

PHOTOSTATS OF MAPS FOR PROPOSED POWER PROJECTS IN
SOUTHEASTERN ALASKA

1. Orchard Lake Project - Revillagigedo Island.

3 sheets, scale 1:31,680

200 foot contour interval, many of which are dashed.

Area tributary to Orchard Lake shown and some additional area. Orchard Lake is at an elevation of 134, area of 1070 acres, and a drainage area of 59 sq. miles. Orchard Lake empties into Shrimp Bay through a very short stream. This stream must have a very steep gradient or a series of falls. The map is labelled "U.S.G.S. Survey" but is evidently an enlargement from a small scale map, otherwise more than a 200 foot contour interval would have been shown.

2. Orchard Lake Project - Revillagigedo Island.

Map in one sheet showing Orchard Lake and 100 foot contours up to elevation 500. Part of timber survey maps of 1917 and 1919.

3. Swan Lake Project - Revillagigedo Island

4 sheets - Scale 1:31,680. Contour interval 200 feet. Labelled U.S.G.S. survey. Apparently an enlargement from a small scale map.

Swan Lake drainage area

34.9 sq. miles

Gaging station " "

35.4 " "

Area of Swan Lake

1,050 acres

Elevation " "

220 feet

Outlet of Swan Lake to tidewater, 1.2 miles

4. Manzanita Lake Project, Revillagigedo Island

2 sheets - scale 1:31,680

Contour interval 200 feet.

Labelled U.S.G.S. survey. Apparently an enlargement from a small scale map.

Drainage areas

Manzanita Creek

34.5 sq. mi.

Manzanita Lake

25.6 " "

January Lake

2.6 " "

Mouth of North Fork

7.5 " "

Manzanita Lake, elevation

232 feet

" " area

1610 acres

Manzanita Lake outlet to tidewater,
along Manzanita Creek, 2.1 miles

5. Ella Lake Project - Revillagigedo Island

1 sheet - scale 1:31,680

200 foot contour interval.

Apparently an enlargement from small scale survey.

Ella Lake - Area - 1930 acres - Elev. - 248 feet

Length of Creek, lake outlet to tidewater, 2.5 miles

6. Mahoney Creek Project near Ketchikan, Alaska
2 sheets - scale 1:9,600
Planimetric map of Mahoney Creek and Upper and Lower Mahoney Lakes.
Elevation, Upper Mahoney Lake, 1900 ft. area 77 acres,
drainage area, 2.1 sq. miles
Elev. Lower Mahoney Lake, 7.6 feet; area 163 acres;
drainage area, 5.9 sq. miles
Upper to lower lake - 1.3 miles
Lower lake to mouth of creek - about 0.2 mile

7. Cascade Creek project near Petersburg.
4 sheets, scale 1:9,600. 100 foot contour interval. Shows Cascade
Creek from mouth up through Falls Lake and Swan Lake. Shows dam
site at outlet of Falls Lake and Swan Lake on scale of 1" - 100'.

Falls Lake

Elev. 1150 feet, Area 20 acres

Swan Lake

Elev. 1487, Area 614 acres

Subsurface contours shown down to 1300 feet.

Cascade Creek to outlet of Falls Lake, 1.6 miles.

Falls Lake to Swan Lake - 0.6 mile.

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8. Crater, Long and Tease Lakes Projects
Port Snettisham
Near Juneau, Alaska
4 sheets, scale 1:24,000. Contour interval 100 feet.
Authorities - Speel River Project, Incorporated.

Crater Lake

Area 610 acres, elev. 1012'

2 miles from lake outlet to tidewater.

Long Lake

Area 1180 acres, elev. 803

Creek from lake drops 600 feet in first half mile

9. Tease Lake
Area 200 acres. Elev. 1006'
3/4 mile from lake outlet to tidewater. Dam sites at outlets of
Crater, Long and Tease Lakes shown on a scale of 1" - 200 feet
with a 10 foot contour interval.

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10. Tongass Forest - Sheet Wrangell 1, 1935
Scale 1:63,360. Planimetric map showing Petersburg and area east and
northeast therefrom. Includes part of Cascade Creek and Swan Lake.

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11. Tongass National Forest Alaska, Copper River Meridian 1946
Scale 1" - 12 miles
Compiled planimetric map on which have been indicated a number of
power sites and the horsepower for same.
Map covers area from 54°00' - 60°00' latitude; 130° - 137° longitude.