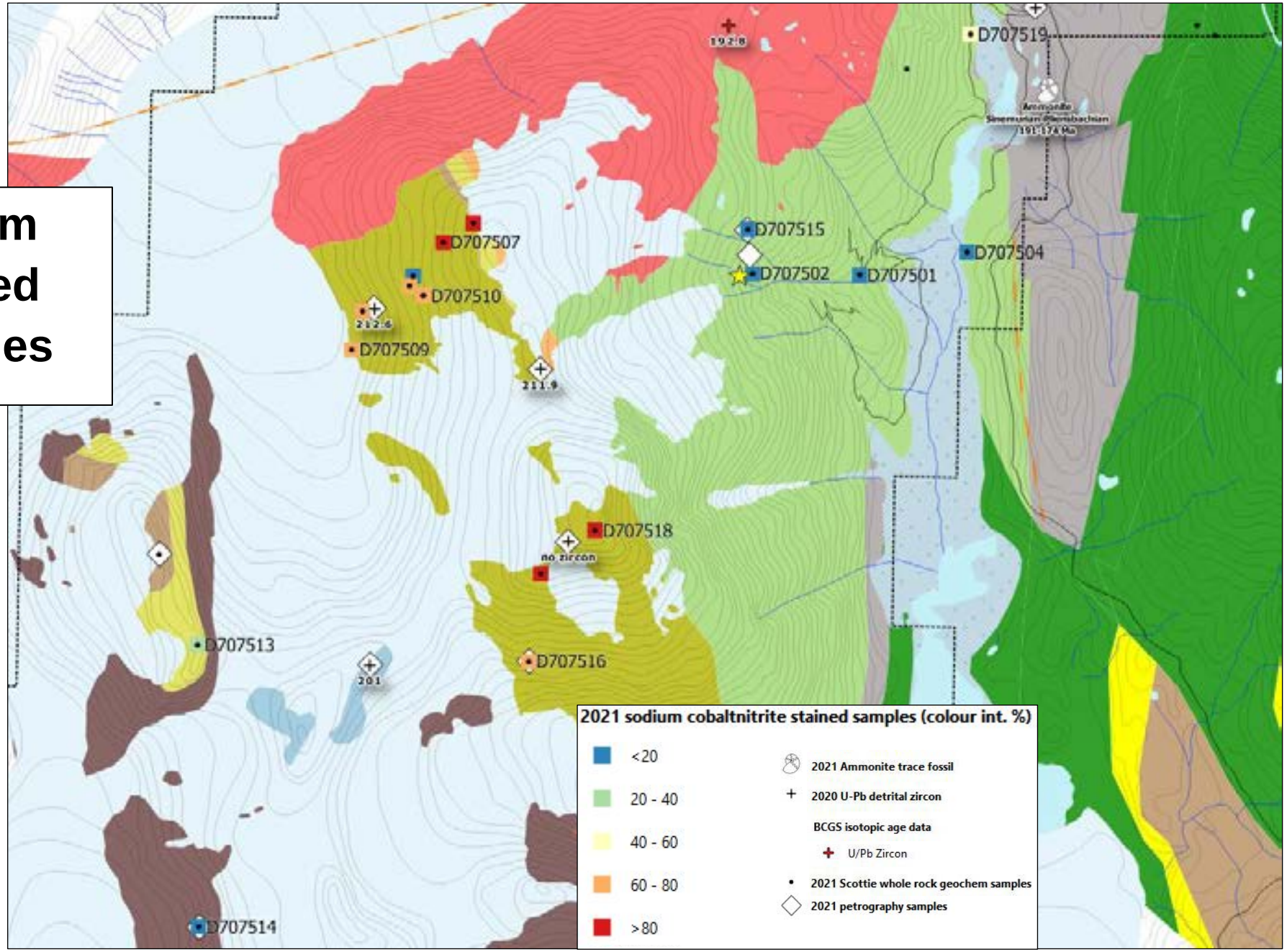
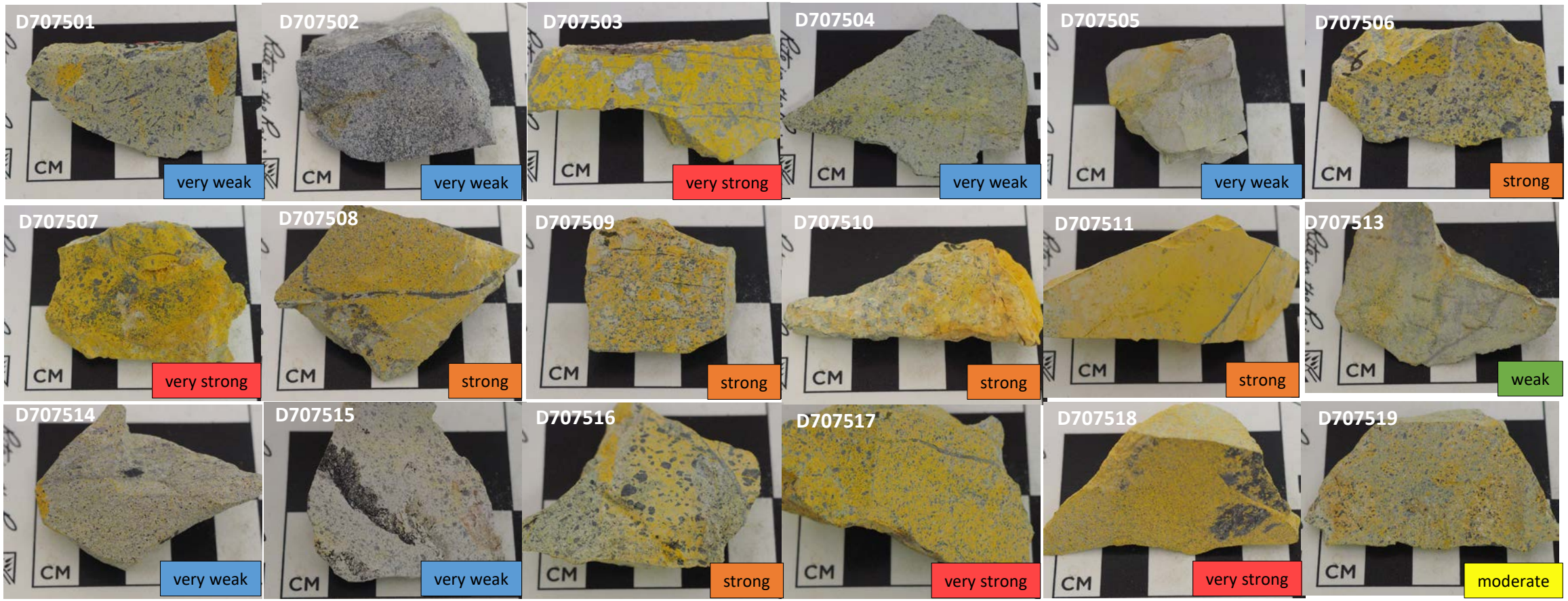
2021 Scottie sodium cobaltinitrite stained geochemical samples

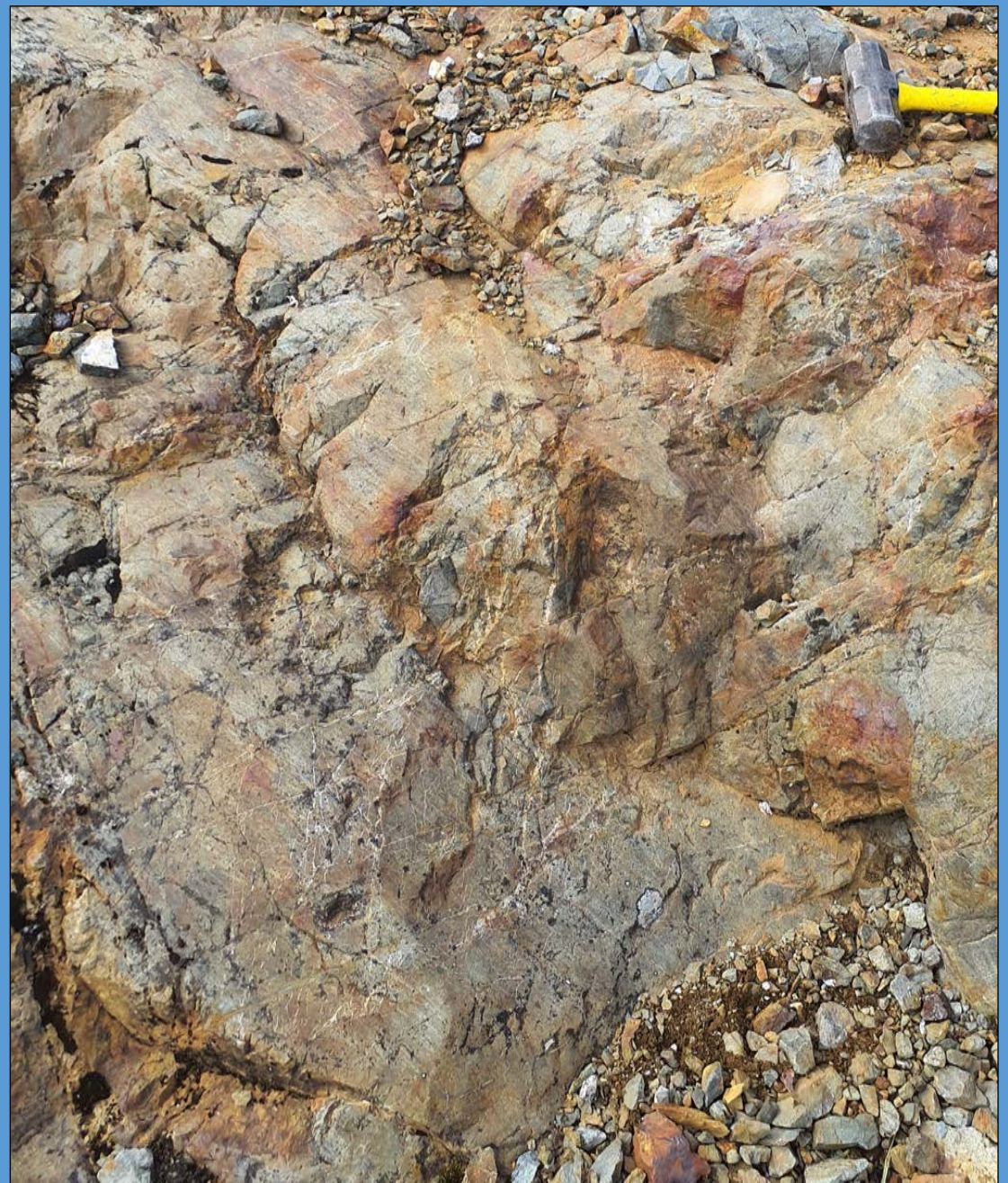


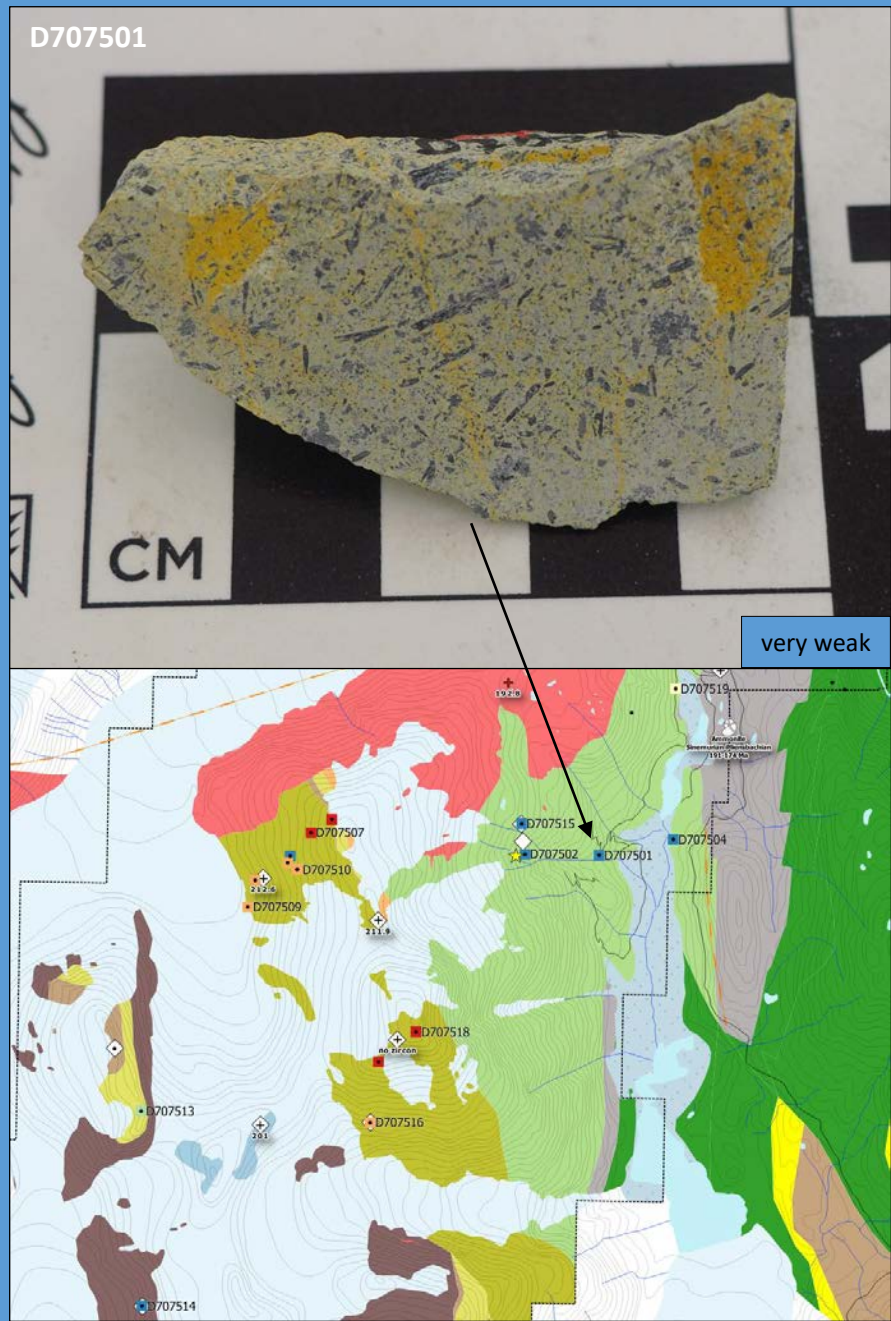
2021 sodium cobaltinitrite samples



Percentages represent visual estimations for intensity of yellow staining.
Colour coding scale: Blue = very weak; Green = weak; Yellow = moderate; Orange = strong; Red = very strong

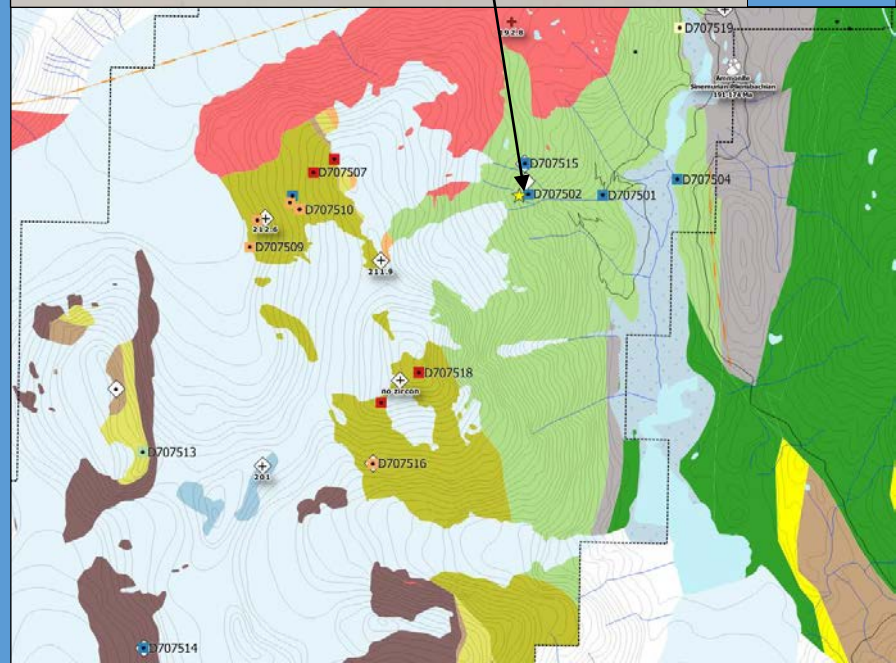
D707501 – 432590E, 6231022 N. Hazelton Group, lower Unuk River andesite. Moderately QSP altered fine grained hornblende phyric grey green andesitic volcaniclastic. Matrix supported subangular to subrounded bomb sized fragments.





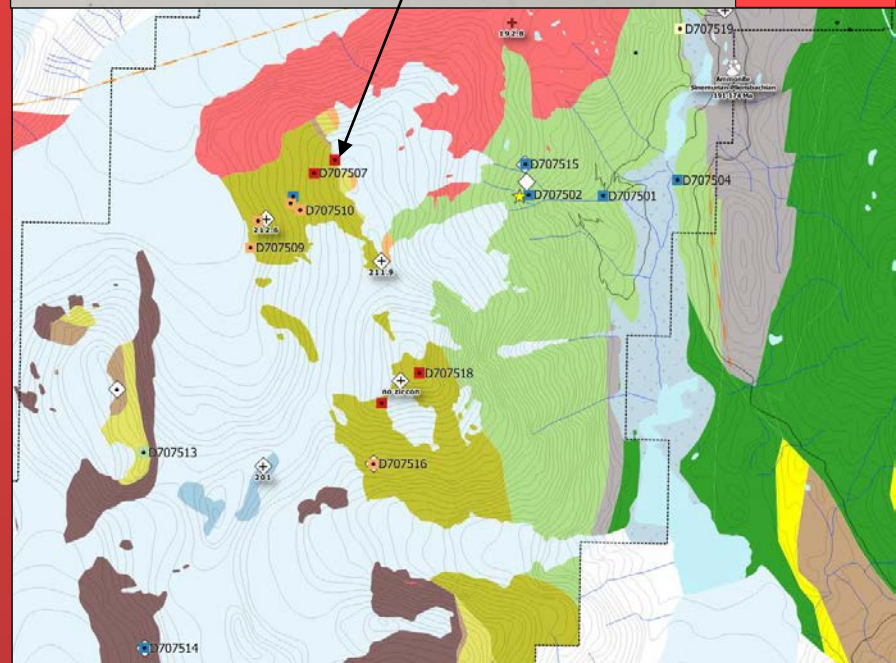
D707502 – 431923 E, 6231034 N. Hazelton Group, lower Unuk River andesite. Hornblende phyric andesite flow. Crowded 1-2mm hbl laths in light greenish grey matrix. Sparse fragments up to bomb-size.

very weak

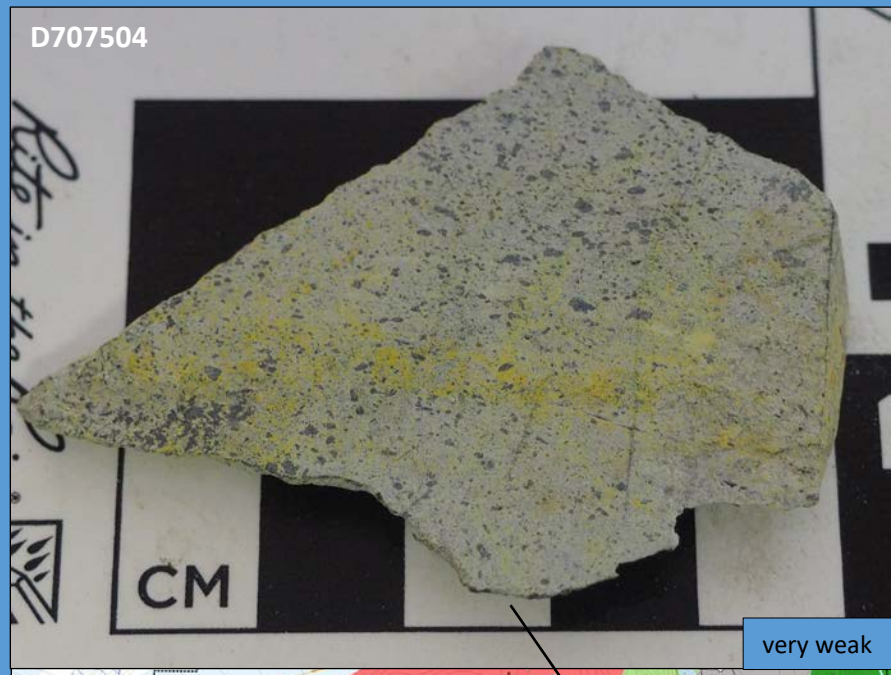


D707503 – 430190 E, 6231344 N. Stuhini Group, upper volcanic unit. Light beige to white weakly QSP altered augite-phyric volcanic (auto?)breccia
Most clasts are subrounded to rounded; bomb size.

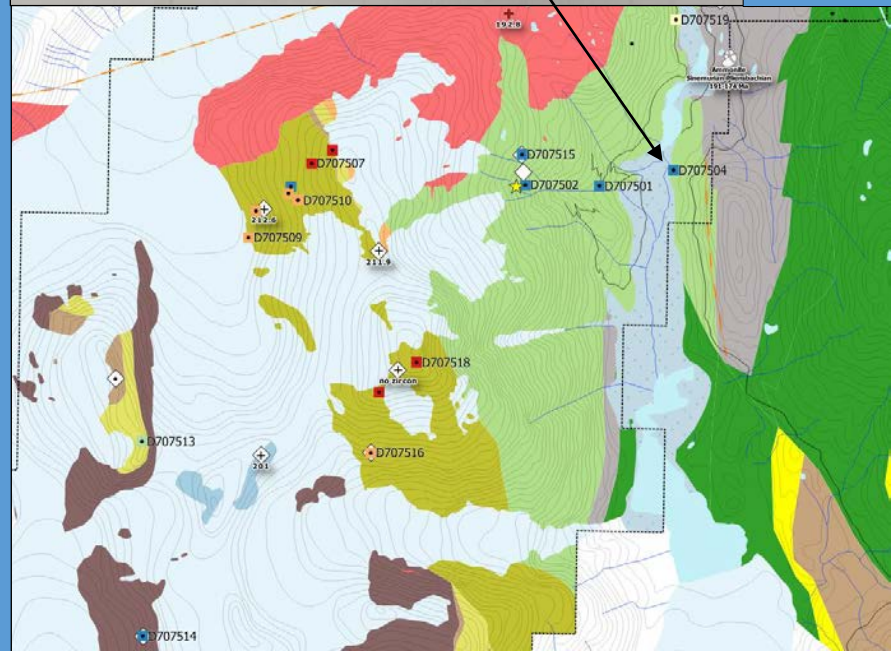
very strong



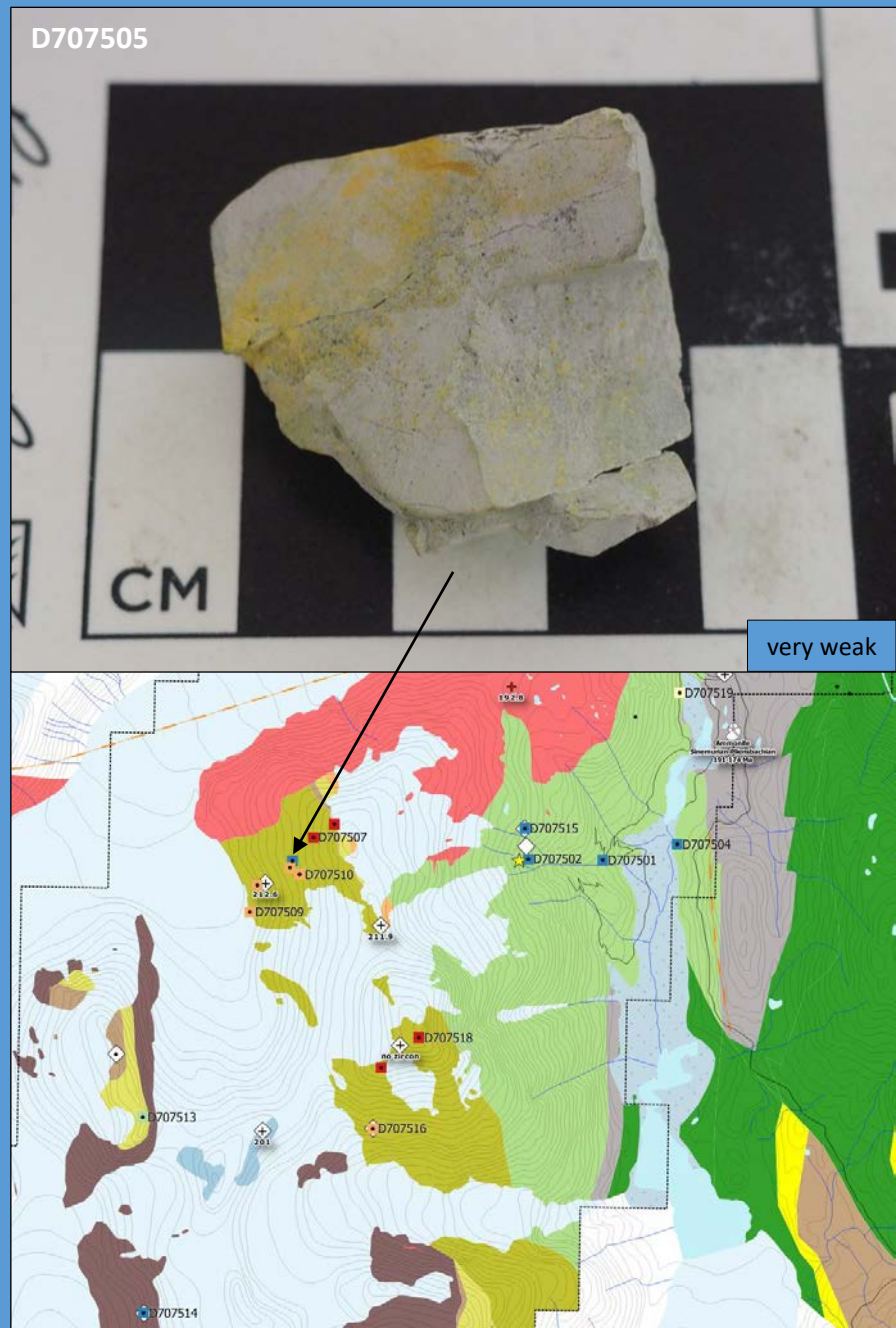
D707504 – 433255 E, 6231163 N. Hazelton Group, lower Unuk River andesite. Fractured hornblende phyric monomictic fragment to matrix supported andesitic volcanic block breccia.



very weak

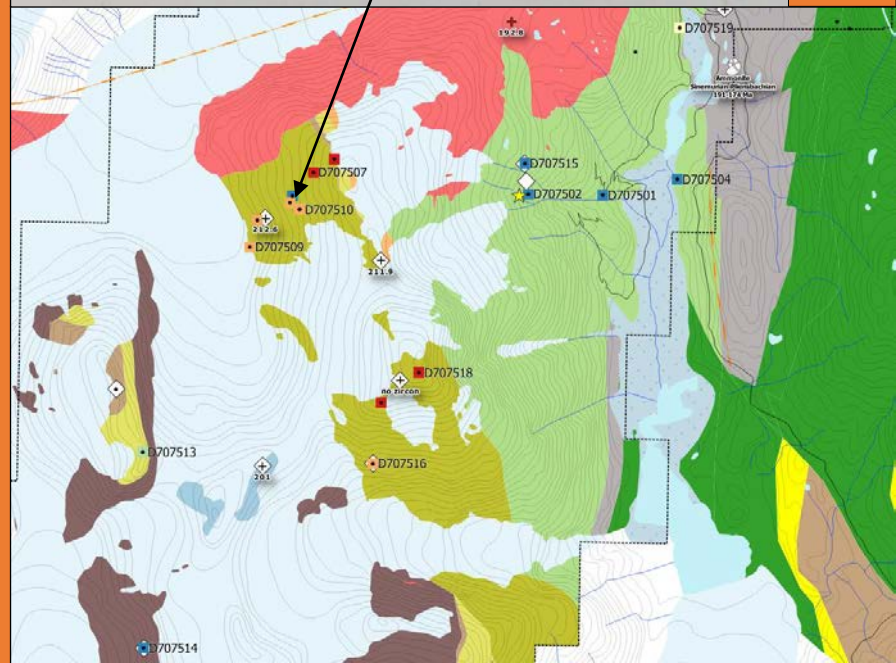


D707505 – 429816 E, 6231015 N. Stuhini Group, upper volcanic unit. Monotonous aphanitic dark beige to white rhyolite with weakly altered gossanous fractures. May be a dike? Unlike surrounding potassium-rich surrounding rocks.

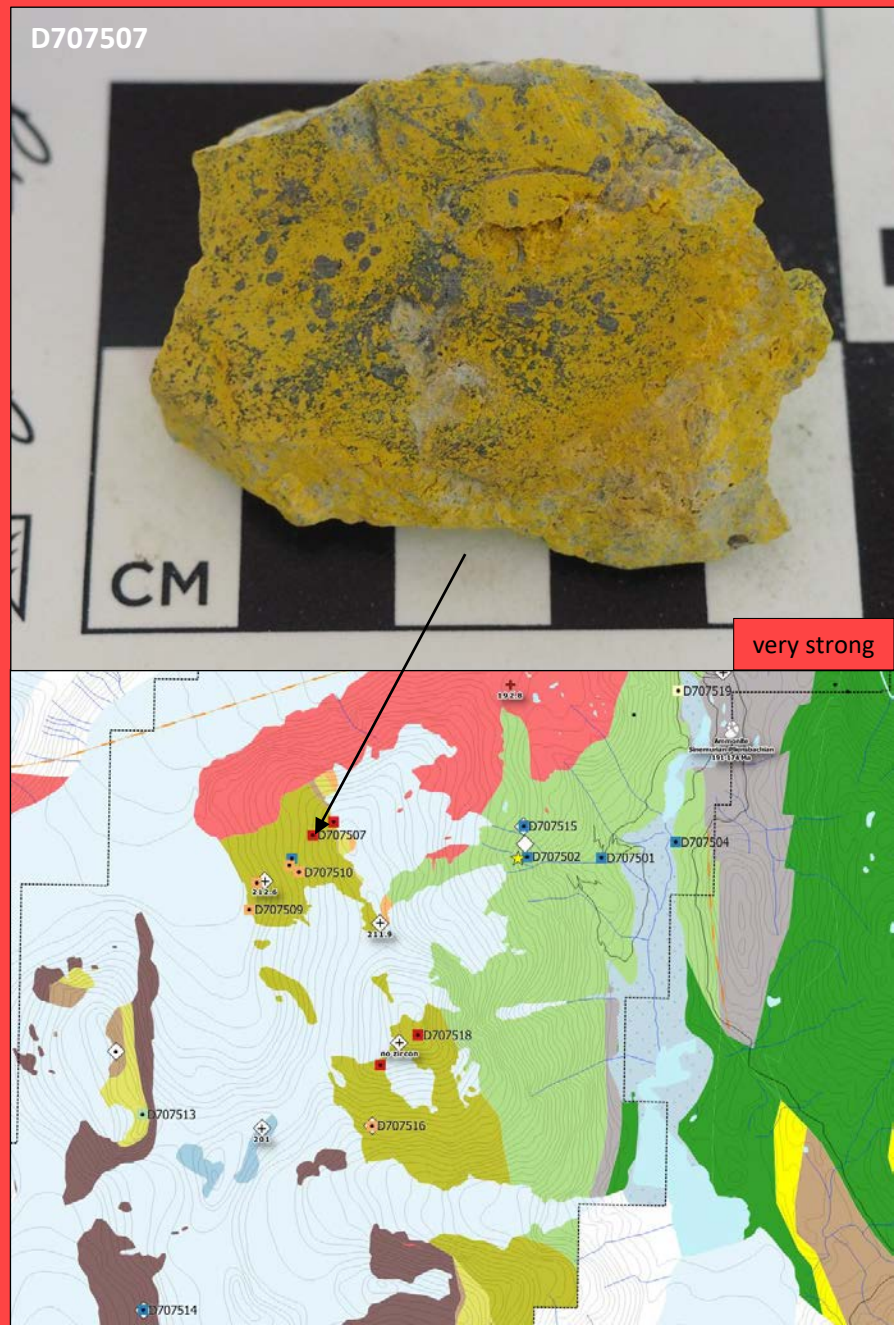


D707506 – 429794 E, 6230954 N. Stuhini Group, upper volcanic unit. Light pinkish grey aphanitic latite breccia.
Augite phenocrysts up to 0.5 cm diameter. Matrix and fragment supported.

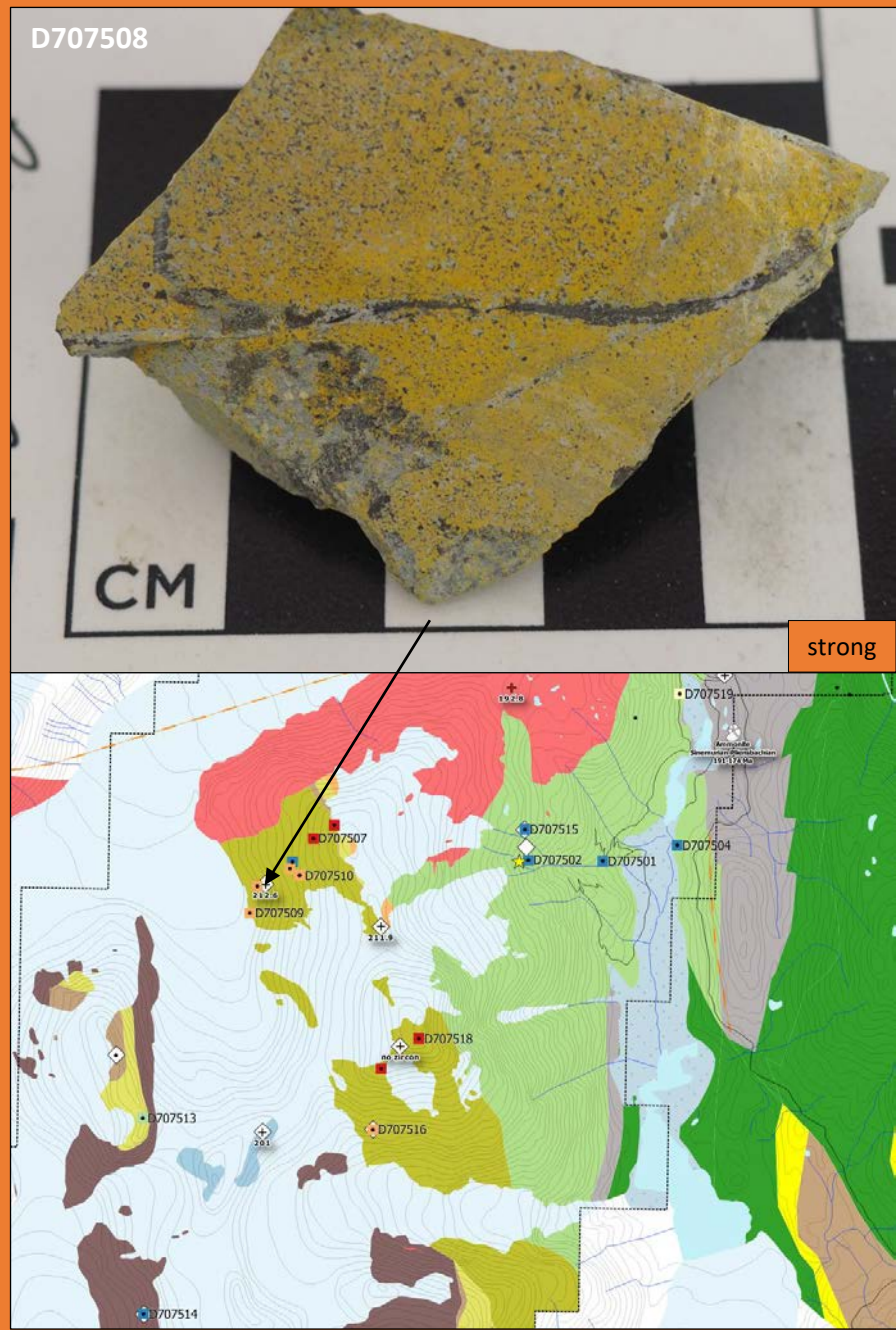
strong



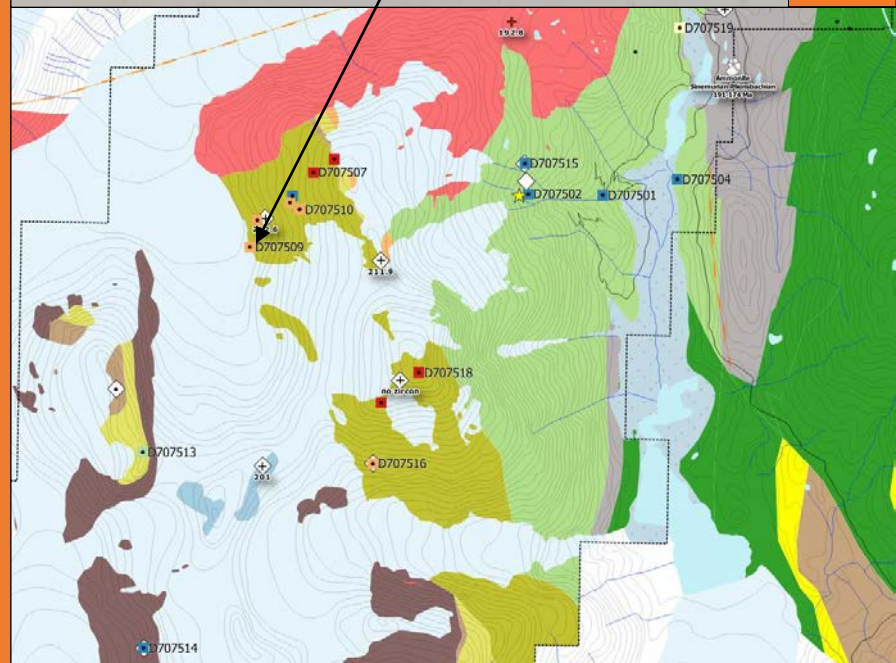
D707507 - 430001 E, 6231228 N. Stuhini Group, upper volcanic unit. Matrix supported volcanic breccia with subrounded to rounded fragments up to bomb-size.



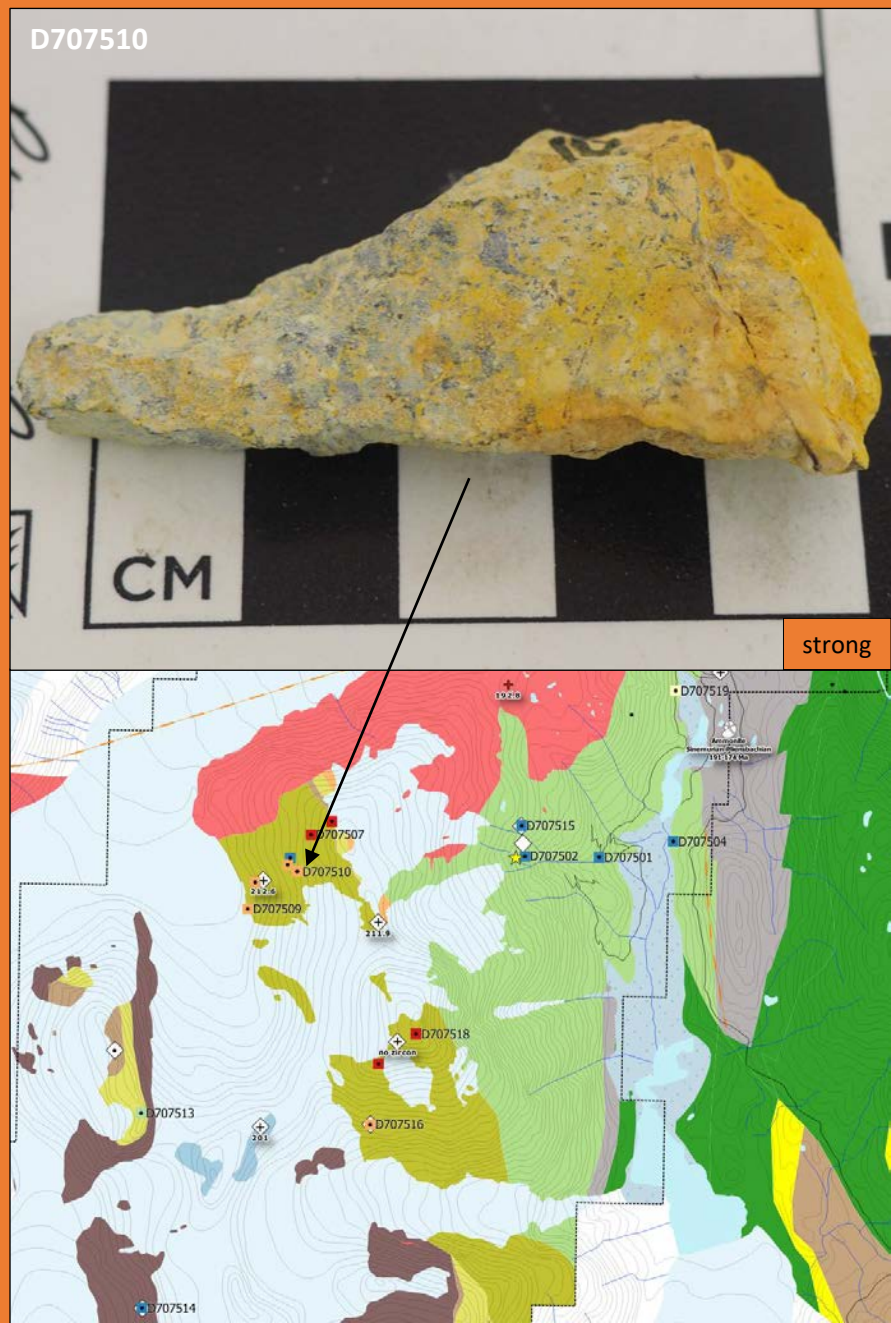
D707508 - 429503 E, 6230801 N. Stuhini Group, upper volcanic unit. Latite crystal-rich tuff. Very fine grained augite(?) and feldspar crystals well-distributed throughout.



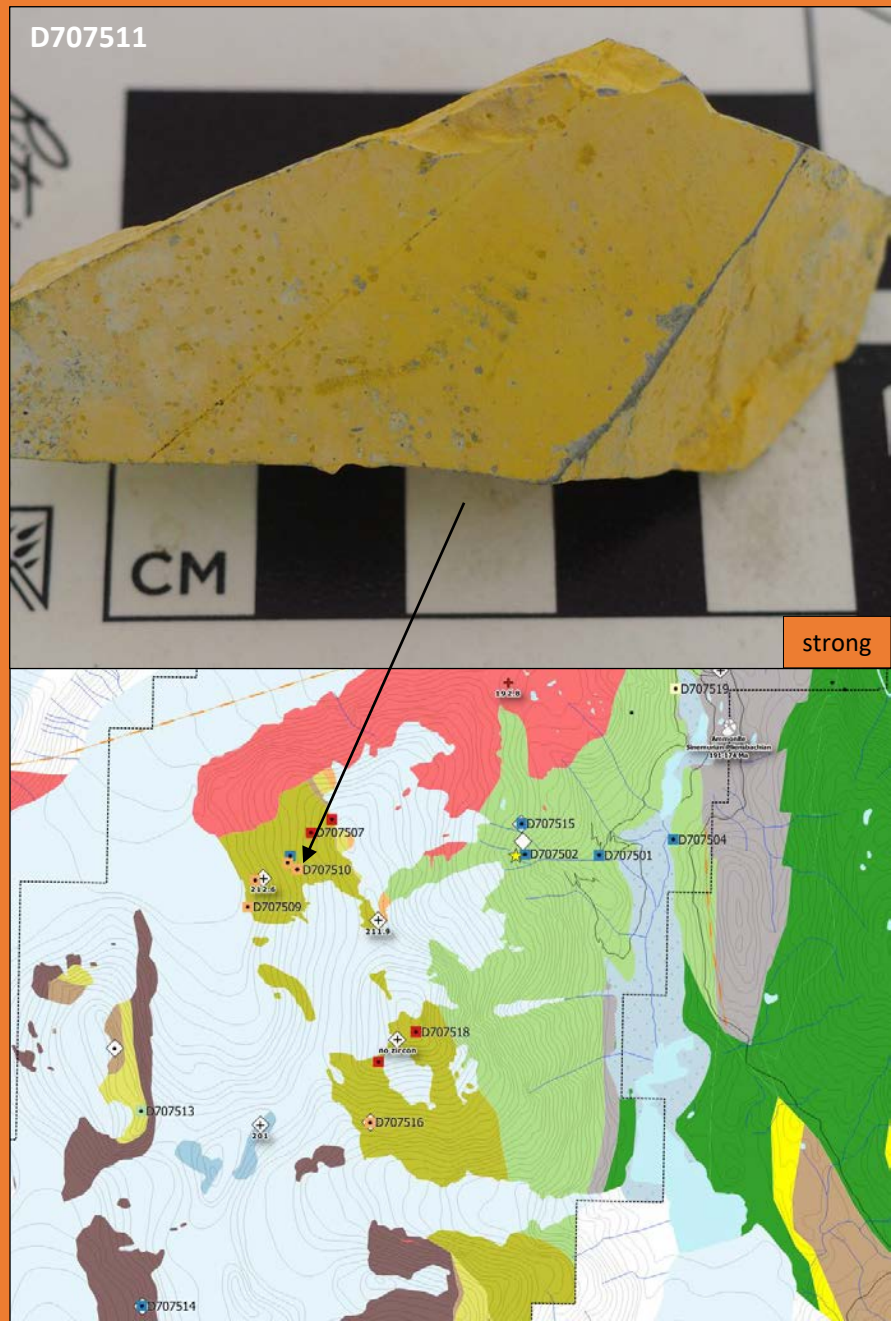
D707509 – 429437 E, 6230560 N. Stuhini Group, upper volcanic unit. Trachyte flow(?).



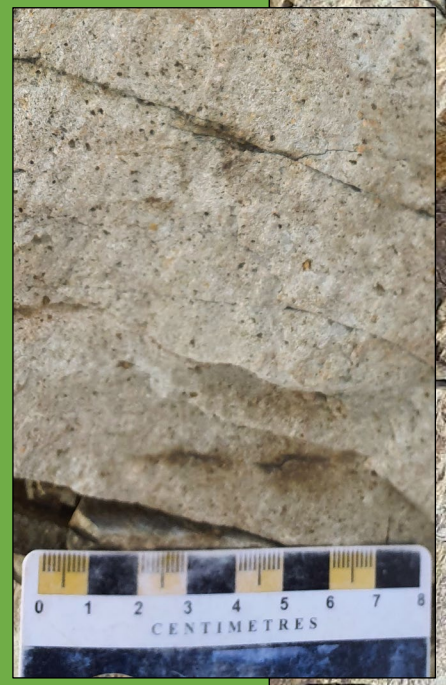
D707510 – 429881 E, 6230893 N. Stuhini Group, upper volcanic unit. Felsic lapilli tuff. Subrounded elongate fragments up to 10mm.



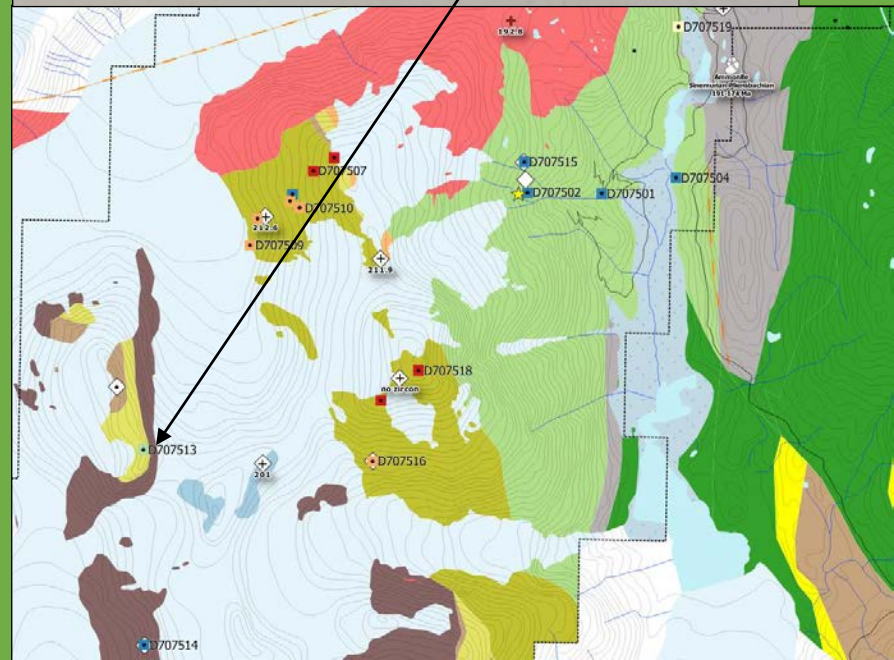
D707511 – 429879 E, 6230895 N. Stuhini Group, upper volcanic unit. Rhythmically bedded crystal to ash trachyte tuff.
Younging indicator(?) to east.



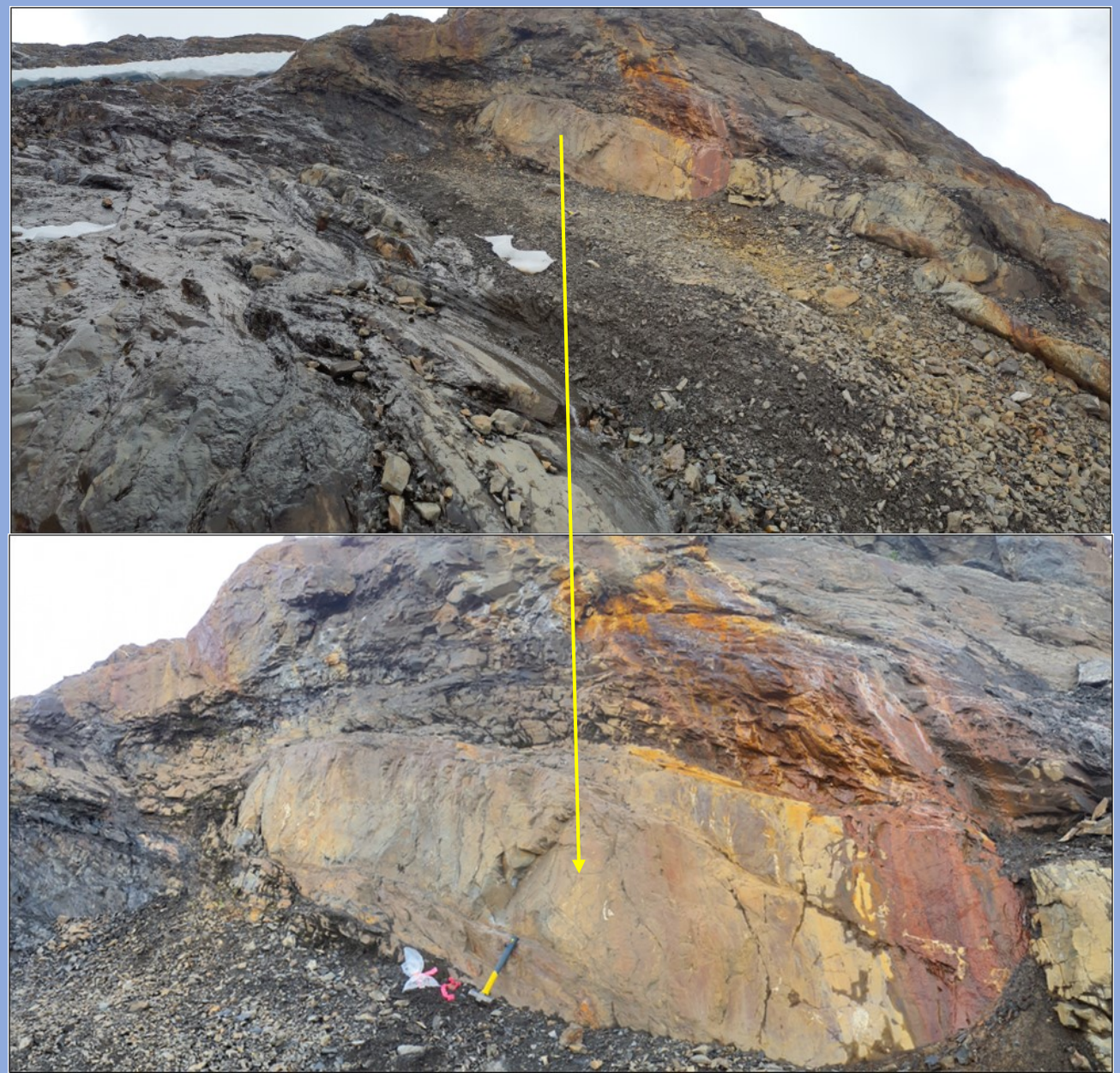
D707513 – 428476 E, 6228726 N. Stuhini Group, upper volcanic unit. Beige white to grey coherent latite. Well distributed fine grained augite-phenocrysts in an aphanitic matrix.

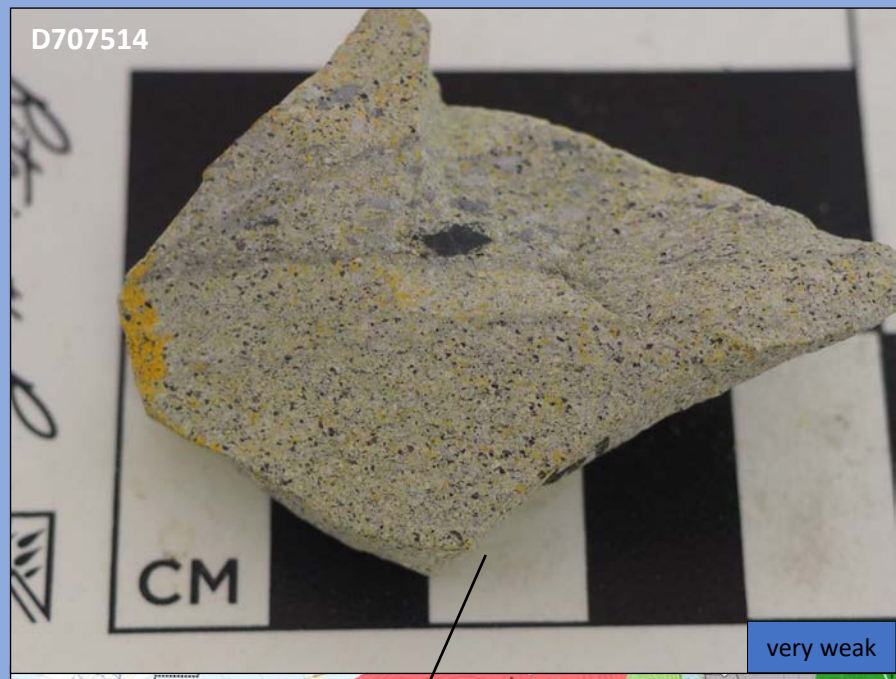


weak

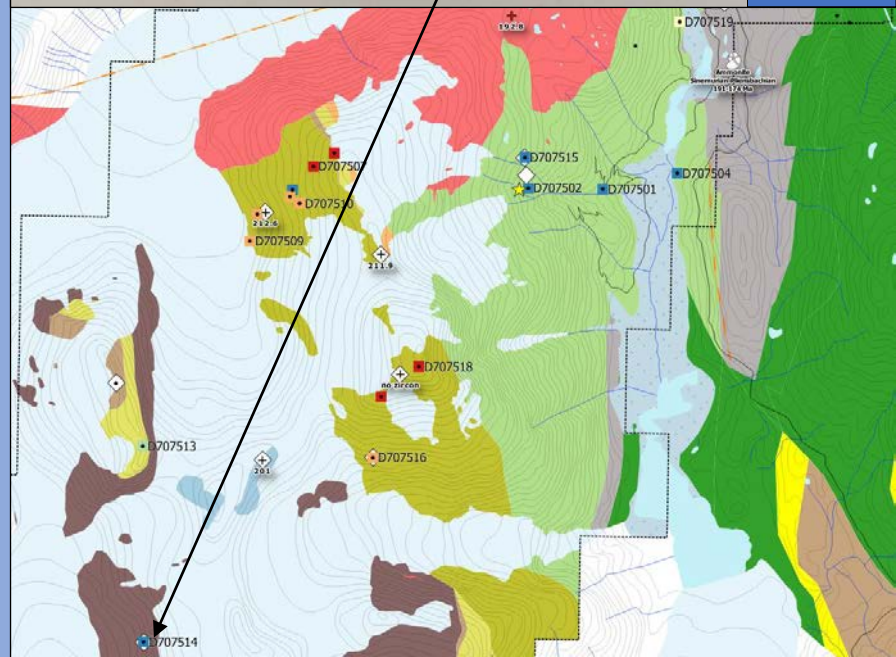


D707514 - 428488 E, 6226977 N. Stuhini Group, lower sedimentary unit.
Light brown to grey fine grained plagioclase-rich siltstone bed.



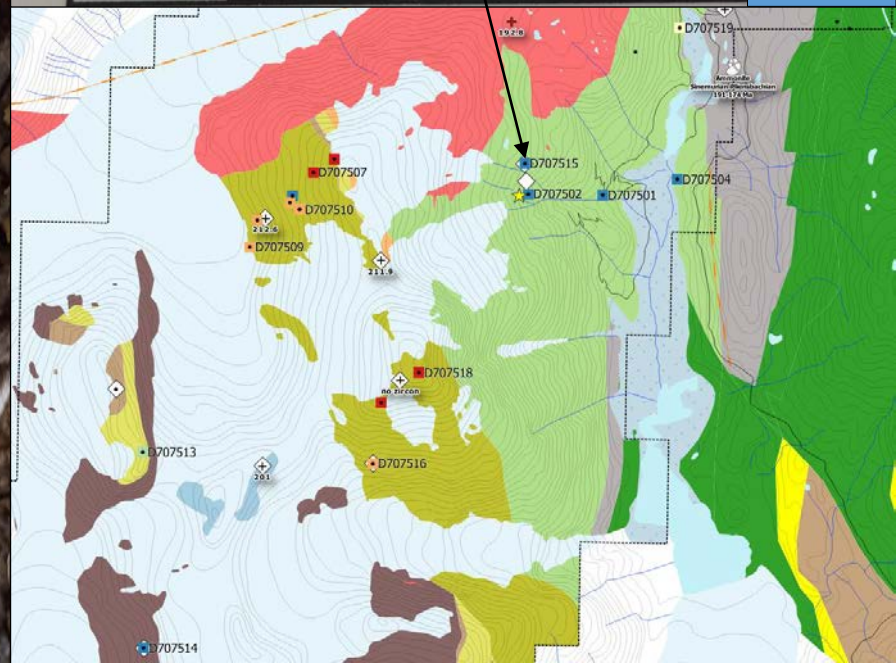


very weak

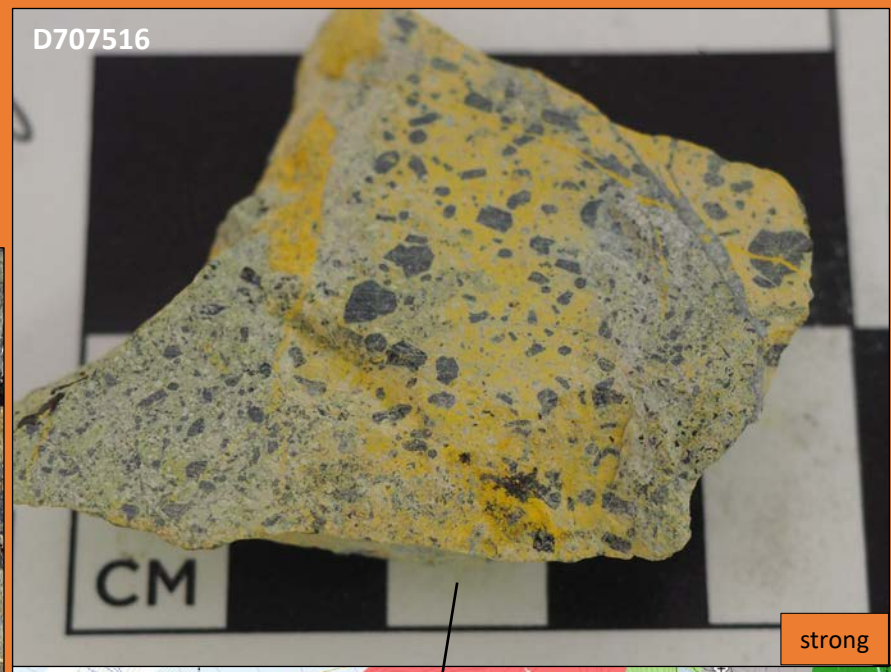


D707515 – 431891 E, 6231307 N. Hazelton Group, lower Unuk River andesite. Unusual white hornblende-plagioclase-phyric dacitic unit in otherwise light green hornblende-phyric andesitic volcanic sequence.

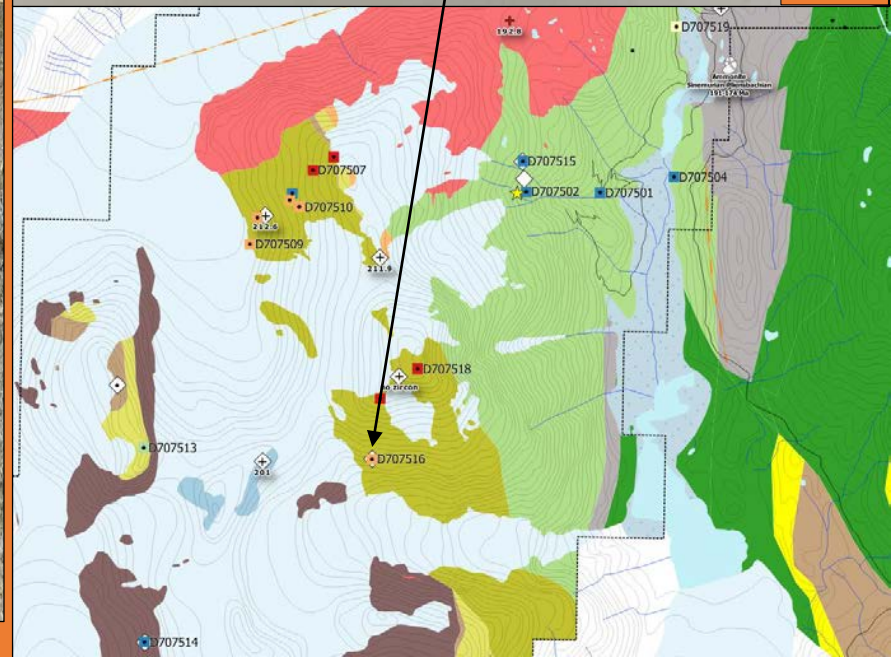
very weak



D707516 – 430534 E, 6228626 N. Stuhini Group, upper volcanic unit. Augite-phyric (alt to chl) trachyte volcanic breccia. Fragment and matrix supported.

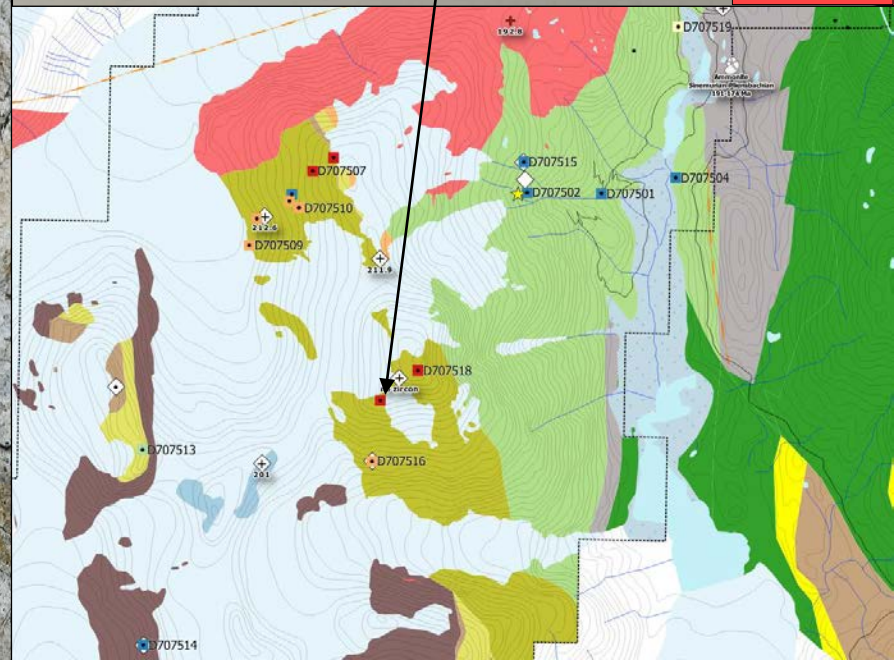


strong

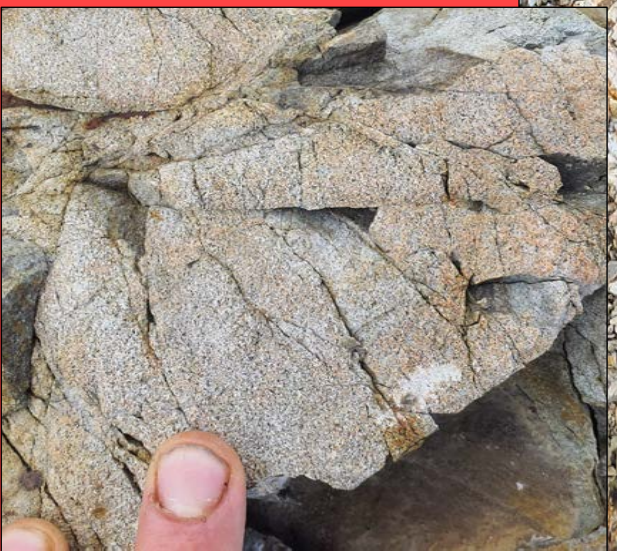


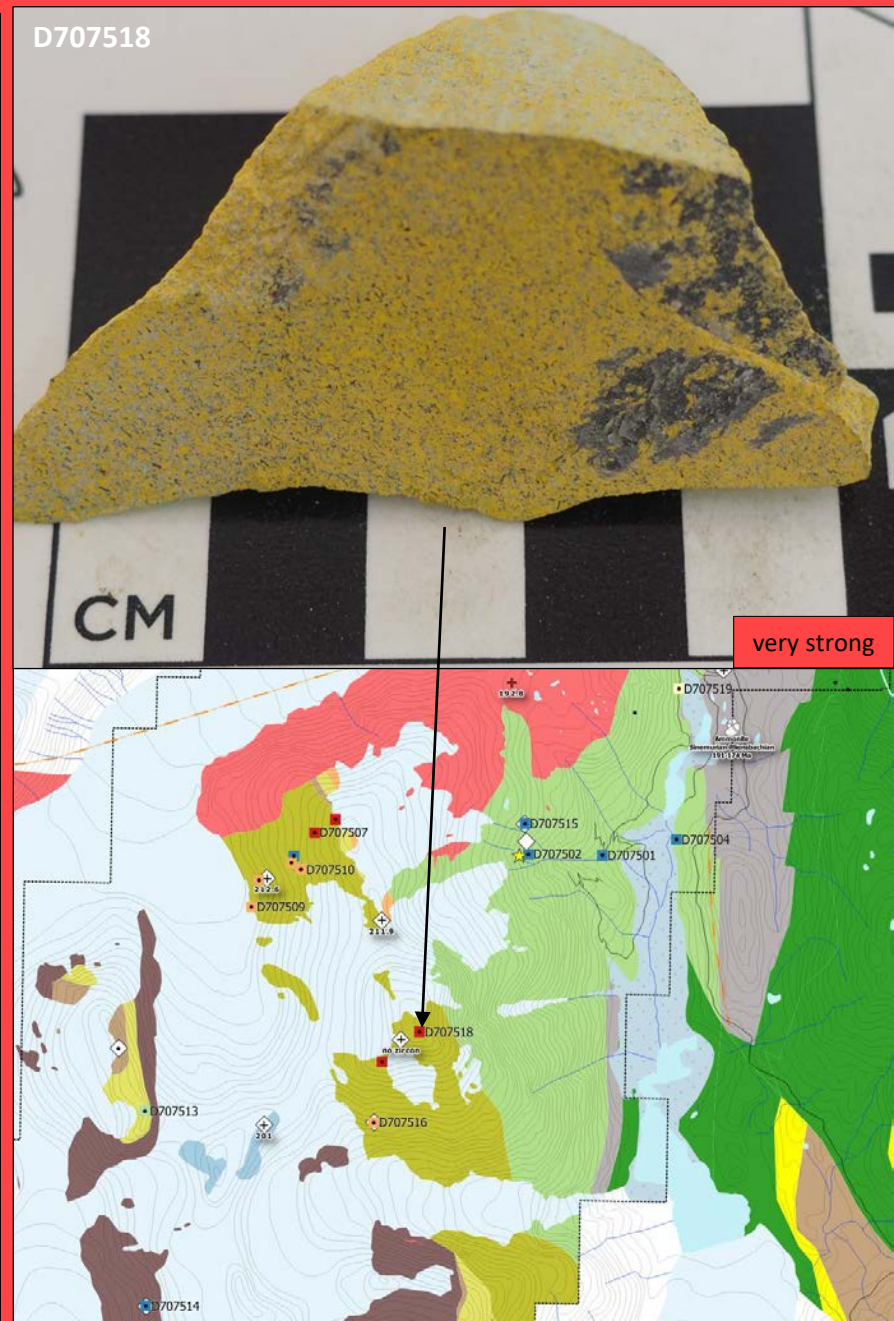
D707517 – 430608 E, 6229168 N. Stuhini Group, upper volcanic unit. Blue-grey fine grained augite- (alt to chl) and feldspar-phyric trachyte-latite crystal tuff.

very strong

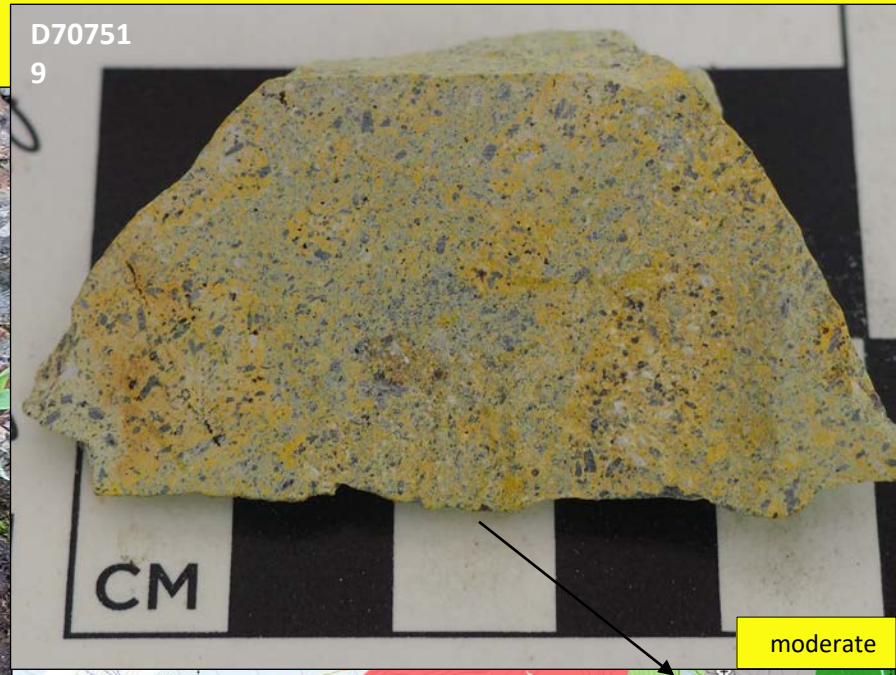
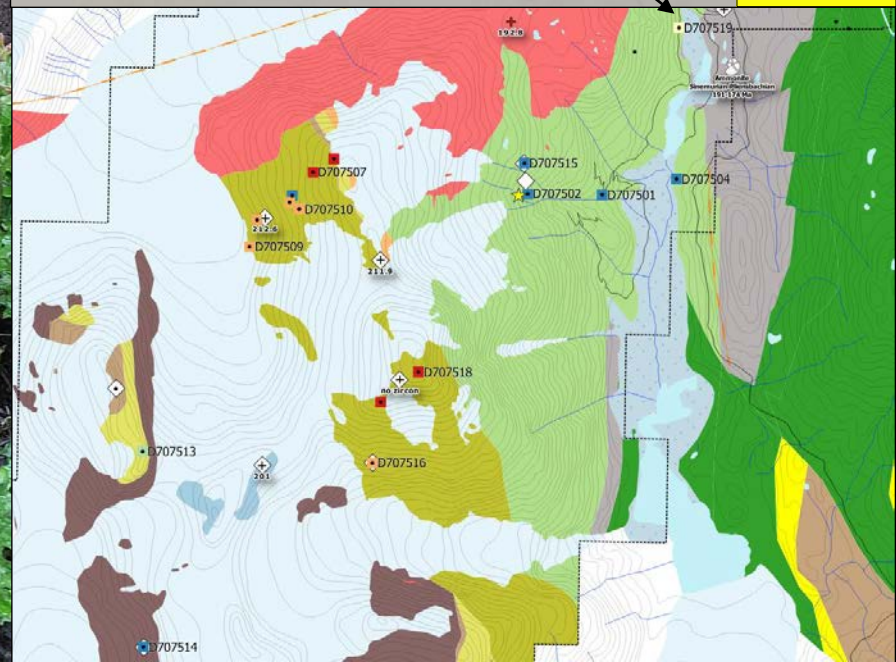


D707518 – 430947 E, 6229436 N. Stuhini Group upper volcanic unit. Pinkish beige-grey latite crystal tuff.





D707519 - 433277 E, 6232517 N. Hazelton Group, lower Unuk River andesite. Green monomictic andesite volcaniclastic. Matrix supported. Strong chlorite alteration and mineralized structures present. Staining may reflect secondary sericite.



moderate