CF75 Map 1

Amoco Production Company

Surface Log

Name LUBBE CREEK

AREA OF CORE McCARTHY (C-1) STATE ALASKA

LOCATION Approximately 22 miles up Lubbe Creek from its confluence with the Kennicott River, 5 miles SW of McCarthy, Alaska

MEASURED BY D. Lovell, G. Greenlee, D. Zenz DATE 8/26/82 to 9/4/82

INTERVAL 0' to 4,156' MD, Base Kennicott Mbr. to Base of McCarthy Fm.

REMARKS Measured, Estimated, and Sampled along Lubbe Creek and its tributaries. The main stretch is called Lobe 'A' and the lower ridge to the South is the spur designated here as Lobe 'B'. Key beds and marker horizons are described in detail. Key beds are also correlated with nearby sections.

LOCATION

PLOTTED BY JDP DATE 8/28/82

RISE

PERIODS	EPOCHS	GROUP OR FM.	FORMATION	MEMBER	BASE (Feet)	FOSSILS	CORE	DEPTH	THICKNESS	DESCRIPTION	8	9

Unconformably Overlain by Tertiary Fredericks Formation (Siltstone unit)

Sh, dk gy, sl; fiss, bd, w/ platy to blocky, sl bur. Thin interbd. of dk gy, vf-f ss. Rx, Recrystallized, Fossil Calc. Horiz.

Upper 200' Fm. by Lovell and Zenz in Chitistone Limestone and Root Glacier Members of Skolai Group (Upper Triassic and Lower Jurassic), 1981, USGS Bull. 1323

Cgl, pebbly, calcareous, conformably over Silty U. ss. Thick bedding, Thick to massive fining-upward sequences. Clasts are Rounded, Well Sorted, up to 3" in diam. Clasts are Predominantly Limestone, Chert, and Volcanics. Matrix is Fine Sand to Silt. Fossils are Abundant. Pebbly ss. and Conglomerate Lenses Common.

Sandy Cgl, Composed of Same Pebbles and Cobbles as Underlying Pebbly Cgl. Matrix is Medium Sand to Granules. Poorly Sorted. Thin Bedded. Thick Bedding Planes Are Wavy and Irregular. Fossils are Abundant.

Sh, dk gy, bd, Silty in pt, Calc. Abundant Fossils. Locally Fossiliferous Ls. Beds Thin Over Inches to Feet. Ls Beds are Dense, Micritic, Thin Bedded, Platy Fracture. Sh Beds are Fissile, Platy to Blocky. Ls Beds are Resistant to Weathering and Form Ledges. Sh Beds are Recessive and Form Slopes. Ls Beds Are Gray on Fresh Surface and Weather Light Gray to Tan. Sh Beds are Dk Gray on Fresh Surface and Weather Dk Gray to Brown. Ls Beds Are Fossiliferous. Sh Beds Are Unfossiliferous.

Sh, dk gy, bd, Silty in pt, Calc. Abundant Fossils. Locally Fossiliferous Ls. Beds Thin Over Inches to Feet. Ls Beds are Dense, Micritic, Thin Bedded, Platy Fracture. Sh Beds are Fissile, Platy to Blocky. Ls Beds Are Fossiliferous. Sh Beds Are Unfossiliferous.

Sh, dk gy, bd, Calc. Ls and Shale beds interbedded on inch to foot.

Sh, dk gy, sft, bd, Calc and Shale beds interbedded on inch to foot.

Sh, gy, sft, bd, f-mfg, bd, Calc.

Cgl, pebble to cobble with Clasts of Sh and Ls.

Weather differently, intensely dark, and fissile. Contains abundant fossils. Fossil Zone 1 (Cardioceras). Fossil Zone 2 (Cardioceras). Fossil Zone 3 (Cardioceras). Fossil Zone 4 (Cardioceras). Fossil Zone 5 (Cardioceras). Fossil Zone 6 (Cardioceras). Fossil Zone 7 (Cardioceras). Fossil Zone 8 (Cardioceras). Fossil Zone 9 (Cardioceras). Fossil Zone 10 (Cardioceras). Fossil Zone 11 (Cardioceras). Fossil Zone 12 (Cardioceras). Fossil Zone 13 (Cardioceras). Fossil Zone 14 (Cardioceras). Fossil Zone 15 (Cardioceras). Fossil Zone 16 (Cardioceras). Fossil Zone 17 (Cardioceras). Fossil Zone 18 (Cardioceras). Fossil Zone 19 (Cardioceras). Fossil Zone 20 (Cardioceras). Fossil Zone 21 (Cardioceras). Fossil Zone 22 (Cardioceras). Fossil Zone 23 (Cardioceras). Fossil Zone 24 (Cardioceras). Fossil Zone 25 (Cardioceras). Fossil Zone 26 (Cardioceras). Fossil Zone 27 (Cardioceras). Fossil Zone 28 (Cardioceras). Fossil Zone 29 (Cardioceras). Fossil Zone 30 (Cardioceras). Fossil Zone 31 (Cardioceras). Fossil Zone 32 (Cardioceras). Fossil Zone 33 (Cardioceras). Fossil Zone 34 (Cardioceras). Fossil Zone 35 (Cardioceras). Fossil Zone 36 (Cardioceras). Fossil Zone 37 (Cardioceras). Fossil Zone 38 (Cardioceras). Fossil Zone 39 (Cardioceras). Fossil Zone 40 (Cardioceras). Fossil Zone 41 (Cardioceras). Fossil Zone 42 (Cardioceras). Fossil Zone 43 (Cardioceras). Fossil Zone 44 (Cardioceras). Fossil Zone 45 (Cardioceras). Fossil Zone 46 (Cardioceras). Fossil Zone 47 (Cardioceras). Fossil Zone 48 (Cardioceras). Fossil Zone 49 (Cardioceras). Fossil Zone 50 (Cardioceras). Fossil Zone 51 (Cardioceras). Fossil Zone 52 (Cardioceras). Fossil Zone 53 (Cardioceras). Fossil Zone 54 (Cardioceras). Fossil Zone 55 (Cardioceras). Fossil Zone 56 (Cardioceras). Fossil Zone 57 (Cardioceras). Fossil Zone 58 (Cardioceras). Fossil Zone 59 (Cardioceras). Fossil Zone 60 (Cardioceras). Fossil Zone 61 (Cardioceras). Fossil Zone 62 (Cardioceras). Fossil Zone 63 (Cardioceras). Fossil Zone 64 (Cardioceras). Fossil Zone 65 (Cardioceras). Fossil Zone 66 (Cardioceras). Fossil Zone 67 (Cardioceras). Fossil Zone 68 (Cardioceras). Fossil Zone 69 (Cardioceras). Fossil Zone 70 (Cardioceras). Fossil Zone 71 (Cardioceras). Fossil Zone 72 (Cardioceras). Fossil Zone 73 (Cardioceras). Fossil Zone 74 (Cardioceras). Fossil Zone 75 (Cardioceras). Fossil Zone 76 (Cardioceras). Fossil Zone 77 (Cardioceras). Fossil Zone 78 (Cardioceras). Fossil Zone 79 (Cardioceras). Fossil Zone 80 (Cardioceras). Fossil Zone 81 (Cardioceras). Fossil Zone 82 (Cardioceras). Fossil Zone 83 (Cardioceras). Fossil Zone 84 (Cardioceras). Fossil Zone 85 (Cardioceras). Fossil Zone 86 (Cardioceras). Fossil Zone 87 (Cardioceras). Fossil Zone 88 (Cardioceras). Fossil Zone 89 (Cardioceras). Fossil Zone 90 (Cardioceras). Fossil Zone 91 (Cardioceras). Fossil Zone 92 (Cardioceras). Fossil Zone 93 (Cardioceras). Fossil Zone 94 (Cardioceras). Fossil Zone 95 (Cardioceras). Fossil Zone 96 (Cardioceras). Fossil Zone 97 (Cardioceras). Fossil Zone 98 (Cardioceras). Fossil Zone 99 (Cardioceras). Fossil Zone 100 (Cardioceras).

Sh, blk, bd, Calc.

Sh, blk, bd, very fossiliferous, blocky to platy, sl calc/sl sandy. Sh, blk, bd, f-mfg, ripple laminated, sl calc, sl micaceous