# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 1 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | 11/11/2007 | 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 | 1.5 | | | QTZ rubble (white) + black shale - surface disturbed adjacent to old mine workings. | | | | | |
| 1.5 | 2.0 | | | Pieces of black shale & silicified grey siltstone. | | | | | |
| 2.0 | 4.6 | | | Pale grey siltstone. QTZ-veined Some en-echelon veining. | | | | | |
| 4.6 | 9.0 | | | Pale grey siltstone, intercalated with black shale, tightly folded, carbonate (?) veining - vuggy in places. | | | | | |
| 9.0 | 12.0 | | | Coarse QTZ rich sandstone, brown-grey silt matrix - ~~immature~~ well sorted ~~bad~~ with angular to sub-angular QTZ. | | | | | |
| 12 | 13.6 | | | Pale grey to black ~~siltstone~~ ~~shale~~. Contains small galena crystals in places. | Ag Pb. | | | | |
| 13.6 | 22.45 | | | Fine grained, mature QTZ rich sandstone, intercalated by some thin, coarser immature units of sandstone. | | | | | |
| 22.45 | 25.0 | | | Transition to grey, poorly-sorted wacke (greywacke?) matrix composed of QTZ, siltstone, dark shale + calcareous siltstone(?) pieces. The Matrix is highly variable from well rounded to angular. | | | | | |
| | | | | 25.0. E.O.H. | | | | | |

| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
|---|---|---|---|
| Reviewed by: | Todd Hibberd | Print Date: | 10/11/07 |
| Approved by: | Todd Hibberd | THIS DOCUMENT IS VALID FOR 7 DAYS FROM THE DATE OF PRINT | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 1 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | 9/11/2007 | 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 | 2.9 | | | Pale grey siliceous shale, mostly massive, intercalated with friable, black shale. | | | | | |
| | | | | | | | | | |
| | 4.7 | | | | | | | | |
| 2.9 | ~~4.0~~ | QZT | | Massive ~~grey~~ grey & black shale + carbonaceous veining (brecciated + QTZ veining as above). | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 4.7 | 6.0 | | | GREY/Brown carbonaceous shale, some silicification. | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 6.0 | 9.0 | | | friable grey BRECCIATED, SILICIFIED CARBONATE(?) shale | | | | | |
| | | | | | | | | | |
| 9.0 | 12 | | | Transition to fine-grained brown sandstone/siltstone - very friable, rubble. | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 12 | 13.5 | | | More massive grey/brown fine grained sandstone to coarse grained (~~turbidite~~ quartz wacke) moderately sorted, graded bedding at 13.6 m | Ag Pb. | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | ~~13.6~~ | | D | | | | | | |
| ~~13.6~~ | ~~25.0~~ | | | poorly to | | | | | |
| 13.5 | ~~25.0~~ | | | Moderately-sorted fine → coarse grained grey/brown sandstone | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ~~22.0~~ | ~~25.0~~ | | | ~~[redacted]~~ | | | | | |
| 22.0 | 25.0 | | | Poorly sorted, carbonate-rich (silicified) ~~turbidite~~ grey wacke (?) grey-brown (shale, mainly QTZ, CHERT appears mud-supported- | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | E.O.H. 25.0 m. | | | | | |
| | | | | | | | | | |
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| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
|---|---|---|---|
| Reviewed by: | Todd Hibberd | Print Date: | 07/11/07 |
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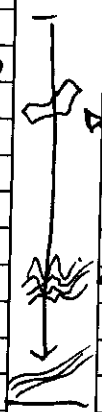
# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swansea2 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GR Leake | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 2.3 |  | | Fine grained siliceous ~~sandstone~~ to siltstone Carbonate rubble at start of hole mixed in will siliceous siltstone. | | | | | |
| 2.3 | 22.0 |  | | Carbonaceous grey siltstone, intercalated with black shale Carbonate veining at 7.5m→8m. Some folding (slump feature?) at 17.5m. Shearing at 19.8m on polished shale surfaces. | | | | | |
| | | | | E.O.H. 22m | | | | | |

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

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 3 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | 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 | 1.9 | | | Iron gossan rubble. Red-brown in colour. | | | | | |
| 1.9 | 3.0 | | | 100 mm core of QTZ carbonate breccia (bleach/white). Some galena visible on the carbonate. | Pb Ag | | | | |
| 3.0 | 4.5 | | | Pale pink QUARTZITE rubble | | | | | |
| 4.5 | 10.5 | | | Rust-brown QTZ silt* intercalated with iron oxide weathered conglomerate rubble Brown silt - | | | | | |
| 10.5 | 11.9 | | | Angular to sub-rounded Fe-oxide & green (glauconite?) rubble | | | | | |
| 11.9 | 12.0 | | | + Fe-stained QUARTZITE rubble + green-stained (fuschite? glauconite) meta-sandstone rubble. (angular) | | | | | |
| 12.9 | 13.5 | | | | | | | | |
| 13.5 | 18.0 | | | + QTZ CHIPS | | | | | |
| ~~18.0~~ | ~~18.0~~ | | | Pale grey/pink/green rubble of siliceous meta-sediments. | | | | | |
| 18.0 | 24.5 | | | fine grained grey sandstone, finely laminated and brecciated (post brecciation carbonate veining. Fe-oxides on fracture surfaces. intercalated with black shale (shearing surfaces) | | | | | |

18.0 > 24.5

* All silt was collected from the return water outlet.

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

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 3 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | 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% |
|---|---|---|---|---|---|---|---|---|---|
| 24.5 | 25.0 | | | Chert, QTZ + shale conglomerate (medium-grained) clast-supported. Vuggy ↑. possible loss of weathered carbonate. E.O.H .25.0m. Fining upwards. | | | | | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 4 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | 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 | | | Semi-consolidated pale brown sandstone. Particles sub-rounded, rounded & angular. Mud matrix. red-brown | Ag | | | | |
| ~~1.5~~ | ~~2.5~~ | | | | | | | | |
| 1.5 | 2.5 | | | As above, grain size increasing → fining upwards sequence. Mud matrix. Grey. | | | | | |
| 2.5 | 3.5 | | | Clast-support (QTZ) Brown Sandstone/conglomerate. | | | | | |
| 3.5 | 11.0. | | | Pale grey/red silt collected from return water flow of drill. Provenance unknown. | | | | | |
| 11 | 18 | | | As above, change to iron-oxide stained QTZ silt. Some larger particles ≤ 5 mm. towards base. | | | | | |
| 18 | 19 | | | Red sandstone rubble. Clast supported. Red QTZ silt lower 75 cm. | | | | | |
| 19 | 19.5 | | | Fe-stained QTZ conglomerate. Clast supported. Clasts | | | | | |
| | | | Wacke | rounded to sub-rounded. QTZ vein transects core LR | | | | | |
| 19.5 | 23.9 | | | Brown-red fe-stained QTZ | | | | | |
| | | | Wacke | silt intercalated with Fe-stained QTZ conglomerate (as above). | | | | | |
| 23.9 | 24 | | Wacke | Fe-stained QTZ-rich conglomerate grain size highly variable. | | | | | |
| 24 | 26.2 | | wacke | Brown QTZ silt intercalated | | | | | |
| | | | | with two sections (~15cm each) | | | | | |
| | | | wacke | of Fe-stained QTZ-rich conglomerate (as above). | | | | | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 4 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GR LEAR | BOCO (m) | | TOFR (m) | | Water (m) | |

Dip towards

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| | | | | GREY siltstone, foliated by fine white QTZ(?) particles. En-echelon QTZ-filled tension gashes. Fe-stained fracture surfaces. QTZ-filled openings larger down-hole. | | | | | |
| 26.2 | 32.5 | | | | | | | | |
| 32.5 | 35.9 | | | Grey siltstone rubble. | | | | | |
| 35.9 | 39.5 | | | Pale grey immature conglomerate. Clast-supported QTZ, + grey siltstone/sandstone. Carbonates on fracture surfaces. Carbonate veining. | | | | | |
| 39.5 | 40.6 | | | Fine to medium-grained grey QTZ sandstone. Some fine carbonate veining. Clast supported (QTZ). | | | | | |
| 40.6 | 42.3 | | | Carbonate veined, fine grained sandstone/siltstone breccia. | | | | | |
| 42.3 | 52.5 | | | Fine grained sandstone/siltstone (grey). Intercalated with finely-laminated grey siltstone pieces at sites of brecciation. Carbonate breccia at 50m → 50.25m. Carbonate-filled tension gashes ~ 25cm long - at 51m → 52.5m. | | | | | |
| | | | | E.O.H. 52.5m. | | | | | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea 5 | Hole No: | Swan 5 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | 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 | 1.5 | | | GREY GRIT, BROWN WEATHERING ON FRACTURE SURFACES → MUD MATRIX ? | | | | | |
| 1.5 | 1.55 | | | QTZ (SOLID ∴ VEIN). | | | | | |
| 1.55 | 8.35 | | | GREY GRIT, (COARSENING UPWARDS ~~SEQUENCE~~ UNIT) TO VERY FINE-GRAINED GREY SANDSTONE. | | | | | |
| 8.35 | 10.4 | | | BLACK SHALE | | | | | |
| 10.4 | 13.5 | | | FINE-GRAINED GREY/BROWN GRIT INTERCALATED WITH BLACK SHALE RUBBLE. | | | | | |
| 13.5 | 13.9 | | | BLACK SHALE | | | | | |
| 13.9 | 15.0 | | | FINE-GRAINED GREY BROWN SANDSTONE/GRIT. | | | | | |
| 15.0 | 19.5 | | | GREY CONGLOMERATE - MEDIUM GRAINED ≤ 1cm CLASTS OF MAINLY QTZ, ALSO CHERT (GREY) AND BLACK ROCK CHIPS (BASALT?). CLAST-SUPPORTED. | | | | | |
| 19.5 | 21.0 | | | FINE-GRAINED SAND, POORLY SORTED (ANGULAR TO SUB-ROUNDED) PALE GREY/BROWN COLOURED. | | | | | |
| ~~21.0~~ | ~~21.20~~ | | | PALE GREY SILT-SUPPORTED RUBBLE OF QTZ, + CHERT + HEMATITE CHIPS (PINK/GREY COLOURED) | | | | | |
| 21.0 | ~~21.20~~ 22.5 | | | | | | | | |
| ~~21.2~~ | | | | HEMATITE-RED FINE-GRAINED SANDSTONE RUBBLE | | | | | |
| 22.5 | 23.0 | | | | | | | | |
| 23.0 | 23.9 | | | FINE-GRAINED HEMATITE-COATED QTZ SAND. | | | | | |

# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swan 5 | Hole No: | Swan 5 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | 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% |
|---|---|---|---|---|---|---|---|---|---|
| | | | | qtz-rich, medium to coarse | | | | | |
| 23.9 | 24.0 | | | grained sandstone (pale grey) | | | | | |
| | | | | | | | | | |
| 24.0 | 25.5 | | | fine grained qtz-rich sand | | | | | |
| | | | | + slate + hematite. | | | | | |
| | | | | | | | | | |
| | | | | E.O.H. 25.5 m. | | | | | |

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

STONEHENGE METALS LIMITED

| Prospect: | SWANSEA | Hole No: | SWANK 5B | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G RUEGER | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0.5 | | | GREY/BROWN MUDSTONE well-cleaved. | | | | | |
| 0.5 | 1.0 | | | GREY/BROWN fine-grained grit intercalated from 1.0 to 1.5m | | | | | |
| 1.0 | 1.5 | | | with coarser grained conglomerate (QTZ + shale). | | | | | |
| 1.5 | 4.5 | | | | | | | | |
| 4.5 | 14.9 | | | GREY SHALE, finely laminated. | | | | | |
| 14.9 | 16.0 | | | Fine-grained grey/brown grit-stone. Contact with black shale at 16.0m. | | | | | |
| 16.0 | 16.5 | | | Black shale | | | | | |
| 16.5 | 30.0 | | | Medium grained conglomerate, grain size >1mm 30mm. Poorly sorted, grains angular to rounded. QTZ (predominantly) + black shale ± chert (grey) Clast supported, possible also carbonaceous (GREY/BLACK) | | | | | |
| | | | | 30.0m E.O.H. | | | | | |

fining downwards

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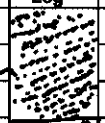
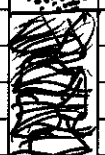
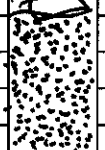
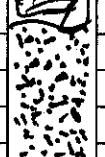
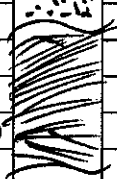
# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | SWAN SEA | Hole No: | Swan 6 | 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 | 6.0 |  | | Finely laminated grey/brown siltstone. GRADED BEDDING ⇒ TURBIDITE. | | | | | |
| 6.0 | 15.0 |  | | Finely laminated grey shale | | | | | |
| 15.0 | 16.0 |  | | Very fine grained grey qtz grit. | | | | | |
| 16.0 | 18.5 |  | | Finely laminated grey shale | | | | | |
| 18.5 | 19.6 |  | | Finely laminated, very fine grained (qtz predominant) brown/grey grit. | | | | | |
| 19.6 | 36.0 |  | | Finely laminated black shale. | | | | | |
| | | | | E.O.H. 36.0 metres | | | | | |

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

STONEHENGE METALS LIMITED

| Prospect: | SWANSEA | Hole No: | SWAN 7 | 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 | 18.7 | | | Black shales, finely laminated intercalated with fine pale brown sandstone. Sheared at 8.75 metres. Laminations almost parallel to core axis. | | | | | |
| 18.7 | 21.5 | | | Fine black silt. | | | | | |
| 21.5 | 21.9 | | | Finely laminated black shale rubble. | | | | | |
| 21.9 | 22.0 | | | GREY SILT. | | | | | |
| 22.0 | 22.5 | | | GREY SHALE (rubble) & GREEN mineral on some surfaces at 22.4 m (glauconite? chlorite?) | | | | | |
| 22.5 | 24.3 | | | Fine, "salt & pepper" coloured sand grains. | | | | | |
| 24.3 | 24.7 | | | Fine-grained yellow ± green sandstone (glauconite?) rubble | | | | | |
| 24.7 | 25.5 | | | Fine "salt & pepper" coloured sand. Small amount of black shale (contamination?). | | | | | |
| 25.5 | ~~25.5~~ ~~30.0~~ 29.6 | | | Yellow sandstone rubble, intercalated with fine, "salt & pepper" coloured sand | | | | | |
| 29.6 | 30.0 | | | Yellow conglomerate, green (glauconite?) in places. QTZ rubble at 29.8 metres + Siliceous black shale. 30.0 metres E.O.H. | | | | | |

| Prepared by: | Todd Hibberd | To Be Reviewed: | 12 |
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| Reviewed by: | Todd Hibberd | Print Date: | 12/09/07 |
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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 8 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G REAR | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 3 | | | Highly weathered, pale white to grey finely laminated siltstones & shales. | | | | | |
| 3 | 22.5 | | | Black shales, finely laminated Shearing evident at ~17.5m. | | | | | |
| 22.5 | 25.5 | | | Siliceous grey/black mudstones. Vuggy in places (possibly carbonaceous), some silicification. Finely laminated Pyrites at 22.4 metres | FeS. | | | | |
| 25.5 | 26 | | | Pale grey-brown conglomerate of weathered phyllite (?) + grey shale & QTZ grains as clasts in a silt matrix. | | | | | |
| 26 | 34. | | | Grey silt collected from return water flow, intercalated with broken rubble of grey shale at 31.5m → 32.0 metres & 33.0m → 34.0 metres | | | | | |
| 34 | 36.5 | | | Grey-brown silt collected from return water flow. | | | | | |
| 36.5 | 37.5 | | | Pale grey silt. | | | | | |
| 37.5 | 38 | | | Pale yellow sandstone & grey shale breccia. | | | | | |
| 38 | 39 | | | Pale grey siltstone. | | | | | |
| 39 | 39.5 | | | Pale yellow sandstone/grey shale ~~breccia~~/conglomerate. | | | | | |
| 39.5 | 40.5 | | | Pale grey siltstone & yellow ~~of?~~ sandstone conglomerate. | | | | | |
| 40.5 | 41 | | | + grey silt. (Juvenile wacke of granitic composition) | | | | | |

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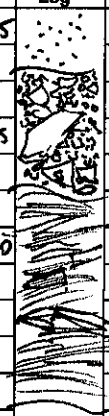
# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 8 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | G R L. | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 41 | 41.5 |  | | Grey SWA. | | | | | |
| | | | | | | | | | |
| | | | | Juvenile wacke of granitic | | | | | |
| 41.5 | 42.5 | | | composition. Pale yellow, QTZ- | | | | | |
| | | | | rich. | | | | | |
| | | | | | | | | | |
| 42.5 | 50.0 | | | Finely laminated grey | | | | | |
| | | | | mudstone. Siliceous | | | | | |
| | | | | intercalations. | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | E.O.H. 50 MT. | | | | | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | Swansea | Hole No: | Swan 10 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | GR Leam | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 21.4 | 22.0 | | | GREY SHALE | | | | | |
| 22.0 | 25.6 | | | Fine-grained pale grey grit composed of QTZ + some black shale. Shale (drop-stones?) at 23.0 m. | | | | | |
| 25.6 | 26.5 | | | Pale grey shale contact with fine-grained grey/white grit at 26.0 m. Contact at ~60° to core axis. | | | | | |
| 26.5 | 32.6 | | | Finely laminated grey sandstone intercalated with grey shale | | | | | |
| 32.6 | 36.0 | | | +/- pyrites ± galena + small black crystals at 32.6, 33.0 & 34.0 metres | FeS, PbAg +? | | | | |
| 36.0 | 41.5 | | | Fine-grained pale grey sandstone intercalated by grey shale. Sandstone contains some (sparse) inclusions of highly angular black shale pieces. | | | | | |
| 41.5 | 41.7 | | | 20 cm section of silicified black shale, carbonate breccia veined + chalcopyrite & galena | PbAg | | | | |
| 41.7 | 50.0 | | | Fine-grained, pale grey sandstone, intercalated with grey shale, sheared in places. Contains folded & disrupted carbonate veining. (breccia) | | | | | |
| | | | | E.O.H. 50.0 m. | | | | | |

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# Diamond Drill Log

STONEHENGE METALS LIMITED

| Prospect: | SWANSEA | Hole No: | SWAN10 | Northing | | Azimuth | |
|---|---|---|---|---|---|---|---|
| Date: | | Grid: | GDA94z55 | Easting | | Dip | |
| Geologist: | | BOCO (m) | | TOFR (m) | | Water (m) | |

| From | To | Graphic Log | Rock Code | Geology Description | Minerals | Text | Alt | Sulp% | Sulp% |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.0 | | | Fine grained angular sand composed of QTZ, black shale ± chert. | | | | | |
| 3.0 | 3.1 | | | Silicified black shale ± fine QTZ veining (rubble?). | | | | | |
| 3.1 | 9.6 | | | Fine angular sand (QTZ + black shale). | | | | | |
| 9.6 | 9.7 | | | QTZ + black mudstone | | | | | |
| 9.7 | 10.4 | | | Fine, angular sand (QTZ + black shale + chert. | | | | | |
| 10.4 | 11.8 | | | Rubble of finely laminated black shale + grey grit. | | | | | |
| 11.8 | 12.5 | | | Fine sand (QTZ + chert + black shale) | | | | | |
| 12.5 | 13.5 | | | Fissile black shale intercalated with siliceous chert-rich breccia at 13.0. | | | | | |
| 13.5 | 16.5 | | | Black shale intercalated at 13.7m & 14.6m with grey siltstone (finely laminated). Laminations offset by (normal?) faulting & folds. Bedding planes of siltstone almost parallel with core axis. | | | | | |
| 16.5 | 19.4 | | | GREY SILICEOUS siltstone, finely laminated, intercalated by black shale | | | | | |
| 19.4 | 21.4 | | | Very fine-grained grey QTZ sandstone. | | | | | |

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