

June 14 / 81

DM-7

Tatsatua River Creek

RODNEY CK.

Hot-Rocks Traverse

842612

Doug Madsen

Steve Goertz

Tatsatua River

June 14/81

Sample	Type	Stream		Grain Size	Color
		Width	Velocity		
DMTI-76	Silt	8 m	4	Fine	Grey
			(Tatsatua Creek)		
DMTI-77	Soil				
DMTI-78	Silt	$\frac{1}{2}$ m	2	Medium	Grey
DMTI-79	Soil				
DMTI-80	Rock (Float)	1-2 inch Quartz vein with pyrite crystals interspersed. Found on steep talus slope below outcrops,			
DMTI-81	Rock (Float)	Quartz veined, altered rock containing black substance.			
DMTI-82	Soil				
DMTI-83	Soil				
DMTI-84	Silt	10 m	4	Fine	Grey

Soils

Horizon	Organics	Depth	Color.	Steepness
B ₂ C.	No	0	Grey	Mod. On outcrop.
B	No	10 cm	Grey	Steep.
Cache Creek formation shot with white quartz, potassium feldspar and pyrite crystals.				
Cache Creek formation with quartz veins and black chlorite.				
B	5%	10 cm	Grey, brown	Steep.
B	No	0	Grey, brown	Steep. On outcrop

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Sample	Type	Stream Width	Velocity	Grain Size	Color
DMTI-85	Soil				
DMTI-86	Soil				
DMTI-87	Silt	10 m (Tatsatua Creek)	4	Fine	Grey
DMTI-88	Silt	8 m (Creek joining Tatsatua)	4	Fine	Grey
DMTI-89	Soil				
DMTI-90	Rock (Float)	Quartz veined altered Cache Creek formation; from large talus slope Green-grey rock; white red quartz.			
DMTI-91	Soil				

Soils

Horizon	Organics	Depth	Color	Steepness
	No	15 cm	Med. Brown.	Mod.
B	No	0	Grey	Mod. Glacial Debris.
B	10%	10 cm	Med. Brown	Mod.
B	No	20 cm	Grey Brown	Mod.

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Summary:

Weather: Sunny, cold, wind

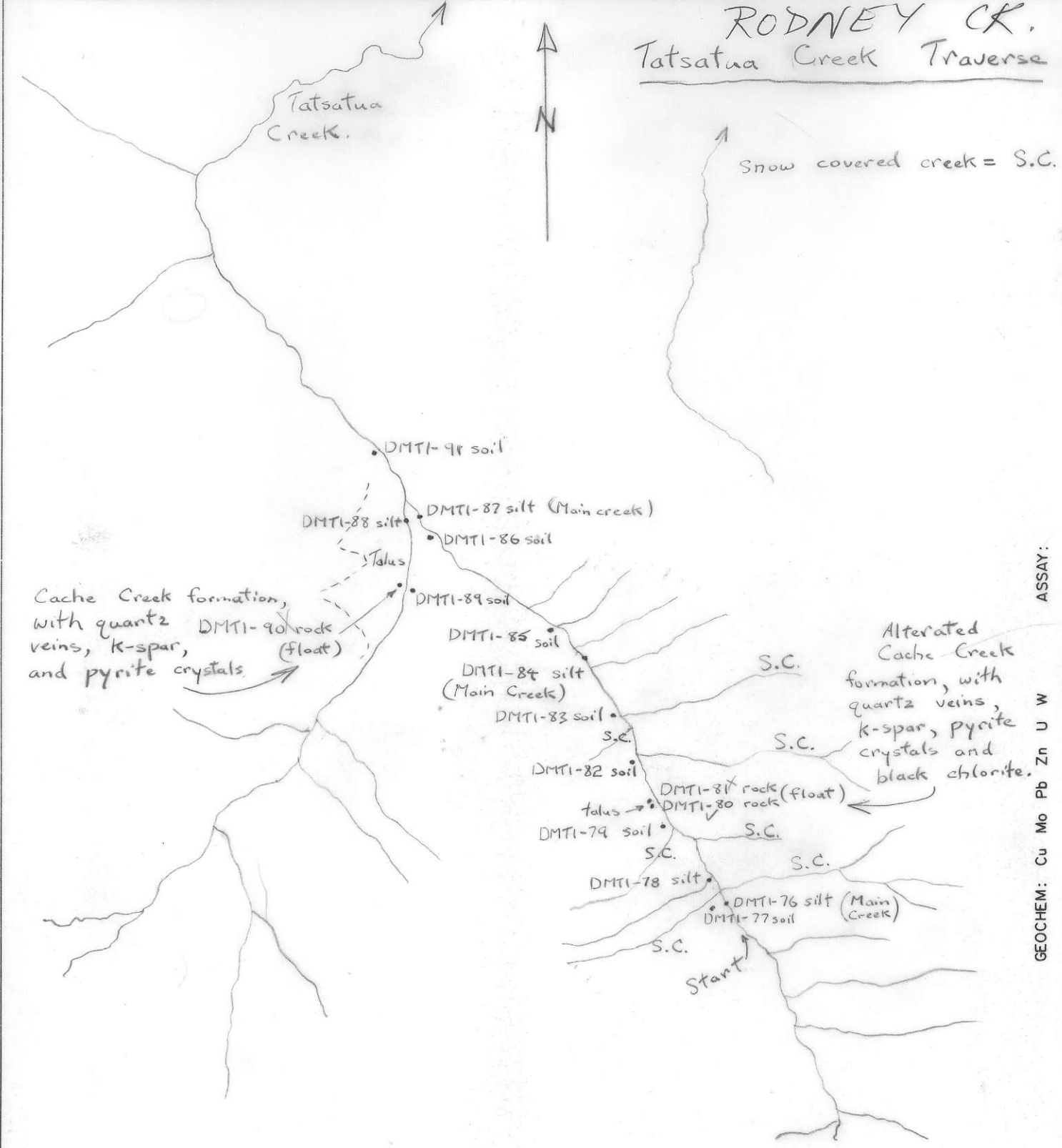
Steve Goertz and I were dropped on Tatsatua Creek at end of Ken Shannon's previous traverse, and followed creek for about 2 miles taking soils \approx every 300 m and silts where possible. Many streams were covered by snow slides. Stayed on SW side of creek.

Found interesting float of Cache Creek formation altered by quartz veins and K-spar.

Sampler <u>Doug Madson</u> <u>Steve Goertz</u>	Location, Target (words) <u>Regional Survey</u>	Sample Nos <u>DMT1-76 → DMT1-91</u>
Date <u>June 14/81</u>	photo no. <u>T-11-383</u>	Cert. Nos

RODNEY CK.
Tatsatua Creek Traverse

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



ASSAY: GEOCHEM: Cu Mo Pb Zn U W