CF75 0040 (12)

Amoco Production Company

Surface Log

Name UPPER BUBB CREEK* (LIMESTONE HILLS)

AREA OR QUAD TALKEETNA MTNS (A-2) STATE ALASKA

LOCATION NENE. Sec. 28 TWN 23N RNG 10E, SM

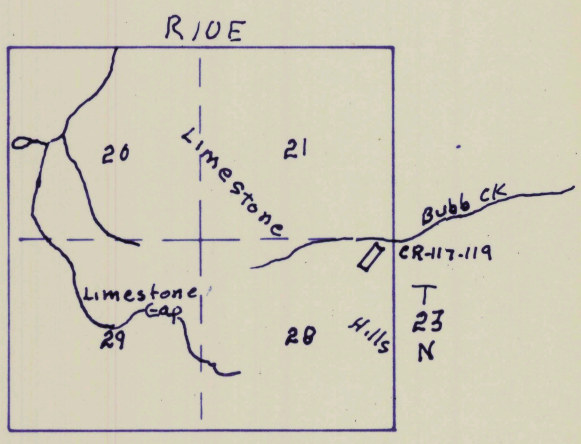
MEASURED BY D. Powell, D. Loney, G. Streeton DATE 8-5-74

INTERVAL L. Cretaceous - basal Matanuska Fm. (Albian age)

REMARKS In Synclinal area near Limestone Gap. Mapped by Grantz, 1965 as Albian age overlying the Nelchina Fm. Measured down section. *Incorporated into Jones & Grantz, 1967, Limestone Hills generalized section. USGS PP 547, p. 5-7.

LOCATION N W

PLOTTED BY JDP DATE 11-18-75



PERIODS	EPOCHS	GROUP or FM.	MEMBER	AGES (Stages)	FOSSILS	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY (P F G)	SAMPLES	DESCRIPTION
TERTIARY					USGS MESOZOIC LOCALITY							Cgl.
												Normal Fault
	U.K		U. PART	Camp-Maest								Sltst, Olive-gy, containing fossilif. Ls Concs.
												Disconformable
CRETACEOUS		MATANUSKA FORMATION	LOWER PART	Late Early ALBIAN	M553			100				Clyst, slty and sltst, olive-gy, contains fewer Ls Concs and ammonites than below
					M554, M555, M556			200				Clyst, slty and sltst. contains numerous ammonite bearing Ls Concs.
					Brewericeras hulenense zone			300				Forms bro-gy, wx'g slopes
												Sltst, Lt. Olive-gy (dk yell-bro wx'd chips), contain large Ls lentils and fossil wood. forms bro-gy slopes.
					M557. Aucellina mofftites robustus			400				SS, variegated, m.g. current bedded w/ large sdy, calc Concs. Littoral or inner sublittoral marine deposits contains pelecypod & Ammonite
				Early ALBIAN								SS, int'bd w/thin layers sltst & coaly sh. nonmarine
								0			CR-119P	Cly sh, bro-yell, sdy
								25'				Coal beds, bk, soft, subbit, badly wx'd, three seams 2½-4' thick int'bd w/ cly sh
								50'				
								75			CR-116P	Coal beds, aa, few inches to 3', much soft cly sh, int'bd.
								90			CR-117P	Sh, gy, wx's bro, soft, badly wx'd, w/thin coal stks, ¼-½", much foss. wood.
								100'				
								150'			CR-118P	Cly sh, fault in this interval (May have measured same interval)
								600				SS, olive gy, wx's yell-bro, m&fg, current bed'd, nonmarineness.
		NELCHINA FORMATION	UPPER SAND UNIT	NEOCOMIAN								Sltst, olive-gy
								700				SS, olive-blk, calc
								00				
								800				

1. Brewericeras hulenense zone indicated by abund Ammonites in USGS Mesozoic Localities M553 - M556 + Nearby Locs M559, 24877 & 25320

Forms Identified

Brewericeras hulenense (Anderson)
Anagaudryceras sacya (Forbes)
Arethoplites talkeetnanus (Imlay)
Freboldiceras singulare (Imlay)
Grantziceras affine (Whiteaves)
G. ghabrum (Whiteaves)
Lytoceras n. sp
Hulenites sp.
parasilesites bullatus Imlay
puzosia alaskana Imlay