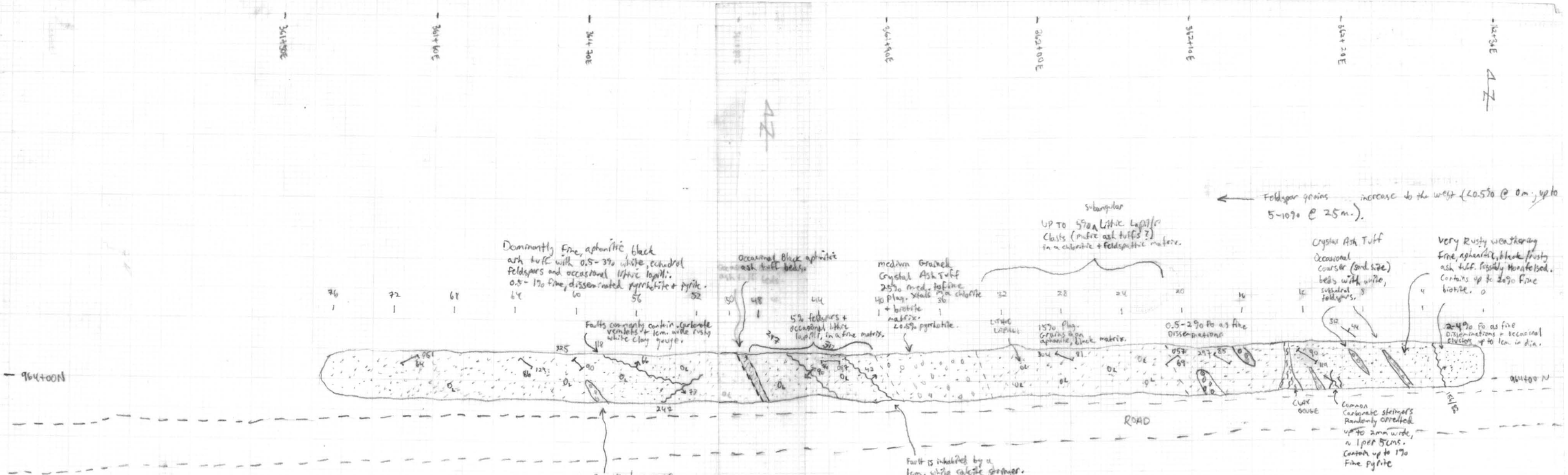
- 341+85E
- 361+60E
- 381+35E
- 401+10E
- 421+00E
- 441+10E
- 461+20E
- 481+34E
A2
A2
Foldspar grains increase to the west (<0.5% @ 0m; up to 5-10% @ 25m.).
Subangular
UP TO 5% Lithic Lapilli Clasts (mafic ash tuffs?) in a chloritic + feldspathic matrix.
Crystal Ash Tuff
Occasional coarser (sand size) beds with white, subrounded feldspars.
Very Rusty weathering Fine, aphanitic, black frosty ash tuff. Possibly Hornfelsed. Contains up to 2.5% Fine biotite.
Dominantly Fine, aphanitic black ash tuff with 0.5-3% white, euhedral feldspars and occasional lithic lapilli. 0.5-1% fine, disseminated pyrrhotite + pyrite.
Occasional Black aphanitic ash tuff beds.
medium Grained Crystal Ash Tuff 25% med.-to fine up Plag. Xtals in a chloritic + biotitic matrix. 2.0% pyrrhotite.
5% feldspars + occasional lithic lapilli, in a fine matrix.
15% Plag. Grains in an aphanitic, black matrix.
0.5-2% Fe as fine disseminations
2-4% Fe as fine disseminations + occasional clusters of up to 1cm. in dia.
Faults commonly contain carbonate veinlets + 1cm. wide rusty white clay gouge.
964+00N
964+00N
ROAD
CLAY GOUGE
Common Carbonate stringers Randomly oriented up to 2mm wide, ~ 1 per 5cms. Contain up to 1% Fine Pyrite
Occasional coarser sand-size grained ash tuff with 20-30% euhedral Feldspar. Bedding orientations are uncertain.
Fault is inhabited by a 1cm. white calcite stringer.
TR93-1
1:200
GEOLOGY 2 of 2
S. BLOWER
Summary:
All of TRENCH TR93-1 IS CONSIDED OF Quesn LAPILLI Tuff(?) Pyroclastics. The dominant lithology is a dark colored Ribbon crystal ash tuff that grades into occasionally a lithic lapilli tuff. This latter lithology locally is coarse grained and resembles the unit HTBX-2 in drill core.
Bedding is difficult to ascertain, & only one accurate measurement was made (312/44).
TR 93-1
1:200
GEOLOGY 1 of 2
S. BLOWER
821511
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.