

C.R.A. EXPLORATION PTY. LIMITED  
DRILL CORE LOG

750023

SHEET 1 OF 2

TENEMENT NAME Marssey River JV No. EL 6/74

PLAN - MAP REFERENCE LATE 08# 1:25,000

COORDINATES 454000 E 5431440 N DRILLERS Exploration Drilling COMMENCED 12-2-82 DEPTH 23.50m HOLE No RD82MR68

RL COLLAR 80 ASL INCLINATION -90° DRILL TYPE I.R. IMA COMPLETED 12-2-82 CASING LEFT  DPO No(s) 20303

| DEPTH    |        | Core Rec. (M) | Core Size | Graphic Log | CORE DESCRIPTION  | Sample No. | From (M) | To (M) | Rec (M) | ASSAY VALUES (Analysed by <u>AMDEL</u> ) |       |           |               |
|----------|--------|---------------|-----------|-------------|---|------------|----------|--------|---------|--|-------|-----------|---------------|
| From (M) | To (M) |               |           |             |   |            |          |        |         | Volatiles %                              | Ash % | Fired C % | Moist L/Tonne |
| 0        | 3      |               | open hole |             | <u>WEATHERED ARGILLITE : ochre clays.</u>   |            |          |        |         |  |       |           |               |
| 3        | 18     | -             | "         |             | <u>MUDSTONE : blue grey Poorly fissile. Soft.</u>   |            |          |        |         |  |       |           |               |
| 18       | 20.8   |               |           |             | <u>SILTSTONE : mid grey, poorly sorted. Fairly hard.</u>  |            |          |        |         |  |       |           |               |
| 20.8     | 21.0   |               |           |             | <u>TASMANITE OIL SHALE : very low grade.</u>  |            |          |        |         |  |       |           |               |
| 21.0     | 21.10  | 0.10          | HQ        |             | <u>SILTSTONE : mid grey muddy siltstone with a very minor pore content (&lt; 5%). Noticeably micaceous - not usual within the Tasmanite horizon.</u>                    | 987070     | 21.00    | 21.10  | 0.10    | 84                                       | 91.0  | 0.6       | 25            |
| 21.10    | 21.30  | 0.0           |           |             | <u>PROBABLY highly weathered Tasmanite oil shale. No recovery</u>   |            |          |        |         |  |       |           |               |
| 21.30    | 21.42  | 0.12          |           |             | <u>SILTSTONE : mid grey Very low pore content (&lt; 5%). Occasional small (0.3cm) clasts of various lithologies.</u>  | 987071     | 21.30    | 21.42  | 0.12    | 9.8                                      | 89.4  | 0.8       | 38            |
| 21.42    | 21.67  | 0.25          |           |             | <u>TASMANITE OIL SHALE : upper 10cms is low grade, below that pore content decreases even further. Poorly laminated at ± 90°. Upper and lower contacts gradational.</u> | 987072     | 21.42    | 21.67  | 0.25    | 16.5                                     | 89.9  | 0.6       | 97            |
| 21.67    | 21.87  | 0.20          |           |             | <u>MUDSTONE : bluish grey. Spores present but probably &lt; 2%. Poorly laminated. Soft.</u>   | 987073     | 21.67    | 21.87  | 0.20    | 8.1                                      | 91.5  | 0.4       | 10            |
| 21.87    | 22.16  | 0.29          |           |             | <u>TASMANITE OIL SHALE : low grade. Extremely soft. Contacts gradational.</u>   | 987074     | 21.87    | 22.16  | 0.29    | 23.6                                     | 78.8  | 0.6       | 205           |



