SUN 005 | Northing | | Azimuth | |
| Date: | 18/04/07 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GREG. L. | BOCO (m) | | TOFR (m) | | Water (m) | |

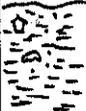
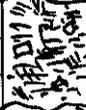
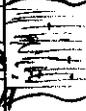
| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-----------------|-----------------|---|-----------|--|----------|------|-----|-------|-------|
| 1.50 | 2.40 |  | Po | QTZ RUBBLE, CLAY, WOOD, CLAY CORE LOSS 2.40 → 3.90 | | | | | |
| 3.90 | 4.60 |  | Po | FIBROUS WOOD PIECES, QTZ RUBBLE QTZ + Fe STAINING, BROWN CLAY | | | | | |
| 4.60 | 5.0 |  | Po | GREY CLAY, WOOD FIBRES, SMALL (<2mm) PERHAPS OF QTZ/CARBONATE. | | | | | |
| 5.0 | 5.40 |  | Po | GREY CLAY + QTZ CHIPS, RIGHT WAY UP | | | | | |
| 5.40 | 6.25 |  | Pom | PALE GREY CLAY & SAND. WOOD Fragments at top. QTZ PIECES ARE ANGULAR, SIZE INCREASES DOWN- HOLE → RIGHT WAY UP. | | | | | |
| 6.25 | 8.10 |  | Pom | QTZ SANDS, PALE GREY CLAY SUPPORTERS. QTZ GRAIN SIZE HIGHLY VARIABLE (FINE + COARSE) | | | | | |
| 8.10 | 8.40 |  | Pom | QTZ SAND GRAINS INCREASING IN SIZE → RIGHT WAY UP PALE GREY-BROWN CLAY BECOMING CONSOLIDATED. | | | | | |
| 8.50 | 10.35 |  | Po | PALE BROWN PHYLITIC CLAY, FLAKES BECOMING LARGER DOWN HOLE → RIGHT WAY UP(?). | | | | | |
| 10.35 | 11.50 |  | Po | WELL-BEDDED BROWN PHYLITIC CLAY. FLAKE SIZE VARIABLE FINE ± COARSE. | | | | | |
| 11.50 | 12.40 |  | CzCy | BROWN PHYLITIC CLAY, VARIABLE BEDDING GEOMETRY. | | | | | |
| 18.80 | 18.90 |  | Pom | Fine-grained sandstone | | | | | |
| 18.90 | 20.40 |  | Po | PALE BROWN PHYLITIC CLAY, SOME SMALL (<2mm) QTZ CHIPS AT 19.50 | | | | | |
| 20.40 | 22.90 |  | Po | PALE BROWN PHYLITIC CLAY, SOME QTZ CHIPS (1-3mm) AT 22.90 | | | | | |
| 22.90 | 24.0 |  | Po | PALE BROWN PHYLITIC (SMALL FLAKES) CLAY ± QTZ CHIPS (<2mm). | | | | | |
| 24.0 | 24.0 |  | Pom | PALE BROWN PHYLITIC CLAY/SAND PALE BROWN PHYLITIC CLAY | | | | | |
| 24.0 | 26.10 |  | Pom | PALE BROWN PHYLITIC CLAY BEDDING DISRUPTED. | | | | | |

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|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | SUNSHINE | Hole No: | SUN 005 | Northing | | Azimuth | |
| Date: | 18/04/07 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GREG C | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|---|-----------|--|----------|------|-----|-------|-------|
| 26.10 | 27.0 |  | POM | Fine grained phyllic brown clay + small QTZ chips + QTZ sand. | | | | | |
| 27.0 | 27.7 |  | POM | Fine grained, semi-consolidated QTZ sandstone with grey/brown clay matrix. Some recrystallization. | | | | | |
| 27.0 | 28.3 |  | POM | Grey, poorly sorted, partially recrystallized QTZ sandstone + small amount pyrites. | | | | | |
| 28.3 | 28.7 |  | PO | Pale grey/white mudstone, QTZ chips (sub-rounded to angular & fully terminated. Graded right side up (?)). | | | | | |
| 28.7 | 29.6 |  | POM | Angular, sub-rounded and fully terminated QTZ in a grey silt matrix sandstone. | | | | | |
| 29.6 | 31.95 |  | POM | QTZ sandstone, poorly sorted angular to subrounded fragments supported in a dark clay matrix. | | | | | |
| 31.95 | 33.6 |  | POS | Grey mudstone containing white altered clasts of phyllite (?). | | | | | |
| 33.6 | 37.35 |  | Posh | Black shale with white altered phyllite (?) bands + pyrites + small (<1mm) terminated xtals of QTZ + broken QTZ xtals. | | | | | |
| 37.35 | 39.0 |  | PO | Black mud, white clay blebs of altered (feldspar?) + QTZ xtals. Galena at 38.90 metres. | | | | | |
| 39.0 | 39.9 |  | PO | Black pyritic, carbonaceous mudstone/clay pug with some galena xtals. Inverse grading (?). | | | | | |
| 39.9 | 42.0 |  | POS | Black pyritic mudstone/clay pug with galena xtals. | | | | | |
| 42.0 | 42.75 |  | PO | Black pyritic mudstone pug, sulphide xtals (small numerous). | | | | | |
| 42.45 | 42.75 |  | PO | Brown/grey mic clay. Some small (<1mm) xtals of pyrite. | | | | | |

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|------------|-----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | 5nd 005 | Northing | | Azimuth | |
| Date: | 18/4/2007 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | LEAN S. | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 45.41 | 45.50 | | Po | PALE GREY QTZ-VEINED MUDSTONE | | | | | |
| 45.50 | 45.90 | | Pos | PALE GREY SLTSTONE, small (<1mm) disseminated sulphide x tals. | | | | | |
| 45.90 | 47.10 | | Po | Pale brown/grey rubble, Qtz, carbonate, small amount pyrites. | | | | | |
| 47.10 | 47.10 | | | | | | | | |
| 47.10 | 47.23 | | Pos | PALE GREY RUBBLE OF SHALE + Pyrites. | | | | | |
| 47.23 | 64.40 | | PosH | Qtz-veined black shales intercalated with sequences of grey/green phyllite (Qtz-veined) and black graphitic, Qtz-veined, shales. Folding intensity increases with depth. | | | | | |
| 64.40 | 67.70 | | PosH | Brown, fine Qtz sand, intercalated with Qtz-veined graphitic black shale rubble and coherent core sections of Qtz-veined grey/green phyllite. | | | | | |
| 67.70 | 82.20 | | PosH | Black graphitic shale, tightly folded in places, Qtz-veined mostly following bedding, some cross-cutting laminae, intercalated with short (<1.5 metres) lengths of pale green/grey phyllite (tightly folded) containing Qtz veining as in black graphitic shale. | | | | | |
| | | | | C.O.H. 82.20 metres. 81.95 | | | | | |

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Diamond Drill Log

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|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sum 007 | Northing | | Azimuth | |
| Date: | 25/4/07 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GREG L. | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0.0 | 8.60 | | Po | Brown pug, sulphides, small ant galena ± sphalerite, QZ CHIPS, | | | | | |
| 8.60 | 9.20 | | Po | Gray clay pug, sulphides, possible small amount sphalerite visible. | | | | | |
| 9.20 | 11.90 | | Pom | Rubble & clay mix. Brown to gray. Siliceous sandstone, fine QZ veining + v. fine pyrite disseminations. | | | | | |
| | 13.70 | | Po | Pebbly, grey clay rubble with small pieces (<1mm) black shale ± sphalerite pieces. | | | | | |
| | 14.15 | | Pom | Siliceous rubble of fine-grained sandstone, some sphalerite veining (v. fine veins) + sulphides. | | | | | |
| 14.15 | 20.90 | | Pom | Fine sand with chips (<2mm) of QZ, carbonate, pyrite and sphalerite + siliceous dark-coloured shale. | | | | | |
| 19.50 | 22.60 | | Pos | Siliceous siltstone rubble, locally graphitic black intercalated shales & light grey phyllite. Very fine banding laminations in siltstone cross-cut by fine QZ veining. Black shales become more prevalent with depth. QZ veining increases in size with depth. Shaley in parts → shearing? Sand reported at 36.20 metres. | | | | | |
| 22.60 | 37.70 | | Pos | | | | | | |

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|------------|-----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sud 007 | Northing | | Azimuth | |
| Date: | 25/4/2007 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GREG L | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|--------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 37.20 | 43.62 | | Posh | GRAPHITIC BLACK SHALE, FOLDING QTZ veining Parallel to and also cross-cutting bedding. also QTZ-FILLED VOIDS (at 42.0 m) xtals fully terminated. GRADATIONAL CHANGE TO DARK BLACK/GREEN Phyllite at 46.m | | | | | |
| 43.62 | 48.65 | | P0 | DARK BLACK/GREEN PHYLLITE, very fine laminations QTZ veining finer and less pronounced | | | | | |
| 48.65 | 104 | | Posh | BLACK GRAPHITIC SHALES, very finely laminated, QTZ veining both to parallel to bedding as well as cross-cutting bedding. 30cms of QTZ vein at 79.60 metres. | | | | | |
| 104.00 | | | QTZ | | | | | | |
| | | | | E.O.H. 104.00 metres | | | | | |

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|------------|-----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshie | Hole No: | Sun 008 | Northing | | Azimuth | |
| Date: | 23/4/2007 | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GREG L. | BOCO (m) | | TOFR (m) | | Water (m) | |

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|-------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 0.0 | 1.90 | | Po | Rubble fill from previous mining. Sand, quartz. | | | | | |
| 1.90 | 2.90 | | Po | Pale grey clay + chips (2m) quartz & phyllite (?). | | | | | |
| 2.90 | 3.60 | | Po | Pale grey/white quartz rubble. Pieces ≤ 6 cm. | | | | | |
| 3.60 | 4.30 | | PoM | QUARTZ SAND + CHIPS GREY PHYLLITE, BLACK SHALE. | | | | | |
| 4.30 | 5.0 | | PoSD | CARBONATE (?) rubble, white, pieces ≤ 8 cm. | | | | | |
| 5.0 | 8.10 | | Po | Fine sand, Qtz + rust brown spots of (Fe-staining?) from sulphide weathering? | | | | | |
| 8.10 | 8.20 | | PoSD | CARBONATE rubble - pale grey/white (≤ 4 cm). | | | | | |
| 8.20 | 10.7 | | Po | Fine pale grey/brown sand. Small amount of Qtz + carbonate rubble at 9.15m. | | | | | |
| 10.7 | 19.0 | | Po | Black pug, finely disseminated pyrites (FeS?) + small amount galena. Pyrite amount increases down-hole. | | | | | |
| 19.0 | 19.20 | | Po | CARBONATE (?) rubble. | | | | | |
| 19.20 | 20.60 | | Po | Black pug, some fine pyrites disseminated throughout. | | | | | |
| 20.60 | 21.50 | | PoM | Fine to coarse grained, grey pyritic quartz sand. Changes into black pug at 21.40 cm (pug 10 cm long only). | | | | | |

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| Approved by: | Todd Hibberd | THIS DOCUMENT IS VALID FOR 7 DAYS FROM THE DATE OF PRINT | |

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Diamond Drill Log

| | | | | | | | |
|------------|-----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | SUN 009 | Northing | | Azimuth | |
| Date: | 23/4/2007 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GREG L. | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------------------|------------------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 8.80 | | Pos | GREY CLAYS (PYRITIC?). | | | | | |
| 8.80 | 9.95 | | Pos | PALE GREY/BROWN CLAY. | | | | | |
| 9.95 | 12.90 | | Pos | PALE GREY CLAY, WEAKLY PYRITIC, SOME SMALL CHIPS OF QUARTZ (< 2mm). | | | | | |
| 12.90 | 17.05 | | Pos | DARK GREY DARK GREY CLAY, Pyrite amounts increasing, small chips (< 2mm) QUARTZ. | | | | | |
| 17.05 | 17.15 | | Pos | GREY CLAY + SHALE + QUARTZ CHIPS. | | | | | |
| 17.15 | 17.15 | | Pos | PALE GREY CLAY + CHIPS OF QUARTZ + CARBONATE + shaly grey shale. | | | | | |
| 17.15 | 19.30 | | Pou | PALE WHITE/GREY CARBONATE(?). RUBBLE, COATED WITH PALE CLAY. | | | | | |
| 19.30 | 21.90 | | Pou | Finely laminated phyllite (pale white/grey colour), altering to clay. Some folding evident. | | | | | |
| 21.90 | 24.40 | | Pou | Altered phyllite, folding evident. Pale grey colour. Mix of rubble and solid core. | | | | | |
| 24.40 | 26.95 | | Pou | Rubble + core -> carbonate. Some white veining -> more carbonate. Pale white/grey | | | | | |
| 26.95 | 28.00 | | Posh | Black clayey chips of graphitic shale, QUARTZ & phyllite. | | | | | |

leave out.

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RC DRILL LOG

SUN010

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|----------|
| Prospect: | Sunshine | Hole No: | Sun10 | Northing | | Azimuth | |
| Date: | 11/07/07 | Grid: | GDA94255 | Easting | | Dip | Vertical |
| Geologist: | G.R.L. | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|-------------------------------------|----------|------|-----|--------|--------|------|
| 0 | 1 | Pos | Black slate + white Qtz | | | | | | |
| 2 | 3 | | + pyrites | FeS | | | | | |
| 4 | 5 | | + grey Qtz, zero pyrites | | | | | | |
| | | | " " " | | | | | | |
| | | | " " " | | | | | | |
| 8 | 9 | | " " + galena | Pb Ag | | | | | |
| 9 | 10 | Pos | Highly silicified black slate + Qtz | | | | | | |
| | | | " " " | | | | | | |
| 11 | 12 | | " " " | | | | | | |
| | | | " " " | | | | | | |
| | | | " " " | | | | | | |
| 50 | 51 | Pos | Mostly black slate, little Qtz | | | | | | |
| 51 | 52 | | + carbonate (?) + galena | Pb Ag | | | | | |
| 52 | 53 | | black slate + white Qtz | | | | | | |
| 53 | 54 | | Black slate + white Qtz | | | | | | |
| 54 | 55 | | " " . Zero Qtz | | | | | | |
| 55 | 56 | Pos | black slate + white Qtz | | | | | | |
| | | | " " " " | | | | | | |
| | | | " " " " | | | | | | |
| 58 | 59 | | black slate, white Qtz + pyrite | FeS | | | | | |
| 59 | 60 | Pos | black slate + white Qtz | | | | | | |
| | | | E.O.H. 60 metres | | | | | | |

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ATTENTION: MIKE COWIN

From: GREG LEAR
STONEHENGE METALS



STONEHENGE METALS LIMITED

Diamond Drill Log

| | | | | | | | |
|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 11 | Northing | | Azimuth | |
| Date: | 21/12/2007 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | G. LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|------|-------------|-----------|---|----------|------|-----|-------|-------|
| 0 | 7m | | | Disturbed ground - QTZ, brown mud/silt, Fe gossan | | | | | |
| 7.0 | 7.5 | | | Brown clay/mud | | | | | |
| 7.5 | 18.0 | | | Fe-rich, weathered vuggy dolomite. QTZ (white) at base. | | | | | |
| 18.0 | 24.5 | | | White QTZ + Fe-stained dolomite (siliceous). | | | | | |
| 24.5 | 31.0 | | | 'Vuggy' siliceous Fe-rich, grading down to pale white/brown dolomite. | | | | | |
| 31.0 | 33.0 | | | Mix of QTZ + pale brown siliceous dolomite rubble. | | | | | |
| | | | | Brown mud. | | | | | |
| 33.0 | 36.0 | | | Contact between black sheared shale & carbonaceous grey-coloured siliceous siltstone. | FeS | | | | |
| 36.0 | 37.5 | | | | | | | | |
| 37.5 | 54.0 | | | Black sheared shales, intercalated with sequences of pale grey siliceous carbonaceous siltstones. | | | | | |
| 54.0 | 81.0 | | | Pale white, grey & black finely laminated, siliceous siltstones. | | | | | |
| | | | | E.O.H. 8 metres | | | | | |

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Diamond Drill Log

SUN012

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshrie | Hole No: | SUN 12 | Northing | | Azimuth | |
| Date: | 6/11/07 | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRLEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 2.9m | | | Broken pieces of white Qtz rubble cemented by Fe -> gossan | | | | | |
| 2.9 | 3.0 | | | Core of brown silt-supported fine Qtz chips (white Qtz) | | | | | |
| 3.0 | 6.0 | | | Gossanous Fe-oxide (yellow-brown) rubble. | | | | | |
| 6.0 | 7.5 | | | Pale white "chalky" core | | | | | |
| 7.5 | 24.0 | | | Fe-oxide stained gossanous rubble -> originally dolomite(?) most probably DONAH F# very vuggy. | | | | | |
| 24.0 | 30.8 | | | white Qtz rubble. ≤ 50mm in size. | | | | | |
| 30.8 | 33.0 | | | Pale grey-coloured mud/silt rubble white blotches | | | | | |
| 33.0 | 42.1m | | | Yellow 'ochre' ferruginous rubble + grey mud/silt pieces + white Qtz(?) | | | | | |
| 42.1 | 48.0 | | | Grey mud rubble | | | | | |
| 48.0 | 57.1 | | | ferruginous the weathered dolomite (vuggy!) red/brown in colour. Some pieces intact core. | | | | | |
| 57.1 | 57.2 | | | Fe-cemented fine sand grains -> rubble. | | | | | |
| 57.2 | 58.5 | | | light grey-coloured mud/silt | | | | | |
| 58.5 | 58.6 | | | white Qtz rubble ≤ 75mm in size | | | | | |

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|--------------|--------------|--|----------|
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RC DRILL LOG

| | | | | | | | |
|------------|--------------|----------|----------|----------|--|-----------|----------|
| Prospect: | Sunshine | Hole No: | Sun013 | Northing | | Azimuth | |
| Date: | 12 July 2007 | Grid: | GDA94z55 | Easting | | Dip | Vertical |
| Geologist: | G. LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|---|----------|------|-----|--------|--------|------|
| 0 | 4 | Qcv | Disturbed ground. Road base fill. | | | | | | |
| 4 | 5 | lom | Fe-oxide-stained white & grey Qtz + rust-brown red clay ± carbonate. Poor recovery. | | | | | | 25/0 |
| | | | ↓ | | | | | | |
| 10 | 11 | lom | Mostly red-brown clay + Fe-oxide stained ore. | | | | | | |
| 11 | 12 | lom | Fe-stained sandstone. | | | | | | 25/0 |
| 12 | 13 | " | Fe-stained sandstone | | | | | | |
| 13 | 14 | " | Qtz (white & grey) pyrites + grey clay. | | | | | | |
| 14 | 20 | " | grey/blue Qtz, + pyrites + galena. | Pb/Zn | | | | | |
| 23 | 24 | log | As above + galena increasing | Pb/Zn | | | | | |
| 24 | 25 | log | white + grey Qtz, grey silt, zero galena. | | | | | | |
| 25 | 26 | pos | black silt/white Qtz | | | | | | |
| 26 | 27 | pos | ↓ | | | | | | |
| 30 | 31 | pos | + Pyrite (small amount). | FeS? | | | | | |
| 32 | 33 | pos | black silt + white Qtz (50:50) + pyrites | FeS? | | | | | |
| | 41 | | E.O.H. | | | | | | |

AS FOR 14-20 →

| | | | |
|--------------|--------------|--|----------|
| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
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Diamond Drill Log

| | | | | | | | |
|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 14 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | C. R. LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 4.5 | | | Pale grey/white, and yellow/brown clays. | | | | | |
| 4.5 | 15.0 | | | Fe-rich gossanous highly weathered dolomite? rubble. Red/brown colour. | | | | | |
| 15.0 | 18.3 | | | Red/brown clay. | | | | | |
| 18.3 | 21.0 | | | Red/brown/black gossanous highly altered dolomite(?). | | | | | |
| 21.0 | 25.7 | | | Pale yellow/brown clay. | | | | | |
| 25.7 | 27.8 | | | Pale pink dolomite vugs scattered throughout. | | | | | |
| 27.8 | 31.25 | | | Gossanous Fe-rich red-brown dolomite. | | | | | |
| 31.25 | 43.5 | | | Light grey-coloured siliceous (carbonaceous?) siltstone. Vugs scattered throughout; folding/shear features, carbonate veining syndepositional to bedding. | | | | | |
| 43.5 | 45.8 | | | Sheared black shales | | | | | |
| 45.8 | 48.5 | | | Pale grey siliceous siltstone QZ2 veining crossing laminae | | | | | |
| 48.5 | 93.0 | | | Pale grey siliceous (carbonaceous?) siltstone, intercalated by black-sheared shales. Extensive slump features (micro folding in siltstone which is 'ugly' in places. | | | | | |

E.O.H. 93 m

| | | | |
|--------------|--------------|--|----------|
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Diamond Drill Log

| | | | | | | | |
|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | SUNSHINE | Hole No: | Sun up | Northing | | Azimuth | |
| Date: | 24/10/2007 | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GR LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|------|------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 6 | | | Pale white/brown clay/silt | | | | | |
| 6 | 15 | | | Brown ferruginous highly-weathered dolomite(?) | | | | | |
| 15 | 20.1 | | | " " " " + more highly weathered to a brown/red soil | | | | | |
| 21 | 25.0 | | | Brown-grey mud, intercalated with pieces of white QTZ | | | | | |
| 26.6 | 27.9 | | | Pale pink/white/brown dolomite (Bosah?). | | | | | |
| 27.9 | 31.1 | | | Brown weathered dolomite | | | | | |
| 31.1 | | | | Pale grey/black shales, tightly folded, QTZ veined throughout, intercalated with finely laminated, pale-grey siltstone + carbonate veining veining with possible brown/gold travertine or carbonate veins | | | | | |
| | 73.0 | | | | | | | | |
| | 93.0 | | | E.O.H | | | | | |

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RC DRILL LOG

SUN015

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 15 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRL | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|---|----------|------|-----|--------|--------|------|
| 0 | 1 | Pos | Pale white + grey Qtz + black slate | | | | | | |
| | | " | " " " " | | | | | | |
| 9 | 10 | " | " " " " | | | | | | |
| 10 | 11 | " | " " " " | | | | | | |
| 11 | 12 | " | + black pug ? | | | | | | |
| 12 | 13 | " | " " " " | | | | | | |
| 13 | 14 | Posb | " " " + sulphides | FeS | | | | | |
| 14 | 15 | " | + Sulphides increasing | FeS | | | | | |
| 15 | 16 | " | " " | | | | | | |
| 16 | 17 | " | " " | | | | | | |
| 17 | 18 | Pos | Pale yellow/brown carbonaceous (?) siltstone (?) clay | | | | | | |
| 18 | 19 | Pos | + black pug(?) | | | | | | |
| 19 | 20 | Pos | Pale yellow/brown clay or carbonaceous siltstone | | | | | | |
| 20 | 21 | Posc | As above + clear Qtz & pale grey/white sandstone | | | | | | |
| 21 | 22 | Posc | Yellow/brown pug (?) | | | | | | |
| 22 | 23 | Posq | Pale, white Qtz | | | | | | |
| 23 | 24 | Posq | Brown/white Qtz sandstone | | | | | | |
| | | | | | | | | | |
| 26 | 27 | Posu | " " " + pyrites | FeS | | | | | |
| 27 | 28 | Posb | Black pug(?) + white Qtz sandstone | | | | | | |
| 28 | 29 | Posb | Black pug(?) + white/grey Qtz + grey slate | | | | | | |
| 29 | 30 | Posb | Black pug(?) + grey/white Qtz | | | | | | |
| 30 | 31 | " | " " | | | | | | |
| 31 | 32 | Posb | As above + galena | Pb Ag | | | | | |
| | | | | | | | | | |
| 34 | 35 | Posb | Grey + white Qtz + black slate | | | | | | |
| | | | | | | | | | |
| 37 | 38 | Posb | As above + pale white Qtz sandstone | | | | | | |
| | | | | | | | | | |
| 39 | 40 | Posb | Black slate, white Qtz + white Qtz sandstone | | | | | | |
| | | | | | | | | | |
| 40 | 41 | " | " E.O.H. " | | | | | | |

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Diamond Drill Log SUN016

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 16 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRLEA | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 0 | 2.9 | | | Brown mud. | | | | | |
| 2.9 | 3.0 | | | Rubble/core of highly weathered dolomite? Very vuggy | | | | | |
| 3.0 | 4.5 | | | Fine-grained sand/silt. | | | | | |
| 4.5 | 4.9 | | | White clayey rubble. | | | | | |
| 4.9 | 5.0 | | | Highly ferruginous core of iron-stone(?). | | | | | |
| 5.0 | 6.0 | | | Red-brown sand-sized sediment | | | | | |
| 6.0 | 6.5 | | | Ferruginous/gossan rubble grey sand. | | | | | |
| 6.5 | 9.5 | | | Highly weathered ferruginous clay | | | | | |
| 9.5 | 10.5 | | | Fine grey Qtz sand. | | | | | |
| 10.5 | 16.0 | | | Qtz rubble - vein? | | | | | |
| 16.0 | 16.20 | | | Fine grey Qtz sand. | | | | | |
| 16.20 | 21.0 | | | Qtz rubble + brown mud. | | | | | |
| 21.0 | 23.5 | | | Fine brown/grey Qtz sand. | | | | | |
| 23.5 | 24.0 | | | Qtz core - vein? | | | | | |
| 24.0 | 24.15 | | | Brown sand/silt/mud cemented Qtz chips/rubble (phallic?). | | | | | |
| 24.15 | 25.0 | | | Pale brown/grey Qtz silt. | | | | | |
| 25.0 | 30.0 | | | | | | | | |

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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 16 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G R LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 30.0 | 30.75 | | | Brown sand/silt/mud cemented quartz chips/rubble + core of quartz (vein?) + highly weathered phyllite? | | | | | |
| 30.75 | 33.0 | | | Brown/grey fine quartz sand | | | | | |
| 33.0 | 33.35 | | | Highly ferruginous black/brown sediments -> goethite. | | | | | |
| 33.35 | 36.0 | | | Fine brown quartz silt/sand | | | | | |
| 36.0 | 37.9 | | | Fe-rich mud-cemented sediment (quartz + Fe-stones) | | | | | |
| 37.9 | 39.0 | | | Pale white/yellow dolomite core. | | | | | |
| 39.0 | 40.0 | | | Fe-rich mud cemented sediment (quartz + Fe-stones + dolomite core & rubble). | | | | | |
| 40.0 | 40.5 | | | Grey quartz sand/silt. | | | | | |
| 40.5 | 42.5 | | | Fe-rich mud cemented sediment (quartz + dolomite) | | | | | |
| 42.5 | 43.6 | | | Fine brown/grey sand/silt. | | | | | |
| 43.6 | 44.95 | | | Grey/white mud. | | | | | |
| 44.95 | 45.0 | | | Core of dolomite. | | | | | |
| 45.0 | 45.20 | | | Dolomite/quartz rubble | | | | | |
| 45.20 | 51.0 | | | Grey/white silt/sand. | | | | | |
| 51.0 | 51.25 | | | Clear white + red/brown Fe-stained dolomite rubble | | | | | |

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|--------------|--------------|--|----------|
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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | SUN 16 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRL | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 51.25 | 52.80 | | | Grey/white Qtz silt/sand. | | | | | |
| 52.80 | 53.0 | | | Fe-stained, ferruginous, highly weathered dolomite. | | | | | |
| 53.0 | 56.5 | | | Fine grey white Qtz silt/sand. | | | | | |
| 56.5 | 59.0 | | | Fe-stained, ferruginous, highly weathered dolomite rubble. | | | | | |
| | | | | E.O.H. 59.m. | | | | | |

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|--------------|--------------|--|----------|
| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
| Reviewed by: | Todd Hibberd | Print Date: | 12/09/07 |
| Approved by: | Todd Hibberd | THIS DOCUMENT IS VALID FOR 7 DAYS FROM THE DATE OF PRINT | |

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RC DRILL LOG

| | | | | | | | |
|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | SUN 17 | Northing | | Azimuth | |
| Date: | 31/8/2007 | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | C. R. LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|--|----------|-----------------|-----|--------|--------|------|
| 1 | 2 | PoqC | Pale grey siliceous siltstone + gravel | Qtz | | | | | |
| 2 | 2 | " | " " " + s/late | | | | | | |
| 2 | 3 | " | clay + u + white/grey Qtz | | | | | | |
| 3 | 4 | PoqC | Pale grey siliceous siltstone + Qtz + clay | | | | | | |
| 4 | 5 | " | " " " " " " | | | | | | 0% |
| 5 | 6 | PoqC | Pale grey siliceous siltstone | | | | | | |
| 6 | 7 | " | " " " " + Qtz | | | | | | |
| 7 | 8 | " | " " " " " " | | | | | | |
| 8 | 9 | " | Clay + pale grey siliceous siltstone + Qtz | | | | | | |
| 9 | 10 | " | " " " " + Qtz rubble | | | | | | |
| 10 | 11 | " | Clay + pale grey wide Qtz + siliceous siltstone. | | | | | | |
| 11 | 12 | " | " " " " " " | | | | | | |
| 12 | 13 | " | Clay + " " " " | | | | | | |
| 13 | 14 | " | Clay + Qtz + siliceous siltstone | | | | | | |
| 14 | 15 | " | wide grey Qtz, clay + small rounded black = slate, siliceous siltstone (pale wide) | | | | | | |
| 15 | 16 | " | Clay + " " " " | | | | | | |
| 16 | 17 | " | " " " " " " | | | | | | |
| 17 | 18 | " | " " " " " " | | | | | | |
| 18 | 19 | " | " " " " " " | | | | | | |
| 19 | 20 | " | " " " " " " | | | | | | |
| 20 | 21 | " | " " + black slate pieces. | | | | | | |
| 21 | 22 | " | " " " " " " | | | | | | |
| 22 | 23 | " | Clay + pale grey siliceous siltstone | | | | | | |
| 23 | 24 | " | " " " " " " | | | | | | |
| 24 | 25 | " | Clay + white/grey Qtz + black + white (foliated) highly siliceous rock (2 pieces) | | | | | | |
| 25 | 26 | " | grey Qtz Breccia(?) + white Qtz | | Sbx | | | | |
| 26 | 27 | " | PALE GREY SANDSTONE + white Qtz | | | | | | |
| 27 | 28 | " | Fe-stained(?) brown clay + grey silt + white Qtz | | | | | | |
| 28 | 29 | " | CHOCOLATE BROWN CLAY + Fe-STAINED(?) SANDSTONE | | | | | | |
| 29 | 30 | Posb | Black (part) clay, Purities, dark Qtz Fe-staining | | Fe, FeS? Pb Ag? | | | | |
| 30 | 31 | PoqC | Pale grey white Fe-stained(?) sandstone + dark brown/black clay + siliceous | | Pb Ag | | | | |
| 31 | 32 | " | grey silt Qtz, FeS, black clay | | FeS | | | | |
| 32 | 33 | PoqC | grey sandstone, smooth black | | Fe | | | | |

37 38 Mineral < 1mm in size E.O.H. 38m

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| Prepared by: | Todd Hibberd | To Be Reviewed: | |
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Diamond Drill Log

| | | | | | | | |
|------------|------------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 18 | Northing | | Azimuth | |
| Date: | 25/10/2007 | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GR LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 1.5 | | | Rubble from road | | | | | |
| 1.5 | 4.5 | | | Pale white mud + small piece wood. | | | | | |
| 4.5 | 6.0 | | | wood (plants, small shrubs!) + Some pale white/grey silt | | | | | |
| 6.0 | 41.80 | | | Fine sand/silt (from stream bed in swamp. White/brown) | | | | | |
| 41.80 | 42 | | | iron oxide supported QTZ pieces + broken piece galena + wood + 50mm core of dark grey heavy rock (Zn/ore ??) | | | | | |
| 42 | 52.5 | | | pale grey/white phyllite rubble Fe staining on fracture surfaces. One piece (50mm) of white (massive) QTZ at 52.5m - has Fe-staining. QTZ is opaque. | Fe | | | | |
| 52.5 | 55 | | | grey shale | | | | | |
| 55 | 55.2 | | | " " + QTZ (as above) | | | | | |
| | 56.5 | | | + small QTZ vein (" ") | | | | | |
| 56.5 | 57.3 | | | Shale changes to finely laminated pale-grey massive shale + PbAg showing tight folding & brecciation Sphalerite & galena common in this core section. | ZnS | | | | |
| 57.3 | 57.3 | | | Pale grey massive silicified shale (→ phyllite) intercalated with carbonate (veining that is tightly fold and/or brecciated. Pale yellow/brown surface alteration to travertine (?). | | | | | |
| 68.3 | 69.8 | | | Carbonaceous grey/black shale becoming vuggy. Shearing | | | | | |
| | 82.5 | | | Massive (silicified?) in places | | | | | |

E.O.H. 82.5m.

| | | | |
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57.3 → 68.3

RC DRILL LOG

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 19 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94255 | Easting | | Dip | |
| Geologist: | GRL | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|--|----------|------|-----|--------|--------|------|
| 0 | 1 | Pou | Coarse white Qtz, small amount black slate | | | | | | |
| 1 | 2 | " | " " " | | | | | | |
| 2 | 3 | " | nil recovery | | | | | | |
| 3 | 4 | " | Grey/black slate | | | | | | |
| ↓ | | | " " " | | | | | | |
| 5 | 6 | Posb | Finely laminated, siliceous siltstone (white) + (black) phyllite (?) | | | | | | |
| ↓ | | | " " " | | | | | | |
| 12 | 13 | Pou | white + grey Qtz | | | | | | |
| 13 | 14 | " | pale grey phyllite + black pug (???) | | | | | | |
| 14 | 15 | " | Black pug (???) + black/white Qtz. | | | | | | |
| 15 | 16 | Pogc | Brown Fe (?) coated Qtz + white sandstone + possible white carbonate. | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| 17 | 18 | " | " " " " | | | | | | |
| 18 | 19 | " | brown (Fe?) stained white Qtz + pyrite | FeS | | | | | |
| 19 | 20 | " | " " " + galena | + PbAg | | | | | |
| 20 | 21 | " | " " " + sphalerite (?) | ZnS | | | | | |
| ↓ | | " | + pyrites | FeS | | | | | |
| 22 | 23 | Pou | " " " " | | | | | | |
| 23 | 24 | Pogc | Black slate, white Qtz + pyrites | FeS | | | | | |
| 24 | 25 | " | Black slate + phyllite + white Qtz | | | | | | |
| 25 | 26 | " | white Qtz | | | | | | |
| ↓ | | | " " " | | | | | | |
| 27 | 28 | Pou | white Qtz + phyllite | | | | | | |
| 28 | 29 | Posb | Black slate, white Qtz + sphalerite (?) | ZnS | | | | | |
| 29 | 30 | Posb | Black slate, white Qtz + black pug (?) | | | | | | |
| 30 | 31 | Posb | white Qtz + black pug (?) small piece of timber → possible druse or stone? | | | | | | |
| | | | E.O.H. 31 m | | | | | | |

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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 20 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | CIRLEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 15 | | | Pale white/grey silt/sand | | | | | |
| 15 | → | | | Piece of ten tree(?) wood. | | | | | |
| 15.0 | 21.0 | | | Pale grey/white silt/sand. | | | | | |
| 15 | 21.0 | | | | | | | | |
| 21.0 | 23.0 | | | Brown - to Pale brown highly weathered (phyllite?) + scattered pieces of t-tree. | | | | | |
| 23.0 | 24.0 | | | Pale white/brown clay/sandy | | | | | |
| 24.0 | 25.5 | | | Silvery brown/black, highly weathered (phyllite?) | | | | | |
| 25.5 | 27.0 | | | Pale white/grey fine sand/silt. | | | | | |
| 27.0 | 28.5 | | | Pale white/yellow, highly weathered (phyllite?) rubble/siliceous | | | | | |
| 28.5 | 30.7 | | | Pale grey/rust/white sand/silt. | | | | | |
| 30.7 | 31.4 | | | Pale white silvery highly-weathered (phyllite?) | | | | | |
| 31.4 | 32.5 | | | Pale grey/white sand/silt. | | | | | |
| 32.5 | 33.3 | | | Pale silvery highly weathered phyllite. | | | | | |
| 33.3 | 36.0 | | | Pale white/grey silt/sand | | | | | |
| 36.0 | 36.70 | | | Broken rubble of white Qtz + siltstone (siliceous) | | | | | |
| 36.70 | 39.0 | | | Pale grey/white silt/v.fine sand | | | | | |
| 39.0 | 39.7 | | | Core of highly weathered pale white phyllite. | | | | | |
| 39.7 | 45.0 | | | Pale grey/white sand/silt. | | | | | |

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| Version No: | 1.0 |
| Issue Date: | October 2006 |
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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 20 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G R LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 45.0 | 46.5 | | | Pale white, highly weathered phyllite - rubble. | | | | | |
| 46.5 | 48.0 | | | Pale white/grey silt/sand. | | | | | |
| 48.0 | 49.25 | | | Pale white/grey highly weathered phyllite. | | | | | |
| 49.25 | 51.0 | | | Pale white/grey silt/sand. | | | | | |
| 51.0 | 52.25 | | | Pale white/grey highly weathered phyllite. | | | | | |
| 52.25 | 54.0 | | | Pale white/grey silt/sand. | | | | | |
| | | | | E.O.H. 54m. | | | | | |

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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 21 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRLEA | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|---|-----------|--|----------|------|-----|-------|-------|
| 0 | 3 |  | | Brown mud rubble + sand (ore). | | | | | |
| 3 | 15 |  | | Brown, fine-grained quartz sand + silt. | | | | | |
| 15 | 15.25 |  | | White quartz rubble vein? | | | | | |
| 15.25 | 17.0 |  | | Brown sandy silt. | | | | | |
| 17.0 | 17.25 |  | | Dark brown, highly weathered phyllite (?) | | | | | |
| 17.25 | 19.25 |  | | Light brown quartz sand. | | | | | |
| 19.25 | 21.0 |  | | Mix of white quartz rubble & brown-stained phyllite + silt. | | | | | |
| 21.0 | 23.10 |  | | White, clayey mud. | | | | | |
| 23.10 | 29.30 |  | | Brown sandy silt + intercalated with white, clayey phyllite. | | | | | |
| 29.30 | 45 |  | | Pale grey/brown sand/silt. | | | | | |
| | | | | E.O.H. 45 MT. | | | | | |

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Diamond Drill Log

| | | | | | | | |
|------------|-----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 22 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G.R. Lear | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|--|----------|------|-----|-------|-------|
| 0 | 5.75 | | | Fine, angular QTZ Sand (white). | | | | | |
| 5.75 | 30.0 | | | Fine angular white QTZ Sand, brown-stained sand. | | | | | |
| 30.0 | 30.05 | | | QTZ rubble (white) vein? | | | | | |
| 30.05 | 36.0 | | | Brown silt/sand. | | | | | |
| 36.0 | 36.25 | | | white QTZ rubble -> vein? | | | | | |
| 36.25 | 48.0 | | | Brown silt/sand (QTZ). | | | | | |
| 48.0 | 48.3 | | | Wide QTZ rubble -> vein? | | | | | |
| 48.3 | 51.0 | | | Fine brown/white QTZ (angular). | | | | | |
| 51.0 | 51.8 | | | Mix of wide QTZ rubble -> vein? and white clay. | | | | | |
| 51.8 | 54.0 | | | Fine white QTZ sand. | | | | | |
| 54.0 | 54.75 | | | Pale white weathered phyllite? pieces. | | | | | |
| 54.75 | 57.0 | | | Very fine QTZ sand (wind blown?) | | | | | |
| 57.0 | 57.3 | | | Angular QTZ rubble (white QTZ) | | | | | |
| 57.3 | 60.0 | | | Fine white QTZ Sand. | | | | | |
| 60.0 | 60.5 | | | Weathered white phyllite + white clay. | | | | | |
| 60.5 | 63.0 | | | Fine white QTZ Sand. | | | | | |
| 63.0 | 63.5 | | | Fine white weathered phyllite + QTZ sand. | | | | | |

6.25 -> 48.0

| | | | |
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RC DRILL LOG

| | | | | | | | |
|------------|-----------|----------|----------|----------|--|-----------|----------------|
| Prospect: | Sunshine | Hole No: | Sun 26 | Northing | | Azimuth | 130(9) 118 (M) |
| Date: | 13/7/2007 | Grid: | GDA94255 | Easting | | Dip | -60 |
| Geologist: | G.R. Lea | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Rock Code | Geology Description | Minerals | Text | Alt | Sulp % | Sulp % | %Rec |
|------|----|-----------|---|----------|------|-----|--------|--------|------|
| 0 | 1 | QCV | Contaminated fill. QTZ + slate | | | | | | |
| 1 | 2 | Posb | QTZ + black slate + pyrites. | | | | | | |
| 2 | 3 | " | QTZ + slate (black) ± sphalerite? | ZnS (?) | | | | | |
| 5 | 6 | " | Black & white QTZ + black slate + sulphides | FeS (?) | | | | | |
| 6 | 7 | " | Grey/white QTZ + black slate + pyrite | " | | | | | |
| 9 | 10 | " | " " " " " " + increasing amount of pyrites | FeS (?) | | | | | |
| 10 | 11 | " | brown/red stained slate (?) + QTZ. | | | | | | |
| 11 | 12 | " | black slate | | | | | | |
| 14 | 16 | " | black slate + white QTZ. | | | | | | |
| 16 | 17 | " | black slate | | | | | | |
| 17 | 18 | " | " " | | | | | | |
| 18 | 19 | " | black slate + white QTZ | | | | | | |
| 19 | 20 | " | " " " " | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| 39 | 40 | " | " " " " | | | | | | |
| 41 | 42 | " | | | | | | | |
| 43 | 44 | " | mostly black slate. Small amt QTZ (white). | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| ↓ | | " | " " " " | | | | | | |
| 59 | 60 | Posb | E.O.H. | | | | | | |

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Diamond Drill Log

| | | | | | | | |
|------------|----------|----------|----------|----------|--|-----------|--|
| Prospect: | Sunshine | Hole No: | Sun 28 | Northing | | Azimuth | |
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GRLEA | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|-------|-------|-------------|-----------|---|----------|------|-----|-------|-------|
| 0 | 0.3 | | | Brown/red (Fe-oxides) weathered carbonate-rich rock + OOLITH Dolomite + QTZ rubble ? ver? | | | | | |
| 0.3 | 9.0 | | | Brown QTZ, mud/silt/sand. | | | | | |
| 9.0 | 9.25 | | | Brown/red weathered dolomite(?) core. | | | | | |
| 9.25 | 12.0 | | | Brown QTZ, mud/silt/sand | | | | | |
| 12.0 | 12.25 | | | Brown/red weathered dolomite (?) core. | | | | | |
| 12.25 | 15.0 | | | Brown QTZ mud/silt/sand | | | | | |
| 15.0 | 15.25 | | | Relatively unweathered dolomite core. | | | | | |
| 15.25 | 33.0 | | | Brown mud/silt/sand | | | | | |
| 33.0 | 33.25 | | | Core of dolomite (white/pink) | | | | | |
| 33.25 | 42.0 | | | Brown mud/silt/sand. | | | | | |
| 42.0 | 44.9 | | | Core of dolomite + brown silt/sand/mud + QTZ rubble. | | | | | |
| 44.9 | 48.0 | | | Brown mud/silt/sand. | | | | | |
| 48.0 | 59.80 | | | Pale brown sand/silt. | | | | | |
| 59.80 | 60.0 | | | Gossanous Fe-oxide siliceous core/rubble - vuggy. | | | | | |
| | | | | E.O.H. Gonzalez | | | | | |

Folding?
 in section - thing?
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