

Stop 1 HMT1-3 LD-14

LDTI-113, 114, 115, 116.

Confluence of Tatsatua and  
streams draining Tatsamenie.

Wall of Tatsatua R. orange-  
brown - weathering o/c's of  
Tqfp?? intruding thinly bedded  
black/grey shales (Takwahoni)  
Steep - discordant contacts.

LDTI-113 Orange-weathering, porous,  
and somewhat bleached intrusion  
of gts mags to granite composition

Either an apophyses of 15 or  
16 Cret/Tert intrusive body.

Minor cb vns, w. rust locally.  
The rock is heavily altered  
to clay. Waxy green mineral  
minor component.

LDTI-114 Black/grey shales /  
hornfels - thinly bedded and

842480

shallow-dipping right at and  
up to 5 m. away from contact  
w/ LDTI-113. Minor silification  
and bending at contact  
otherwise no observable  
change. Non-descript, thin-  
bedded shale/siltstone - likely  
Takwaloni occurring probably  
as septum in intrusion.

LDTI-115 Float on gravel

bank. Accounts for < 1% total float.  
myriad networks of  $\text{SiO}_2$  veinlets  
and open-space fillings in  
shattered and fractured orange/brown

weathering calcareous/silty, etc.  
typical of Takwaloni.

Float at this stop mixture of gts and  
granod., orange-weathering Takwaloni,  
minor LDTI-115;

LD71-116 Last rock sample. 1m-wide (max) shear zone  
in Tgfp (gn) which has produced heavy silic<sup>n</sup>  
in the rock accompanied by minor py. Looking  
downstream the Qtz mng is more heavily  
Fe-stained and septae of shales are noted.

Pickup silt T2117; T2118 flow<sub>ing</sub> NE off ridge  
into Little Takamenie lake. Both silt taken in  
Takawahoni cgl; sandstones which overly Cache Ck m  
here.

LD71-117 Representative sample of Takwah. Cgl.  
Kt. clasts rounded clasts fairly uniform in size  
include buff Qtz, chert, shale etc. in silty,  
very calcareous matrix. Matrix typically has  
brown pockets & appear to be weathered out  
sulphides. Rock weathers orange-brown  
like all other sds. around here - must be carbonate  
weathering.

stop 2 HMTI-5:6.

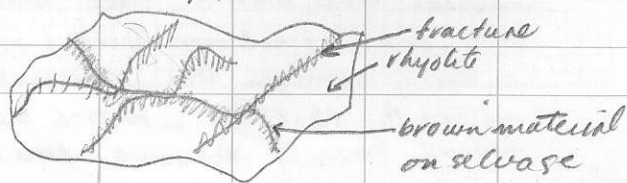
Assortment of float includes Cache Ck.  
greenstones, various types of intrusive (x),  
orange-weathering sds. Very high degree of  
Qtz veining.

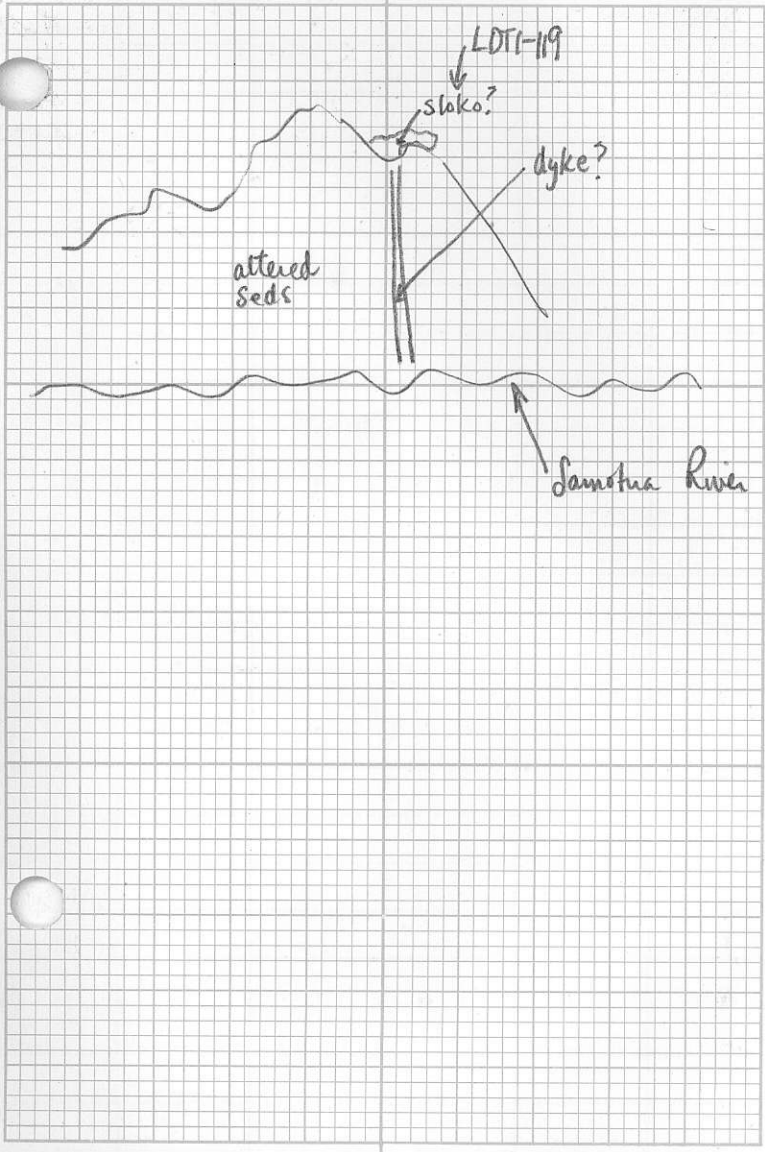
The creek @ HMTI-6 is definitely <sup>contains</sup> much more altered  
material than HMTI-5. Much heavy sil<sup>n</sup> of  
sds, oxidation & intrusion of sds, & more  
ankerite veining. One particularly  
noteworthy float type in HMTI-6 creek is  
heavily (nearly massive) tourmalinized

1016. The tourmaline is so intense that the original rock type is unknown but is probably a young Tertiary intrusion. Tourm. is fine grained and occurs with lesser qtz + plagioclase. Pyrite is present. Sample of this float is LDTI-118.

LDTI-119

taking NMTI-11:12 at confluence of Samotua R. and Big Creek. Note that E-facing ridge above Samotua R. is very rusty, weathering and that cutting through it is a dyke-like red zone - similar in colour to that observed on Hart claims on Hart's Peaks. Very steep - few downy top - one skid landing jumped out & grabbed sample. Appears that in this small area a dyke-fed patch of Sloko rhyolite overlies highly altered sed. 119 is what appears to be of and altered; bleached rhyolite - highly fractured. Fractures are coated and selvaged by aphanitic dark brown mineral (unknown) which replaces the rock adjacent to the fets giving it a brecciated appearance





LDT-119

slako?

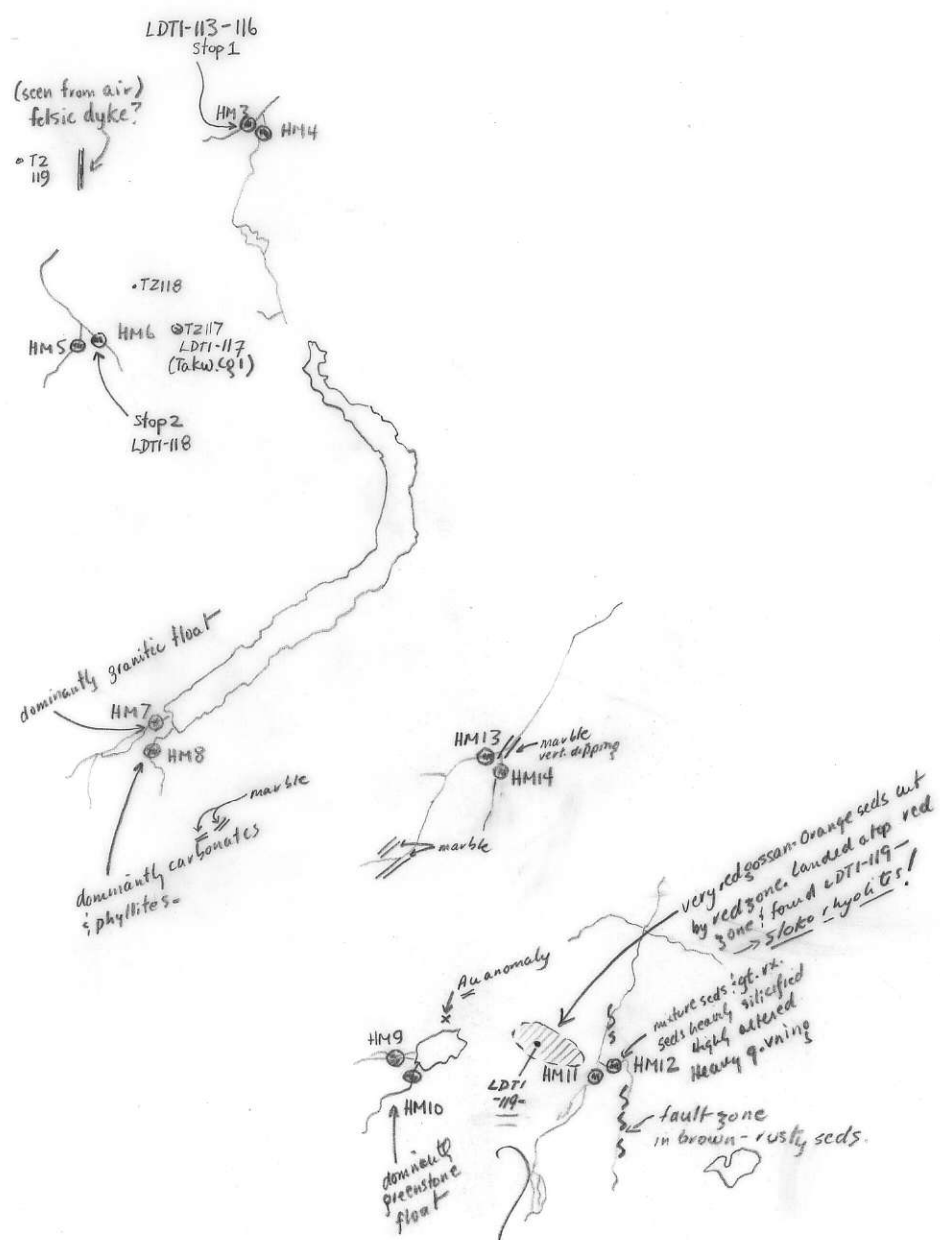
dyke?

altered  
Seds

Samotus River

WSP-02999 TD  
 ATTITUDES  
 100/40 N  
 SANDSTONE  
 SILTSTONE  
 CONGLOMERATE  
 VOLCANIC  
 SPECIMEN SITE A.B. ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CHERT  
 SHALE  
 LIMESTONE  
 DOLOMITE  
 INTRUSIVE  
 GOSSAN,  
 MINERALS  
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED.....

Project M504	NTS 104K	Scale 1"=4mi	Page of	Traverse LD-14
Sampler LAD TKZ	Location, Target (words)		Sample Nos LDTI-113 - LDTI-119	
Date July 4/81	photo no. HEAVY MINERAL SAMPLES		Cert. Nos	



in Bear or Horn??  
 very low  
 0.1 Ag  
 17 As  
 5 Au

GEOCHEM: Cu Mo Pb Zn U W ASSAY: