

842662

With Doug M. ①

Overcast - rain  
threatening

June 16/81

LD-10

First stop to look at T2's  
galena veins south of One

Way Lake then to 5510' peak  
NW of Tardis/Petio to sidehill  
down to river - looking at altered  
carbonates along the thrust fault -  
and a continuation of Tardis-type  
alteration.

Can't remember what  
minutes we left off  
So start with 73

Set off - little alteration well up  
in the Sinwa section 100 m along  
JM takes DMT1-109. 300 m

farther west come down the  
section and discover, at  
heel line, a highly altered rock  
that looks like a rhyolite  
dyke. Grey-med grnd granular  
rock, well petrd. and heavily  
stained w iron. No Fe<sup>2+</sup>  
w acid. Would definitely  
call this rock a rhyolite

LD1-13

except that there are locally frags of wood fragments - could these be refractory?

Locally, the rock has a distinctive yellow stain on the fracture faces

LDTI-73

and in one case the yellow stain coats a fctr. which is infilled with a bright-red crystalline mineral that could be orpiment or realgar

Sample: 1/2 of this rock = LDTI-73

Definitely crystalline mercury!

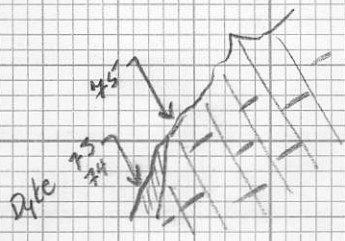
Soil sample here = DMTI-110

LDTI-74

Same as 73 same loc<sup>n</sup> but w/ only yellow oxidation and locally red mineral. On close inspection this rock turns out to be coated w/ a very fine grnd. sulphide - pyrite?

LD11-75

country rx adjacent to dyke. Frtd  
but non silicified grey and black  
massive limestone. Weak rust  
locally - very high tetrd.



LD11-76

100 m further west along strike  
quarried; highly sugared. Must be  
right on strike of the KS fault  
Lstones vertically dipping. Local  
OK's of "dyke-like" rock w  
yellow oxidation. This is a  
rock chip. Extremely heavily  
altered; weathered - porous  
rock looks like altered  
remnants of feldspar →

megacrysts. HS also. Soil thin  
locality = DMT1-111

50m further NW standing right  
on KS Fault which dips 75° N  
here LDT1-77 is a chip sample  
of the fault gouge. Yellow  
oxidation, rust, both present.  
Fault zone 3-6 m-wide

LDT0-78 same loc<sup>n</sup> as DMT1-112  
Completely bugged up Sonwa,  
intermixed with same rhyolitic -  
looking rock as described before

LDT1-78 / 10. v. fine, grey w. v. abundant  
finely divided pyrite and yellow-  
brown oxidation. Can't tell  
rel<sup>n</sup> between this rock and  
Sonwa stone as too much  
folding faulting etc. This sample  
taken in shale on slope.

LDTI-79

rusty-weathering dk grey  
sandy ls stone w abundant  
Hm petroleum; abundant

finely divided pyrite.

Pyritiferous sandy (silty) carbonate

\* Same loc<sup>n</sup> as 78

LDTI-80

Bottom of cliffs - base of scree.

High fctrd; ~~st~~ cb-veined  
sruwa. Clear mineral inter-  
mixed w cc is cubic and could  
be clear fluorite.

Project M504	NTS 104K	Scale	Page of	Traverse LD-10
Sampler LA Dick	Location, Target (words)		Sample Nos LDTI-73-80	
Date June 16/81	photo no. BC 5614 - No. 149		Cert. Nos	

