

SALMO RIVER AND ERIE CREEK

CODE # 112006
PROJECT # 88 FDC 4

Requested by R. Nichols
Special Projects

FIELD: Sept. 30th thru Oct. 11th 1988
OFFICE: Jan. 10th thru May 5th 1989

The survey was carried out by a nine man crew under the supervision of T.M. Dignan.

SURVEY LOGISTICS:

~~Ninety~~^{Eighty} seven cross sections were established and run on the Salmo River extending from Ymir downstream to the Little Salmo River confluence. Thirty seven cross sections were established and run on Erie Creek extending from the confluence to 500 metres upstream of Highway No. 3 bridge.

All horizontal positions are assumed and cross sections are related by traverse, utilizing a total station instrument, to Proj. 86RPP-4.

All vertical control was obtained by a double run combination of direct levelling and trigonometric levelling and is referred to various Geodetic Survey of Canada Bench Marks, 1983 Datum.

Sixty two vertical control points for photography supplied by S.R.M.B. were located, and controlled for New Floodplain Mapping - obtained mapping control was finalized and handed to S.R.M.B. in December 1988.

All requirements for Floodplain mapping channel survey were carried out. Further data as to Flows and High Water Marks will be obtained during 1989 spring freshette in cooperation with section Hydrometric unit and Special Project Section.

DATA RETURNS:

2 volume of complete data for Survey Section files.
- 1 volume Salmo River
- 1 volume Erie Creek
- 1 copy of vertical control

3 volumes of data for Special Projects Section
- 2 volumes Salmo River
- 1 volume Erie Creek

1 complete set of photos and pertinent control information to Surveys and Resource Mapping Branch - December 1988.

Data reduced and compiled by R. Edward and is stored on Vax/vms - Field Boof 2508 - Disc.s 1,2 & 3.
Level Data is contained in Field Book 2508 L-1.


T.M. DIGNAN

PARTY CHIEF.