ECOCAT ID # 491-2

1:20,000 RECONNAISSANCE FISH AND FISH HABITAT INVENTORY

ZYMOETZ RIVER WATERSHED
440-000000

KITNAYAKWA PLANNING AREA

FISHERIES / INTERPRETIVE MAP

SKEENA CELLULOSE INC.
KALUM FOREST DISTRICT
1999

MAPSHEET# 93L052 Map 2 of 9

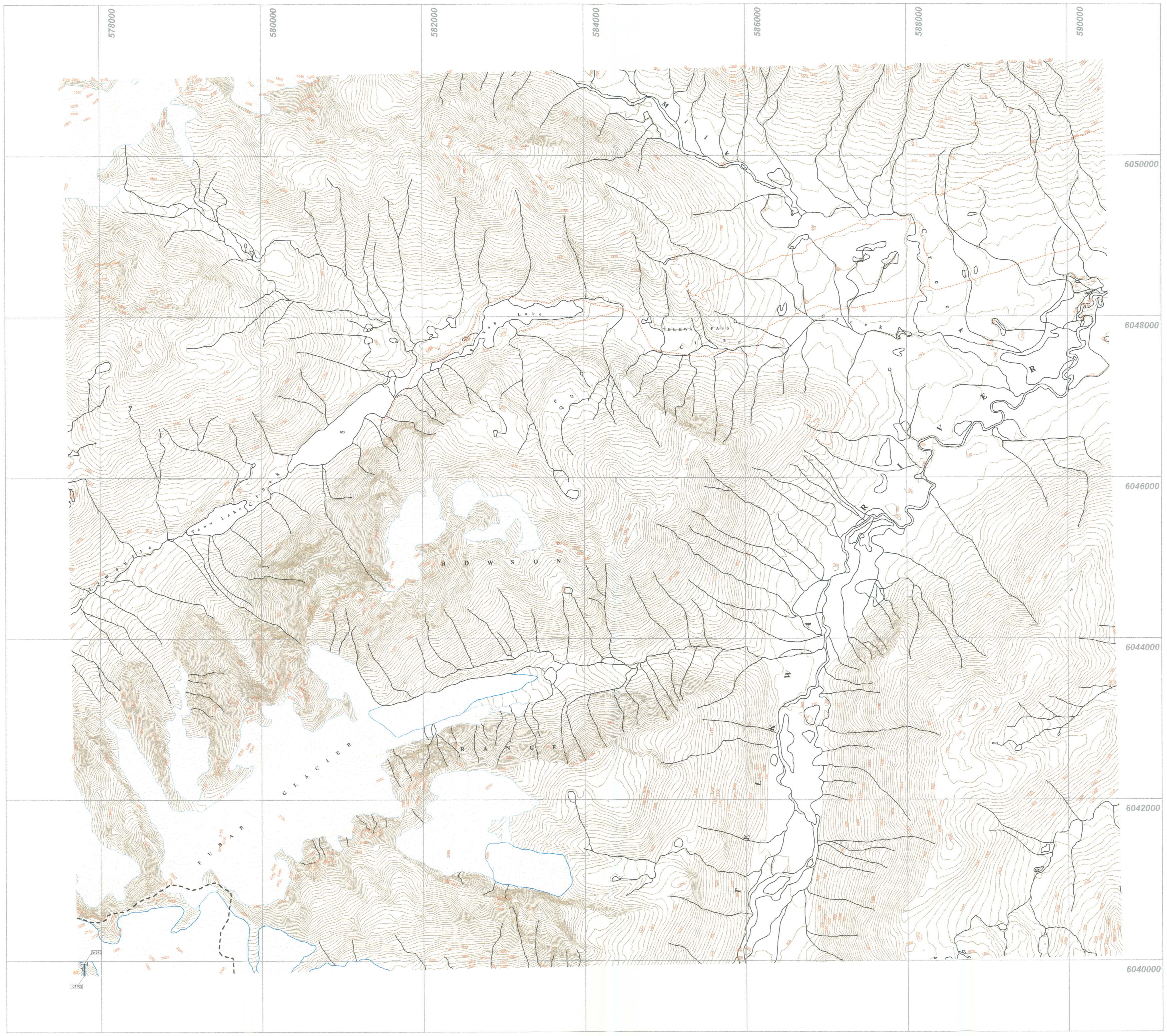
N W E S

1000 0 1000 2000 Meters

Scale 1:20,000
Contour Interval (20m) Projection UTM

Date: *1999/10/29* (yyyy/mm/dd)

Company: *AW* of TRITON Environmental Consultants Ltd.



STREAM INFORMATION SUMMARY

12345 Interim Locational Point (ILP)

123-123456-12345... Watershed Code

Reach Summary Symbol

Fish Code(s)

CO DV RB
2 - 12 | S2 ( ) Inferred

Channel Properties — Gradient, Channel Width

Stream Classification

18 * Reach Gradient

Sample Site ID

15 Sample Site

123-123456 12345ABCD — Watershed Code, Waterbody Identifier

Lake Summary Symbol

Lake (L) or Wetland (W) — Surface Area — Maximum Depth — pH — Conductivity — TDS — Littoral Area

L - 175 - 8.0 - 6.8 - 29 20 - 15
CSU NFC NSC PCC RSC RB WSU

Fish Code(s)

Stream Reach Boundary

2 C 5 — height (in meters), length (in meters)

Obstructions

Beaver Dam — Falls — Persistent Debris Accumulation

Cascade — Culvert — Dam

Features

Eroded Bank — Slump — Rapids

Alluvial Fan — Bedrock - confined — Wetland / Marsh

Colluvial Fan — Landslide Debris — Subsurface Flow

Talus Cone — Landslide Area — Tributary

Rock Outcrop — Canyon — Dewatered Section

Slumping Bank — Braided Stream — Side Channel

Enhancement / Management Activities

Fisheries Sensitive Zone

WSC Information

12AB123 Hydrometric station

Stream Classification

Fish Present (Confirmed) — Fish Not Present (Confirmed) — No Visible Channel

Fish Present (Inferred) — Fish Not Present (Inferred)

TRIM Base Map Anomalies

Field-Identified Stream — Base Map Discontinuity

Base Map Features

River / Stream — Marsh — Road - loose surface

River / Stream - intermittent — Swamp — Road - rough surface

River / Stream - indefinite — Glacier — Index Contour

Lake — Icefield — Index Contour - indefinite

Lake - intermittent — Sand / Gravel Bar — Project Boundary

Lake - indefinite — Island

✱ NOTE : Gradients were calculated from TRIM maps during planning Phase 1 2 3 of this project.

FISH SPECIES

Present

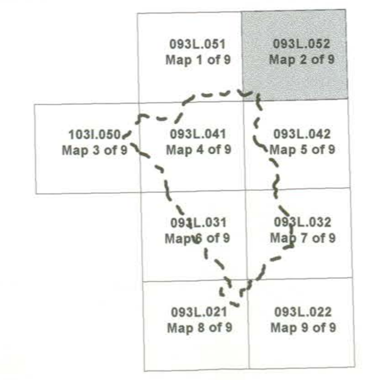
CODE	DESCRIPTION
NFC	No Fish Caught
NS	Not Sampled
NFU	No Fish Use
BT	Bull Trout
CH	Chinook Salmon
CO	Coho Salmon
CT	Cutthroat Trout
DV	Dolly Varden
RB	Rainbow Trout
EFU	End of Fish Use

Historical

CODE	DESCRIPTION
	End of Fish Use/No Fish Use
	Fish Presence - Salmon
	Fish Presence - Sport
	Fish Presence - Regionally Significant
	Fish Presence - Other
	Fish Observation - Salmon
	Fish Observation - Sport
	Fish Obs. - Regionally Significant
	Fish Observation - Other
	Fish Spawning Limit - Salmon
	Sample Site - No Fish Use

Source: *MELP*

PROJECT STUDY AREA BOUNDARY



"This product has been accepted as being in accordance with approved standards within the limits of Ministry quality assurance procedures. Users are cautioned that interpreted information on this product developed for the purposes of the Forest Practices Code Act and Regulations, for example stream classifications, is subject to review by a statutory decision maker for the purposes of determining whether or not to approve an operational plan."

INVENTORY SOURCE INFORMATION CODES

CODE	DESCRIPTION
BASE - Base Map	
TRIM	1:20,000 TRIM Maps
NTS	1:50,000 NTS Maps
OTH	Other Map Source
STR SYM - Stream Symbol	
INV	Field Inventory
SS	Summary
N/A	Not Applicable
OTH	Other

CODE	DESCRIPTION
LK SYM - Lake Symbol	
INV	Field Inventory
SS	Summary
N/A	Not Applicable
OTH	Other
LOC - Location Information	
FDE	Field Estimate
FDG	Field, GPS
APE	Airphoto, Estimate

CODE	DESCRIPTION
APP	Airphoto, Planimetric
VDN	Video, Approximate
VPC	Video, Corrected
OTH	Other
HAB - Habitat Information	
INV	Field Inventory
SS	Summary
N/A	Not Applicable
OTH	Other

CODE	DESCRIPTION
AP	Aerial Photography
VID	Video
FISH - Fish Information	
INVD	Detailed Field Inventory
INVG	General Field Inventory
SS	Summary
N/A	Not Applicable
OTH	Other
DATE INV - Date of Inventory	

CODE	DESCRIPTION
INVMGNT - Group/persons resp. for conducting inventory	
MELP	Ministry of Environment, Lands & Parks
MOF	Ministry of Forests
GSC	Geological Survey of Canada
OTH	Other

FOREST PRACTICES CODE RIPARIAN CLASSES (STREAM CLASSIFICATION)

Riparian Class	Average Channel Width (m)	Reserve Zone Width (m)	Management Zone Width (m)	Total RMA Width (m)
S1 Large Rivers	≥ 100	0	100	100
S1 Except Large Rivers	> 20	50	20	70
S2	> 5 ≤ 20	30	20	50
S3	1.5 ≤ 5	20	20	40
S4	< 1.5	0	30	30
S5	> 3	0	30	30
S6	≤ 3	0	20	20

BASE MAP INFORMATION

Projection: *UTM*

Datum: *NAD83*

UTM Zone: *9*

INVENTORY SOURCE INFORMATION

BASE: *TRIM* STR SYM: *INV*

LOC: *FDE* LK SYM: *INV*

HAB: *INV* FISH: *INVD*

DATE INV: *1999/09/01* INV MGNT: *OTH*

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