

FORMATION EVALUATION LOG

DEPT. NAT. RES. & ENV.



RATE OF PENETRATION <input checked="" type="checkbox"/> METRE/HR <input type="checkbox"/>	DEPTH TEST	CUTTINGS LITHOLOGY	HYDROCARBON ANALYSIS				LITHOLOGY DESCRIPTION AND REMARKS
			CONTINUOUS TOTAL GAS CUTTINGS GAS	CHROMATOGRAPH METHANE 1 ETHANE 2 PROPANE 3	BUTANES 4 PENTANES 5	CUT	
100 50 30 20 10			GAS PERCENT 0.4 0.8 1.2 1.6 2 GAS UNITS	0.01 0.1 1.0 10 PPM			
HORNER						SANDSTONE, FROM 949M, LIGHT GREY, MOD HARD, FRIABLE, VERY FINE TO MEDIUM GRAIN DOM FINE TO MEDIUM AGGREGATE, MOD SORTED, SUBANGULAR TO SUBROUNDED, QTZ WITH COMMON GREY AND BROWN LITHICS, ABUNDANT WHITE (KAOLIN) CLAY MTX, MOD ANKERITE CMT, RARE TO TRACE GREEN MINERAL, TRACE CARBONACEOUS DETRITUS, VERY POOR POROSITY.	
						SHALE, LIGHT-MED BLUE GREY FIRM, SUBFISSILE, COMMON CARBONACEOUS FLECKS AND MINOR LAMINAE, MICROMICA, GRADING TO & INTERBEDDED WITH SHALE, SILTSTONE, SILTY SANDSTONE & SANDSTONE AS ABOVE.	
	1000					FLUOR & CUT AS ABOVE.	
		BYPASS SHAKERS; NO SAMPLES OR GAS CURVES PRACTICAL					
						SANDSTONE, AS ABOVE, WITH MINOR MEDIUM BROWN HARD MOD ARGILLACEOUS SIDERITE AND CALCITE - POSSIBLY VEIN INFILLING. COMMON-ABUNDANT CALCITE CEMENT.	
						W 9.3, V 38, PV 11, YP 9, GEL 4/8, F 9, FC 1, SOL 7%, SD TR, PH 9, CL 300	
QUINLAN						SILTSTONE, LIGHT GREY TO OCC MED BROWN, FIRM TO MOD HARD, ARENACEOUS IN PART, ARGILLACEOUS IN PART, SUBFISSILE, MOD ALTERED FELDSPARS, MICROMICACEOUS, TRACE TO COMMON CARBONACEOUS FLECKS AND LAMINAE.	