(V-69)

DEPARTMENT OF ENERGY, MINES AND RESOURCES
INLAND WATERS BRANCH-WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08NE006

Station Name Kuskanax Creek

near Nakusp Prov. B.C.

Latitude 50° 15' 03" N. **Longitude** 117° 48' 44" W.

Map Number 82 K/5W **Scale** 1:7920

Established November 22 19 63 **By** W.J. Hurst, D. Sims

Reestablished _____ 19 ____ **By** _____

Relocated _____ 19 ____ **By** _____

_____ (miles, yards) (upstream, downstream) from _____
former location _____

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.
12 Miles upstream from mouth and 1 mile north of Nakusp Post office on Nakusp - Galena Bay Road.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
1-10 outside staff gauge (2 sections 1-5, 5-10) on left bank concrete wall 45ft downstream of rail bridge. Automatic recorder (on left bank 30ft downstream of bridge) operated from an off-set culvert pipe well. Manual tape gauge from reference point on top of pipe (see note - B.M.)

Description of the equipment from which measurements are made:
Cableway 10 feet downstream from recorder shelter

Location and description of initial point for soundings:
Initial point: left bank saddle on A-frame cable marked in 2foot intervals.

Description of channel or other conditions affecting control and discharge measurement:
channel: canyon above gauge; bed rock below gauge
to outside gauge
Control: large rock, gravel, and some bed rock.

Number of channels at low and high water, approximate depth of water, etc.: One at all stages. Extreme high stages creates additional channel to left approx. 100 feet below gauge

Coefficient for 2/10 method:

Note any conditions affecting the natural flow such as storage and/or diversions: Natural Flow

Crest-stage gauge description: None

Zero flow at G.H.:

Bench-marks: Describe fully, give year established, elevation above zero of the gauge and above sea level or other datum, if possible:
B.M.1 Elev. 27.89 (.72) top of right bank (downstream) streamward corner concrete bridge abutment. Corner points and marked BM.1
B.M.4 Elev. 7.85 (.72) Grey tip of white rock outcrop on right bank 70 feet downstream of railway bridge.
B.M.5 Elev. 7.74 (.72) Head of chrome lag bolt with brass washer set vertically into white rock 70 feet downstream of railway bridge and 11 feet from B.M.4
B.M.6 Elev. 12.26 (.72) Head of lag bolt with brass washer set vertically in concrete wall approx. 15 feet upstream of recorder shelter.

Elevated from G.S.C. 70C 120
- Elev. Above Gauge "0" = 12.19 (.99)
- Elevation of Gauge "0" = 1475.935

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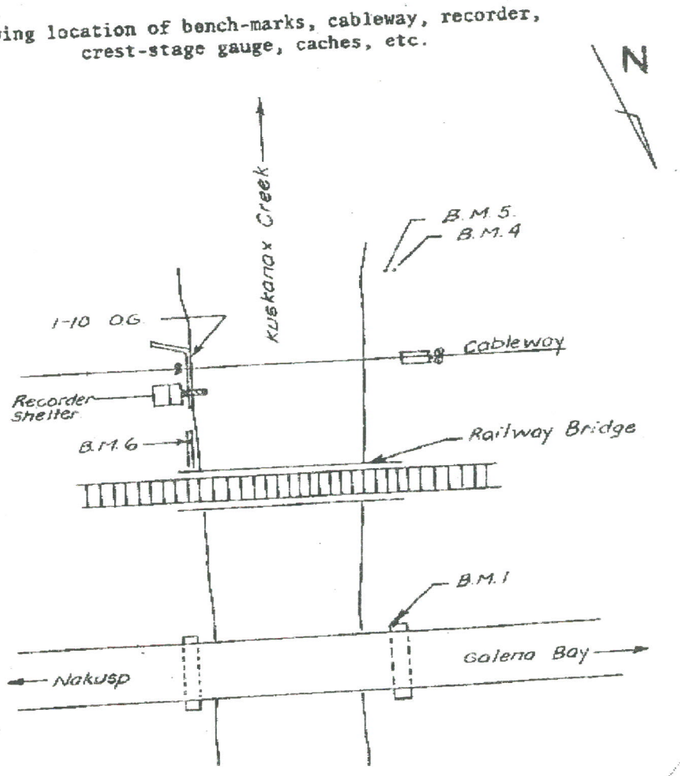
Note: Reference point pipe elevation: 13.06 (.76) on upstream lip of standpipe at ARROW

NEW DATUM: 522J ('70) ELEV: 1480.911
GAUGE "0" : 1475.935

Elevation of gauge zero: 1476.10 feet (G.S.C. Pub. 24 A 1961)
REF. G.S.C. B.M. 568 - J ('45) ELEV: 1481.075

SKETCH OF STATION

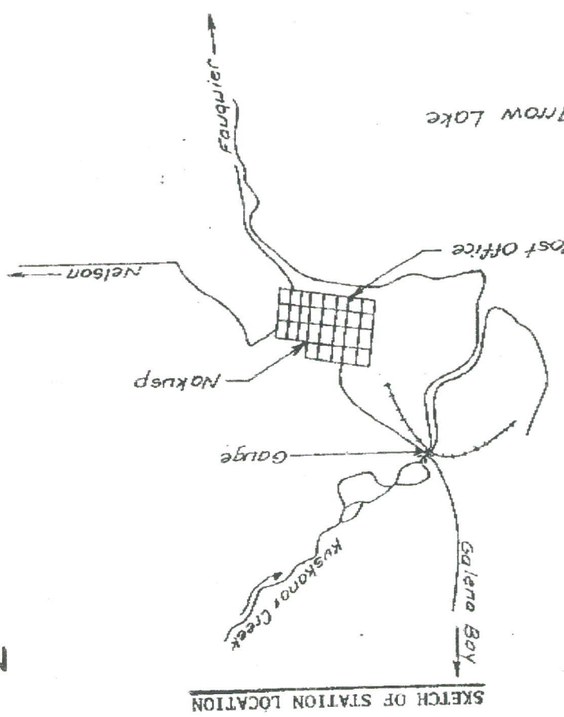
showing location of bench-marks, cableway, recorder, crest-stage gauge, caches, etc.



Trace a map and show the relative location of the station, towns, etc. Note map number used.

82K4W 1:50000
82K5W 1:50000

Prepared or Revised by	Date
T. Schwantke	Nov. 1 '72
L. Pasquik	Mar. 1 '73



SKETCH OF STATION LOCATION

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