

20000N

15000N

150N

161N

156S

161S

GRANODIORITE SHEET

HAZELTON VOLCANICS

BOWSER SEDIMENTS

bleached
unbleached

65 80

69

80

643

HAZ. - G.D.
contact at
3800' prog.

BOWSER - HAZ.
contact at
1323' prog.

3500 LEVEL

SKETCH OF GENERALIZED GEOLOGY

SCALE 1 inch: 1000 ft

20000E

802515

Yorke Hardy, Glacier Gulch.

2-3/10.72

The orebody at Glacier Gulch, estimated to contain some 60M tons at ca. 0.3% MoS_2 lies inside the mountain beneath the so-called "grid area" in the gulch below the ice snout where mineralization was first found and investigated. The top of the mineralization lies about 1000' below the surface at the grid area.

The orebody lies wholly in a thick composite sheet of so-called granodiorite which lies conformably? within the Hazelton group volcanics and dips generally 30° SE. This granodiorite sheet shows several variants which are indicated on the idealized vertical section and illustrated by collected specimens.

Shape of the orebody as it appears to be emerging up to date is not easy to sketch or describe. It resembles a resembles a gigantic pair of breeches, with one leg fatter than the other and located at a lower level. High grade ore, with a strong contribution from the rich, c. gr. type II veins occurs mainly in the "seat of the pants", while the legs carry the moly almost entirely in the f. gr., often ribbon structured type I veins.

The thinner (more easterly) leg lies mainly or wholly within the aplitic, leucocratic, phase of the granodiorite, while the fatter, lower, more westerly leg is in more melanocratic granodi. The type II veins are mostly southeast plungers, i.e. parallel to the dips of the "legs"

Glacier Gulch

Idealized vertical geological section.



Glacier Gulch

Sketch section along 17200N about centre
of porphyry plug.

W

E

—5000

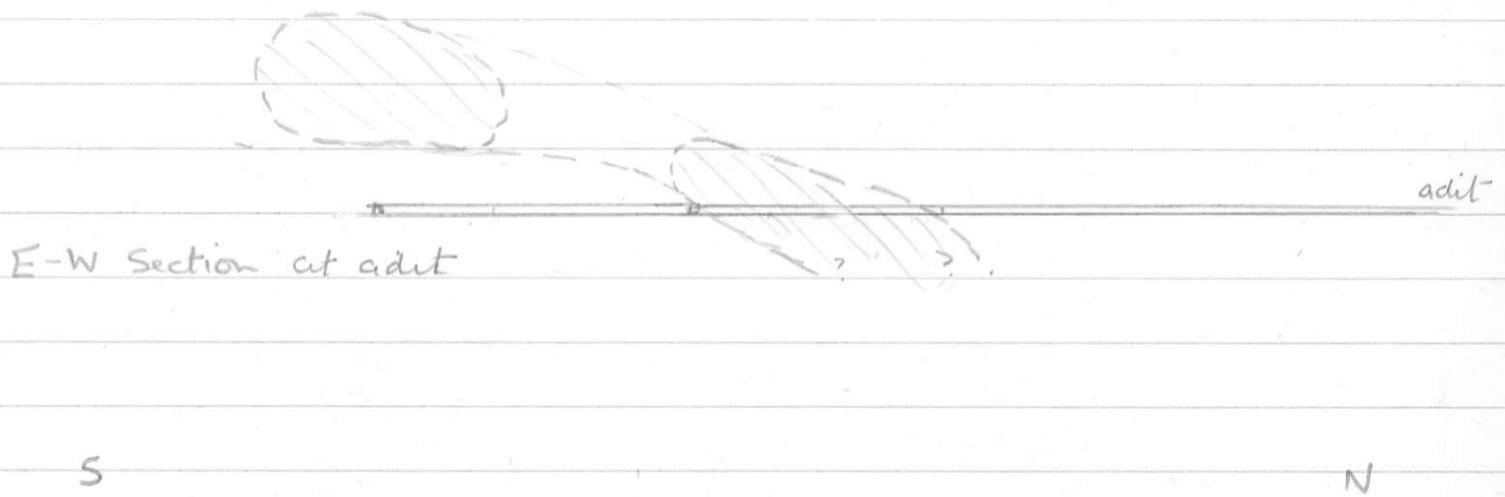
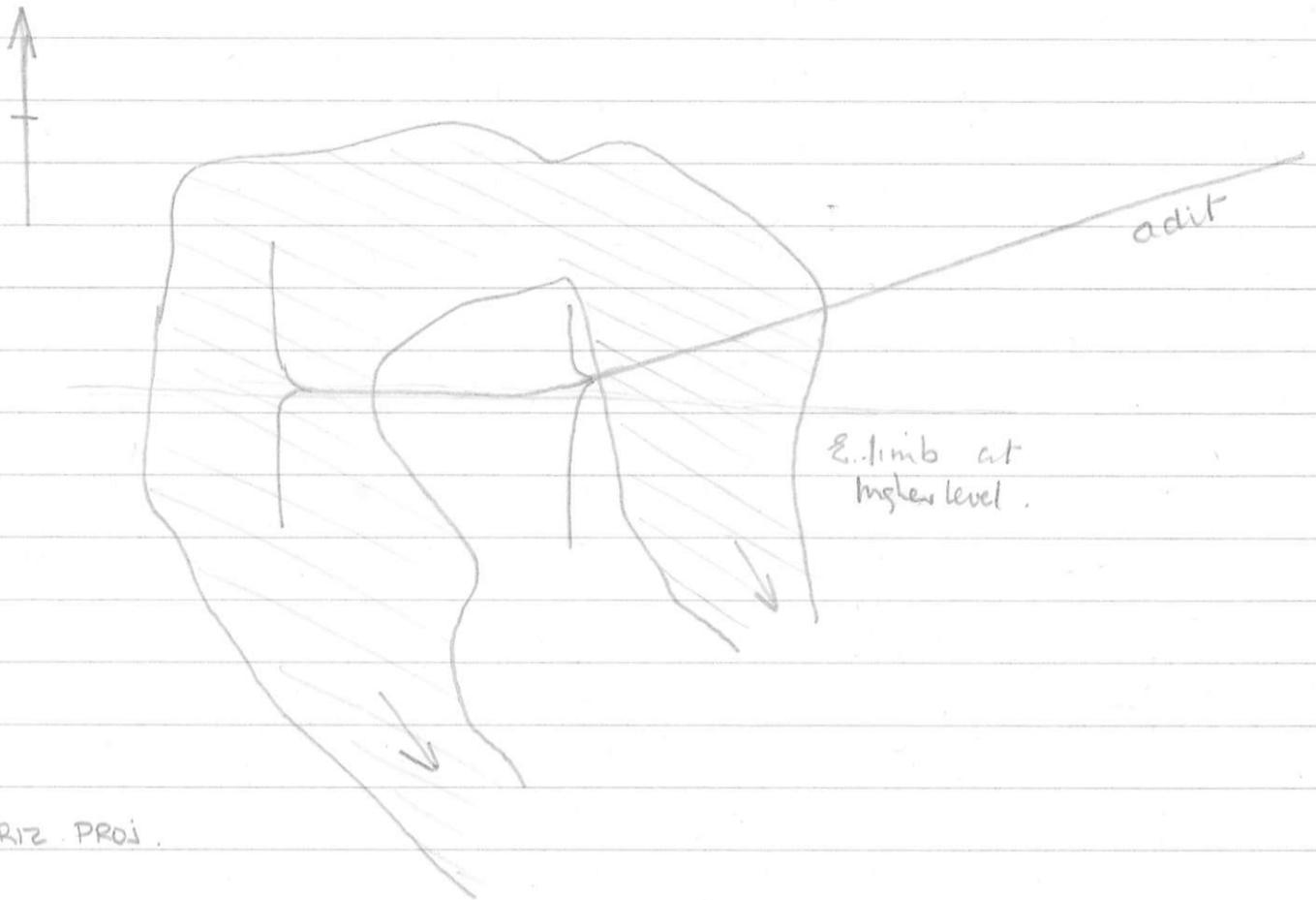
—4000

—3000



Glacier Gulch.

Sketch representation of ore body.



adit level.