TRIATHLON 2500 Wickley Road Ottawa, ON K2B 6P3 (613) 721-0571 PROJ. NO. 9237-A61-1E LINE NO. AH-7-97 PART NO. 1 OF 1 R.R. 8X

9237-A61-1E

PROVINCE N.W.T.	COMPANY AEC(West)
NO. AH-7-97	FIELD OR AREA GORGE Creek 8
LSD. SEC. TWP RGE. W LOC. G.P.S.	LAT. 65°27'48"N LONG. 128°54'07"W
ELEV. RT SF T.D. COMM. COMP	GRID NO.
LOGS: DILL, IES, SGR, NL, MLL, VEL, CDM; DENSITY, DIRECTIONAL, CALIPER, CORE PHOTO, MACROPALEO, MICROPALEO, PALYNOLOGY	FMS PENETRATED (AND TOPS) CANOL, KEEGSCARP Upper
PRODUCTION DATA: DESCRIPTION BY, ADAM HEDINGER; MEASURED BY, G.D. ANDREWS; Critical Tie & overlap to BW-9-97 to completion	REMARKS: ~3 Miles West of Stratigraphic Cliffs. Approach via creek floor exposes thick section of Imperial Fm. including BOSWORTH SST Mbr. This is the upper portion of Section BW-09-97 "Gorge Creek"
LOGGED BY ADAM HEDINGER; DATE JULY 19, 1997	PLOTTED BY G.D. Andrews; DATE; SCALE (1:120)
DRWG NO; TO ACCOMPANY	ENCLOSURE NO. 1 inch = 10 feet

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

STRATIFICATION - SED. STRUCTURES

POROSITY: CARBONATE PORE TYPE & AMOUNT; 0% 5% 10% 15%; a. PORES - MATRIX POROSITY; b. PORES - INTERGRANULAR POROSITY; c. SANDSTONE POROSITY; d. PORES - VUGS

COLOUR: FRESH; WEATHERED

FOSSILS & ACCESSORIES; ARCHIE SYMBOL; DESCRIPTION

LITHOLOGY

Photo AH97-079

Thelon Unit

Lagoon → Back Reef

Lagoon → Back Reef

Back Lagoon

Restricted Lagoon

Lagoonal Back Reef Cycles

Reef Debris

Reef Debris

Reef Debris

Foreslope → ?Reef?

E0030W

Depth	Description
	Likely NO Canol more like Imperial ? CANOL? / Imperial Lithology SHALE / SILTS at top covered interval Rusty Contact Sol. con.
96m	S-17 Thelon Unit
94.5	S-16 LST WS/PS Strom outlst bioturbating
	Slide AH-97-079
	LST-MS tr. A
	LST. m-bedded Ca-rich fairly RESISTANT Amphipora - Strom Floatstone WS-PS
	Pellet PKST with rare sm. cr/pelmed strom
88.5m	S-15
87.5	LST. MS (1 Bed) v. DENSE RESIST.
Lagoon 85.5	S-13 LST WS-PS Amphipora Recessive
	LST Stromm Chpt Amph / MS m-thick Bedded RESISTANT Alternation of Amphipora WS/PS & dense MS, thin crystl strmgm
	Upper 1.5m Globular Strom WS-PS
77.5	S-12
75.5	S-11 LST ?MS? m-Bedded uncon Recessive Rubble
	LST MS? WS massive Bedded Very RESISTANT
	Sample AH-7-97 Unit 10 (9.5-9.1m) (B samples) See Detail
	Descriptions TIGHT Difficult to see fossils? entire unit
66m	S-8
63m	LST m-Bedded Interbedded Amph: PS/WS & Strom WS RESISTANT photo GA 14+15
57m	LST predominately LT BN MUDSTONE w/ variations Amphipora WS; Elongated forms
	Sample Unit 8 S-8 (0-6m)
	DENSE w/ hints of incipient Fine matrix Dolomite
	UNIT #7 9.5m Thick
	LST, alternating cycles of Amphipora & Strom rich units. THICK to MASSIVE Bedded
	RESISTANT Some Amph PS interbeds w/ bituminous films
	DENSITY LAGOONAL BACKREEF
	LST PS-BS Globular-cyclmd Strom Rud Strom Bear
	Cycles of Amphipora WS PS, Strom WS-PS it Capped by LST MS
	"SECTION GENERAL TIGHT"
35.5m	LST (A Floatstone
	Rocha/Thomm
	LST base WS Amph Elem. Pure MS grads upsection to Strom PS upper most 0.3m is Thomm-Horn Coral WS-PS
29.5m	Amphipora PS/WS Basal
	LST WS/PS PS? BS basal
	AT Base PS of Tab & Glob Strom hints of bitumen or Dead Oil? "TAGHAR STROM REEF"
24m	
22m	RESET LST MS? m Bedded BLK Carbonaceous partings Amphipora mid
	LST WS/PS m-Th Bedded Initially WAVER Stroms - Fine Branch Strom WS/PS to WS with abraded Strms more PRODS
17.5m	
	LST WS/PS Global Bulb A Thick Bedded RESISTANT w/ wacke Strom crinoid & abraded Stroms common Strom up to 12" across Slide GA-31
11m	
	LST
	m-TH. BEDDED RESISTANT ? REEF like? Stroms "TIGHT" NO POROSITY
	Basal FOREREEF Brachs, Rugosa + Gastropods Carpets Globular & digitate Stroms plus BRACHS & Stroms of crinoidal WS
0m	

Base of Section DESCRIBED MORE SECTION BELOW (See BW-9-97)

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