

SLATEPILE MTN SECTION

Central Brooks Range, Alaska

Wiseman Quad long 151°W. lat 67°55'N

Interval: Hunt Fork Fm. - L. Kanayut Fm.

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sample lith lith description

4035 L

Frans(?) 4036 S.P

4037 L

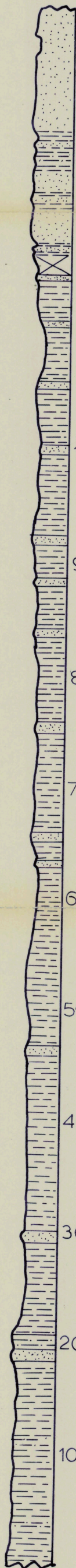
Frans(?) 4038 P

Frans(?) 4039 P
1026 L

Frans(?) 4041 P

4042 P

Frans(?) 4043 P



Not measured above this point

Ss m gr w rd + srt mostly qtz. w/ mnr. blk cht sil cmt tight; frs mgy wthrs rd-brn. m to Thk bdd. mas appear, current x-lams to 2" Thk. mica bd planes

Intbd Ss, Sh + mnr siltst; Ss similar to above but sl calc. in part, m bdd. scour + fill channels, osc. ripples. Sh are blk. fissile w/ plant frag; siltst mostly qtz, frs dk mgy, wthrs rd-brn. F. lam. burrowed, mica on bdd surfaces

covered interval

Intbd Sh + Ss. Sh, frs blk wthrs dk gy to blk. Sl silt, fissile, thn lam + planar. Ss f-m gr w rd srt. mostly qtz w/ mnr cht, mica on bdd planes; frs lt-gy, wthrs yel-brn, thn bdd, waxy bdd. Ss bds thn downward + f. downward. x-lams w/ rd, gy sh clasts, w cmt w/ Si. plant frags, groove + load casts, mud cracks, ripples + burrows were seen. is sh float.

siltst, mostly qtz, mica on bdd planes, frs mgy wthrs rusty brn lam to thn bdd. fissile, waxy lam osc. ripples 1/16" amp, burrows. Ss m gr. w rd + srt. qtz. frs mgy wthrs same thn bdd x-lams to 1" si cmt contact covered.

Sh, v. arg, sl calc, frs mgy, wthrs m to dk gy; thn lam + fissile, waxy feel. mnr thn bdd qtz siltst

Not measured, but appears to be greater than 2,000' thick