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.

HIGH WATER MARKS

NOVEMBER 1995

Project No. 9605F086

TULAMEEN RIVER

HWM NO.	ELEVATION IN METRES	FLOODPLAIN DWG. NO.	HWM LOCATION
T1	637.02	91-22-1	AT PRINCETON
T2	637.03	91-22-1	AT PRINCETON
T3	637.23	91-22-1	AT PRINCETON
T4	637.25	91-22-1	AT PRINCETON
T5	637.68	91-22-1	AT PRINCETON
T6	637.70	91-22-1	AT PRINCETON
T7	649.46	91-22-1	AT PRINCETON
T8	638.90	91-22-1	AT PRINCETON
T9	THERE IS NO HWM T9		
T10	641.10	91-22-1	AT PRINCETON
T11	742.54	A5294-4	AT COALMONT
T12	742.99	A5294-4	AT COALMONT
T13	743.62	A5294-4	AT COALMONT
T14	738.91	A5294-4	AT COALMONT
T15	744.46	A5294-4	AT COALMONT
T16	744.46	A5294-4	AT COALMONT
T17	745.58	A5294-4	AT COALMONT
T18	763.05	A5294-3	AT COALMONT-TULAMEEN
T19	765.02	A5294-3	AT COALMONT-TULAMEEN
T20	771.38	A5294-3	AT COALMONT-TULAMEEN
T21	778.35	A5294-2	AT TULAMEEN
T22	784.65	A5294-2	AT TULAMEEN
T23	787.96	A5294-2	AT TULAMEEN
T24	778.96	A5294-2	AT OTTER LAKE

SIMILKAMEEN RIVER

HWM NO.	ELEVATION IN METRES	FLOODPLAIN DWG. NO.	HWM LOCATION
S1	614.90	91-22-2	D/S OF PRINCETON
S2	612.83	91-22-2	D/S OF PRINCETON

HWM'S identified by staff from Water Protection Section in December 1995.

HWM'S surveyed by Technical Surveys Section in February 1996
under Projects 9602E303 (Princeton), 9603E303 (Coalmont), 9604E303 (Tulameen)
and filed under Project 9605F086.

TULAMEEN RIVER
HIGH WATER MARK LOCATIONS
DECEMBER 1995

This binder contains the locations of high water marks as follows:

- 9 HWM's on the Tulameen River at Princeton
- 2 HWM's on the Similkameen River downstream of Princeton

- 7 HWM's on the Tulameen River at Coalmont

- 3 HWM's on the Tulameen River upstream of Coalmont

- 3 HWM's on the Tulameen River at Tulameen
- 1 HWM at Otter Lake at Tulameen

All high water marks were identified by Mssrs. Finlay and Cameron of the Water Protection Section.

The flooding occurred on November 29/30 1995, and the high water marks were identified on December 12/13 1995

TULAMEEN RIVER AT PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM -T1
Nail in power pole beside trailer #7.
Nail is 0.55 m above bolt in pole



HWM - T2
Nail in power pole approx 15 metres. D/S from T1.
Nail lis 0.08m below bottom of BC Tel Box mounted on pole.

TULAMEEN RIVER AT PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T3

Nail in siding beside wood stairs on SW side of house (U/S end) beside dyke near upstream of Angela Street (across from 152 Angela).



HWM - T4

South end of Apartment building beside left bank dyke approx. 100m U/S from Tulameen River Bridge
-mark on wood trim on window 0.47m below bottom of window
-also mark 0.77m below air conditioner unit
both measurements taken at apartment unit closest to dyke.

TULAMEEN RIVER AT PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T5
Nail in U/S cottonwood stump in toe of dyke at west end of Alison Street.
Nail is facing street.



HWM T-6
Bottom of window frame of large picture window at 207 Alison Street.
Also nail in support post closest to river.

TULAMEEN RIVER AT PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T7

0.73 m below top of Concrete foundation of chlorinator building D/S from Railway Bridge North side of building (D/S side)



HWM - T8

0.25 m above bottom of siding on garage at 303 Pine Street @ corner of Riverside Avenue

TULAMEEN RIVER AT PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS

There is no HWM - T9



HWM - T10

0.37m above concrete at main door on garage at 464 Corina Avenue.
Nail and paint mark on large door

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T11 TULAMEEN RIVER

0.34 m. above bottom of outhouse behind houses at end of Main Street - east of Bettes Street
Nail in u/s end on riverside of outhouse



HWM - T12 TULAMEEN RIVER

0.74 m below windows frame on D/S end of house beside dyke at D/S end of Fraser Street. nail in wall at SE corner of house

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T13 TULAMEEN RIVER

1.01 m below top of windows sill on South (river side) side of house on left bank of river immediately D/S from approach ramp to Bailey Bridge. Nail in south side of tree nearst to house in picture.



HWM - T14 TULAMEEN RIVER

Nail in edge of "A" frame shelter over camper. Nail on opposite side from river on D/S side 0.80 m above ground level. D/S from XS - 31

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T15 TULAMEEN RIVER
0.30 m bleow top of trim on trailer U/S side. See notes for diagram.



HWM - T16 TULAMEEN RIVER
Nail in side of shed beside middle steel ornamental wheel underneath the "Smurf" on pole in yard of house S.E. corner of Parrish and Columbia Streets. HWM is 0.80 m above ground.

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T 17 TULAMEEN RIVER
Nail in 6x6 post of shed 0.10m above ground at corner of Columbia Street and Campbell Avenue



HWM - T18 TULAMEEN RIVER
Nail in unpainted outhouse wall 0.74m above ground downstream side of structure on corner nearest railway grade D/S from XS 18.

TULAMEEN RIVER AT COALMONT AND TULAMEEN - DECEMBER 1995 FLOODING HIGH WATER MARK LOCATIONS



HWM - T19 TULAMEEN RIVER

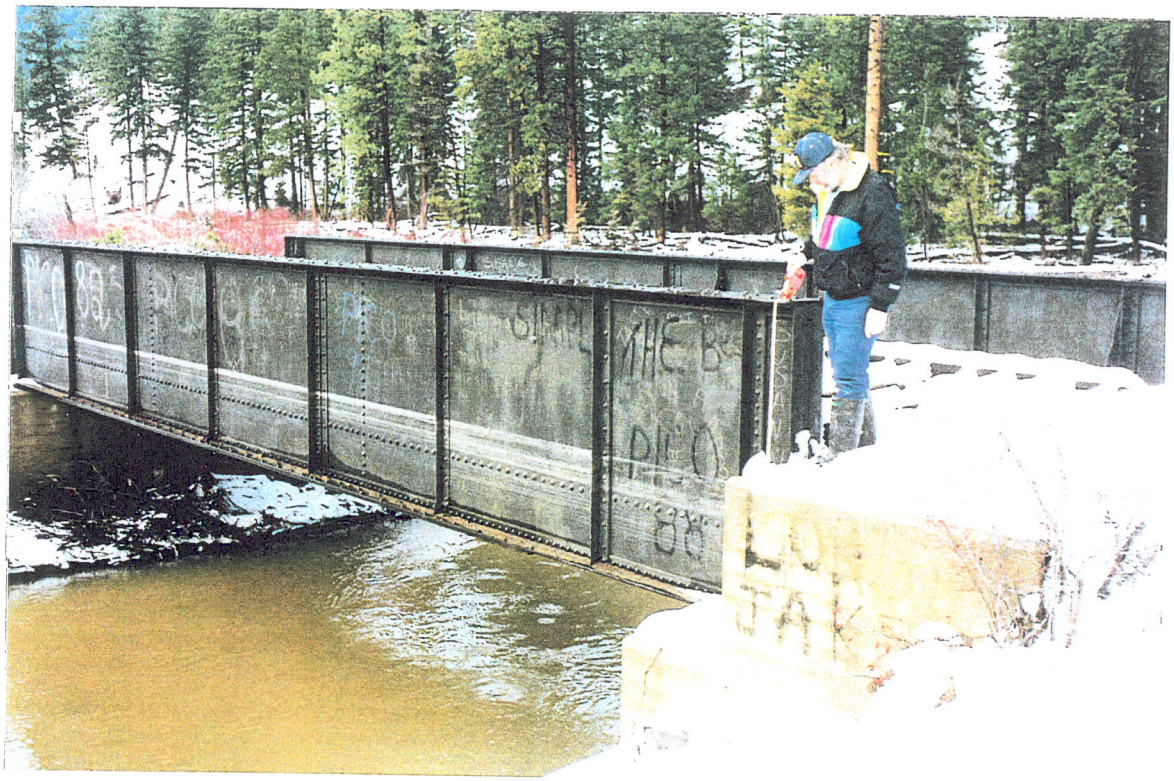
Nail at bottom of 3/8" plywood siding on irrigation pumphouse in field approx. 300' from railway empankment. nail is on left side of building when facing doorway. Red and white striped power pole at river.



HWM - T20 TULAMEEN RIVER

Nails in creosoted posts on riverside of railway embankment approx 50' U/S from 'A" frame house. Flagged nail in sloping post is 0.79m above ground.

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - T21 TULAMEEN RIVER
HWM is 1.075 m below top of girder of railway bridge.



HWM - T22 TULAMEEN RIVER
Nail in tree on riverside of dyke D/S from road intersection with dyke.

TULAMEEN RIVER AT COALMONT AND TULAMEEN
- DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS

HWM - T23 TULAMEEN RIVER

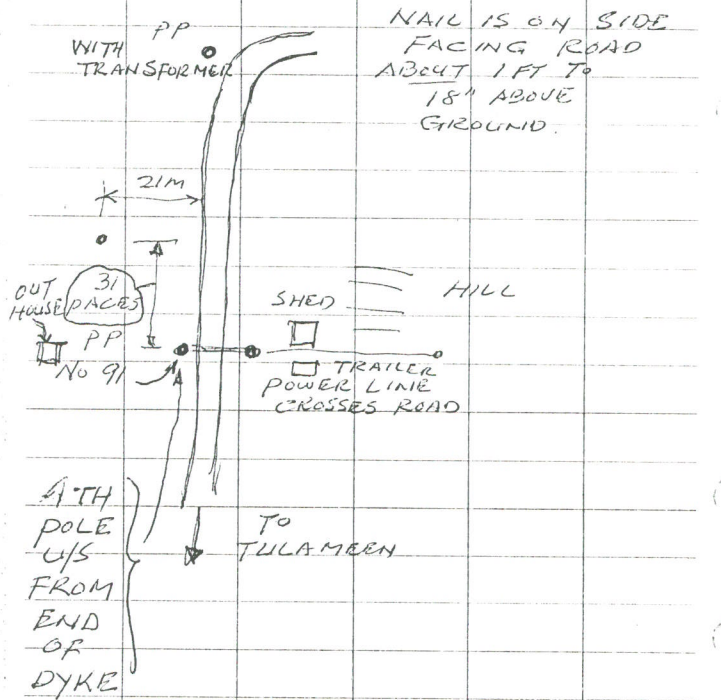
Nail in large tree 31 paces upstream of power pole and 21 m toward river from riverside edge of road. Nail is on side facing road about 12 to 18 " above ground. See notes for diagram.

HWM - T24 TULAMEEN RIVER

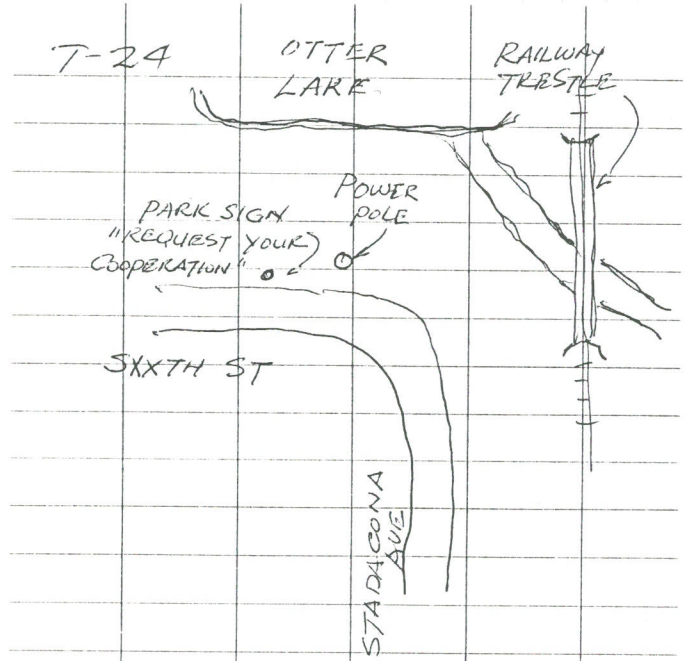
Nail 0.35 m above ground on "Request Your Co-operation" sign at park. Nail is facing Sixth Street.
No photo . See notes for diagram.

T-23

NAIL IN LARGE TREE 31 PACES UPSTREAM OF POWER POLE AND 21 m TOWARD RIVER FROM RIVERSIDE EDGE OF ROAD



T-24



HWM NAIL 0.35 m ABOVE GROUND ON "REQUEST YOUR COOPERATION" SIGN AT PARK

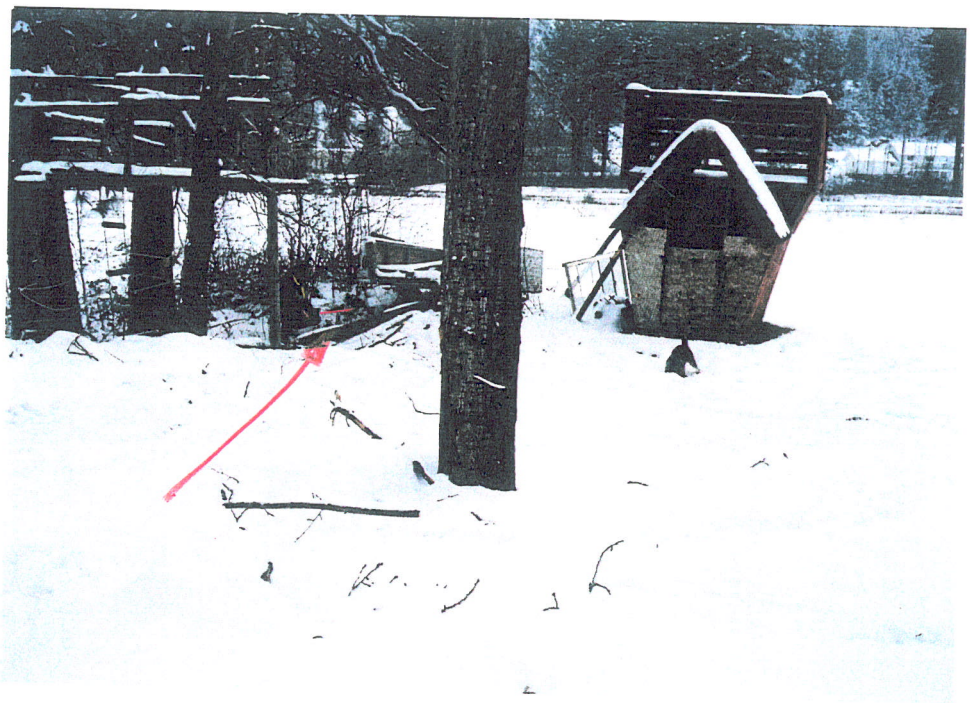
NO PICTURE - TOO DARK

NAIL IS FACING SIXTH STREET

SIMILKAMEEN RIVER nr. PRINCETON - DECEMBER 1995 FLOODING
HIGH WATER MARK LOCATIONS



HWM - S1
Nail in base of 4" tree at U/S end of Taylor's concrete wall



HWM - S2
Nail in 1" tree by brown shed

FLOODPLAIN MAPPING
DWG. 91-22-1

RIVER

TULAMEEN

BOUNDARY OF TOWN OF PRINCETON (APPROXIMATE)

646.0
645.8

XS-16

645.0
644.8

647.0
646.8

XS-17

648.0
647.8

650.0
649.6

XS-18

649.0
648.7

XS-20

650.0
649.6

646.0
645.4

XS-29

647.0
646.4

XS-28

645.0
644.4

644.0
643.4

XS-27

643.0
642.6

XS-26

642.0
641.5

XS-25

641.0
640.5

XS-24

640.0
639.5

XS-23

639.0
638.6

XS-22

644.0
643.7

XS-15

643.0
642.6

XS-14

642.0
641.5

XS-13

641.0
640.5

XS-12

GSC 579H

GSC 83C071

BC 88052

DYKE

SPORTS FIELD

TRAILER PARK

AUTO WRECKER

PIT

DITCH

P/A

U/C

SILO

TRAILER PK

NOTE:
PONDING MAY OCCUR BEHIND EXISTING DYKES DURING HIGH FLOW PERIODS RESULTING IN THE FLOOD LEVEL SHOWN TO BE EXCEEDED IN THIS AREA.

FLOODPLAIN MAPPING
DWG. 91-22-1

T1
T2
T3
T4
T5
T6
T8
T10

XS-24
XS-23
XS-22
XS-21
XS-20
XS-19
XS-14
XS-13
XS-12
XS-11
XS-10
XS-9
XS-8
XS-7
XS-6
XS-5
XS-4
XS-3
XS-2
XS-1

638.0 637.5
637.0 636.5
636.0 635.6
634.0 633.5
633.0 632.6
639.0 638.6
638.0 637.6
640.0 639.5
641.0 640.5
643.0 642.6
635.0 634.7

GSC 83C073
GSC 83C074
GSC 350N

BC 880528
BC 870103

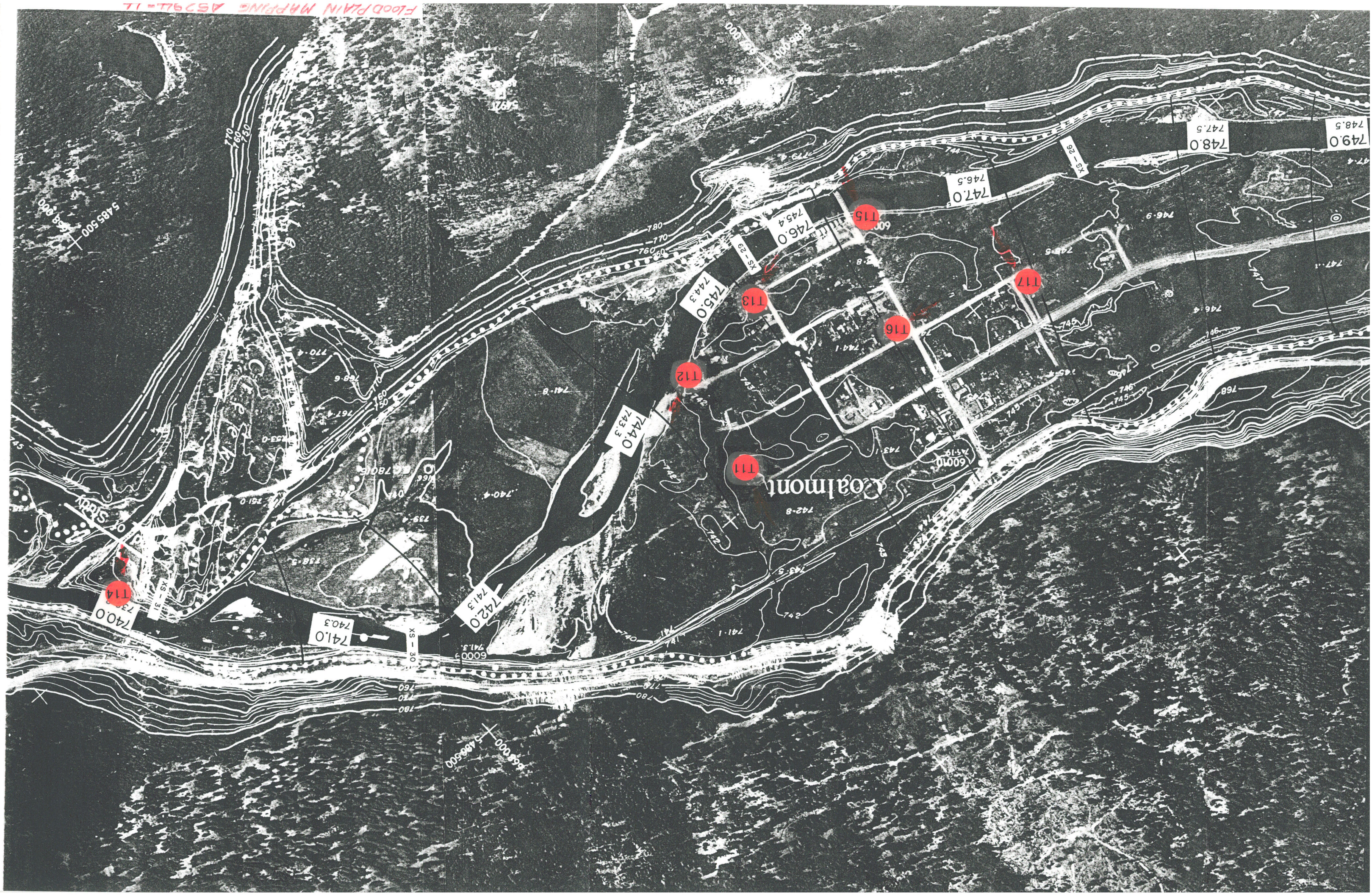
5 482 000
680 500

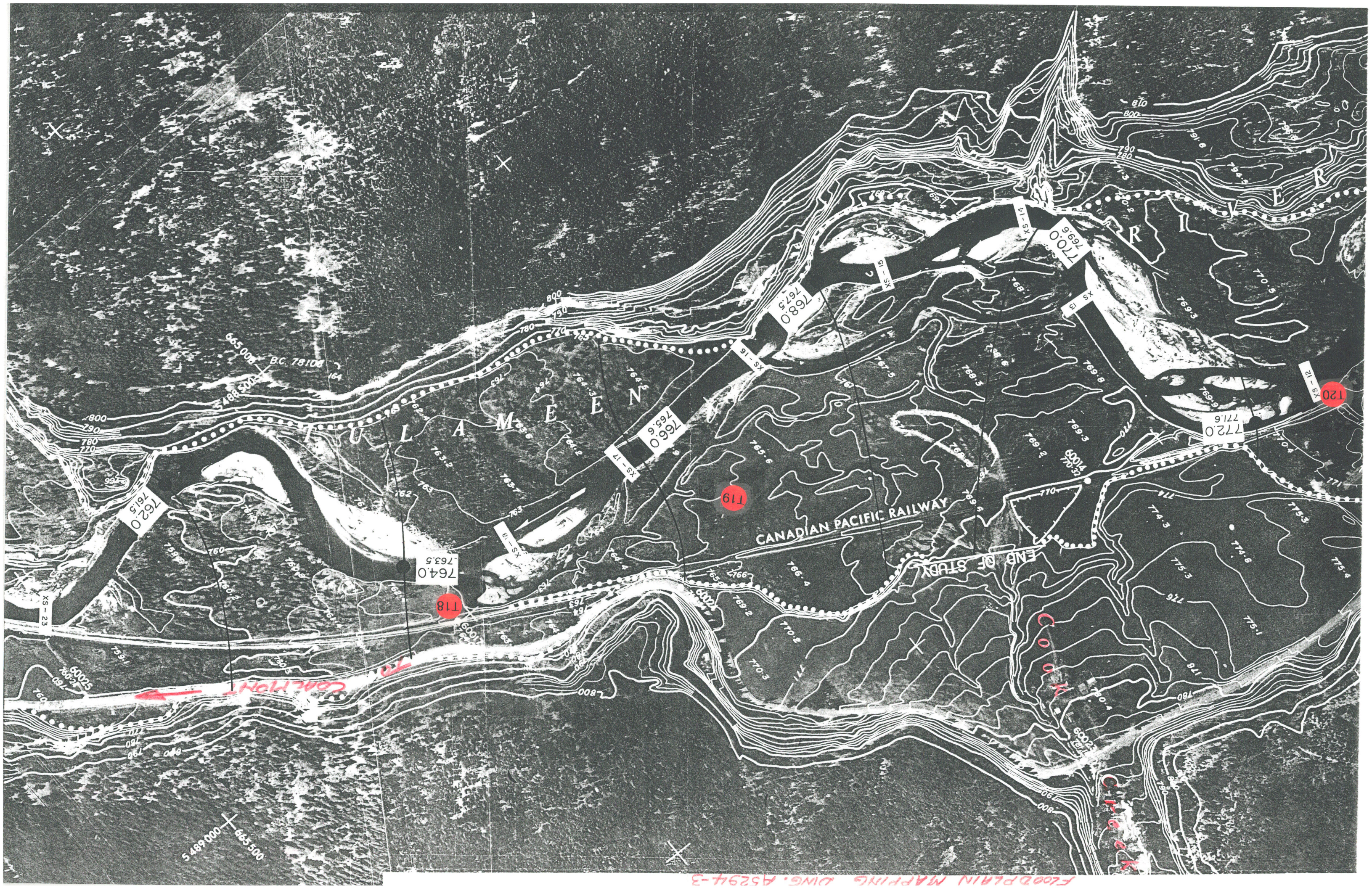
PRINCETON AVENUE
PRINCE RUPERT
TYLEE

POWER STATION
SCRUB
SPORTS FIELD
SOCCER FIELD
TRAILER PARK
PARK
PIT
DITCH
DYKE

BY OF TOWN OF PRINCETON (APPROXIMATE)

FLOOD PLAIN MAPPING A5794-11





FLOODPLAIN MAPPING DWG. A5294-3


T23
T22
T24
T21
XS - 1
XS - 2
XS - 3
XS - 4
XS - 5
XS - 6
XS - 7
XS - 8
XS - 0.5
XS - 0.6
XS - 0.7
XS - 0.8
XS - 0.10
XS - 0.12
XS - 0.13
XS - 0.14
XS - 0.16
XS - 0.17
XS - 0.18
XS - 0.19
XS - 0.20
790.0
789.6
788.0
787.6
786.0
785.7
784.0
783.7
783.0
782.7
782.0
781.7
781.0
780.6
780.0
779.6
779.5
779.1
779.0
778.6
778.0
778.3
778.0
777.5
776.0
775.5
835.0
829.2
829.2
840
830
820
810
800
790
TULAMEEN
TULAMEEN
CANADIAN
Creek
Otter
Coal Haul
FLOODPLAIN MAPPING
DWG. A5294-2
RIVER
MAIN
Sheet 3

LIMIT OF STUDY

XS-1

XS-2

XS-3

XS-4

XS-5

XS-6

XS-7

XS-8

611.0
610.3

612.0
611.2

613.0
612.3

614.0
613.4

615.0
614.4

616.0
615.4

617.0
616.9

618.0
617.5

619.0
618.4

S1

S2

GSC 830079

BC 87013

PRINCETON

SIMILKAMEEN RIVER

RIVER

DYKE

PIT

RES

T

F