

Sample Descriptions

YURONGI-1

376035

DEPTH	%	DESCRIPTION
5680-5700	20	<u>Sandstone</u> , abundant pyrite, 20% of total sample.
	20	<u>Siltstone</u> , as above
	60	<u>Shale</u> , brown, platy, very carbonaceous with thin coal bands.
5700-5720	100	<u>Sandstone</u> , very coarse to pebbly, frosty white, quartz, unconsolidated, subrounded to angular, abundant pyrite, good porosity and permeability.
5720-5740	80	<u>Sandstone</u> , as above
	10	<u>Siltstone</u> , light grey, firm.
	10	<u>Shale</u> , as above
5740-5760	80	<u>Sandstone</u> , as above but medium to coarse, very pyritic
	20	<u>Coal</u> , as above
5760-5780	90	<u>Coal</u> , black, conchoidal fractures, trace amber, 10 units gas on Hot Wire.
	10	<u>Shale</u> , dark grey to black, very carbonaceous.
5780-5800	90	<u>Sandstone</u> , frosty white, coarse to pebbly, subrounded to subangular, unconsolidated quartz, abundant pyrite.
	10	<u>Siltstone</u> , light grey, firm, hard.
5800-5820	80	<u>Sandstone</u> , as above, 15% total sample is pyrite.
	20	<u>Siltstone</u> , as above
5820-5840	10	<u>Sandstone</u> , as above.
	20	<u>Siltstone</u> , light grey, friable to soft.
	40	<u>Shale</u> , tan to brown, firm, slightly carbonaceous.
	30	<u>Coal</u> , as above.
5840-5860	20	<u>Sandstone</u> , abundant pyrite.
	70	<u>Siltstone</u> , tan white, friable to firm, sandy.
	10	<u>Coal</u> , as above.
5860-5880	90	<u>Siltstone</u> , tan white, sandy, with very fine grained sand, friable to firm abundant pyrite
	10	<u>Shale</u>
5880-5900	90	<u>Sandstone</u> - 50% frosty white unconsolidated coarse to very coarse grained quartz, remainder consolidated, tan very fine to fine grained friable to firm quartz sandstone with good porosity and permeability.
	10	<u>Siltstone</u> as above.
5900-5920	60	<u>Sandstone</u> - white frosty unconsolidated coarse to very coarse, subrounded to subangular quartz with 10% fine to medium grained consolidated friable to firm clean quartz sandstone, abundant pyrite.
	30	<u>Siltstone</u> - tan with some <u>dolomite</u>
	10	<u>Shale</u>
5920-5930	80	<u>Sandstone</u> - white fine to medium grained consolidated friable to firm good porosity and permeability with some unconsolidated coarse to very coarse grains.
	10	<u>Siltstone</u>
	10	<u>Coal</u> .
5930-5940	10	<u>Sandstone</u> - fine to very coarse white quartz, unconsolidated, very pyritic.
	70	<u>Siltstone</u> - some tan dolomite, very hard indurated.
	20	<u>Shale</u> .