W-16 AMOÇO PRODUCTION COMPANY

CF 800101

SURFACE LOG

NAME W-16: NORTH FLANK OF SNOWBANK ANTICLINE ALONG KUKPOWRUK RIVER.

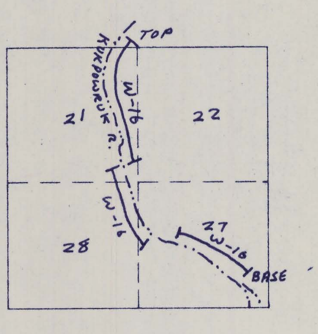
AREA OR QUAD POINT LAY B-2 QUAD. STATE WESTERN NORTH SLOPE, ALASKA

LOCATION ______ SEC. 21, 27, 28 TWN. 1N RNG. 44W

MEASURED BY R.L. STEWART, K.W. SHERWOOD, C.R. Williamson DATE 7/77

INTERVAL TOROK, KUKPOWRUK AND CORWIN FORMATIONS

REMARKS SAMPLES DESIGNATED "PL77 SA". SECTION PREVIOUSLY (1970) COLLECTED BY Lloyd Furer. FURER SAMPLES DESIGNATED "PL70 BS". SECTION CORRESPONDS TO U.S.G.S. SECTION #11 (S. FLANK BARABARA SYNCLINE), CHAPMAN + SABLE PROF. PAPER 303, PL.11.



plotted by: Beth King

PERIOD: CRETACEOUS
FORMATION/MEMBER: CORWIN FORMATION

CUMULATIVE FOOTAGE	SAMPLES WITH LAB DATA OR PALEO DATA	INTERVAL THICKNESS	DESCRIPTIONS
	PL70 BS46		Covered
			Coal streak
5745			
5730			
5720		1.5	Sandstone fine grained silty, brownish-green, moderatly calcareous, moderate abunbant carbareous material. No visual strat.
		34.4	Covered, probably shale with interbeded sandstone
5710			
5700			
5690			
		5.0	Sandstone, fine grained, brown-grey, silicate base. Top covered. Small scale trough cross laminations sets less than 1" thick
5680		38.5	Covered, probably interbeded sandstone and shale.
5670			
5660			
5650			
5640		2.0	Sandstone, fine grained, light brown, silicate, parallel lamination, carbareous material
		45.0	Covered. Abundant sandstone in floatation
5630			
	PL70 BS45		
5620			
5610			
5600			
		9.0	Coal
5590			
	RLS 245, PL77SA245 Ø=1.6 KmD = 0.0101	3.8	Sandstone fine grained, light grey, non-calcareous top and base covered. Climbing ripples Roots.
5580		20.5	Covered
5570			
5560		9.5	Sandstone, very fine grained, light grey, slicate calcareous, carbonaceous material, becoming abundant near top, no apparent bedding, siltstone interbedded near top, partly covered.
5550		50.5	Covered. Shale with minor Coal and Bentonite
5540			
5530			
5520			
5510	PL70 BS44		
5500		2.6	Sandstone very fine grained, medimum grey, non-calcareous Low angle climbing ripples, top and base covered
		8.5	Covered
5490		9.8	Sandstone, very fine-fine grained, becoming finer at top medimum grey, non-calcareous, mediam bedded at base, becoming thinner at top. 1-2 feet massive claystone bed near middle. Base and top covered.
5480		34.6	Covered
5470			
5460			
5450			
		0.9	Sandstone, very fine grained, mostly covered
		24.1	Covered. Probably silty shale
5440			
	PL70 BS43		
5430			
5420		5.3	Coal partly covered
		2.2	Sandstone, very fine grained medimum grey, non-calcareous abundant carb. material, top transitional base, covered Roots at top, non-visible strat.
5410		9.9.	Covered
5400		6.0	Sandstone very fimed grained, med. grey no visible strat.
		30.0	Covered
5390			
5380			
	PL70 BS42		
5370		8.8	Coal
5360		4.3	Sandstone, fine grained, med. grey, non-calcareous, Climbing Ripples with contoured lamination. Base covered, top transitional
5350		17.0	Covered
5340		1.8	Sandstone, very fine grained, med. grey, v. slicate abundant plant material, heavily burrowed upper surfaces, indicate vertical burrows 6" long, base and top covered.
5330		26.5	Covered probably shale
5320			
5310		3.8	Shaley coal
5300		10.0	Sandstone, partly covered
		2.1	Sandstone
5290		8.2	Covered
5280	RLS 244 PL77 SA244 Ø=1.5 KmD = 0.0059	5.4	Sandstone, very fine grained, light med. grey, mod. cal. Roots climbing, Ripples in upper part. Altitude N80W 28°N
		66.3	Covered. shale and coal in float
5270			
5260			
5250			
5240			
5230			
5220			
5210		3.2	Sandstone, very fine grained, med. dark grey, non-cal. sharp base gradaterial top Ripples in upper portion. Vertical wood fragment (stirup) 0.4 feet in diameter with inclined bedding toward center.
		25.9	Covered. Probably shale and coal
5200			
	PL70 BS41		
5190			
5180		2.3	Coaly Shale
		24.7	Siltstone with ironstone concretionary layers heavily rooted.
5170			
5160			
		2.1	Sandstone very fine grained med. grey slicate, sharp irregular base, small scale trough cross strat.
5150		6.8	Siltstone, noduler
		0.9	Sandstone, fine grained, med. grey, sharp base shale in lower part, climbing Ripples
		63.9	Covered, Bentonite slope wash upper 10 feet mudstone with ironstone concretions.
5140			
5130			
5120			
5110			
5100			
5090			