

e.g. PD 83 PT/KP/JC-01, where PT refers to Parattah (EL 18/82), KP refers to Kempton (EL 19/82) and JC refers to Jericho (EL 20/82).

Geological logs were incorporated with the geophysical logs to produce the combined written logs included as Appendix 4.

3. 2. 5. GEOPHYSICAL LOGGING

3.2.5.1. Introduction

A total of 18 open holes were geophysically logged by BPB Instruments (Aust.) Pty. Ltd. using a vehicle mounted coal combination sonde.

Total metreage logged was \approx 756m, distributed as follows:

- EL 18/82: 5 holes totalling 210m, (80% success rate);
- EL 19/82: 8 holes totalling 301m, (63% success rate);
- EL 20/82: 5 holes totalling 245m, (83% success rate);

The "success rate" is the ratio of metres logged to metres drilled for all logs except Bed Resolution Density.

Drill holes not logged by BPB are as follows:

- EL 18/82: 1 hole in unprospective Sequence 4, 1 hole abandoned in gravel, and 2 holes abandoned in dolerite;
- EL 19/82: 1 hole in unprospective Sequence 7, 2 holes abandoned in dolerite;
- EL 20/82: 1 hole in ?non coal bearing Sequence 1, 1 hole caved (Sequence 1), 1 hole abandoned in Quaternary gravel, 2 holes abandoned in Tertiary sediments, and 1 hole abandoned in dolerite.

Radiometric and electric wireline logs were run by BPB and the data presented in the following forms:

- Coal Lithology Log (Caliper, Long Spaced Density and Gamma) - 1:100 scale;
- Seam Thickness Log (Caliper, Bed Resolution Density) - 1:20 scale;
- Coal Quality Log (Long Spaced Density, Gamma) - 1:20 scale;
- Neutron - Neutron Log - 1:100 scale;
- Single Point Resistance Log - 1:100 scale.