

| ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD. | | | DIAMOND DRILL CORE RECORD | | | | HOLE No. DDH CHP 266 | | | | | |
|--|------|---|--|--|----------------------------|---|----------------------|-------------------|-----|-----------|-------------------|-----|
| MINERAL RESOURCES DIVISION - TASMANIA | | | | | | | SHEET No. 1. | | | | | |
| PROJECT: MT. BLACK J.V. E.L. 1/62 | | | GRID CO-ORDS: | | HOLE SIZE: 0-19 Tricone | | Depth (m) | Azimuth (°a.m.g.) | Dip | Depth (m) | Azimuth (°a.m.g.) | Dip |
| LOCALITY: Colebrook | | | A.M.G. CO-ORDS: 5,370,773mN 375,651mE | | 19-73.7 NQ 73.7-196m BQ | | 79 | 084.5 | -41 | | | |
| OBJECTIVE: To test EM anomalies on a favourable contact and to test the down dip of a rock chip Sn anomaly. | | | COLLAR R.L.: 319m | | CASING: 196m of 40mm UPVC | | 118 | 074.5 | -40 | | | |
| RESULT: Sn mineralisation is restricted to narrow fracture controlled veins Best value 2.5m @ 847 ppm Sn E.M. responses appear due to barren pyritic mudstones | | | COLLAR DIP: -45° | | COMMENCED: 2nd June, 1984 | | 157 | 091 | -38 | | | |
| | | | AZIMUTH: 087° AMG | | COMPLETED: 10th June, 1984 | | 196 | 090.5 | -36 | | | |
| | | | TOTAL DEPTH: 196m | | LOGGED BY: I.R. McDonald | | | | | | | |
| DEPTH | | ROCK DESCRIPTION | MINERALISATION | | | | CORE REC'D | | | | | |
| From | To | | | | | | Run | Short | | | | |
| 0 | 19 | No core - Tricone bit. | | | | | | | | | | |
| 19 | 22.5 | Orange-brown strongly oxidised, manganese oxide stained Argillaceous Siltstone. Lower contact slightly irregular 50° | | | | | 19.0 | | | | | |
| 22.5 | 22.8 | Dark grey to black Siltstone and fg Wacke. Weak bedding 40-60°. Lower contact irregular. | | | | Pyrite 5% as mg disseminations and fg syngenetic bands | 20.5 | 0.9 | | | | |
| 22.8 | 25.9 | Oxidised Argillaceous Siltstone as per 19.0-22.5 | | | | | 21.1 | +0.2 | | | | |
| 25.9 | 28.0 | As above with patchily less oxidised sections of dark grey Siltstone and grey fg Arenite. Variable oxidation gives a breccia texture appearance which may be original. Core very broken. Contacts gradational. | | | | | 23.0 | | | | | |
| 28.0 | 40.8 | Generally broken, variably oxidised, ferruginous stained core. Rock is mostly similar. Pale grey to dark grey Argillaceous Siltstone to fg Sandstone with rare greenish grey fg Lithic Sandstone. Core very broken. Larger pieces show variable oxidation pseudobreccia as per 25.9-28.0. Slump brecciated interbeds of more siliceous fg Sandstone occur at 29.2 Manganese oxide staining on joints. | | | | | 25.0 | +0.1 | | | | |
| | | 32.9-33.0 Grey Siltstone and black Mudstone ?bedded at 75° | | | | | 26.2 | 0.2 | | | | |
| | | 33.0-33.8 Core very broken | | | | | 27.4 | 0.4 | | | | |
| | | 34.0-34.4 Strong breccia with clasts of f-mg Quartz Wacke | | | | | 28.4 | 0.2 | | | | |
| | | 34.4-34.8 Mainly pale grey siltstone with weak bedding at 45° | | | | | 29.1 | 0.25 | | | | |
| | | 34.8-35.1 More oxidised with some greenish-grey Siltstone | | | | | 30.2 | 0.25 | | | | |
| | | 35.1-36.6 Core very broken | | | | | 30.6 | 0.1 | | | | |
| | | 36.6-36.9 Mainly dark grey to black Siltstone, with weak ?bedding 25 to 40° | | | | | 31.7 | | | | | |
| | | 37.0-37.8 Mostly pale grey Siltstone | | | | | 33.1 | 0.15 | | | | |
| | | 37.8-40.8 Core very broken | | | | | 33.3 | 0.15 | | | | |
| | | 40.0-40.2 Contorted slumped bedding at 15° | | | | | 33.5 | 0.1 | | | | |
| 40.8 | 45.2 | Grey Argillaceous Siltstone with rare interbeds of dark grey Siltstone and pale yellowish grey Mudstone | | | | Pyrite occurs patchily as f-mg crystal coatings on joint surfaces | 35.3 | | | | | |
| | | 41.1-41.7 Core very broken | | | | | 35.6 | 0.15 | | | | |
| | | 41.8-42.5 No core recovery | | | | | 36.5 | | | | | |
| | | 42.6-43.0 Weak bedding 25° | | | | | 38.0 | 0.2 | | | | |
| | | 43.0-43.4 Core very broken | | | | | 39.3 | 0.7 | | | | |
| | | 44.3-45.2 " " " | | | | | 39.7 | 0.2 | | | | |
| 45.2 | 45.8 | Dark grey weakly to moderately oxidised Siltstone with strong ferruginous and manganese oxide stained strongly oxidised ?carbonate-quartz veins. Contact broken core. | | | | | 40.9 | 0.2 | | | | |
| 45.8 | 71.1 | Grey Siltstone to fg Quartz-Lithic Wacke with interbeds of pale grey f-mg Quartz Wacke and black Mudstone. Bedding weakly developed in places. Sometimes regular but mostly weakly contorted and slumped | | | | Pyrite less than 1% overall occurs irregularly as fracture-fill veinlets. | 43.0 | 0.55 | | | | |
| | | | | | | | 43.3 | 0.15 | | | | |
| | | | | | | | 44.5 | | | | | |
| | | | | | | | 45.3 | 0.3 | | | | |
| | | | | | | | 46.1 | | | | | |
| | | | | | | | 48.1 | 0.1 | | | | |
| | | | | | | | 48.6 | 0.1 | | | | |
| | | | | | | | 49.9 | | | | | |
| | | | | | | | 51.3 | 0.15 | | | | |
| | | | | | | | 52.3 | +0.2 | | | | |
| | | | | | | | 53.1 | 0.25 | | | | |
| | | | | | | | 59.6 | | | | | |
| | | | | | | | 61.6 | 0.8 | | | | |
| | | | | | | | 68.1 | | | | | |
| | | | | | | | 71.2 | 0.1 | | | | |
| | | | | | | | 71.7 | 0.2 | | | | |
| | | | | | | | 196.0 | | | | | |

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