TRIATHLON 2900 Walkley Road Ottawa, ON K1B 3P9 (613) 731-0671 PROJ. NO. 9237-A61-1E LINE NO. BW-7-97 PART NO. 1 OF 1 R.R. 8X

9237-A61-1E

| | |
|---|---|
| PROVINCE N.W.T | COMPANY AEC (West) |
| NO. BW-7-97 | FIELD OR AREA MOUNTAIN RIVER |
| LSD. SEC. TWP RGE. W LOC. G.P.S. | LAT. 65°25'58" LONG 129°07'52"W |
| ELEV. RT SF T.D. COMM COMP | GRID NO |
| LOGS: OILL, IES, SGR, ML, MLL, VEL, CDM; DENSITY, DIRECTIONAL, CALIPER, CORE PHOTO, MACROPALEO, MICROPALEO, PALYNOLOGY | FMS PENETRATED (AND TOPS): KEE Scarp Fm |
| PRODUCTION DATA: DESCRIPTION BY, BOB WORNUM; MEASURED BY, C. SHERRY | REMARKS: ON WESTSIDE OF MOUNTAIN RIVER DOWNSTREAM from its JUNCTION with GAGNA RIVER; Photos BW 15-19, 25, 26 are of KEE SCARP EAST OF MOUNTAIN RIVER; Photo BW-8-18 shows Canol/KEE SCARP |
| LOGGED BY R.H. (Bob) WORNUM; DATE JULY 19, 1997 | PLOTTED BY G.D. Andrews; DATE; SCALE 1:120 |
| DRWG NO | ENCLOSURE NO. (1 inch = 10 feet) |
| TO ACCOMPANY | |

CRYSTAL - PARTICLE SIZE: · SAND-SILT X CRYSTALS; ○FRAGMENT (CARBONATE)

STRATIFICATION - SED. STRUCTURES

Columns: ERATHEM/SERIES, CHRONOLOGY, ROCK UNITS, TOPS (ERGO DATA), CORES, LITHOLOGY, POROSITY (CARBONATE PORE TYPE & AMOUNT: A PORES "VUGGY POROSITY", B PORES - INTERCRYSTALLINE & SANDSTONE POROSITY, C & D PORES - VUGS; 5%, 10%, 15%), COLOUR (FRESH, WEATHERED), FOSSILS & ACCESSORIES, ARCHIE SYMBOL, DESCRIPTION

Photos: OUBRUIZWS across MTN. R. EQUIVALENTS (BW-8-17, BW-8-26)

Canol or Imperial silty Shale, gray LST, MS nodules weathered outcrop a few tens of metres above highway

KEE SCARP outcrop

0m

LAGOONAL 4.7m — KEE SCARP LST MS interbedded w. Amphipora Floatstone. No Sample. Lagoonal TIGHT

4.7m

7.5m — INACCESSIBLE LST CLIFF — INACCESSIBLE LST CLIFF

12.2m

BACKREEF LAGOON 8.7m — LST Lime MS & bituminous lime WS with 10-50% Amphipora floatstone (WS); Coralaceous or bituminous filling rhythmical beds 5 to 20cm thick tiny thin interval nodules & stroms & 10-20cm; Live oil liberated from dk Amphipora rich rocks by acid; Trace patchy ?? microporosity

20.9m

RESTRICTED BACKREEF 11.8m — LST RESISTANT Bituminous Lime MS + fine WS (restricted back reef); Tight beds 10-20cm thick; From 4m to top of unit LST is completely covered with calcrete, Amphipora floatstone w/ trace intrafossil porosity, LIVE OIL liberated by acid from dark hued rocks

32.7m

6.3m — LST MS Bird's eye MS w/ Ostracods; Fr Amphipora 10% irregular spar infilling; Tight Dense 0.5m thick interval at Base

39m

5.1m — LST RESIST WS matrix w/ GD & cylindrical & radular Stroms packs. Fgained Spar cement GS

42.1m

4m — LST Recrystal. F-M(PS) Spar cemented (GS) w/ fr intergranular porosity, few Amophy, radular & cylindrical Stroms

46.1m

11.2m — LST MASSIVE RESISTANT Thick Bedded discontinuous intervals w/ lenticular & hemispherical Stroms, Patchy micro-porosity in matrix, also intrafossil porosity in lower 5m. Most of unit is interbedded cylindrical Stroms. WS & fine MS SS upper half & lower half partly bituminous plugged

57.3

0m — LST sl. bituminous F-VF(PS) Fractured Tight to fr. Intergranular

LAGOONAL BACKREEF 8.6m — LST MASS RESIST. lower 1m w/ GD + GS massive, above is PS-GS F-VF matrix w/ 10-30% cylindrical Stroms; LST MS interbeds; 1m part bituminous WS

(9.6) BIOSTROME 2.7 — PS STROMS Biostrome ?; PS-WS LST 30-50% bundle cylindrical Stroms & corals in bituminous lime WS matrix

BASE OF SECTION — RUDSTONE Strom & Corals, Stroms & corals is surrounded by bitumen

GENERAL COMMENTS: Lower part of Section is Strom-Coral Biostrom OVERLAIN BY BACKREEF & LAGOON-LST

Photos TALUS BLOCK LITHOLOGYS

Photographs of talus Blocks
BW-8-21 Cylindrical Strom Rudstone nodules and Amphipora
BW-8-22 Amphipora Rudstone
BW-8-23 FRAGMENTS OF carbonized WOOD (tree trunk?)

Test wells in area on BW-7-97 NOT SEEN

Note: Similar to AMERAM WELLS KEE SCARP QUARRY