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NACHRAMKUNGA MTN. SECTION

Brooks Range, Alaska

Chandler Lake Quad NE 1/4 T15S R1E

Interval: Kanayut Fm. - Lisburne Fm.

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sample	lith	lith description
		Top of mtn.
3007-L-F	2000′	mgr Lmst-pkst w/ intbd blk mdst, m bdd occ cht nods in lower part. Sporadic fossil layers of cor & crin.
	1900′	
		Dol wkst m-bdd m gr. wthrs lt brn; intbd w/ dk gy Lmst-pkst & blk cht
	1800′	
		Intbd thn bdd Lmst mdst & wkst calc dol pkst & cht beds/nods. bdd irregular w/ pinching & swelling of mdst & cht through wkst beds. occ. crin hash bd & solitary cor.
	1700′	
	1600′	
		Dol Lmst-pkst m-c gr numerous cht beds possible x-lams
	1500′	
	1400′	
	1300′	
		Dol wkst m-bdd m.gr. wthrs lt brn
	1200′	Alternating bdd/nod cht & Lmst bioclastic wkst & pkst occ widely spaced fos bed w/ crin, sol. cor, bry, brach.
	1100′	
3006-L	1000′	
		Thn bdd m-gr crin pkst w/ intbd cht beds. cht is blk wthrs gy. fines upward to wkst cht beds thin & become nod upward. fetid odor in upper 15′
	900′	
	800′	c-g crin hash pkst/grst w/ occ blk cht nod. lt gy wthr gy. m. bdd upper contact v irregular. sol cor at top.
3005-C		covered interval
3004-L	700′	
		Dol m-gr grst thk to v. thk bdd. lt gy-wthr gy gr size coarsens upward w devel. mega ripples intbd thn crin layers <1′ some grst bed are slightly clac.
	600′	
	500′	covered interval talus indicates blk sh
	400′	
3003-C	300′	Lmst pkst dk gy wthr brn sl dol w/ crin bry orc brac. sl fetid ordor
		covered interval
	200′	
		Blk fissile sh. non calc highly contorted
	100′	
3002-P		
		contact with Stuver mbr. of Kanayut Fm is obscured by folding & thrust fault. No basal SS present
3001-P	0′ fault	Blk f g sltst non calc. m indur. wthrs red-brn v. thn bdd (1/2-2″) reg. bdd w/ wavy lams tracks & trails on bdd surfaces.
		intbd fissile sh blk unfossiliferous, thk bdd <10′ thk. and SS lt brn f gr 2″-1′ thk x-lams, fe, wthrs, red-brn.
		Covered