NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

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OF MINES AND RESOURCES - MINES, FORESTS AND SCIENTIFIC SERVICES BRANCH

DOMINION WATER AND POWER BUREAU

R-40A

BF

STATION No. 8NL24 Lat 49° 27' 47" Long 120° 30' 35"

DESCRIPTION OF RIVER STATION Map 92 H/7

On Tulameen (RIVER)

at Princeton near Prov. B.C.

Established August 3, 1950, by J. Illington

Name of Observer David Muir P.O. Address Princeton

pay $5.00/mo. distance ½ mi. frequency of observation daily

($3.00/mo. (Ind.))

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc. On Highway Bridge at North end of Main Street of Princeton Bridge

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker. Canfield Wire Weight Gauge on upstream side of vehicle lane near the right bank of the bridge. Best

Description of the equipment from which measurements are made Standard Corbin Lock

At high water - From upstream padestrian walk using Type A reel and 100 lb. wt. or by using truck mounted bridge crane from railway bridge ½ mile downstream

At low water by wading about 300' above Railroad bridge

Location and description of initial point for soundings.

Right bank Bridge Abutment

Channel above the station: straight ~~WINDING~~ for about 500 feet, water swift, ~~SLUGGISH~~ etc.

Channel below the station ~~WINDING~~ curved for about ____ feet, water swift, ~~SLUGGISH~~ etc.

Right bank: high, ~~ROCKY OR GRAVELLY~~ ~~IN SPRING FRESHET~~ wooded ~~ROCK~~

Left bank: high, ~~WATER NOT USUALLY OVERFLOWS~~ clear ~~GRAVEL~~ etc.

Bed of the stream: rocky, gravel, ~~SMOOTH BOULDERS~~

W.S.C.

Number of channels at low and high water, approximate depth of water, etc.

One channel Water 2 ft. deep at GH 22.00 ft.

Note any condition which may affect the measurement, etc.

Possible backwater at high stage from Similkameen River

Bench-marks: Describe fully, give elevation above zero of the gauge and above sea-level or other datum, if possible; make sketch bringing out the principal features.

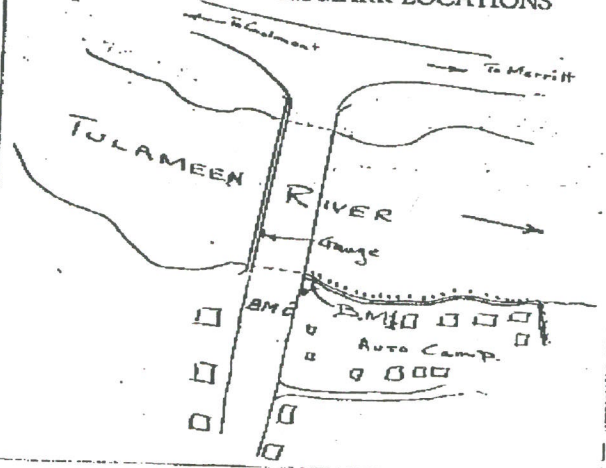
B.M.1 - Standard brass plug set in top of concrete retaining wall at East end of right bank bridge abutment. Elev. 29.66 above zero of gauge.

9.687 M

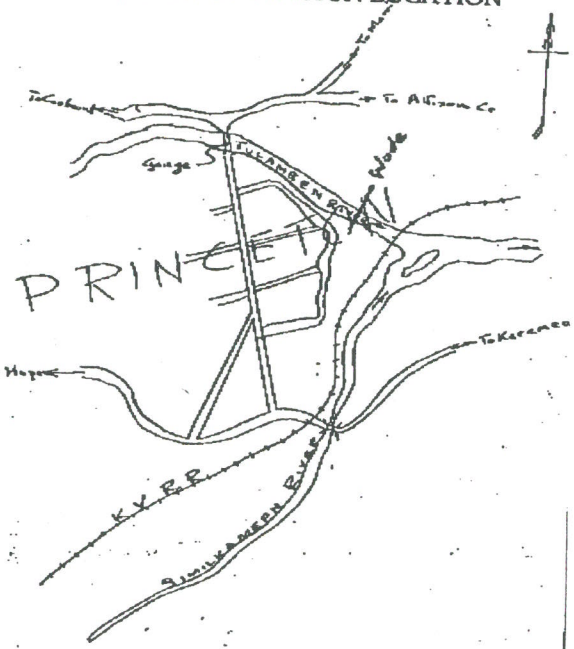
B.M. 2 (73) ELEV : 31.73 (73) Standard brass plug notched and set in vertical face of concrete wing wall on right bank downstream side 30' inshore

Take sufficient soundings to develop a cross-section of stream bed and, by use of level, develop banks to above high-water mark. Refer all elevations to gauge datum.

SKETCH OF BENCH-MARK LOCATIONS



SKETCH OF STATION LOCATION



PREPARED OR REVISED BY	DATE
I.F.	3 Aug. 50
D. DAVIES	June 73

Make a sketch showing the relative location of the station, gauge, bench-marks, tributaries, towns, etc.

LEVELLED B.M.2 TO GEODETIC BM 83C097 BY TECHNICAL SUPPORT SECTION IN JULY 1992 SEE PROJECT 92224056 FIELD BOOK 2609

GEODETIC ELEVATION GAUGE ZERO 626.114 METRES