


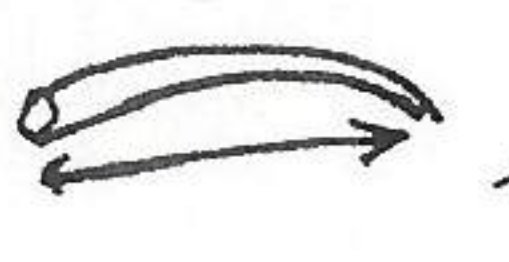


circumference at base, 500 mm; length greatest curvature, 2750 mm ; length tusk in straight line, 1410 ; upward twist or torque 700 ; cross section .

Photo 510727-6 Koalak drill with yellow oil or fuel lens in foreground.

Photo 510727-7 Permafrost layer at seasonal road 1/2 mile SE of camp at Koalak. Ice of unknown depth.

Photo 510727-8 General erosion of old road showing permafrost ice to left. may be either wide ice wedge or lake.

Photo 510727-9. Ibid with original base of road indicated.

Two wagtails approached us as we entered camp. They flew back and forth calling. In general, this area good for Lemmings but not for birds (as compared to Popogavuk).

Enroute to landing lake made census of 60 meter wide x 6 miles long. Started 4:20 P.M. Day clear but cloudy. Colaptes lapponicus 12; Eracca melanotos 3; Lumnachornus guseus 1; Pluvialis dominicus 1; Labipes bilobus 2; Passerculus sandwichensis 1; Xema sabini 1 at lake. Arrived lake 4:45 P.M. at Koalak

collected the following mosses and lichens from camp area:

510727-12 Ochrolechia frigida (Sw.,) Lyngby S 2032 by E. Dahl.

510727-13 Peltigera aphthosa (L.) Willd.

510727-15 Sphaerophorus globosus (Huds.) Vainio by Dahl.

510727-16 Dactylina arctica (Hook.) Nyl. S 2027

510727-17 Cladonia rangiferina (L.) Web.

510727-18 Nephroma arcticum (L.) Torss. S 2029.

At landing lake more shorebirds than at Koalak but fewer longspur. Leaves of some willow & gooseberrylike plant yellow and red as if turning color. Departed for Point Barrow at 5:15 P.M. in Norseman plane. Enroute shot 50 feet of calcein (6 mm) of tundra, coastline and plane at Point Barrow upon landing. Photo 510727-10 of tundra and lakes. Observed 1 caribou

resting on sand bar along a river. Jones reports another caribou. Xema sabini generally distributed. Pacific loon, geese (fronted), glaucous gull, old squaw duck, sandpiper observed from plane. About 500 glaucous gulls at different points along ocean front.

Arctic Research Laboratory, Point Barrow, Alaska

July 28, 1951

Fog all day. In afternoon went to Bernierk Village where Mr. Cain was excavating one of the archeological mounds. Cain