REF NO 2340

CORE STORED DERWENT PARK 40 312

DRILLING TARGET:— To test depth extensions of the Copper King mineralization

REMARKS:—

| SURVEY DATA | | | ASSAY DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH feet | Bearing mag. | Inclin. degs. | SAMPLE No. | FROM ft. ins. | TO ft. ins. | RECOVERY ft. ins. | % | ASSAY RESULTS Cu % | Au (cherts) | | Ag (cherts) | | |
| | | | C.K. 1 | 42 9 | 46 9 | 4 0 | 100 | 0.07 | Nil | | Nil | | |
| | | | C.K. 2 | 46 9 | 50 9 | 4 0 | 100 | 0.25 | Nil | | Nil | | |
| | | | C.K. 3 | 58 6 | 60 0 | 1 0 | 67 | 0.19 | Nil | | Nil | | |
| | | | C.K. 4 | 60 0 | 62 3 | 1 6 | 67 | 0.48 | Tr. | | Nil | | |

GEOLOGICAL LOG Logged by:—

| FROM ft. ins. | TO ft. ins. | RECOVERY ft. ins. | % | DESCRIPTION | SECTION Core | SECTION Sample |
|---|---|---|---|---|---|---|
| 0 0 | 18 6 | Rubble | | Scree and mine tailings | | |
| 18 6 | 43 3 | 17 0 | 68 | Contorted black graphitic phyllitic shales with occasional fine quartz veins and minor pyrite adjacent to the veining - brecciated over last 24" of core with minor siderite, pyrite and chalcopyrite in some vugs - cavity 31'0" to 33'9" may be old workings | | |
| 42 9 | 50 9 | 8 0 | 100 | Gray quartzite with siderite/quartz veinlets carrying dissemantled pyrite and chalcopyrite. | | |
| 50 9 | 59 0 | 0 3 | 3 | 3" black shale - rest sludge | | |
| 59 0 | 62 3 | 2 6 | 77 | Quartzite with veining and mineralization as above. | | |
| 62 3 | 88 0 | 8 3 | 32 | Highly contorted laminated shale/quartzite with minor pyrite at end. | | |
| 88 0 | 101 0 | 3 9 | 29 | Gray quartzite with minor shale partings - core recovery 88'0" to 94'0" = 2'0" 94'0" to 101'0" = 1'9" rest probably contorted slates. | | |
| 101 0 | 111 3 | Sludge | | sludge with two quartzite pebbles probably contorted shale horizons giving sludge. | | |

Continued over:—

DEPARTMENT OF MINES — TASMANIA

# DIAMOND DRILL CORE RECORD

| HOLE No.:— | MAP SHEET No. | DISTRICT | LOCATION OF SITE:— |
|---|---|---|---|
| C.K. 1 | 28 | Cuprona | Copper King Mine |

Distant 100 feet, bearing N. 41° (Grid North) from portal of 82 feet level adit.

Core held M 101

| | | |
|---|---|---|
| R.L. OF SITE:— Approx. 82' level | SITE SURVEY ON MAP No.:— 3202 - 28 | CORE SIZE:— NX 0'-60'0" BX 60'0" - end |
| BEARING OF HOLE:— Grid West | AIR PHOTO No.:— | COMMENCED:— 13-12-68 |
| INCLINATION OF HOLE:— - 56° | DRILL:— F25 | COMPLETED:— 16-1-69 |
| CO-ORDS. OF SITE:— 43'E 190'S Pickands Grid. | DRILLER:— A.S. James Pty. Ltd. | FINAL DEPTH:— 311'9" |

Index Page:—

86673 M6375

D.D.H. C.K. 1 — GEOLOGICAL LOG — 40 313 — Page:— 2

| FROM ft. | FROM ins. | TO ft. | TO ins. | RECOVERY ft. | RECOVERY ins. | RECOVERY % | DESCRIPTION | SECTION Core | SECTION Sample |
|---|---|---|---|---|---|---|---|---|---|
| 111 | 3 | 123 | 0 | 3 | 9 | 32 | Laminated shale/quartzite with quartz veining in first 2'6" of core -some pyrite in rock along bedding planes may be syngenetic | | |
| 123 | 0 | 164 | 0 | 18 | 3 | 45 | Banded and contorted, graphitic shales some minor carbonate/veining | | |
| 164 | 0 | 239 | 9 | Sludge | | | No core - sludge from graphitic shales no apparent mineralization. | | |
| 234 | 9 | 237 | 6 | 2 | 0 | | Black contorted graphitic shales | | |
| 237 | 0 | 240 | 0 | 3 | 0 | 100 | Fine grained sandstone oxidised in part | | |
| 240 | 0 | 250 | 6 | 10 | 6 | 100 | Medium grained porous quartz sandstone | | |
| 250 | 6 | 254 | 0 | 3 | 6 | 100 | Fine grained sandstone | | |
| 254 | 0 | 255 | 0 | 1 | 0 | 100 | Sandstone/shale contact-fault contact along core. | | |
| 255 | 0 | 274 | 0 | 16 | 0 | 84 | Laminated shale/quartzite with graphitic partings and become less shaley over final 2'6" | | |
| 274 | 0 | 311 | 9 | 37 | 3 | 98 | Pale gray quartzite - 1/16" pyritic veinlet at 276'9" - 3" quartz/siderite zone at 278'9" with some disseminated pyrite and chalcopyrite - thin quartz/pyrite veinlet at 294' | | |
| | | | | | | | END HOLE | | |
| | | | | | | | N.B. All sludge returns are of phyllitic shale material with an occasional pebble of quartzite. There is no apparent mineralization except graphite. | | |

Continued over

ASSAY DATA

| SAMPLE No. | FROM ft. | FROM ins. | TO ft. | TO ins. | RECOVERY ft. | RECOVERY ins. | RECOVERY % | ASSAY RESULTS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |