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.

DEPARTMENT OF ENERGY MINES AND RESOURCES

WATER RESOURCES BRANCH

R-40 (5-5)

STATION No. 8FF-2 Map: 103 I/2, E½

DESCRIPTION OF STATION

On Hirsch Creek ~~Lake River~~

at ____ near Mouth Prov. B.C.

Located in ____ Sec. ____ Tp. ____ Rge. ____

Latitude 54° 03' 48" Longitude 128° 36' 00" W

Established 23 April, 1966 by L.E. Salkeld

Name of observer ____ P.O. Address ____

pay $ ____ distance ____ frequency of observation ____

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.: Four miles N.W. of Kitimat Service Centre 133 feet downstream of Highway 25 Bridge.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker: Upper intake pipe 02.16 Lower intake pipe 01.66 - A-35 RECORDER. 1.0 - 12.3 I.G. CANFIELD WIRE WEIGHT GAUGE WITH SOUNDING WEIGHT DIRECTLY OVER INTAKE PIPES (CANTILEVER TYPE)

Description of the equipment from which measurements are made:

Bridge on Highway 25. Wade at low stages

Location and description of initial point for soundings:

Channel above the station: straight or ~~curved~~ for about 300 feet, water swift, sluggish, etc.

Channel below the station: straight or ~~curved~~ for about 500 feet, water swift, sluggish, etc.

Right bank: ~~high, rocky, or~~ low, liable to overflow, ~~clean or~~ wooded, etc.:

Gravel and boulders

Left bank: ~~high, rocky, or~~ low, liable to overflow, ~~clean or~~ wooded, etc.:

Gravel and boulders

Bed of the stream: ~~rocky~~, gravel, ~~sandy~~, clean ~~or vegetation, shifting~~.

Gravel and boulders, reasonably stable

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

One channel all stages 0.5 low, 10' high

Note any condition which may affect the measurement, etc.:

good section

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:

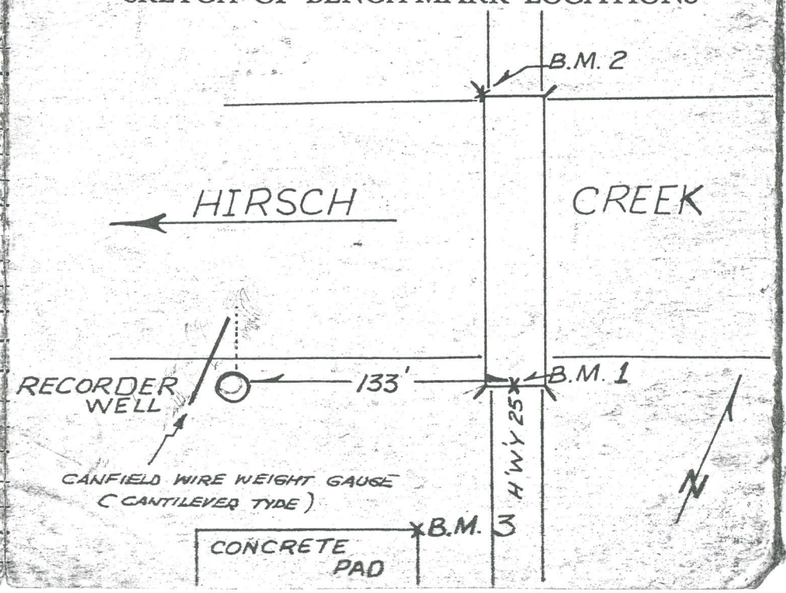
BM 1 Invert of 4" drain tile at centre line bridge abutment on L.B., near ground level. Local Elev. 13.10 ('66)

BM 2 G.S.C. BM 1887J. elev. 168.92 ('63). Local elev. 28.85 ('66 Zero gauge = 140.07 G.S.C. ~~1965~~ Edition ('63)

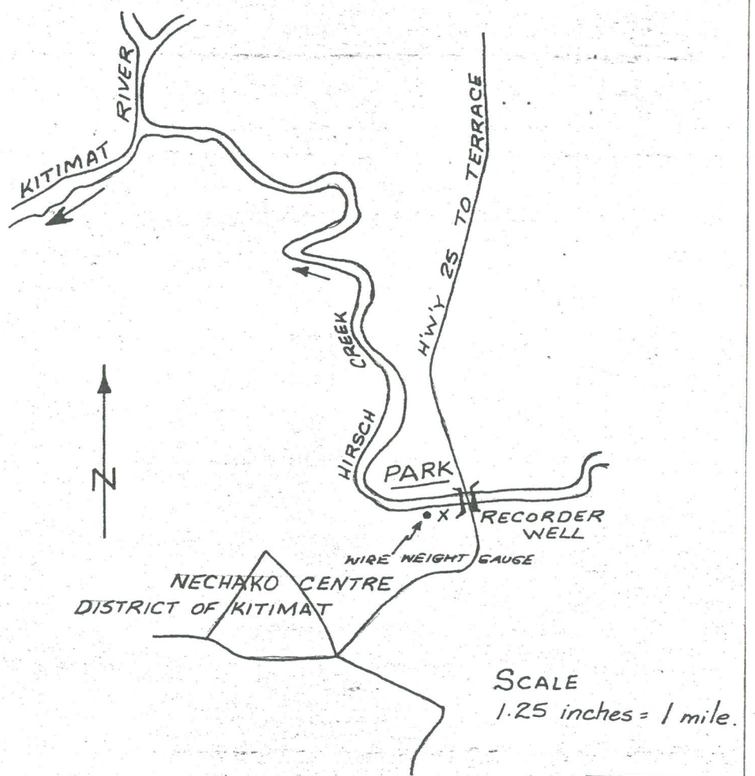
BM 3 Head of ~~nail~~ NAIL on 1/2" anchor bolt set into N.E. corner of concrete pad which is 0.25 foot from either side approx. 90 ft. E by S from recorder well. Local Elev. 15.70 ('69)

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
L.E.S.	JUNE '66
G.W.C.	SEPT. '69
G.W.C.	DEC '73

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