6711719

JULY 25 1982

LEVEL MOUNTAIN CAMP 1

82 NXLM CT 1
surface, rusty brown, 0% organics no veg. moderate to steep slope some small pebbles, taken next to a water shed.

Outcrop 1
appears to be a slightly altered breccia. has some disseminated pyrite (?) in it. A little bit of quartz present. has manganese staining on weathered surfaces.
rock sample JL 1 taken here

Outcrop 2
appears to be a rhyolite, rusty weathering on surface.

82 NXLM CT 2
surface, red brown (more red) 0% no veg. top of ridge.

GS (grab samples) 4 and 5 are what I am calling a rhyolite. slight differences between the two. 4 shows signs of crinkling.

GS 7 - a breccia, found on ridge between OC2 and CT 3

82 NXLM CT3
surface beige grey 0% no veg. taken at top of ridge in a saddle.

GS 8 - found next to CT 3. A breccia.

talus between CT 3 and oc 3 is mainly a kaolinized breccia - see GS 9

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GS 9 - A kaolinized breccia found between CT 3 and OC 3

Outcrop 3 - a dark rock with rusty black weathering. Has porphyroblasts (enlarged crystals) of what looks like quartz.

Rock sample JL 2 taken here.

talus between OC 3 and OC 4 is mainly kaolinized rhyolite - see GS 10, 11 & 12 some have quartz in them, usually lath like.

Near or just by OC 4 there is talus which has red splotches in it which could be realgar - GS 13

Outcrop 4 - hard black rock, resembles very closely the alkali olvine basalt found over on Heart Peaks.

A ? appears to be dykes or lines of rock that is slightly more resistant. Shows up on airphoto. On side of pseudo cliff.

82 NXLM CT 4
surface brown 0% no veg
taken at top of ridge

between OC 4 and CT 4 change from GS 14 to kaolinized shit

Outcrop 5
appears to be the same sort of rock as GS 14

Outcrop 6
resembles GS 15

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Outcrop 7 - a dark volcanic (basalt)? (see GS 16)

between OC 6 and OC 7 it is generally the same sort of rock

has a glassy mineral I don't recognize possibly olivine

JULY 26 1982

Outcrop 8 - a dark volcanic, possibly vesicular basalt?

82 NXLM CT 5

surface brown 0% organics no veg moderate slope some small stones

talus between OC 8 and OC 9 looks like a flow volcanic possibly rhyolite

Outcrop 9 - a crumbly agglomeratic flow, has bits of what looks like vesicular basalt in it

ROCK SAMPLE JL 4 - taken from OC 9

flow overlying that of OC 9 is an altered rhyolite that has epidote staining (faint green)

Outcrop 10 - basaltic flows overlying other flows, sometimes intermixed. basalts have feldspar phenocrysts in them, maybe quartz

found one or two pyroclastic lumps with glass in them.

rhyolite (vessicular) flows, or rather talus can also be found. Most especially between OC 8 and OC 9

no exciting mineralization seen.

JULY 26 1982

Rock sample JL 5
- basalt, occasionally has laths of feldspar

82 NXLM CT 6
surface gray 0% organics no veg. taken at top of ridge.

ROCK SAMPLE JL 6
- rhyolite with filled vesicles seems to underly basaltic flows

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JULY 27 1982

ROCK SAMPLE JL 7
- A dark volcanic with an intermesh of some mineral in it, the rock is very hard

Outcrop 11 - basalt, has phenocrysts of feldspar or ~~quartz~~ (olivine)?

Outcrop 12 - greenish tinged basalt with feldspars and possibly olivine

ROCK SAMPLE JL 8 - taken between OC 11 and OC 12. An altered vesicle rhyolite, has a metallic mineral in some of the vesicles.

Outcrop 13 - green stained (epidote?) olivine basalts. On weathered surfaces is a black layering that seems to be faintly magnetite. The basalt is very hard.

ROCK SAMPLE JL 9 - taken from OC 13

float between OC 12 and OC 13 also has this black layering.

Outcrop 14 - green stained (epidote for sure) olivine basalt, some black layering is evident.

B - appears on airphoto, is merely an area of light coloured soil

Outcrop 14 cont'd - at the end farthest away from camp the basalt becomes fissile with the direction of foliation being @ approx 90° dipping southerly at approx 35 or 40°. At this end of the basalt seems to lose a little of its epidote staining.

82 NXLM CT 7

surface, beige brown 0% organics no veg. flat top of ridge, sandy slightly damp

B cont'd. - soil or fine talus is sandy in some places in other places it is a fine grey clay. the clay appears in localized patches

ROCK SAMPLE JL 10 - taken from float between OC 13 and OC 14 along ridge, float altered with lots of red minerals in what used to be either a rhyolite or a green stained chrome basalt.

JULY 28 1982

LEVEL MOUNTAIN CAMP 2

82 NXLM CT 8

surface, red brown 0% organics moss and lichen nearby, taken in a frost mud heave on the opposite side of the lake from camp. flat

82 NXLM CT 9

surface, red brown 0% organics no veg. taken at side of lake - probably recently uncovered by evaporating water.

JULY 29 1982

Outcrop 15 - basaltic flows, has a very few bits of disseminated pyrite

Outcrop 16 - basaltic flows that have cooled rapidly - unknown glassy mineral present.

82 NXLM CT 10

surface red brown 0% organics no veg. taken at top of a ridge, almost flat

Outcrop 17 - basaltic flows, olivine crystals in it.

ROCK SAMPLE SL 11 - basalt flow, more vesicles and these have some minerals in them, olivine, quartz & pyrite

82 NXLM CT 11

surface red brown 0% organics no veg. moderate.

Outcrop 18 - a darke volcanic - not sure which one - has phenocrysts of different minerals in it

Outcrop 19 - interbedded basaltic and agglomerate flows

ROCK SAMPLE JL 12 - taken from OC 19 basalt with phenocrysts of olivine quartz and other minerals. Just above agglomerate flow.

ROCK SAMPLE JL 13 - agglomerate flow has quartz and a metallic mineral in it.

Outcrop 20 - Basaltic flows overlying agglomerate flows - in the main, also interbedded to a slight degree.

Agglomerate flows are probably sediments that were laid down between eruptions. They are not too thick.

AUGUST 1 1982

LEVEL MOUNTAIN CAMP 3

Outcrop 21 - Volcanic flows with feldspar and olivine phenocrysts. Interbedded with crumbly agglomerate flows made up of small bits of the volcanics and other material

ROCK SAMPLE JL 14 - taken from OC 21 from the uppermost volcanic flow has alkali and olivine phenocrysts

Outcrop 22 - volcanic flow with same phenocrysts as OC 21. flow now recognizable as a ~~basalt~~ basalt

82 NXLM CT 22 -
surface brown 0% organics no veg. moderate slope taken near top of ridge

Outcrop 23 - epidote stained basalt flow phenocrysts of olivine, feldspar and qtz

Outcrop 24 - black basalt flow, has phenocrysts of obsidian and quartz

Outcrop 25 - epidote stained basalt pinnacle, part of a flow. Has olivine phenocrysts.

Outcrop 26 - basalt flow that has lots of horizontal (or near to it) fractures quartz and feldspar phenocrysts.

ROCK SAMPLE JL 15 - taken from OC 26

Outcrop 27 - basalt flow quartz and olivine phenocrysts.

Outcrop 28 - basalt flow quartz olivine and feldspar phenocrysts. blacker at end closest to camp, epidote stained at farthest end

AUGUST 1 1982

Outcrop 29 - basalt flow olivine and possibly quartz phenocrysts

ROCK SAMPLE JL 16 - taken in OC 29

82 NXLM CT 15 - surface red brown o/s organics no veg taken at top of ridge, cinder like.

82 NXLM CT 14 - surface light brown o/s organics no veg. taken on flat spot near top of a ridge.

AUGUST 2 1982

ROCK SAMPLE JL 17 - conglomerate with red pebbles, taken near top of Golden Lion claim.

Mega blizzard has just arrived. Hill sides to the south have gone white, very winter wonderland. Hard to see, am going to head down hill.