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.



Scale 1:20 000

NOTES

1. This uncontrolled mosaic has been prepared by the Surveys Subsection, Planning and Surveys Section, Water Management Branch, Ministry of Environment, Province of British Columbia.

2. AIR PHOTOGRAPHS:
Roll No. B.C. 77078 Frames 201-216
Date of Photography: August 7, 1977
Photo scale: Approx 1:20 000
Discrepancies in scale and detail along adjoining sheet edges may be apparent in this uncontrolled mosaic.

3. SURVEY DATA:
a) Basic horizontal control was propogated from Provincial network stations by E.D.M. and Tellurometer traverse. Positional intergrity was checked by periodic rays to network stations.
b) Cross sections were obtained by stadia, graduated rope or simultaneous fixes from theodolites which were set over coordinated shore stations. Water depths were measured by level rod or by Raytheon Depth Recorder, Model DE-719B.
c) The survey was carried out in July 1968 and 1981.

4. DATUM:
a) The horizontal control is based on Station "Sal", Brass Bolt No. 2433, and Station "Four Mile", Brass Bolt No. 2420, established by the Surveys and Mapping Branch in 1958.
b) Coordinates are Universal Transverse Mercator, Zone 9, Central Meridian 129°.
c) Elevations are in metres and are referred to Bench Mark No.'s 1206-J, 1210-J, 1211-J, 1213-J, 1216-J, 1217-J, 1219-J, 1221-J and 1222-J, Bella Coola--Hagensborg--Firvale, established by the Geodetic Survey of Canada in 1958.

5. FIELD BOOKS:
Survey data are recorded in Field Book No's 1891-A to G, 2299-F1 to F4, 2299-L1, 2299-L2 and 2299-I1.

6. REFERENCE POINTS

	ELEVATION		ELEVATION
T.B.M. 3183	86.952	T.B.M. 3571	72.288
T.B.M. 3184	75.776	T.B.M. 3572	72.302
T.B.M. 3185	76.989	T.B.M. 3573	73.840
T.B.M. 3186	80.655	T.B.M. 3574	72.650
T.B.M. 3187	83.906	T.B.M. 3575	74.778
T.B.M. 3188	86.592	T.B.M. 3576	75.991
T.B.M. 3189	90.750	T.B.M. 3577	76.745
T.B.M. 3190	112.402	T.B.M. 3578	77.563
T.B.M. 3191	115.825	T.B.M. 3579	89.966
T.B.M. 3192	107.222	T.B.M. 3580	79.809
T.B.M. 3193	108.667	T.B.M. 3581	80.574
T.B.M. 3194	101.216	T.B.M. 3582	83.065
T.B.M. 3199	102.814	T.B.M. 3583	87.246
T.B.M. 3200	102.644	T.B.M. 3584	93.503
T.B.M. 3201	104.407	T.B.M. 3585	100.468
T.B.M. 3202	108.534	T.B.M. 3586	99.542
T.B.M. 3203	110.909	T.B.M. 3587	102.820
T.B.M. 3204	108.370	T.B.M. 3588	98.540
T.B.M. 3205	113.325	T.B.M. 3589	99.361
T.B.M. 3206	120.025	T.B.M. 3590	101.530
T.B.M. 3207	119.751	T.B.M. 3591	106.699
T.B.M. 3208	123.066	T.B.M. 3592	102.760
T.B.M. 3209	122.860	T.B.M. 3593	103.604
T.B.M. 3210	129.060	T.B.M. 3594	107.122
T.B.M. 3211	125.470	T.B.M. 3595	108.839
T.B.M. 3212	118.983	T.B.M. 3596	107.992
T.B.M. 3229	62.772	T.B.M. 3597	109.614
T.B.M. 3230	53.303	T.B.M. 3598	109.887
T.B.M. 3231	51.517	T.B.M. 3599	113.585
T.B.M. 3482	62.113	T.B.M. 3600	113.259
T.B.M. 3483	61.703	T.B.M. 3601	114.990
T.B.M. 3484	70.092	T.B.M. 3612	115.239
T.B.M. 5003	128.647	T.B.M. 3613	108.888
T.B.M. 5011	84.646		
T.B.M. 5034	64.858		
T.B.M. 5035	62.975		

7. REFERENCE MONUMENTS

	NORTHING	EASTING	
G.S.C. 1210-J			109.459
G.S.C. 1211-J			109.229
G.S.C. 1213-J			82.137
Mon. 81HAW065			124.971
Mon. 81HAW066	5 813 642.677	682 219.182	111.401
Mon. 81HAW067			101.468
Mon. 81HAW068	5 812 196.487	677 649.103	106.879
Mon. 81HAW069	5 811 947.242	675 918.920	90.659
Mon. 81HAW070			128.853
Mon. 81HAW071			54.244

LEGEND

- TRIANGULATION STATION
- REFERENCE MONUMENT (P.CON or P.ROCK)
- 50000 HORIZ. CONTROL POINT
- 60000 VERT. CONTROL POINT
- GAUGE
- AIR PHOTO CENTER
- ROAD, TRAIL, CREEK,
- CREEK INTERMITTENT, SWAMP
- BOUNDARIES
- BASIN
- SUB BASIN

STORAGE LICENCES

LICENCE	PRIORITY DATE	AUTHORIZED ACRE-FEET	DEVELOPED ACRE-FEET

REFERENCES

DWG. No.	DESCRIPTION	DATE
84-27-1 to 11	BELLA COOLA RIVER TOPOGRAPHIC MAP SHOWING LOCATION OF CROSS-SECTIONS	FEB. 1985
84-27-12	BELLA COOLA AND SALLOOMT RIVERS. PLAN SHOWING THALWEG, WATER SURFACE AND NATURAL BOUNDARY PROFILES.	FEB. 1985
87-21-1	BELLA COOLA RIVER 1986	JUNE 1987

REVISIONS

No.	DESCRIPTION	DATE
1	ADDED CROSS SECTIONS & TBM'S (PROJECT No. 86-FDC-1 SURVEYED BY M. PRONK IN JUNE/JULY 1986	JUNE 1987

SURVEYED B. SCHUBERT
DATE JULY 1981
COMPILED
CHECKED J. Waberski
DATE FEB. 1985
DRAWN M.A.Q.
CHECKED T. Eng
P. Dixon
DATE FEB. 1985
ENGINEER

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH

FLOOD PLAIN MAPPING PROGRAM
UNCONTROLLED MOSAIC
OF
BELLA COOLA RIVER
SHOWING LOCATION OF
CROSS-SECTIONS AND REFERENCE POINTS

APPROVED [signature]
HEAD, SURVEYS SUBSECTION
DATE FEB. 1985

FILE No.
Branch 0305030-21
0310213-12
SURVEY PROJECT No. 81-FDC-2
NTS Map No. 93 D/7 & 8
SCALE 1 : 20000 APPROX.
DRAWING No. A 5295-2
SHEET 2 of 3

DD