



FORMATION EVALUATION LOG

DEPT. NAT. RES. & ENV.



PE605064

RATE OF PENETRATION <input checked="" type="checkbox"/> METRE/HR <input type="checkbox"/>	VISUAL POROSITY TRACE FAIR GOOD	DEPTH 500	CUTTINGS LITHOLOGY	HYDROCARBON ANALYSIS		CUT GOOD FAIR POOR	LITHOLOGY DESCRIPTION AND REMARKS
				CONTINUOUS TOTAL GAS CUTTINGS GAS	CHROMATOGRAPH METHANE 1 BUTANES N4 ETHANE 2 PENTANES 5 PROPANE 3 GAS PERCENT		
100 50 30 20 10				GAS PERCENT 0.4 0.8 1.2 1.6 2 GAS UNITS	0.01 0.1 1.0 PPM		SANDSTONE, VERY LIGHT GREY FRIABLE, VERY FINE TO MED GRAINED DOM VERY FINE, SUBANGULAR TO SUBROUNDED, QTZ WITH ABUNDANT GREY & BROWN LITHICS, ABUNDANT KAOLIN MTX, TRACE TO MOD ANKERITE CMT DECREASING WITH DEPTH, ABUNDANT CARBONACEOUS FLECKS & LAMINAE IN PART, VERY POOR VISUAL POROSITY, GRADES TO & INTERBEDDED WITH; SILTSTONE, LIGHT GREY OCC MED BROWN GREY, MOD HARD, ARGILLACEOUS IN PART, VERY ARENACEOUS IN PART, BLOCKY TO OCC SUBFISSILE, TRACE CARBONACEOUS FLECKS, TRACE MICRO-MICACEOUS, RARE DISSEMINATED PYRITE, NON CALCAREOUS.
							SHALE, LIGHT TO MED GREY, OCC MED TO DARK BROWN GREY, FIRM TO OCC MOD HARD SUBFISSILE, TRACE FISSILE, MICRO-MICACEOUS, MOD SILTY IN PART, VERY FINE CARBONACEOUS DETRITUS, OCC ALTERED VERY FINE FELDSPAR GRAINS
21/1							COAL, DARK BROWN BLACK TO BLACK, MOD HARD TO OCC HARD, BRITTLE IN PART, SUBFISSILE TO OCC FISSILE SUBCONCHOIDAL FRACTURE IN PART, EARTHY LUSTRE IN PART, SUBVITREOUS LUSTRE IN PART.
							SHALE, FROM 530M, LIGHT GREY TO MED GREY, MED TO DARK BROWN, FIRM TO MOD HARD, SUBFISSILE, GENERALLY FISSILE WHERE BROWN, SILTY IN PART, TRACE CARBONACEOUS DETRITUS, TRACE ALTERED FELDSPARS.
							UNIDENTIFIED COMBUSTIBLE GAS MOLECULAR MOBILITY <104 >N4 HEAT FOR COMBUSTION >C3