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# Amoco Production Company

## Surface Log

**Name** NORTHEAST SYNCLINE MOUNTAIN (No. 2, Grantz, 1953

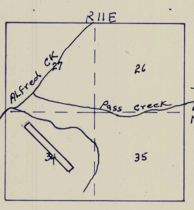
**AREA OR QUAD** ANCHORAGE (D-1) **STATE** ALASKA

**LOCATION** NENW, SWNW, NWSE **Sec.** 34 **TWN** 2N **RNG** 11E, SM

**MEASURED BY** A. Grantz, USGS, open file, Section #2 **DATE** 1953

**INTERVAL** Upper Cret. Matanuska Fm. - Upper SS & Siltst unit.

**REMARKS** One mile south of Alfred Creek on a Tributary entering six miles east of Caribou Creek.
Replotted at scale 1" = 100'



**LOCATION** ____ **N** ____ **W**

PLOTTED: P. ALVAREZ DATE: 4-1-75

| PERIODS (SYSTEMS) | EPOCHS (SERIES) | GROUP OR FORMATION | MEMBER | AGES (STAGES) | Fossils | CORES | SHOWS | DEPTH | LITHOLOGY | POROSITY | SAMPLES | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

CRETACEOUS

UPPER CRETACEOUS

MATANUSKA - FORMATION

UPPER SANDSTONE AND SILTSTONE MEMBER

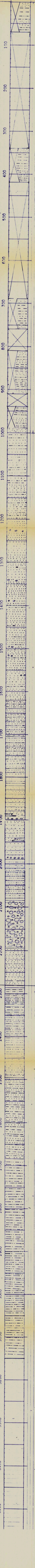
MAESTRICHTIAN

MAESTRICHTIAN

LATE CAMPANIAN AND/OR

LOWER SHALE AND SILTSTONE MEMBER

CAMPANIAN



70'

Largely unexposed

270' Predominantly siltstone. Massive units of siltstone, shale, and sandstone alternating with thin-bedded units of interbedded shale, siltstone, and sandstone

80'

270'

70'

50'

100'

30'

50'

630' Olive-gray, medium and thick-bedded, fine- and medium-grained, arkosic sandstone. Locally pebbly. Thin siltstone beds become numerous towards top.

20' Laminated siltstone with sandstone layers.

65' Lenticular, thick and medium bedded fine grained arkosic ss with thin medium interbeds of shale and siltstone.

115' Dark gray siltstone w/ beds of medium grain, sandstone.

175' Olive-gray thick bedded to massive, fine grained, arkosic sandstone. generally pebbly. In places silt or pebble lenses occur.

95' very dark olive gray, massive, sandy siltstone.

110' Massive pebble and cobble cgl. with feldspathic sandstone matrix.

100 Greenish-gray-medium bdd, very fine grained, arkosic ss. Inter-bedded with silty shale to base.

40' Gray thin bdd, silty shale with very thin beds of hard siltstone.

170' Gray massive silty shale with few thin layers of hard siltstone.

190' Interbedded gray siltstone, shale and sandstone in thin beds.

465' Medium dark gray massive siltstone and silty shale.