Geol. Memo. # 152 Encl. # 45

CF71 1028 0036

MARSHMALLOW MTN. SECTION

Brooks Range, Alaska

Chandler Lake Quad T. 14 S. R. 5E.

Interval: Kanayut Fm.

By: D. Mikesh, R. Rossetter

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sample	lith	lith description
		not measured above this point
		Basal Kayak Ss, F. gr, x-lams, bioturbated
Famennian 3036 - P		
		Blk Sh w/ occ Fe zone
		Cgl, Lt gy m - Thk bdd. mostly cht clasts To 2" in dia. Ss matrix qtz subrd m-srtd uniform throughout, no structures.
		Ss, thn bdd, gy, m, v. f. gr, qtz, Fe, w/ Thn x-lams, stfd w/ some clay size particles.
Stuver member		
		Intbd ss & Sh: ss is DK gy V. Thn to thn bdd, V. F gr mostly qtz. w/ abundant plant remains; Sh, blk carbonaceous slt. w/ plant frags.
		covered interval
		Intbd ss & Sh; sh is blk, carbonaceous w/ abundant plant frags. Ss F. gr, Fe, qtz; w indurated, w sorted, subangular to sub-rounded
Famennian 3037 P		Massive cgl. mostly cht clasts 1-6" w rd in matrix of coarse poorly srtd qtz ss. weath DK brn Unknown thickness not measured
		Lower cgl, Fe, poorly srtd, massive matrix of F-C qtz ss. cht clasts > 1" dia. wthr DK. red-brn Thickness not know: interval not measured.