ILLECILLEWAET RIVER AT REVELSTOKE

86 RPP 2

Field: April 14 to April 19, 1986
Office: May 14 to May 23, 1986

Requested by: - H. Nesbitt-Porter, Rivers Section
- J. Dyck, Regional Water Manager
Region 4.

The survey was carried out under poor to bad weather conditions by a 4-man crew under the supervision of Mr. T. Dignan.

Eleven (11) cross sections numbered 31 to 40 and 36A, as established by project 82 RPP 4 (Mr. B. Schubert) were rerun from original control.

Five (5) new cross sections numbered 41 to 45, located downstream of the 4th Street bridge were run and tied to the original control base (Geodetic Survey of Canada vertical datum and assumed local horizontal datum).

All cross sections are marked by bridge bolts or rebar on each bank. Right bank bolts for the new cross sections 41 to 45 are at the centreline of the B.C. Hydro dyke.

Some difficulty was encountered due to ice buildup on channel bars; however, the data obtained is an accurate representation of ground level elevations.

A discrepancy was found in Cross section 34, 1982 project. Data supplied has corrected version.

The data was computed, compiled and stored on VAX/VMS by Mr. J Duncan and Mr. B. Boyd, with the assistance of Mr. G. Roberts.

Data Returns:

To Mr. J. Wester, Head, Rivers Section, for distribution as required:

- 2 volumes containing 1982 and 1986 cross section profiles;
- 2 copies each of full sized plots for 1982 and 1986 surveys;
- Air photo enlargement - scale 1:4320 (approx.) showing location of cross sections, TBMs, and Monuments.
- 1 volume of photographs showing typical channel, XS's and anomalies

One volume of complete data and half-sized plots are on file with Surveys Section.

T.M. Dignan

86-05-23

T.M. Dignan
Party Chief