

O.P. LAKE
JUNE 7/81

MIKE THORP

MT-5

CLOUDY - ~~S~~ - FRESH SNOW.

PURPOSE: TO SAMPLE \int PROSPECT DRAINAGE
AROUND O.P. ^{LK} AREA.

842616

JHTI-33 - SILT FROM SMALL
STREAM FLOWING INTO ^{SMALL} TIED OVER
LAKE UP FROM O.P. LAKE. STREAM
FLOWS THROUGH YOUNG INTRUSIONS
NO O/C OR FLOAT.

STREAM
FLOWING
SOUTH

JHTI-34 - NO SILT. AVAILABLE FROM
SOIL FROM BANK. IN STUINI
RX - EXTENSIVE OVERBURDEN NO O/C
BASALTS IN FLOAT \pm YOUNGER
MONZ - GRDR BULDERS. OTHER
VOLCS \int VOLC SDST - ANDESITES?
SCATTERED AROUND.

JHTI-35 - SILT ON DRAINAGE ~~TO~~
FLOWING SSE.
STUINI - OVERBURDEN.

JHTI-36 - SILT? ON DRAINAGE
FLOWING S.W.

MTT1-15 CHIP SAMPLE.

ANDESITE (?) MOTTLED GREY
BROWN ON WEATHERED SURFACE.
MINOR HEMATITE STAINING - MAINLY
RELATED TO FRACTURES. GREY-
GREEN & FRESH ON FRESH
SURFACE.

NO OR VEINING, MODERATELY
FRACTURED, LOW HEMATITE
ALTⁿ STAINING ANDRESITE.

~25M DOWNSTREAM SMALL OIL
OF PILLOW LAVA - W/ WEATHERED,
CRUMBLY - CARBONATE ON FRACTURES.

MTT1-16 CHIP SAMPLE

VOLC-PEBBLES SDST. MOTTLED GREY
WEATHERED SURFACE, MODERATE - HIGH
FRACTURE, GREENISH, SORT OF
CHLORITIC FRESH SURFACE W/
VOLC PEBBLES UP TO ~1/8"
ACROSS. TEXTURE IS SANDY -
QUITE CRUMBLY. W/ MINOR
OR VEINING. SOME CARBONATE
ON FRACTURES.

MTTI-17

CHIP SAMPLE

VOLC BRKX. W/ SIMILAR TO
 VOLC-~~FRAG~~^{PEBBLE} SDST EXCEPT BRKX
 APPEARS MORE BRECCIATED & FRAG
 SIZE OFTEN OVER 1" LONG. GREY
 GREENISH (O.D. HEMATITE) WEATHERED
 SURFACE & FRESH SURFACE CONTAINS
 VOLC FRAGS (FRESH) W/ GREEN SANDY
 TEXTURED GROUND MASS. ROCK APPEARS
 W/ FRESH. MINOR OR VEINING UP
 TO ~ 1/16" WIDE. NO SULPHIDES
 OR SECONDARY MINERALS OBSERVED.
 MINOR CARBONATE AROUND FRACTURES
 FRACTURING LOW-MOD.

MTTI-18

CHIP SAMPLE

DARK FIREWORKED OF KING
 SALMON F.M. (COULD BE VOLC
 PEBBLE SDST?). FRESH LOOKING
 DARK GREY FRESH SURFACE. NON-
 DESCRIPT MOTTLED GREY WEATHERED
 SURFACE. FRACTURING LOW-MOD.
 SOME OR VEINING TO AN 1/8".
 NO VISIBLE SULPHIDES - MINOR
 HEMATITE STAINING; SOME
 CALL ON FRACTURES.

CONTAINS MASSIVE CA
VEINING (SEEN IN FLOAT)

MTT-19

CNP SAMPLES

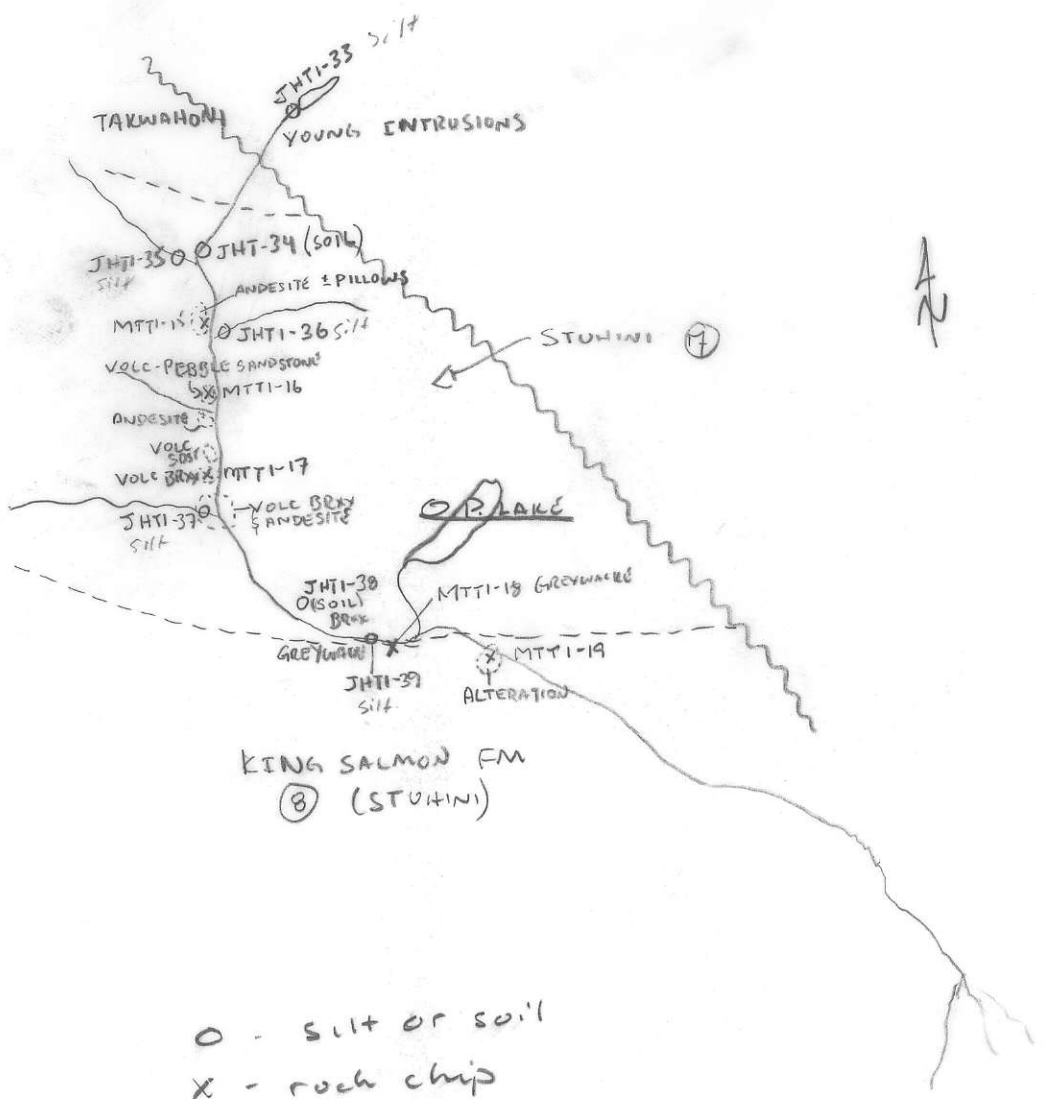
ALTERED ^{KING} SALMON GYWK ?
EXTENSIVE HEMATITIC ALTN - RED-
ORANGE WEATHERED SURFACE
HEAVY FRACTURING GIVING Rk
A BROKEN APPEARANCE, SMALL
QZ VEINS THROUGHOUT. POSSIBLY
IS BRECCIA SOME FOREIGN FRAGMENTS
ARE EVIDENT, POSSIBLY GOOD
AN HOST ROCK. MODERATELY
CALCAREOUS: POSSIBLY ; 1) CALC SED
2) CALC ASSOCIATED W/ FRAC.
NO SULPHIDES SEEN & ONLY
SECONDARY HEMATITE?
SOME ALTERED Rk POROUS &
(COULD BE "EX"-VOLC

ATTITUDES 100/40 N
 SANDSTONE SILTSTONE
 CONGLOMERATE
 VOLCANIC
 SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHERT
 SHALE
 ROCK
 SILT X SOIL
 INTRUSIVE
 GOSSAN, MINERALS
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED.....

Project TELSEQUAH	NTS 1044 K	Scale 1" = 1/2 mile	Page of	Traverse MT-5
Sampler John H Mike T.	Location, Target (words) DRAINAGE south of O.P. Lake		Sample Nos JHTI-33-39 MTTI-15-19	
Date June 7/84	photo no. T-15-24 ?		Cert. Nos	

BC 5614 ± 0241.

✓ Rocks not analysed?



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

June 7/81

O.P. LAKE

MT-5
M. Thicke.

A day was spent traversing a drainage near O.P. Lake. M. Thicke & J. Hawthorne spent the day sampling, prospecting & mapping through young intrusions, possibly Tahwuhoni, Stuhini (& King Salmon Fm). Traverse could not be completed in its entirety due to the ruggedness of the creek. ~~Silts~~ Silts & soils were taken where possible & chip samples were taken in various rock types.

Geology included a little monzonitic - quartz monzonite (?) float from young intrusions & conglomerate from Tahwuhoni. Rocks from the Stuhini were volcanics: volcanic pebble sandstones, andesites, volcanic breccias. King Salmon Fm (Stuhini) include shaly float, greywacke & an altered "calc volcanic" (?) → MTT1-19 chip sample.

Caliche veining present → Quartz veining was low through-out traverse & only gossan encountered was small & mentioned above likely not much potential - will have to wait on geotom. Pyrite & any other mineralization was not seen.