

PETRECON AUSTRALIA PTY LTD

706047

COAL DRILLING LOG SHEET

PROJECT/E.L.: Langloh/E.L. 27/79      RIG/METHOD: Fox B80/Diamond      TOTAL DEPTH: 57.45 Metres  
HOLE NO.: H-16      CORE SIZE: NQ      DRILLER/ASSISTANT: W.B./R.L./T.S.  
LOCATION: 482,490 M.E./5,290,584 M.N.      COMMENCED: 19/5/82      CORE LOGGED: K. Morrison  
COLLAR ELEVATION: 168.40      FINISHED: 19/5/82      GEOLOGIST: K. Morrison

METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
0.00 - 3.20	OPEN HOLE		PRE COLLAR	
3.20 - 28.81	98	Sandstone	Medium lithic arenite. Some 2° CO <sub>3</sub> on core breaks in upper oxidized zone. 21.71-21.83 : pebble conglomerate.	Core loss all in first run.
28.81 - 29.36			21.94-22.05 : band of alternating carbonaceous/grey mudstone. Generally a massive, uniform grain size sst.	
	100	Conglomerate	Fining-up, matrix-supported pebble conglomerate in sst. Upper clasts are flasers of dull coal.	
29.36 - 32.44	100	Sandstone	Massive medium grained lithic arenite. Band of pebbly sst - very open conglomerate at 29.79-30.06. Pebbles are flattened, but not well sorted.	
32.44 - 32.90	100	Conglomerate	Fining-up, with mudstone (approx 5cm) clasts at base, up to coal flasers. More clast supported at base and open framework towards top of unit.	
32.90 - 33.40	100	Sandstone	Medium massive lithic arenite.	
33.40 - 33.40	100	Conglomerate	Fining-up from basal mudstone, coal clast conglomerate up to pebbly sst. Greenish diagenetic colouring.	
34.23 - 34.48	100	Sandstone	Massive medium grained lithic arenite.	
34.48 - 34.48	100	Conglomerate	Matrix - supported mudstone pebble conglomerate	

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METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
34.78 - 34.90	100	Sandstone	Massive medium grained lithic arenite.	
34.90 - 35.35	100	Conglomerate	Matrix-supported mudstone pebble conglomerate.	
35.35-35.75	100	Sandstone	Massive medium lithic arenite.	
35.75- 35.90	100	Mudstone	Black carbonaceous mudstone with lithic sst. interbeds. Abrupt but very irregular, erosional top contact. Slickensided - like structure on breaks in the mudstone.	
35.90-36.22	100	Sandstone	Massive medium grained lithic sst.	
36.22-36.55	100	Conglomerate	Mudstone pebble clasts in lithic sst. matrix. Green diagenetic colouration.	
36.55-45.37	100	Sandstone	Medium lithic arenite. Frequent cross bed foreset surfaces defined by carbonaceous material. 2° pyrite on core break surface.	
45.37-45.40	100	Conglomerate	Well rounded flattened clasts of mudstone and flattened flasers of coal. Minor plant fragments.	
45.40-47.10	100	Coal	Dull, medium density, minor bright bands (1-5cm). Minor dirt bands (1-2cm). 2° CO <sub>2</sub> in cleats in bright coal.	
47.10-47.22	100	Mudstone	Grey clayey mudstone grading down to more carbonaceous. Finescale deformation and undulating bedding structures. Abundant carbonaceous debris.	

