ELECTROLYTIC ZINC CO. OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 1 of 9

LOCATION Mt. Black E.L. 1/62 – Murchison River Grid (5,376,400N 384,778E)

OBJECTIVE To test a ground magnetic anomaly under glacial scree cover.

RESULT No significant mineralisation intersected. Magnetic anomaly due to disseminated magnetite.

| | Direction | Dip. |
|---|---|---|
| | | |

| Metre | Direction A.M.G. | Dip. |
|---|---|---|
| 20 | 92° | -63.5° |
| 65 | 92° | -61.5° |
| 110 | 91° | -60° |
| 155 | 96° | -58° |

COLLAR DIP. -65°
DIRECTION 90° A.M.G.
R.L. 158.5
COORDINATES A.M.G. 5,376,394.0mN 384,778.0mE

TOTAL DEPTH 155.6m
HOLE SIZE HQ-12.2m, NQ-17.8m
COMMENCED BQ rest
COMPLETED 19th March, 1981
LOGGED BY 27th March, 1981
I.R. McDonald

| FROM | TO | ROCK DESCRIPTION | MINERALISATION |
|---|---|---|---|
| 0 | 11 | Glacial Deposits<br>0–7.4 Quartzite boulders & brown clays<br>7.4–11 Grey ?fluvioglacial clays | |
| 11 | 15.8 | Green mg porphyritic, with fg groundmass, massive, lithic tuff. Intermediate-quartz latite, moderate to strongly chloritised. Phenocrysts of feldspar, trachytic liths, and minor quartz.<br>11.2–11.4 Strong carbonate clots (poss after liths?)<br>13.8–15.8 Chloritic fiamme and vague layering at 35° suggest ashflow origin | |
| 15.8 | 25.5 | Pale green mg porphyritic massive lithic tuff as above and possibly minor epidote. Groundmass chloritised<br>21.2–21.5 Very weakly porphyritic fg ashflow tuff.<br>23.5–24.0 Core vuggy, possibly weathered out ?carbonated liths.<br>Lower contact gradational | |
| 25.5 | 26.5 | Pale green, f-mg, massive, intermediate, andesitic, crystal vitric ash flow tuff. Chloritised. Lower contact gradational. | |
| 26.5 | 27.2 | Grey-green, fg, weakly porphyritic lithic intermediate quartz-latite tuff. Chloritised, weakly silicified with thin quartz-carbonate vnlets and quartz-carbonate replacement of liths. Lower contact diffuse 35° | |
| 27.2 | 27.6 | Gree fg massive, chloritised andesitic vitric lava. Possibly a fg vitric tuff. | |
| 27.6 | 33.1 | Green, fg, variably porphyritic, chloritised, intermediate lithic ashflow tuff. | |

C = Chip Samples and S = Spilt Sample

| Sample No. | From | To | Core Rec'd | Sample Length | Assay Data per ppm Pb | Zn | Cu | Ag | Mn | Fe% | As | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38485C | 11.0 | 15.8 | 4.8 | 4.8 | 15 | 135 | X | X | 1300 | 4.65 | 3 | X |
| 486C | 15.8 | 20.5 | 4.7 | 4.7 | 5 | 130 | X | X | 1250 | 4.3 | 3 | X |
| 487C | 20.5 | 25.5 | 5.0 | 5.0 | 30 | 230 | 5 | 0.5 | 1700 | 5.7 | 2 | X |
| 38488C | 25.5 | 27.6 | 2.1 | 2.1 | 10 | 135 | 15 | 0.5 | 1650 | 4.7 | 1 | X |
| 489C | 27.6 | 30.8 | 3.2 | 3.2 | 15 | 135 | X | X | 1350 | 4.65 | 1 | X |
| 38490C | 30.8 | 33.1 | 2.3 | 2.3 | 15 | 215 | X | 0.5 | 1900 | 6.3 | 2 | X |
| 491C | 33.1 | 34.0 | 0.9 | 0.9 | 95 | 260 | 20 | 0.5 | 1600 | 5.8 | 19 | 6 |
| 492C | 34.0 | 37.2 | 3.2 | 3.2 | 10 | 120 | 10 | X | 1350 | 4.75 | 1 | X |
| 493C | 37.2 | 38.3 | 1.1 | 1.1 | 15 | 100 | 25 | 0.5 | 1400 | 4.9 | 2 | X |
| 494C | 38.3 | 41.9 | 3.6 | 3.6 | 10 | 125 | 15 | X | 1500 | 4.5 | 2 | X |
| 495C | 41.9 | 43.1 | 1.2 | 1.2 | 10 | 130 | 10 | 0.5 | 1700 | 4.65 | 2 | X |
| 496C | 43.1 | 46.8 | 3.7 | 3.7 | 20 | 120 | 40 | X | 1300 | 5.45 | 2 | 34 |
| 497C | 46.8 | 49.5 | 2.7 | 2.7 | 20 | 195 | 45 | 0.5 | 1700 | 5.6 | 110 | 34 |
| 498C | 49.5 | 52.2 | 2.7 | 2.7 | 785 | 125 | 20 | 3.0 | 29000 | 5.6 | 7700 | 6 |
| 499C | 52.2 | 55.4 | 3.2 | 3.2 | 10 | 160 | 15 | X | 1500 | 6.3 | 63 | 14 |
| 38500C | 55.4 | 57.3 | 1.9 | 1.9 | 25 | 105 | 55 | 0.5 | 1300 | 5.2 | 57 | 8 |
| 43458C | 57.3 | 58.8 | 1.5 | 1.5 | 55 | 140 | 10 | X | 1200 | 5.9 | 53 | 4 |
| 459C | 58.8 | 61.1 | 2.3 | 2.3 | 20 | 165 | X | X | 1350 | 6.2 | 61 | 8 |
| 43460C | 61.1 | 63.3 | 2.2 | 2.2 | 15 | 130 | 10 | X | 1200 | 5.6 | 38 | 2 |
| 461C | 63.3 | 64.4 | 1.1 | 1.1 | 25 | 145 | X | X | 1300 | 6.5 | 39 | 2 |
| 462C | 64.4 | 67.0 | 2.6 | 2.6 | 20 | 105 | 5 | X | 1150 | 4.8 | 25 | 12 |
| 463C | 67.0 | 69.6 | 2.6 | 2.6 | 15 | 110 | 5 | X | 1200 | 4.65 | 20 | 18 |
| 464C | 69.6 | 73.0 | 3.4 | 3.4 | 10 | 110 | 5 | X | 1050 | 4.35 | 16 | 4 |
| 465C | 73.0 | 76.9 | 3.9 | 3.9 | 15 | 125 | X | X | 1050 | 4.6 | 21 | 20 |
| 466C | 76.9 | 80.3 | 3.4 | 3.4 | 15 | 130 | X | X | 1250 | 4.4 | 12 | 16 |
| 467C | 80.3 | 84.0 | 3.7 | 3.7 | 5 | 150 | X | X | 1450 | 4.75 | 9 | 30 |
| 468C | 84.0 | 87.9 | 3.9 | 3.9 | 10 | 100 | 150 | X | 1300 | 4.3 | 9 | 10 |
| 469C | 87.9 | 89.9 | 2.0 | 2.0 | 5 | 140 | 70 | X | 1600 | 5.9 | 10 | 10 |
| 43470C | 89.9 | 92.4 | 2.5 | 2.5 | 65 | 90 | 115 | X | 1200 | 4.0 | 33 | 14 |
| 471C | 92.4 | 94.8 | 2.4 | 2.4 | 10 | 110 | 10 | 0.5 | 1200 | 4.2 | 14 | 20 |
| 472C | 94.8 | 98.8 | 4.0 | 4.0 | 10 | 100 | 5 | X | 1100 | 3.85 | 9 | 76 |
| 473C | 98.8 | 100.1 | 1.3 | 1.3 | 10 | 150 | 15 | 0.5 | 2400 | 4.6 | 9 | 16 |
| 474C | 100.1 | 103.4 | 3.3 | 3.3 | 10 | 105 | 5 | 0.5 | 1350 | 3.7 | 8 | 30 |
| 475C | 103.4 | 106.9 | 3.5 | 3.5 | 10 | 110 | X | 0.5 | 1150 | 4.45 | 8 | 8 |
| 476C | 106.9 | 109.2 | 2.3 | 2.3 | 10 | 130 | 5 | 0.5 | 1250 | 4.6 | 6 | 6 |
| 477C | 109.2 | 113.1 | 3.9 | 3.9 | 10 | 110 | 60 | 0.5 | 1300 | 4.1 | 7 | X |

CORE REC'D: RUN | SHORT

A 03197

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 2 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION |
|---|---|---|---|
| | | 28.2-28.8 Carbonate replacement of coarse grained liths; possibly some are vesicle infillings.<br>29.4 Quartz vn 25mm thick at 50°<br>Silicification around the vn.<br>29.4-30.8 Chloritic fiamme form weak banding at 40°<br>30.8-33.1 Bands of pale green to cream silicification with rare thin quartz veins.<br>Lower contact diffuse irregular. | |
| 33.1 | 34 | Green fg massive andesitic vitric lava. Strongly chloritised. Lower contact sharp 40°. | |
| 34 | 36.7 | Green weakly porphyritic, lithic ashflow tuff. Intermediate, quartz latite, chloritised with rare thin quartz-carbonate veinlets. | |
| 36.7 | 37.2 | Crean/green porphyritic lithic tuff. Intermediate quartz latite chloritised.<br>36.7-37 Vuggy appearance ?solution cavities after carbonates liths<br>Lower contact sharp at 40° | |
| 37.2 | 38.3 | Grey-green, fg, massive lithic vitric welded tuff, possibly a lava, Intermediate, chloritised, variably silicified with thin quartz-carbonate veins.<br>38-38.3 Silicified breccia zone annealed with quartz veins | |
| 38.3 | 38.8 | Dark grey fg weakly porphyritic lithic vitric welded tuff. Intermediate, weakly chloritised & sericitised. | Trace fg disseminated pyrite. |
| 38.8 | 41.9 | Grey-green fg lithic vitric welded tuff Intermediate, chloritised. Possibly a vesicular lava with the 'liths' being infilled vesicles, with quartz carbonate vns<br>40.6-40.75 Dark grey unit as per 38.3-38.8 | |
| 41.9 | 43.1 | Grey-green, mg porphyritic with fg groundmass, vitric lithic tuff Intermediate.<br>In places silicified with strong quartz- | |

| Sample No. | From | To | Core Rec'd | Sample Length | Assay Data per pom Pb | Zn | Cu | Ag | Mn | Fe% | As | Sn | CORE REC'D RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43478C | 113.1 | 114.3 | 1.2 | 1.2 | 10 | 140 | 45 | 1.0 | 1750 | 4.1 | 16 | 28 | | |
| 479C | 114.3 | 117.2 | 2.9 | 2.9 | 5 | 145 | 40 | 0.5 | 1600 | 3.9 | 10 | 14 | | |
| 43480C | 117.2 | 120.4 | 3.2 | 3.2 | 5 | 170 | X | 0.5 | 1200 | 4.0 | 5 | 6 | | |
| 481C | 120.4 | 122.3 | 1.9 | 1.9 | 5 | 185 | X | 0.5 | 1350 | 4.3 | 6 | 10 | | |
| 482C | 122.3 | 124.9 | 2.6 | 2.6 | 10 | 170 | X | 0.5 | 1650 | 4.05 | 9 | 20 | | |
| 483C | 124.9 | 125.3 | 0.25 | 0.4 | 810 | 425 | 5 | 1.0 | 4150 | 3.35 | 52 | 8 | | |
| 484C | 125.3 | 127.0 | 1.7 | 1.7 | 25 | 250 | X | X | 1700 | 5.8 | 12 | 10 | | |
| 485C | 127.0 | 129.1 | 2.1 | 2.1 | 150 | 500 | 5 | X | 2900 | 4.5 | 32 | 14 | | |
| 486C | 129.1 | 131.6 | 2.5 | 2.5 | 90 | 185 | 5 | 1.0 | 2600 | 2.7 | 83 | 18 | | |
| 487C | 131.6 | 134.4 | 2.8 | 2.8 | 165 | 320 | 5 | 1.0 | 2750 | 3.7 | 42 | 6 | | |
| 43493S | 134.3 | 135.3 | 0.9 | 0.9 | 950 | 1850 | 5 | 1.0 | 5250 | 5.5 | 57 | 10 | | |
| 494S | 135.3 | 135.5 | 0.2 | 0.2 | 1850 | 2500 | 10 | 4.0 | 1.8% | 3.9 | 85 | 28 | | |
| 495S | 135.5 | 135.8 | 0.3 | 0.3 | 2700 | 3200 | 15 | 4.5 | 8600 | 4.0 | 76 | 26 | | |
| 496S | 135.8 | 136.4 | 0.5 | 0.6 | 1150 | 1350 | 10 | 3.0 | 7150 | 2.7 | 34 | 2 | | |
| 497S | 136.4 | 136.8 | 0.4 | 0.4 | 1700 | 2400 | 10 | 2.5 | 1.5% | 2.85 | 68 | X | | |
| 498S | 136.8 | 137.3 | 0.35 | 0.5 | 1650 | 310 | 80 | 24.5 | 1.3% | 6.5 | 6.5% | X | | |
| 499S | 137.3 | 137.4 | 0.1 | 0.1 | 10 | 170 | 20 | X | 1450 | 4.7 | 130 | 4 | | |
| 43500S | 137.4 | 137.8 | 0.4 | 0.4 | 4000 | 6350 | 105 | 6.0 | 2.3% | 5.1 | 900 | 2 | | |
| 43488C | 137.8 | 142.5 | 4.7 | 4.7 | 640 | 1100 | 20 | 2.0 | 8450 | 4.0 | 200 | 20 | | |
| 489C | 142.5 | 147.3 | 4.7 | 4.8 | 7150 | 1.7% | 35 | 7.5 | 6800 | 3.45 | 200 | 8 | | |
| 43490C | 147.3 | 148.3 | 0.75 | 1.0 | 245 | 170 | 890 | 6.0 | 2.5% | 6.2 | 1.8% | 2 | | |
| 491C | 148.3 | 153.0 | 4.65 | 4.7 | 190 | 145 | 20 | 0.5 | 6850 | 4.4 | 280 | X | | |
| 492C | 153.0 | 155.6 | 2.6 | 2.6 | 150 | 410 | 40 | 0.5 | 2950 | 4.7 | 180 | X | | |
| Resample by split core of Chip Sample No. 43489 | | | | | | | | | | | | | | |
| 41858 | 142.5 | 143.3 | 0.8 | 0.8 | 535 | 450 | 10 | 1.0 | 6700 | 3.5 | 100 | 6 | | |
| 859 | 143.3 | 144.3 | 1.0 | 1.0 | 130 | 265 | 10 | 0.5 | 8150 | 3.6 | 130 | X | | |
| 41860 | 144.3 | 145.3 | 1.0 | 1.0 | 225 | 195 | 15 | 1.0 | 9500 | 3.5 | 150 | X | | |
| 861 | 145.3 | 146.0 | 0.7 | 0.7 | 140 | 90 | 15 | 0.5 | 6250 | 3.3 | 160 | 6 | | |
| 862 | 146.0 | 146.8 | 0.8 | 0.8 | 295 | 630 | 20 | 0.5 | 9450 | 3.7 | 180 | 4 | | |
| 41863 | 146.8 | 147.3 | 0.4 | 0.5 | 230 | 250 | 410 | 2.0 | 2.4% | 5.9 | 600 | 8 | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY — TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 3 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | carbonate veining & brecciation<br>41.9–42.1 Strong breccia annealed with quartz vns<br>42.5–42.7 Strongly silicified<br>42.7–43.1 Strong breccia zone with quartz carbonate veins & chlorite clots | | | | | | | | | | | | | | |
| 43.1 | 46.8 | Dark grey, fg massive intermediate lava *with rare thin quartz-carbonate veins.* Weakly chloritised.<br>43.1–43.6 Strong silicification decreasing downwards.<br>44.3–44.5 Strong silicification and quartz veining<br>45.2 Sample No 35185 thin section<br>46.2–46.5 Strong silicification & quartz vning with ?epidote alteration<br>*Lower contact* 55° | | | | | | | | | | | | | | |
| 46.8 | 52.2 | Green to grey fg lithic vitric pumaceous Intermediate ashflow. Chloritised with rare thin quartz vns and rare agglomerate sized blocks of grey porphyritic silicified tuff. Weak banding at 60°<br>49.3–49.5 Silicified & epidotised with chloritic clots after shale *fragments? or pumice?*<br>Lower contact 45° | | | | | | | | | | | | | | |
| 52.2 | 52.9 | Grey-green, fg lithic vitric Intermediate ashflow. Banded at 10°, finer grained bands are chloritied. Liths are replaced by quartz and carbonate. Lower contact irregular. | | | | | | | | | | | | | | |
| 52.9 | 55.4 | Grey-green, *mg* porphyritic, fg groundmass vitric lithic tuff Intermediate andesitic. Weakly chloritised with thin quartz vns and patches of quartz filled vesicles.<br>52.9–53.1 Strong quartz-carbonate vning<br>53.4 Sample No 35186 thin section<br>Lower contact irregular. | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 4 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55.4 | 57.3 | Pale green fg vesicular trachytic lava Silicifed and epidotised. Vesicles filled with quartz.<br>55.4–55.8 Auto breccia: possibly a flow top breccia<br>Lower contact 30° | | | | | | | | | | | | | | |
| 57.3 | 58.2 | Grey-green mg porphyritic lithic tuff Intermediate. Weakly silicified with thin quartz veins<br>57.8–58 Finer grained chloritic section ?vitric? with moderate cleavage at 15°<br>Lower contact diffuse. | | | | | | | | | | | | | | |
| 58.2 | 58.8 | Pale green, fg vesicular trachytic lava. Vesicles filled with quartz. Lower contact diffuse 30°. | | | | | | | | | | | | | | |
| 58.8 | 61.1 | Green fg, weakly porphyritic vitric lithic tuff. Intermediate andesitic. Weakly chloritised with chloritic shale fragments Lower contact irregular. | | | | | | | | | | | | | | |
| 61.1 | 63.3 | Grey-green fg welded lithic vitric tuff Intermediate weakly chloritised with quartz filled vesicles. Lower contact diffuse irregular. | | | | | | | | | | | | | | |
| 63.3 | 64.4 | Green fg banded pumaceous ashflow tuff Intermediate andesitic. Weakly chloritised Lower contact 40° | | | | | | | | | | | | | | |
| 64.4 | 69.6 | Grey-green, mg porphyritic, fg groundmass lithic tuff, Intermediate latite. Weakly silicified and chloritised with some liths replaced by quartz and some ?vesicles infilled by quartz. Lower contact diffuse. | | | | | | | | | | | | | | |
| 69.6 | 76.9 | Interbanded zone. Two types of rock<br>1. Green fg weakly banded ?pumaceous ashflow Intermediate. Chloritised<br>2. White/grey porphyritic lapilli tuff. Intermediate, weakly silicified with liths frequently replaced by quartz. | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 5 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rock type 2) is more abundant. Bands are up to 1m long. The entire unit is probably an ignimbrite. | | | | | | | | | | | | | | | |
| 76.9 | 80.3 | Cream/grey-green porphyritic lithic tuff to lapilli tuff. Intermediate latite. Weakly chloritised with rare thin quartz vns Lower contact irregular about 15° | | | | | | | | | | | | | | | |
| 80.3 | 84 | Pink/green agglomerate ?intermediate tuff. Coarse fragments of pink ?rhyolite occur in a fg chloritic groundmass. 81.9–82.3 No agglomerate fragments. *Weakly banded with ash to lapilli* sized fragments Lower contact 30°. | | | | | | | | | | | | | | | |
| 84 | 87.9 | Cream/grey-green porphyritic lithic tuff to lapilli tuff. Intermediate latite. Weakly chloritised. 87.2–87.9 Some pink agglomerate sized fragments of rhyolite. Lower contact 60°. | Trace of pyrite on the lower contact. | | | | | | | | | | | | | | |
| 87.9 | 89.9 | Grey-Green, f-mg andesite lava. Possibly a small intrusive 88.9–89 Breccia annealed with quartz veins. Lower contact against a quartz annealed breccia. | | | | | | | | | | | | | | | |
| 89.9 | 94.8 | Cream/grey-green, porphyritic lithic tuff. Intermediate latite with rare quartz vns. 90.6 Sample No 35187 thin section 91.5–91.8 Strongly silicified 94.4–94.6 Breccia zone annealed by quartz and chlorite Lower contact diffuse, about 20°. | | | | | | | | | | | | | | | |
| 94.8 | 98.8 | Zone of two interbedded rock types as per the interval 69.6–> 75.9 Lower contact irregular. | | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 6 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.8 | 100.1 | Breccia zone. Brecciated tuff is annealed by quartz, chlorite and pink carbonate. Lower contact gradational with veinlets of chlorite penetrating the underlying tuff. | | | | | | | | | | | | | | |
| 100.1 | 106.9 | Cream/grey-green, porphyritic lithic tuff, Intermediate latite. Weakly chloritised with rare quartz veins<br>103.4–103.8 Strongly silicified & epidotised<br>104.3–104.7 " " "<br>105.3–105.5 " " "<br>Lower contact diffuse. | | | | | | | | | | | | | | |
| 106.9 | 109.2 | Green, fg, weakly porphyritic, weakly banded vitric tuff, Intermediate with bands of grey-green porphyritic lithic tuff.<br>107.6–107.9 Quartz-chlorite annealed breccia<br>Lower contact gradational | | | | | | | | | | | | | | |
| 109.2 | 113.1 | Cream/grey-green, mg porphyritic lithic tuff. Intermediate latite with rare quartz veins & weak silicification. Lower contact gradational | | | | | | | | | | | | | | |
| 113.1 | 113.5 | Green, fg banded, lthic pumaceous, chloritised Intermediate tuff. Banding at 30°<br>Lower contact diffuse. | | | | | | | | | | | | | | |
| 113.5 | 114.3 | Green, fg, massive andesite lava or possibly small intrusive with thin quartz veins.<br>Lower contact quartz vns at 60° | | | | | | | | | | | | | | |
| 114.3 | 120.4 | Grey-green fg, weakly porphyritic silicified Intermediate lithic tuff.<br>117–117.2 Core broken ?possible fault zone?<br>119–119.2 Silicified breccia zone annealed by quartz vns | | | | | | | | | | | | | | |
| 120.4 | 122.3 | Grey-green, f-mg massive andesite lava, ?or welded vitric tuff?, with thin quartz carbonate vns. Lower contact diffuse 30°<br>122.0 Sample No 35188 thin section | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 7 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122.3 | 124.9 | Grey-green, fg, weakly porphyritic, crystal lithic tuff. Intermediate latite. Weakly silicified with thin quartz-carbonate vns. | | | | | | | | | | | | | | | |
| 124.9 | 125.3 | Fault zone? Core very broken, recovery 0.35m of chips 60%. The chips are strongly carbonate and quartz veined chloritic volcanics. | 1% fg disseminated pyrite | | | | | | | | | | | | | | |
| 125.3 | 127 | Grey-green, f-mg massive andesite lava, or possibly a welded vitric ashflow, with thin quartz-carbonate veins & moderate silicification<br>126.1-126.2 Fg massive green chloritic band. Possibly a chloritised vitric lava.<br>Lower contact broken core. | 1-2% fg disseminated pyrite partly associated with quartz-carbonate veins. | | | | | | | | | | | | | | |
| 127 | 129.1 | Grey-green, f-mg lithic vitric ashflow tuff. Intermediate, weakly chloritised and silicified with quartz-carbonate veins. Core broken but no consistant fracture direction. Lower contact seems gradational but core very broken. | 1-2% fg disseminated pyrite partly associated with quartz-carbonate veins. | | | | | | | | | | | | | | |
| 129.1 | 134.4 | Pale grey fg banded sericitised carbonated volcanicalstic sediment. Core very broken but recovery of chips good.<br>129.2-129.9 Banding at 25°<br>130.8-131.1 White quartz vein, broken core.<br>131.2-131.3 White quartz vein at 45°<br>131.5-131.6 " " " 25°<br>contacts irregular<br>Lower contact, core very broken. | 2% pyrite as fg disseminations and as small stringers and blebs. | | | | | | | | | | | | | | |
| 134.4 | 135.8 | Dark green & white strongly carbonated chlorite schist. Core very broken | 134.3-135.3 2-3% disseminated f-mg pyrite<br>135.3-135.8 15% pyrite in an irregular vein | | | | | | | | | | | | | | |
| 135.8 | 136.4 | Cream/green-grey strongly carbonated chlorite sericite schist. Carbonate clots look like breccia infillings. Core fairly broken. | 2-3% f-mg disseminated pyrite. | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 8 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 136.4 | 137.4 | Grey silicified & carbonated brecciated sericite schist. ?After a volcaniclastic sediment? | | | | | | | | | | | | | | | |
| | | 136.9–137.3 Core very broken, more sericite rich | 3–5% fg disseminated & stringer pyrite with trace arsenopyrite. | | | | | | | | | | | | | | |
| | | 137.3–137.35 Bark grey fg ?crush zone. fragments of rock in a very fg matrix. | 5–10% pyrite as disseminations & stringers infilling a breccia matrix. | | | | | | | | | | | | | | |
| | | Lower contact broken | | | | | | | | | | | | | | | |
| 137.4 | 155.6 | Grey fg & f–mg volcanic wacke. Variably carbonated with thin quartz–carbonate veins. Chloritic cleavage variably developed. Interbeds of siltstone & shale are of subordinate amount. | 137.4–147.3 Trace to 1% fg disseminated pyrite | | | | | | | | | | | | | | |
| | | 138–138.3 Breccia annealed by dolomite vne and clots. | | | | | | | | | | | | | | | |
| | | 139.7–140 Interbedded dark grey shale & grey volcanic wacke with carbonate veins. Scour texture at 139.7 indicates right way up facing. Banding irregular about 65° | | | | | | | | | | | | | | | |
| | | 141.9–142.1 Dolomite veining & cleavage sub parallel to core. | | | | | | | | | | | | | | | |
| | | 143.1–143.3 Strong dolomite & siderite veining | | | | | | | | | | | | | | | |
| | | 144–149 Core very broken. | | | | | | | | | | | | | | | |
| | | 145.3–145.5 Contorted banding partly sub-parallel to core. Suggestive of slumping. | | | | | | | | | | | | | | | |
| | | 146.8–147 Dark grey cleaved chloritic siltstone. Cleavage 80° | | | | | | | | | | | | | | | |
| | | 1471.–147.5 Recover 50% | | | | | | | | | | | | | | | |
| | | 147.5–148.4 " 90% | | | | | | | | | | | | | | | |
| | | 147.3–148.3 Breccia zone. Fragments of carbonated sediment lie in a black very fg matrix of ?crushed rock | 2–3% fg pyrite | | | | | | | | | | | | | | |
| | | 148.3 20mm zone of puggy clay & quartz veins. | | | | | | | | | | | | | | | |
| | | 148.3–148.8 Contorted banding | 148.3–153 Trace of 2% fg disseminated pyrite | | | | | | | | | | | | | | |

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

# DIAMOND DRILL CORE RECORD

HOLE No. MRP 227 9 of 9

| METRE FROM | METRE TO | ROCK DESCRIPTION | MINERALISATION | SAMPLE NO. | FROM | TO | CORE REC'D | ASSAY DATA: Sample Length | Pb% | Zn% | Cu% | Ag - g/t | Au - g/t | Fe% | | CORE REC'D: RUN | SHORT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 149–155.4 Weak banding & cleavage at 75° | 153–153.2 3% disseminated pyrite & trace galena associated with dolomite veins | | | | | | | | | | | | | | |
| | | | 153.2–155.6 1% disseminated fg pyrite | | | | | | | | | | | | | | |
| | | 155.4–155.6 Interbedded dark grey siltstone & grey volcanic wacke Banding subparallel to core. | | | | | | | | | | | | | | | |
| | 155.6 EOH | | | | | | | | | | | | | | | | |
| | | Sample No's 35185, 186, 187 & 188 Thin Section descriptions refer to C.M.S. Report 81/4/20. | | | | | | | | | | | | | | | |

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