(V-69)

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

DESCRIPTION OF STATION

Station Number 08EE004 .

Station Name BULKLEY RIVER .

@ QUICK . Prov. B.C.

Latitude 54° 37' 05" . Longitude 126° 53' 55" .

Map Number 93 L SMITHERS . Scale 1:250,000 .

Established SEPT. 17 1930 By G.R. CORNISH .

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.
ON ROAD BRIDGE OVER BULKLEY RIVER @ QUICK
17 MILES EAST OF SMITHERS .

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
CHAIN GAUGE ON D.S. RAIL OF BRIDGE.
TOTAL LENGTH OF CHAIN IS 35.00 FEET.
GAUGE PLATES @ -3' to 12'.

Description of the equipment from which measurements are made:
BRIDGE CRANE FROM BRIDGE .
50 lb. WEIGHT @ LOW TO MEDIUM STAGE .
100 lb. WEIGHT @ HIGH STAGE .

Location and description of initial point for soundings:
STREAMFACE OF LB ABUTEMENT.

Description of channel or other conditions affecting control and discharge and discharge measurement:
BOTH BANKS LIABLE TO OVERFLOW @ EXTREME HIGH STAGE.

Number of channels at low and high water, approximate depth of water, etc.: ONE CHANNEL @ ALL STAGES .

Coefficient for 2/10 method: NONE .

Note any conditions affecting the natural flow such as storage and/or diversions: NONE .

Crest-stage gauge description: ELEV. OF BOLT ~~7.19~~ 7.11(76) STANDARD W.S. of C. CREST GAUGE ATTACHED TO BRIDGE APPROACH ON D.S. SIDE ON L.B.

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:

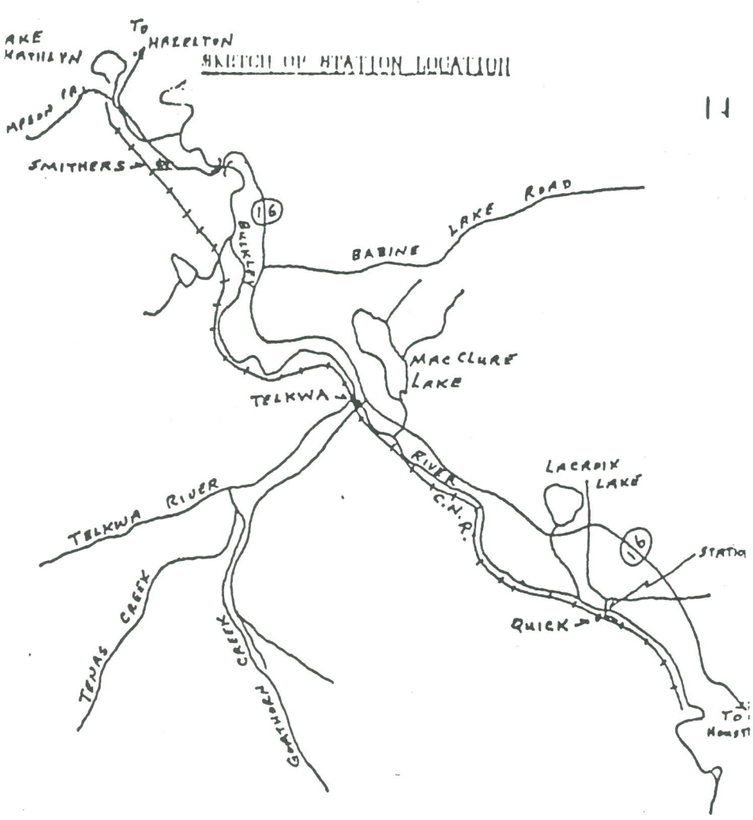
B.M. 1 - ELEV. 9.40 (74) HEAD OF LAGSCREW DRIVEN HORIZONTALLY INTO TRUNK OF COTTONWOOD ON L.B. ABOUT 100' D.S. OF BRIDGE.

B.M. 2 - ELEV. 10.40 (75) HEAD OF LAGSCREW DRIVEN HORIZONTALLY INTO 3' COTTONWOOD 100' NORTH OF STORE & 26' EAST OF L.B. BRIDGE ABUTEMENT. (NOT VERY STABLE).

B.M. 3 - ELEV. 9.28 (74) W.S. of C. BRASS CAP ON PIPE 25' U.S. OF B.M. 1.

CREST GAUGE - ELEV. ~~7.19 (74)~~ 7.11 (76).

SKETCH OF STATION LOCATION



Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.
~~93~~ 93 L SMITHERS
1:250,000.

Prepared or Revised by	Date
W.D. LUTSIAK	1/10/75
"	1/1/76

J.W.B.

ELEVATION GEODETIC.

BM3 = 525.723 METRES

MINISTRY OF ENVIRONMENT
WATER MANAGEMENT
PROJECT 85RPP-12
SEPT. 1985

Elevation of gauge zero:
FROM BENCH MARKS 79HA258 & 247H
TO W.S.C. BM 3

SKETCH OF STATION

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

N

