FIELD SURVEY SEP. 1982

80-RPP-4 / '82

SLOCAN RIVER HIGHWATER MARKS JUNE 1982

① @ Crescent Bridge u/s ; L.B.; Picture # 1 & 2

W.M.B. REF POINTS

IB 104	D/S L.B.	478.506
IB 4	D/S R.B.	474.431
IB 105	U/S L.B.	478.091
IB 5	U/S R.B.	474.455
TBM 3049		481.280

6+928 EL. H.W.M. 468.313 LB 2266 L-1

EL. NAT. BDY. 468.18 466.94 / 41

SET TBM 3520 = HWM Lag screw

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② @ Slocan Park Bridge u/s; L.B.; Picture # 3 & 4

W.M.B. REF POINTS

IB. 108	D/S L.B.	486.103
I.B. 8	D/S R.B.	485.300
I.B. 109	U/S L.B.	485.243
I.B. 9	D/S R.B.	485.371
TBM 3376		508.171

17+486

TBM 3521 = EL. H.W.M. 481.989 LB 2266 L-1

EL. NAT. BD'Y. 481.656 481.78 / 42

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③ @ Passmore Bridge R/B. ; U/S. Picture # 5 & 6

W.M.B. REF. POINTS.

IB. 110	D/S L.B.	494.707
I.B. 10 (NG:1)	D/S R.B.	495.213
I.B. 111	U/S L.B.	494.711
TBM 2898 = I.B. 11	U/S R.B.	495.461
TBM 3337		494.846

22+649

EL. H.W.M. = SET TBM 3522 = 491.73 L.B. 2266 L-1

EL. NAT BD'Y = 491.23 / 43

D/S Nat body = 491.59

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.

④ @ Vallican Bridge u/s. L.B. PICTURE # 7 & 8

W.M.B.	REF. POINTS			
	IB	113	D/s. L.B.	500.293
	IB	13	D/s R.B.	501.249
	IB	114	u/s L.B.	500.515
	IB	14	u/s R.B.	500.359
	TBM	3335 (3139)		500.942

25+452

EL. H.W.M = SET TBM 3523 = 498.236 LB. 2266 L-1

EL. NAT. BD'Y = 498.10 /44

d/s Nat bdy 497.45

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⑤ @ Winlaw Bridge u/s. L.B. PICTURE # 9 & 10

W.M.B.	REF. POINTS			
	IB	119	D/s.; LB	520.453
	IB	19	D/s; R.B	521.253
	IB	120	u/s L.B	521.624
	IB	20	u/s R.B.	521.760
	TBM	3386		522.441

36+117

EL. H.W.M = Set TBM 3524 = 518.93 LB 2266 L-1

EL. Nat. Bd'y = 517.38 /45

d/s 517.54 (517.76, 517.71)

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⑥ @ Appledale Bridge u/s; L.B. PICTURE # 11

W.M.B.	REF. POINTS			
	IB	122	D/s.; LB.	521.261
	IB	22	D/s; R.B.	521.679
	IB	123	u/s L.B	521.594
	IB	23	u/s R.B.	522.750
	G.S.C.	481-J		524.717

41+032

EL. H.W.M. = Set TBM 3525 = 519.995 LB 2266 L-1

EL. Nat. Bd'y @ River see XS /46

R d/s 517.97

L 518.31

⑦ @ Perry's Bridge u/s ; L.B. ; Picture # 12 & 13 & 14

W.M.B. Ref. Points

IB	124		519.380
IB	24		520.144
IB	125	D/S L.B.	524.156
IB	25	D/S R.B	522.428
IB	126	u/s L.B.	524.252
IB	26	u/s R.B.	523.826
		G.S.C. 482-J	524.717

44+924

EL. HWM = 520.76 L.B. 2266 L-1

EL. Nat Bd'y see XS 26 /47

d/s. 519.07

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⑧ @ Lemon Cr. Trestle d/s; Picture # 15

0+366 LEMON CR. CHAINAGE D.T.S. 61 d/s R.B. 543.427

EL. H.W.M. 540.72 LB 2266 L-1 /48

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⑨ Just N. of XS 37 L.B. Picture # 16 & 20

W.M.B. Ref. Points

IB	137	540.265
IB	138	535.169
Aux	237	534.747
Aux	238	534.745

54+980

Not from Nelson Office

EL. H.W.M. 536.577 L.B. 2266 /L-1

EL. Nat. Bd'y /49

@ XS 37 535.3

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⑩ @ Logging Rd. Bridge u/s ; R.B. Picture # 17

W.M.B. Ref. Points

IB	140	150m d/s, LB	538.415
I.B.	40	150m d/s R.B.	537.44
I.B.	142 (XS 448)	No I.B.	
I.B.	42	IB RB S. side of 5' Cedar Stump	536.196
I.B.	143	d/s L.B	539.977
I.B.	43	ds R.B.	540.867
I.B.	144	u/s, L.B.	540.73
I.B.	44	u/s R.B.	540.822
	TBM	3004	540.570

58+400

Set

TBM 3526 = EL. HWM = 536.792 LB 2266 /L-1

EL. Nat. Bd'y see XS 144 /50

448 @ 58+254 536.° 535.4

x3 6.1

(11) @ SLOCAN CITY BRIDGE u/s R.B Picture # 18&19

W.M.B. Ref. Points	IB 147 d/s, L.B	540.742
	IB 47 d/s R.B.	540.669
	IB 148 u/s L.B.	540.647
	IB 48 u/s R.B.	540.624
	TBM 3003	540.920

59+665

EL. HWM = 537.44 LB 2266 L-1

EL Not. Bd'y see x-s /51

536.84

Photo #1
Aug. 17/82

- Crescent Valley Bridge - looking N.E. from west side of bridge towards lag bolt set at high water mark on Slocan River on June 22, 1982.

- Top of lag bolt with washer set on N.W. face of 14" poplar tree (upstream side - blazed and flagged) 141.6m upstream of Crescent Valley Bridge. Approximately 2.5 km along Highway No. 6 from the Junction of Highways 6 and 3A.

BOLT WAS TAGGED # 3529

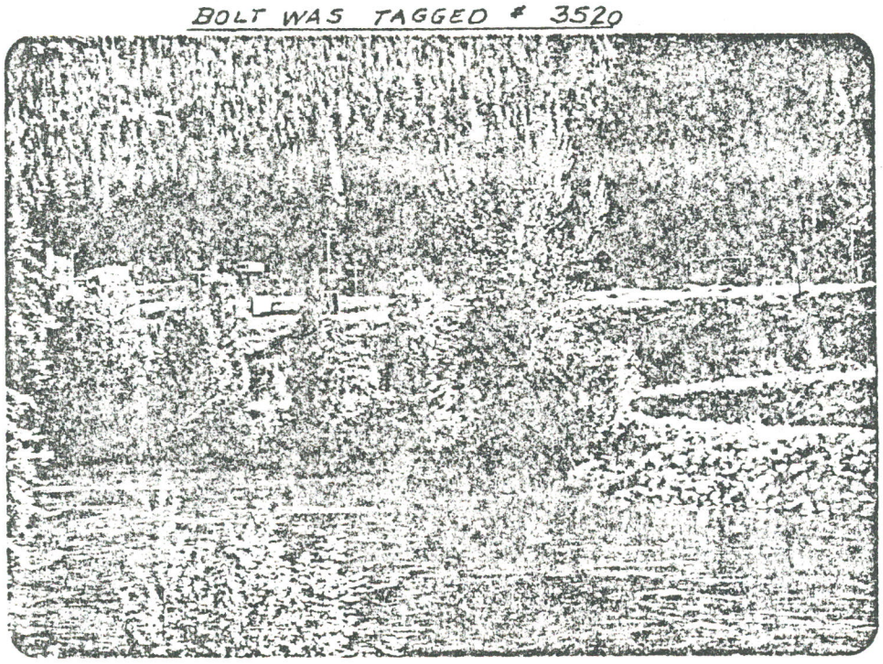


Photo #2
Aug. 17/82

- Same as Photo #1, but using a wide angle lens (28mm).

EL. H.W.M. = 468.31 m

≃ Nat. Bd'y EL. = 468.18m



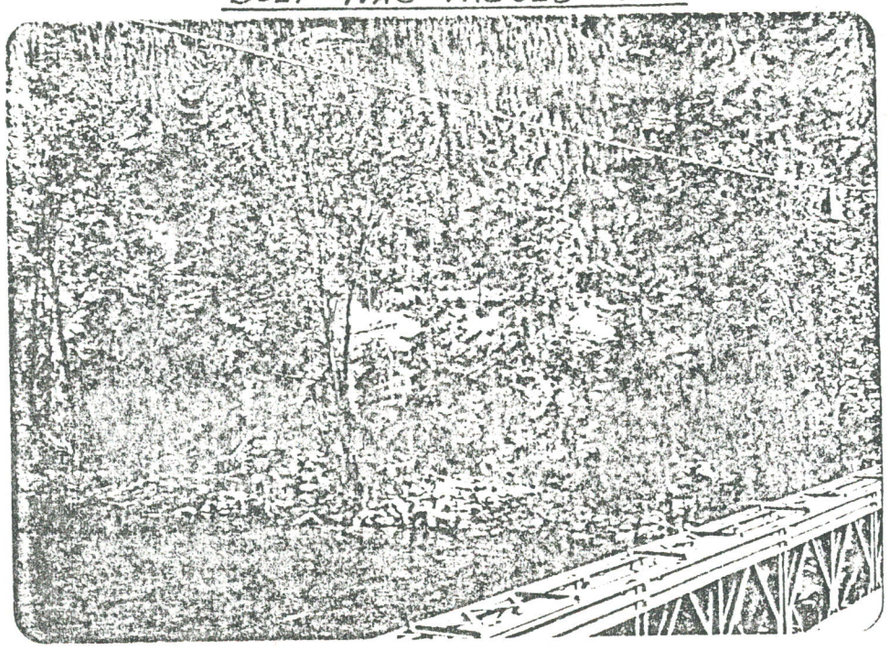
RIVER CHAINAGE 6+928

Photos 3 & 4

- Slocan Park Bridge - looking N.E. from west side of bridge towards lag bolt set at high water mark, June 22, 1982 (Arrow shows approximate location).

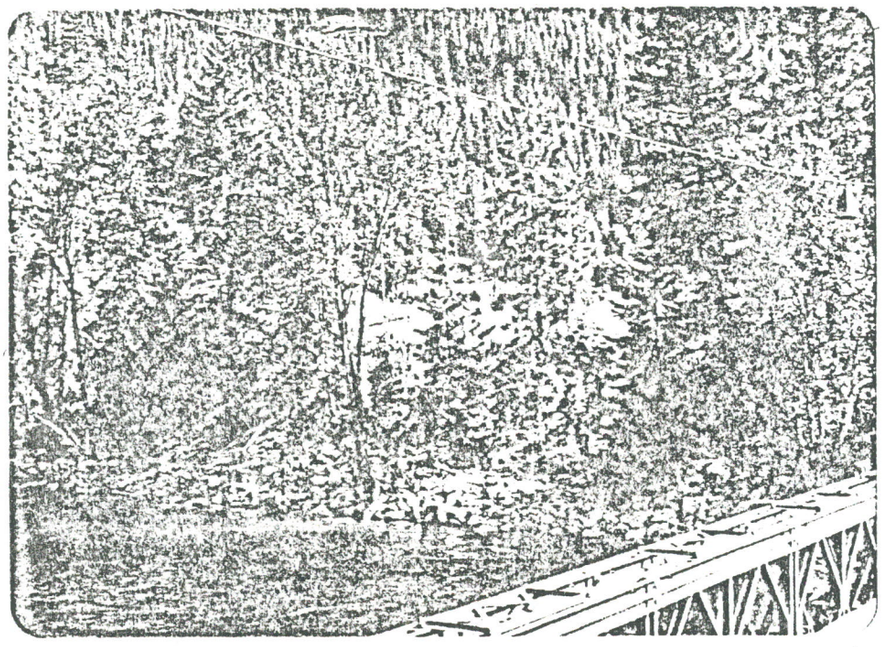
- Top of lag bolt and washer set in base of 15" poplar (upstream or north face) 55.9 meters upstream of east abutment of Slocan Park Bridge turnoff to which is approximately 12.5 km along Highway No. 6 from Junction of Highways 3A and 6.

BOLT WAS TAGGED #3521



EL. H.W.M. = 481.99m

≃ Nat. Bd'y EL. = 481.66m



RIVER CHAINAGE 17+486

Photos 5 & 6

- Passmore Bridge - looking N.W. from east side of bridge towards lag bolt set at high water mark June 22, 1982 (Arrow shows approximate location on flagged and blazed tree).

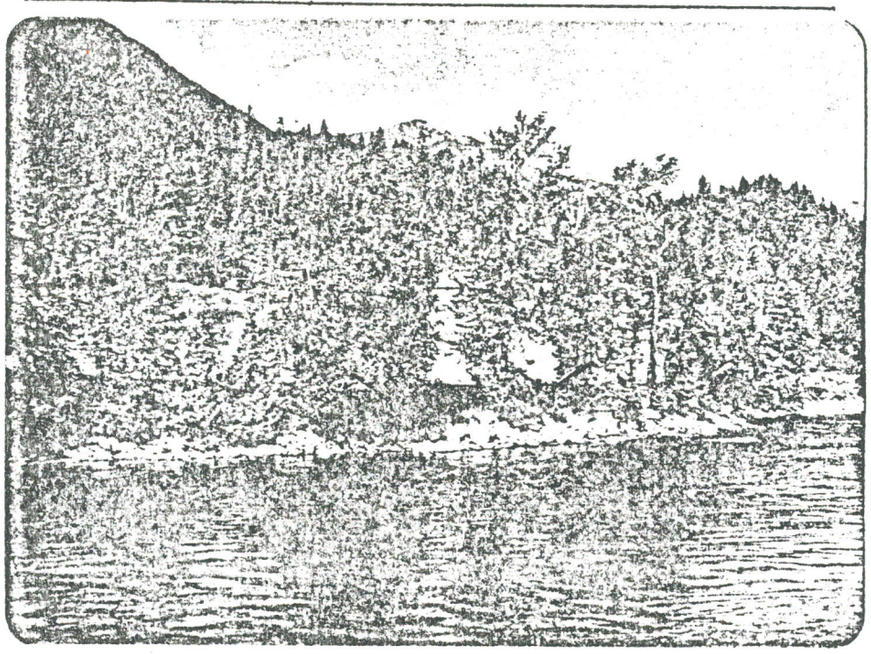
- Top of lag bolt with washer set in north face of 18" poplar 72-8 meters northwest along Passmore lower road from west abutment of Passmore Bridge; turnoff to which is approximate 15.75 km along Highway No. 6 from Junction of Highways 3A and 6.

BOLT WAS TAGGED # 3522



EL. H.W.M. = 491.73m

= Nat. Bd'y. EL = 491.2 m

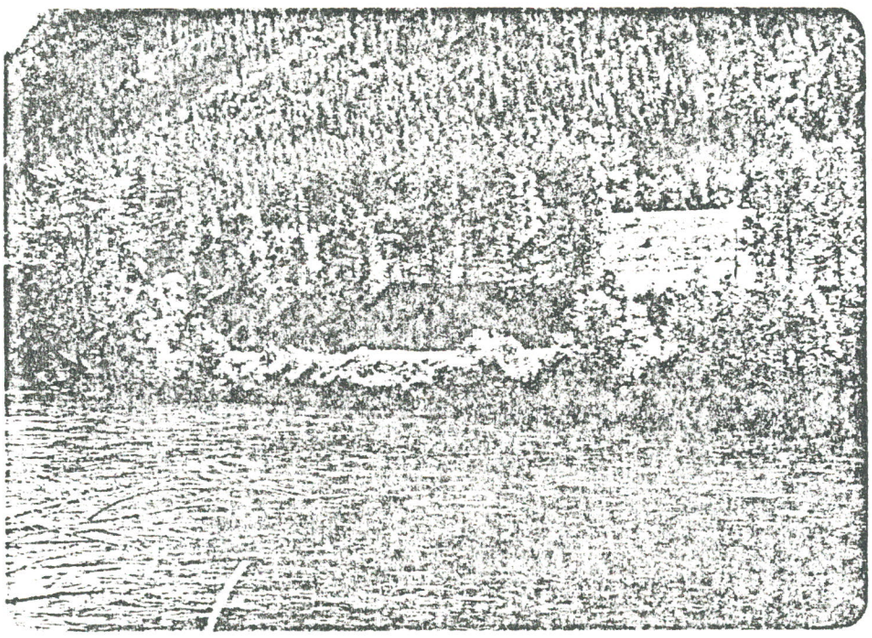


RIVER CHAINAGE 22+649

Photos 7 & 8 - Vallican Bridge - looking N.E. from west side of bridge
Photo 7 50mm lens towards lag bolt set at high water mark June 22, 1982.
Photo 8 28mm lens (Arrow shows approximate location.)

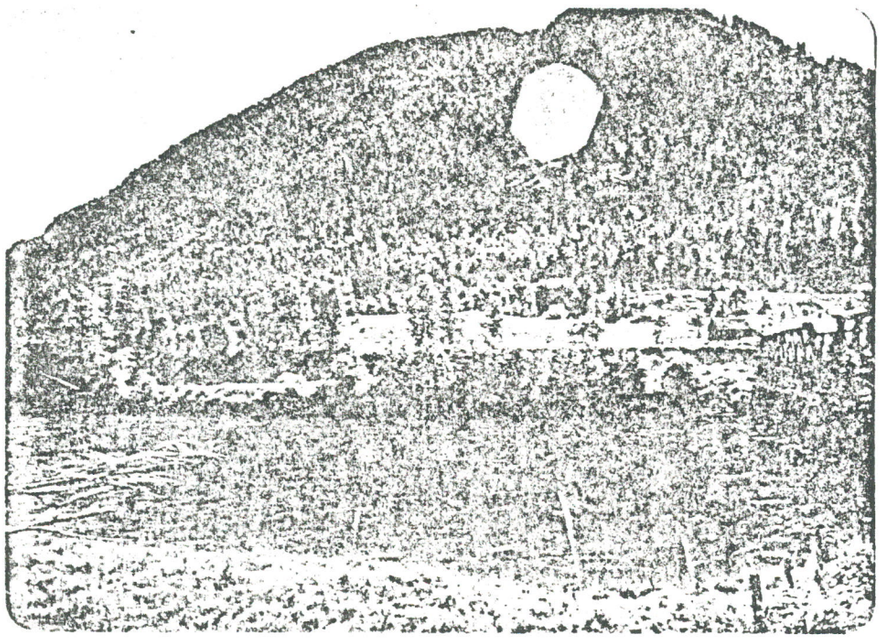
- Top lag bolt with washer set in north face of 5" willow 120.9 meters upstream of east abutment of Vallican Bridge the turnoff to which is approximately 17.8 km along Highway 6 from Junction of Highways 6 and 3A.

BOLT WAS TAGGED #3523



EL. H.W.M. = 498.24m

≃ Nat. Bdy. EL = 498.10m



RIVER CHAINAGE 25+452

Photo 9 & 10

- Winlaw Bridge - looking northeast from west side of bridge towards lag bolt set at high water mark June 22 1982. (Arrow shows approximate location.)

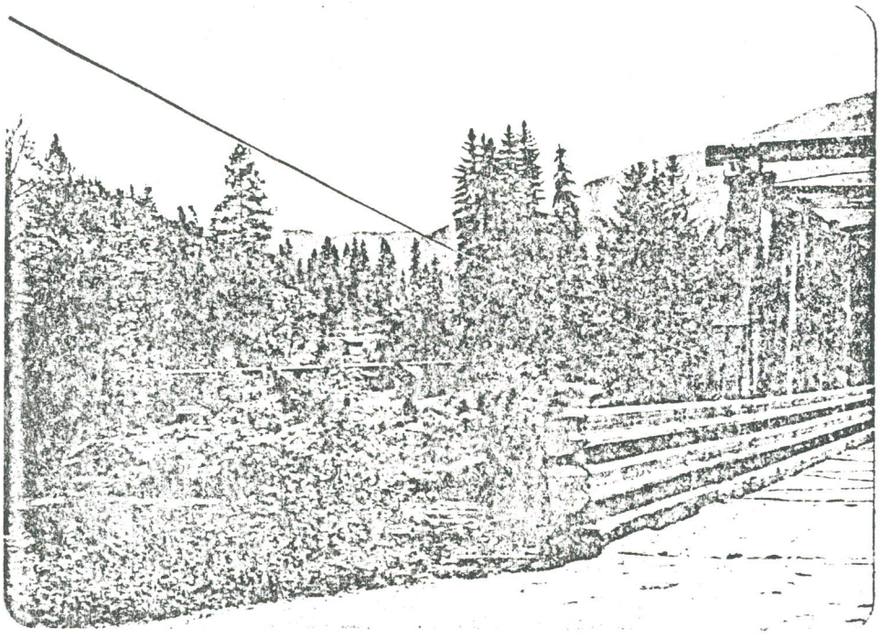
- Top of lag bolt set on upstream (northeast) face of most upstream of 2 grouped cedar trees. 61.7m upstream of east abutment of Winlaw Bridge turnoff to which is approximately 27.55 km along Highway 6 from the Junction of Highways 3A and 6.

BOLT WAS TAGGED # 3524



EL. H.W.M. = 518.93m

= EL. Nat. Bd'y EL = 517.4m



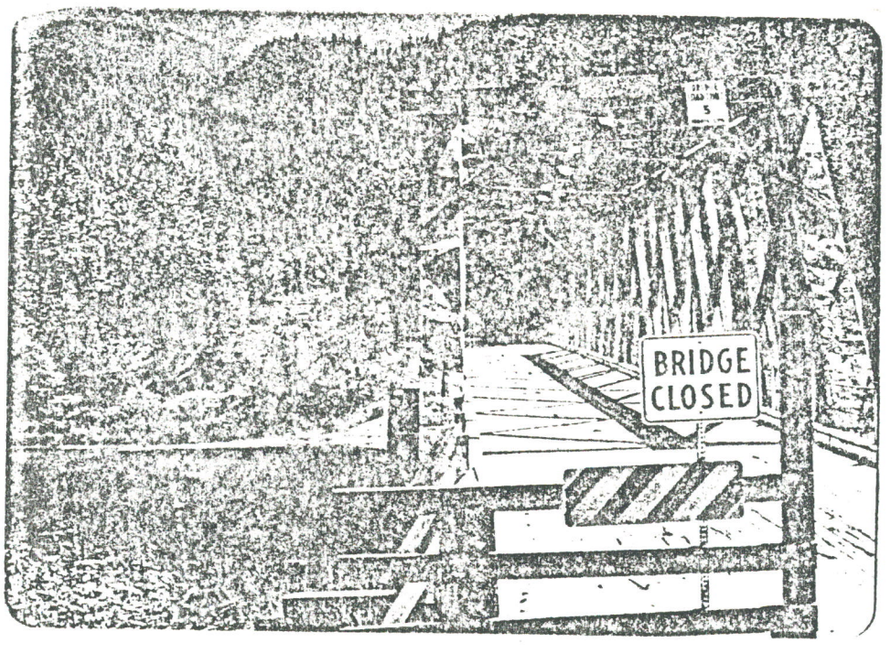
RIVER CHAINAGE 36+117

Photo 11

- Appledale Bridge - looking northeast from west side of bridge toward lag bolt set at high water mark June 22, 1982. Arrow shows approximate location of lag bolt.

- Top of lag bolt set in north face of twin 6" poplars at 13" base 19.5 meters upstream of east abutment of Appledale Bridge the turnoff to which is approximately 30.1 km along Highway No. 6 from junction of Highways 3A and 6.

BOLT WAS TAGGED # 3525



EL. H.W.M. = 520.00m

≐ Nat. Bdy EL. = 518.1m (est. 1980)

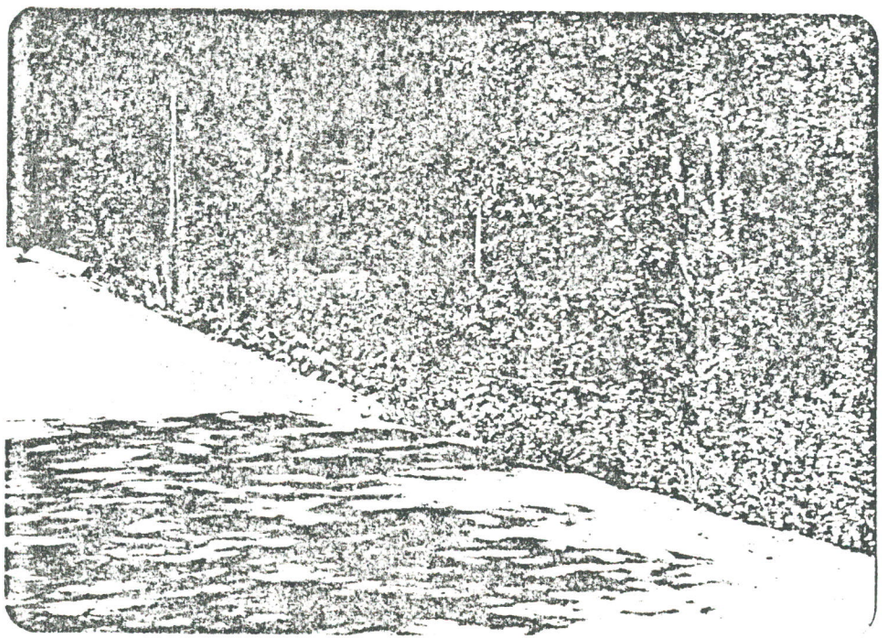
RIVER CHAINAGE 41+032

Photo 12 & 14 - Perrys Bridge - looking northwest from east approach to bridge toward lag bolt set at high water mark June 22, 1982. Arrow shows approximate location of lag bolt.



EL. H.W.M. = 520.76m

≃ Nat. Bd'y EL. = 519.0 (est. 1980)

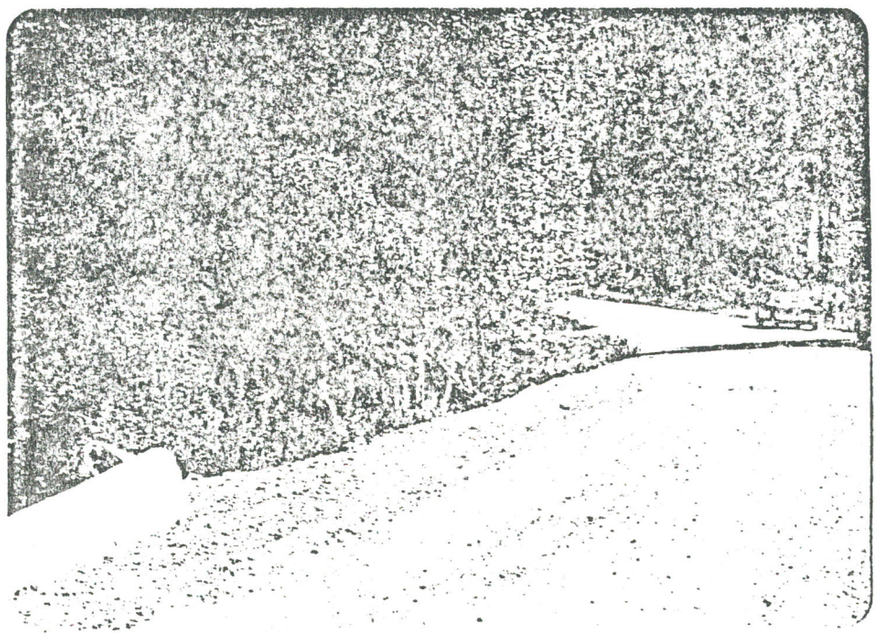


RIVER CHAINAGE 44 + 924

Photo 13

- Perrys Bridge - looking northeast from east approach to bridge toward lag bolt set at high water mark June 22, 1982. Arrow shows approximate location.

- Top of lag bolt set at base of 4" cottonwood tree on east face. Approximately 12 meters east of east abutment of Perrys Bridge approximately 322 meters west of Highway turnoff to which is approximately 35.3 km along Highway No. 6 from Junction of Highways 3A and 6.

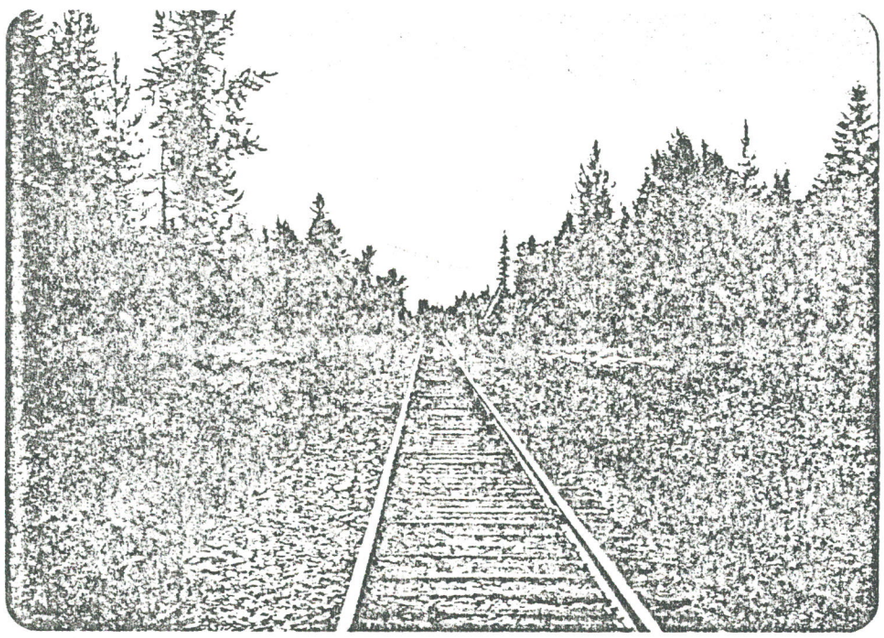


RIVER CHAINAGE 44 + 924

Photo 15

- Lemon Creek - Railroad Bridge - standing on rail road tracks looking south to Railroad Bridge. Arrow shows approximate location of lag bolt under bridge set at high water mark of Lemon Creek.

- Top of lag bolt set in 8" log horizontally embedded in stream bank under Railroad Bridge located approximately 250 meters south of access road on north side of Lemon Creek access road and rail road meet, approximately 750 m west of Highway No. 6. Access road 240.2km along Highway No. 6 from Junction of Highways 3A and 6.



EL. HWM. = 540.72 m

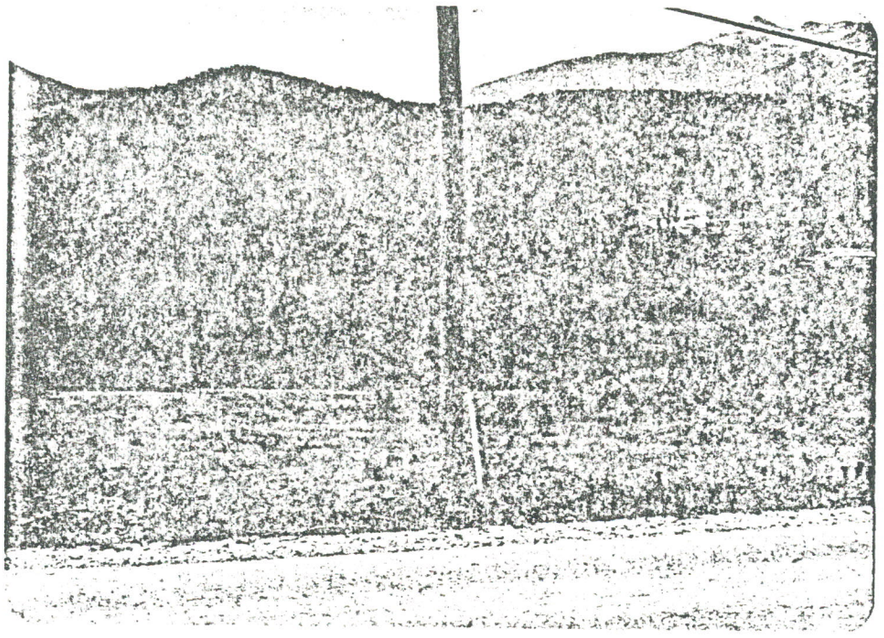
LEMON CREEK RIVER CHAINAGE 0+366

Photo 16

- Access to Slocan River high water mark looking west from access on the Thor Hird property. Photo 20 shows the high water mark location from opposite side of river looking east. Photo 16: Red arrow denotes location of high water mark and blue arrow denotes location from which Photo 20 was taken.

- Top of lag bolt set in 12" poplar at high water mark of Slocan River approximately 250 m west of Railroad and approximatey 750 meters west of Highway No. 6 turnoff to access road is approximately 44 km along Highway No. 6 from Junction of Highways 3A and 6.

LAG BOLT WAS NOT FOUND



EL. H.W.M. = 536.58m (BY FIELD INSPECTION)

= Nat. Bd'y. EL 535.3m (est. 1980)

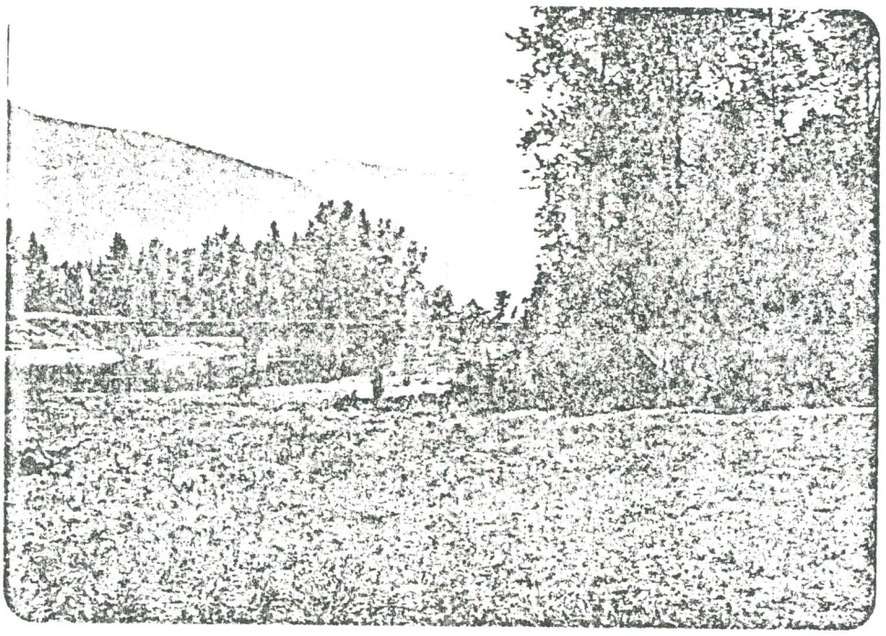
RIVER CHAINAGE 54+980

Photo 17

- Logging Bridge - approximately 2 km south of Slocan. Photo taken looking southeast towards high water mark. (Arrow shows approximate location), from a point approximately 250 m upstream of bridge along west side of river, on J. Gourlay property.

- Top of lag bolt set on northwest face of a 14" cottonwood tree approximately 150 m upstream of west abutment of logging bridge. Approximately 750 m west of Highway No. 6 turnoff to which is approximately 46.8 km along Highway No. 6 from Junction of Highways 3A and 6.

BOLT WAS TAGGED #3526



EL. H.W.M. = 536.79m

≅ EL. Nat. Bd'y = 535.4 (est. 1980)

RIVER CHAINAGE 58+400

Photo 18 - Slocan Bridge - looking west from centre of bridge toward lag bolt set at high water mark June 22, 1982. Arrow shows approximate location.

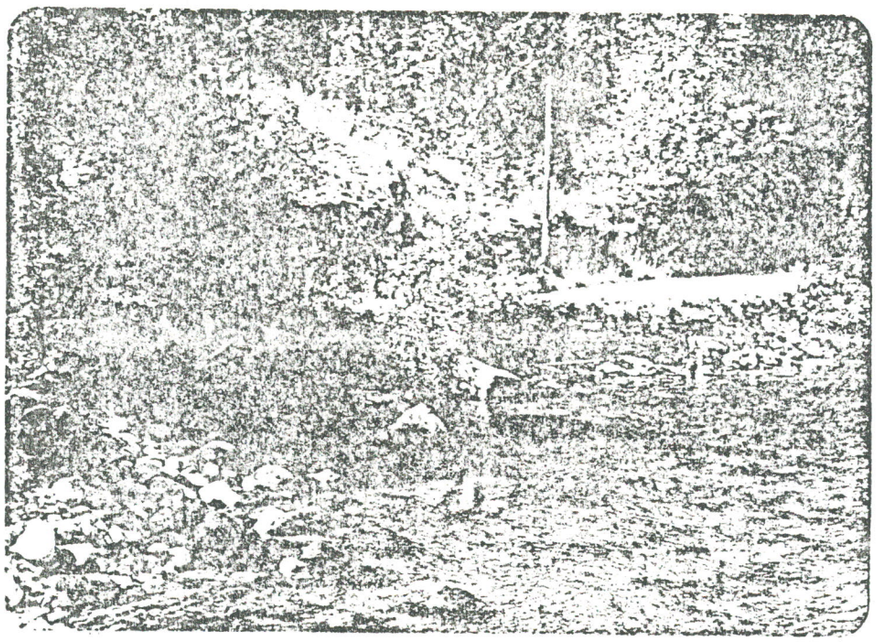
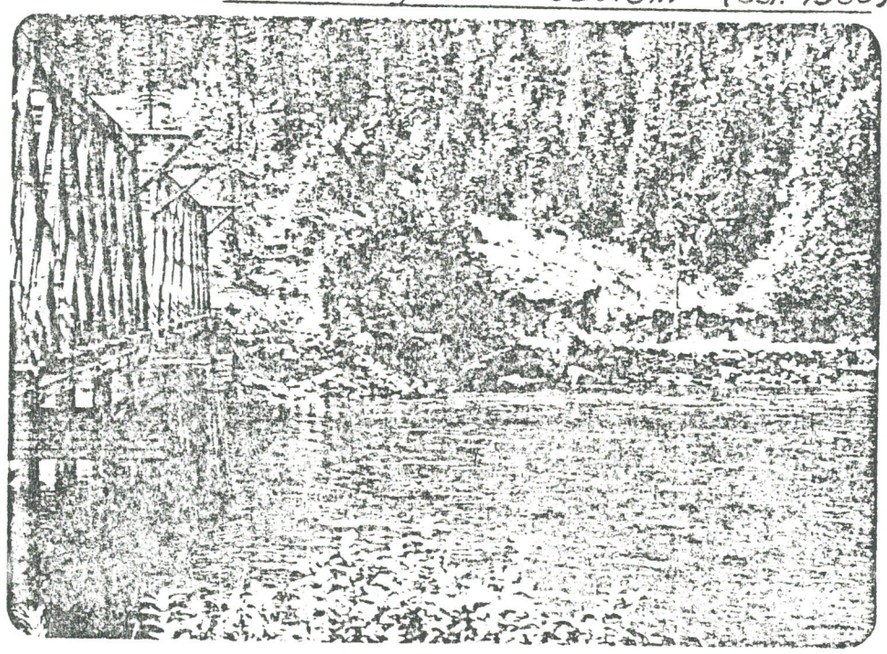


Photo 19 - Slocan Bridge - looking west from east side of bridge toward lag bolt set at high water mark, June 22, 1982.

- Top of lag bolt set on southeast face of 8" cedar tree among a clump of birch trees approximately 12 m upstream from west abutment of Slocan Bridge.

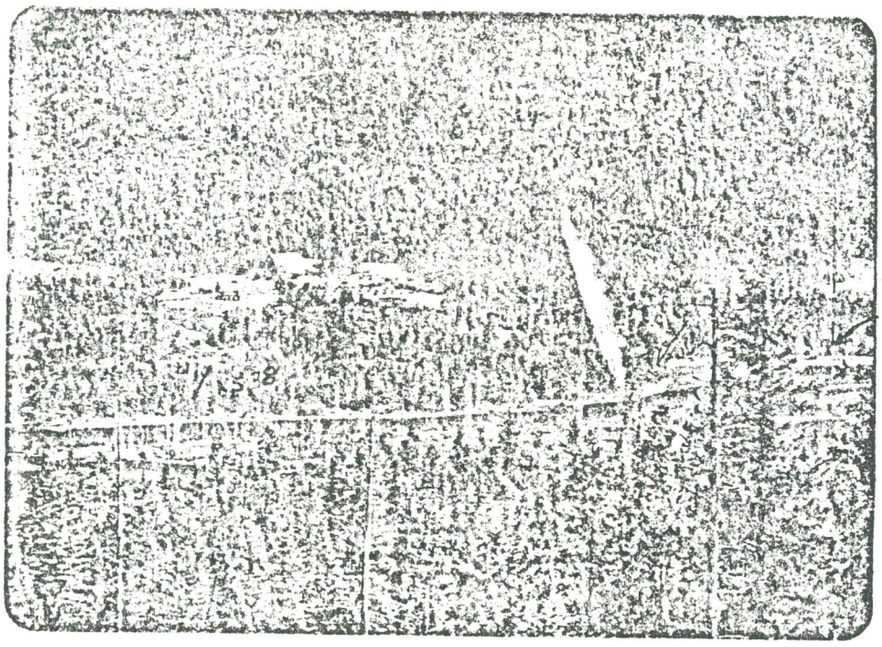
EL. HWM = 537.44m

= Nat. Bd'y EL. = 536.8m (est. 1980)



RIVER CHAINAGE 59+665

Photo 20 - Refer to Photo 16.



HWM
BY INSPECTION

RIVER CHAINAGE 54.980

CURRIE:bd
352-2211
Local: 327