TAM PROJECT
92H/4
826814

Sample Sheets

Sample No.
- New section for each area

- Lat ; Dep. — for off-grid samples just insert name of traversed area.

- Date ; Remarks ; easy

- Rock type ; code
1. 'Mafic' , 'basalt'
2. 'Intermediate' , 'andesite'
3. 'dacite' , 'dacite - rhyodac.' , 'int - felsic'
4. 'Felsic' , rhyolite
5. 'chert' , 'chert, bx'
6. 'sediment' 'arenite' , 'argillit'
7. 'intrusive' , 'diorite'
8. feldspar porphyry (HLF)

- Min. ; code
0. no sulphides
1. trace
2. 1 - 2%
3. 2 - 5%
4. > 5%

- Alt ; code.
0. none
1. chlorite
2. sericit
3. silicified
4. epidotized
5. clay
6. carbonate
7. limonite
8. saussurite
9. Fe CARB.
10. hematized.
11. tremolite.
99. undefined but altered.

More than one?
e.g. sil-ep. with 3,4.

seneca / sericite / seneca.

Church Mountain Prospect area (ORIGINAL MAIN SHOWING)

rocktypes
- chert breccia (w. sulphides) IPA
- interbedded cherts & tuffs (with qtz eyes & sulphides)
- finely laminated tuff or wacke local argillite
- basalt dyke or sill

Road north of creek (from bridge, east).
- andesitic pyroclastic
- "gritty and-basalt" (tuff? or arenite) IPB
- green-red marls & cherty marls (interbedded with above)
- basaltic-andesitic breccia with hyaloclastite matrix IPC
- " " " with reddish frags
- silicified basalt-andesit IPD
- debris flow, mixed volcanic & sed clasts (incl limestone)
- minor basalt-andesit flows (in deb. flows).
- volcanic arenites IPE
- intermediate lapilli tuff

Fumerole Ck Area.

By and large has shallow dip into hillside, bedding tends to follow contours.

Sequence:-

- cherty tuff, chert breccia
- Rhyodacit-rhyolit (prob. silicified andesite)
- andesitic lapilli tuffs to agglomerates
- dacites-rhyodacites (prob. silicified andesite)
- dacit-rhyodac. lapilli tuffs
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Falls Ck Area

- Rhyódacit-rhyolit (sil. andesit)
- mafic-intermediat globby flows, now mainly breccia including hyaloclastit
- red-green altered flows + breccias
- andesitic lapilli tuffs + agglomerates, locally silicified
- dacit-rhyodacites, vesicular (silicified andesites?)

Mainline between Church Mtn Rd junction and Falls Creek.

- cherty rhyodac - rhyolit, locally banded (silicified?) IP1
- chert breccia
- dacite (silicified?)
- chert bx (above dacit but sep. by fault) (sulphides)
- cherty brecciated rhyolith? (IP2 IP3) local sulphides
- felsic flow, flow bx and coarser grained intrusive equivalents IP4
- red-green vesicular ? dacite?
- ribbony cherts (interbedded with above). IP5
- felsic? (Sil?) with a few qtz-eyes, green needles after fp or hb, iron carb. alt.
- variably silicified andesite, local qtz-eyes.

Cut Samples

IPA Mineralized chert bx, Church Mountain Prospect

Shattered cherty fragments less than 3cm diameter in a chert matrix. Recementing phase is darker and has caused corrosion at the edges of the original fragments. Many of the smaller original fragments are very hard to see because they are as dark as the matrix. However it appears that the fragments have not moved very far with respect to each other. This is almost certainly a hydraulic breccia.

Sulphides occur as replacement of original cherty fragments and also as finely disseminated crystals throughout the rock. It has accompanied the mid to late stages of silica flooding and hydraulic brecciation. At least some of it was pre-brecciation, now appearing to be fragmented

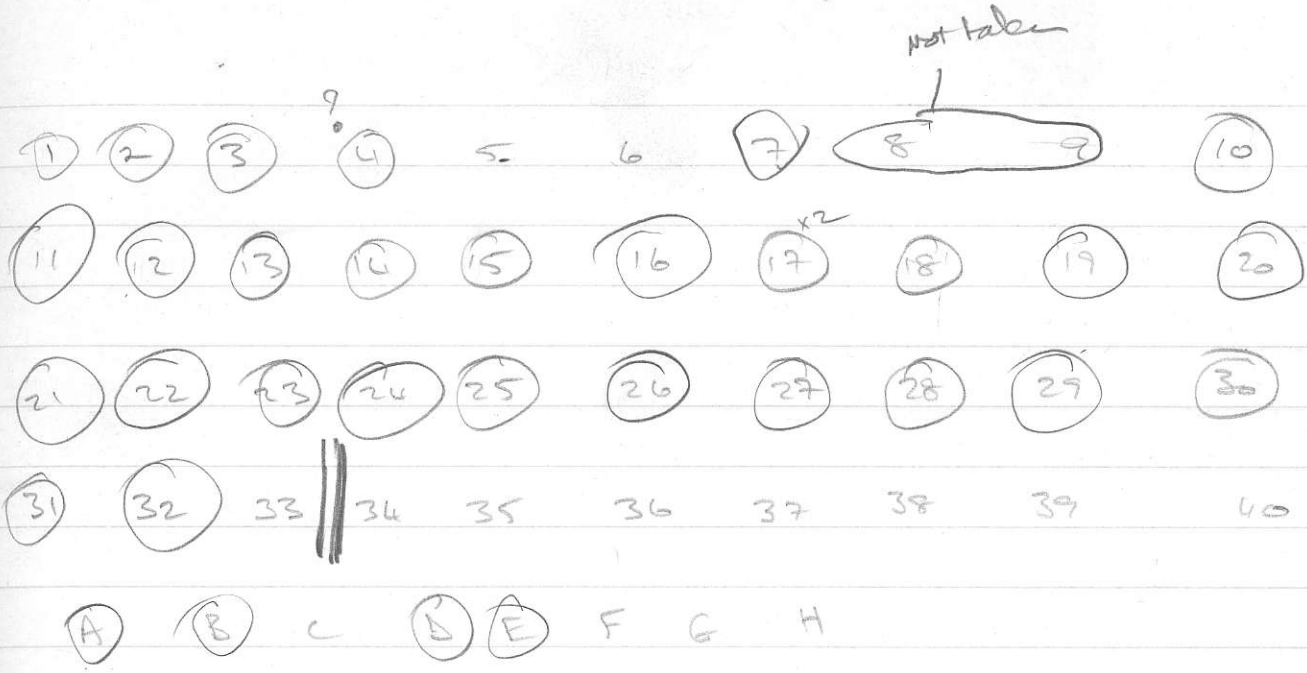
Rock Descriptions

IP 23 (Hen Val. Rd)

Completely unbedded well sorted tuff comprised of broken fp < qtz crystals
Consistent with theory of phreatomagmatic activity

IP22 (as above)

Very similar to 22 but bedded, albeit poorly.


not taken
9
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40
A B C D E F G H

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