Geol. Memo. #152 Encl. # 44

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Marshmallow Ridge Section

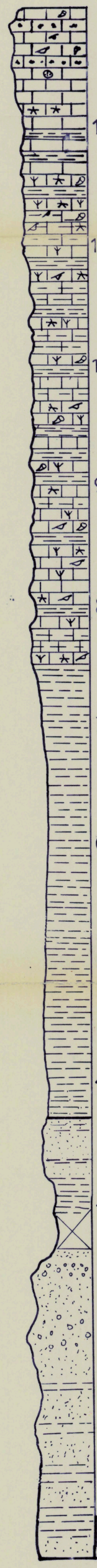
Brooks Range, Alaska

Chandler Lake Quad. SE 1/4 T 14S R 5E

Interval; Kanayut Kayak Lisburne

By Abrahamson, Dalness

June 6, 1970



sample	lith description
4014 C	Not measured above this point
	Intbd pkst-grst & wkst brn-gy w/ crin stems & calyxes in upper part, bry, brac, cor both solitary & colonial. wkst contains blk cht nods. mnr. sh bds near base Thk-m bdd.
4013 C	
	Intbd grst & calc sh; grst is gy-blk & wthrs brn-yel sh is gy, grs w srtd Thk-m bdd
4012 L	
	wkst-pkst & intbd calc sh; Lmst is blk-gy & wthrs brn-yel. sh is gy; unit is v. arg. crin, bry sol cor brac thn-m bdd
4011 C	
	60% gy calc sh intbd w/ pkst & mnr grst; sh is gy; Lmst is dk. gy-blk wthrs yel-brn. contains bry crin, brac & occ sol. cor. occ ripple in grst. wvy lam in pkst
4010 L	
Miss (?) 4009 P	
	Sh, blk, fissle, burrows, plant stems; non calc.
Early Miss (?) 4008 P	
	Intbd sh & sltst; lt gy, fissle - v. thn bdd - tracks & trails burrows in sh. non-calc; 1' coal bd near base.
4007 L	
Famen. 4006 P	Intbd ss & sh; ss is F to m gr w srt w rd. mostly qtz; sil & Fe cement; lt gy wthrs rd-brn fissle w/ even & x lams & burrows: sh is blk, fissle some ripples.
4005 P	Sh, blk, fissle, w/ plant stems
	Covered Interval
4004 L	Intbd ss & cgl. ss is lt gy wthrs yel-brn v f. to c gr Fe sub rd 90% qtz 10% chert sil cmt m. bdd Lam good por: cgl clasts to 2" chert & wh qtz v c. matrix w/ mnr ss. Fe, Si cmt. thn bdd wood frags in top part.
4003 L	
4002 L	
Famen. 4001 P	
	Intbd sh (90%) & ss (10%) sh is blk w/ plant stems fissle. ss is lt gy, wthr brn-yel, f grn. sub rd. w srt. 90% qtz & 10% chert, sil cmt m bdd lam.