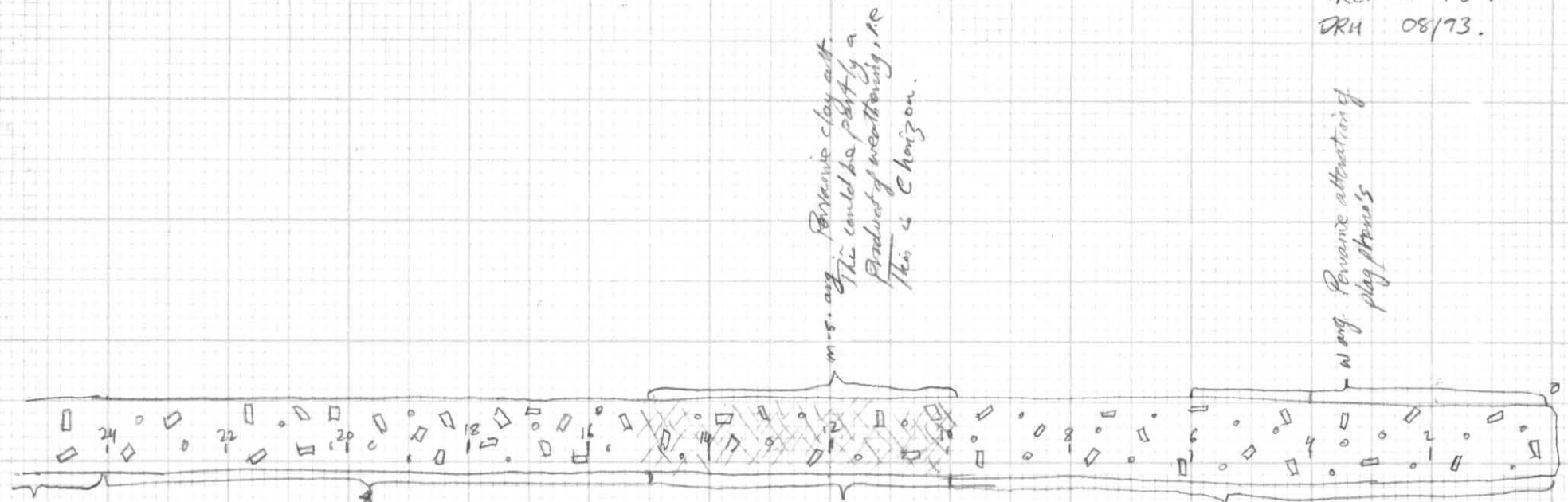


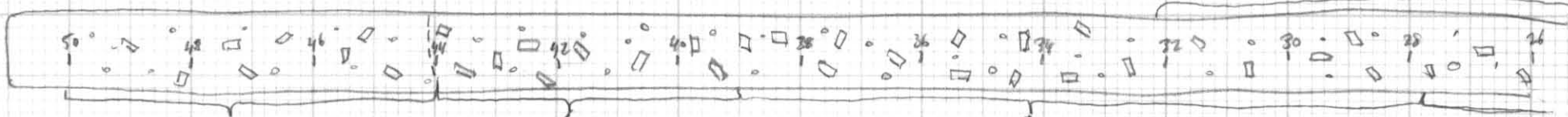
TRENCH 93-10
DRH 08/73.



B. Porphyry. Relatively fresh, though deeply weathered porphyry. Rock is finer grained than at beginning of trench. Here pheno's average about 5-8mm. Rare lithic clasts noted. These are soft and clay rich, but could be sedimentary.

Robby and intensely clay altered or weathered zone. Could be Ch horizon. Both pheno's and groundmass are replaced by kaolinite.

B. Porphyry. Medium grained pheno crystals of plagioclase (5-15mm - 15%), Qz (1-2mm - 5%) and orthoclase (5-10mm - 5%) in a fine grained narrow coloured groundmass. Rock contains irregular patches and dyke-like zone of a dark coarse porphyritic plagioclase porphyry. (dark phase). In this phase complex plag pheno's are up to 15mm in diameter. There is only a trace of Qz phenos in the groundmass.



Dark brown to olive green QFP. Rock is similar to BP. Strong manganese staining may cause colour change.

Abundant dark phase zones.

Medium grained porphyry with variable color it ranges from pale grey to dark maroon. Could be different degrees of oxidation or hematite alt?

Fine grained porphyry with a dark brown to red brown groundmass.

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