79 GLE 172

0-20' light brown quartz "eye" latite (?) porphyry. Abundant FeOx on fractures and rock is partially coated w/ light brown clay material.

20-140 light red brown clay alt'd latite with abundant FeOx staining of the clay. 80-90 originally contained 7-10% sulfides.

140-180 light gray clay alt'd latite (?) porphyry with 1-3% disseminated pyrite.

180-210 same as 20-140 only not totally oxidized.

210-230 brown latite (?) and clay rock appears to have contained 2-5% sulfide before oxidation.

230 lost hole due to ~~abundant moisture~~ water

79 GLE 173

0-40 light gray medium grained quartz latite w/ minor FeOx on some fractures. Rock appears silicified in part.

40-60 light gray mixed quartz-mica schist and intrusive rock biotite is bleached in part 1-2% pyrite primarily in intrusive rock.

60-120 dark gray (PE) biotite-quartz schist with minor pyrite clots.

120-180 dark green gray PE amphibolite schist w/ 1% disseminated pyrite

Hole 79 GLE 174

0 - 30 light brown to tan moderatly silicified ~~latite~~ trachyte porphyry w/ pink clay on some fractures. MnOx and FeOx on some fractures 2% oxidized pyrite.

30 - 120 light gray ~~latite~~ trachyte porphyry - moderate to intense argillic alteration of the feldspars, weakly silicified. 1 to 3% pyrite content pyrite coated in part w/ chalcosite.

120 - 140 Red brown ~~latite~~ trachyte porphyry (?) intensely FeOx stained ~~FeOx~~ 3 to 5% oxidized pyrite moderatly silicified.

140 - 230 white argillic altered, ~~latite~~ trachyte (?) w/ 1% disseminated pyrite (150-160 increased pyrite 2-3%) feldspars ~~ex~~ totally clay alt'd.

230 - 270 light gray moderatly argillic alt'd ~~latite~~ trachyte, slightly silicified with 1-2% disseminated pyrite.

79 GLE 175

0-30 light yellow brown FeOx stained medium grained quartz latite w/ 3-5% disseminated pyrite approx. 50% oxidized.

30 – 80' medium to coarse grained, dark gray, latite (?) w/ 4-7% disseminated pyrite, partly in clots. Some fragments contain pyrite ~~at~~ coated w/ black CuOx.

80 – 140' yellow brown medium grained quartz latite w/ ~1% disseminated pyrite, partly oxidized.

150 – 270 dark gray mica to amphibolite schist (pЄ) w/ 1-3% contained pyrite.

Hole 79 GLE 176

0-50 tan to light red brown trachyte porphyry w/ abundant pink clay on fractures 1-3% disseminated and oxidized pyrite. Feldspars are partially clay alt'd.

50-140 red brown trachyte porphyry 2-5% oxidized pyrite (cast). Minor MnOx on some fractures (limonite)

140-190 white trachyte porphyry w/ 2-5% disseminated pyrite (coated with chalcocite in part) Feldspars are moderately clay altered.

190-250 brown partially to totally oxidized trachyte porphyry w/ jarosite on fractures. 2-5% oxidized pyrite (cast). 1% unoxidized pyrite. (limonite)

79 GLE 177

0 - 60 pink to light brown coarse grained quartz latite porphyry w/ 2-3% totally to partially alt'd pyrite. Some clay alt'd feldspars are stained pink.

60-100 - same as 0-60 more thoroughly oxidized.

100 - 140 mixed quartz latite, metamorphic rock and quartz vein(?) material w/ 4-5% pyrite disseminated and in slots.

140 - 190 brown totally oxidized quartz latite and quartzite (PC) original pyrite ≈ 5%

190 - 240 white highly clay alt'd trachyte (?) porphyry w/ 1% disseminated pyrite.

240 - 250 same as 190 - 240 only partially oxidized.

Hole
79 GLE 178.

0 - 40 White to tan quartz latite w/ FeOx on fractures (FeOx primarily jarosite). Moderately silicified. Rock contain 1-3% partly to totally oxidized pyrite.

40 - 120 gray latite porphyry with 3-5% disseminated pyrite w/ more massive pyrite on fractures. Minor amount of sphalerite and CuOx coating some pyrite grains.

120 - 150 dark green to brown ~~greenish~~ mica-biotite-quartz schist w/ 1% pyrrhotite and pyrite.

150 - 200 mixed quartzite - coarse grained quartz rich intrusive rock and mica schist w/ 2-5% contained sulfides (primarily pyrite) slightly oxidized in some intervals

200 - 220 decreasing pt metamorphic and ~~gra~~ increasing silicified trachyte porphyry. Zone is approx 50% oxidized and probably contained between 5-7% total sulfides regionally.

220 - 250 → highly silicified trachyte (?) w/ 1-3% oxidized pyrite.

Hole 79 GLE 179

0 – 40	Tan porphyritic latite w/ FeOx staining on fractures. 1% dessimenated pyrite casts w/ trace amounts of unoxidized pyrite. Mostly jarosite on fractures.
40 – 70	gray latite with 3 to 5% disseminated pyrite. weakly silicified.
70 – 150	dark gray latite w/ increasing secondary quartz and 5–7% pyrite, massive clots in part. – Minor oxidized fragments.
150 – 220	course grained dark gray ~~latit~~ latite w/ abundant quartz (secondary?) mixed w/ fragments of biotite schist.
220 – 230	mixed dark gray latite (?) and quartz vein material. Fragments of PC brown biotite schist.
230 – 250	dark brown to black PC biotite schist

79 GLE-180

0 - 50 Pink to red brown latite porphyry with moderate to intense FeOx staining on fractures. Black tourmaline on a few fragments.

50 - 90 mixed (PЄ) mica schist, quartzite and intrusive fragments. Minor PЄ chert with disseminated pyrite in all rock types. Vein quartz probably assoc. w/ the PЄ schist.

90-160 light brown mica schist and quartz mica schist (PЄ). ~1% pyrite in the quartz.

160 - 210 black amphibolite schist w/ 1% disseminated pyrite. Minor quartz in schist (amphibolite could be cummingtonite in part).

210-220 white trachyte (latite?) with 1 to 3% disseminated pyrite. (PЄ)

220 - 250. mixed amphibolite schist and biotite schist with minor fragments of intrusive rock.

Hole 79 GLE 181

10-20 red brown to Pink clay alt'd. trachyte porphyry. w/ pink clay on fractures

20-90 red brown Latite (?) porphyry and gossen material - evidence of 2-3% oxidized pyrite.

90-170 gray latite porphyry w/ 2-5% disseminated pyrite. Moderate clay alt'd feldspars. Some pyrite grains are coated with Cu oxide (~~chro~~ cholcocite).

170-240 light gray to ~~d~~ gray clay alt'd latite porphyry w/ 2-7% disseminated pyrite.

240-250 black (pE?) amphibolite and mixed intrusive fragment.

79 GLE 182

0 - 50'	red brown FeOx stained ~~0 - 50~~ clay alt'd quartz latite (?) w/ minor fragments of Є quartzite contains 3 - 5% oxidized pyrite.
50 - 90'	mixed quartz latite and quartzite with 3-5% pyrite. Minor fragments of biotite schist.
90 - 130'	mixed quartz latite and PЄ biotite schist oxidized in part with 1-2% pyrite.
130 - 170	dark brown to black ~~biotite~~ PЄ biotite schist w/ minor quartz and ~~pyrite in~~ trace dissemmated pyrite.
170 - 250	dark gray brown biotite schist w/ quartz fragments and minor intrusive chips - generally oxidized.

pЄ precambrian

Є cambrian

Hole 79 GLE 183

0 – 40 no recovery

40 – 60 tan FeOx stained latite porphyry. Trace pyrite and pyrite casts. Moderately silicified

60 – 100 light gray latite(?) with 1-3% disseminated pyrite coated black in part.

100 – 140. brown FeOx stained latite contains abundant jarosite on fractures, trace amounts of unoxidized pyrite w/ 1% oxidized pyrite.

140 – 150 mixed oxidized and unoxidized latite. Moderately silicified w/ 1-2% disseminated pyrite

150 – 200 light gray latite porphyry w/ 2 to 3% disseminated pyrite - moderately silicified - pyrite coated in part with chalcocite(?).

200 – 250 same as 150 – 200 with increased pyrite 3-5%

79 GLE 184

0 – 40 light brown – mildly clay alt'd quartz latite (?) porphyry, FeOx stained. Rock contained 1-3% pyrite now totally oxidized.

40 hit water lost hole.

Hole 79 GLE 185

0 - 10 white ~~[illegible]~~ clay alt'd latite(?) w/ minor FeOx staining on some fractures.

10 - 70 red brown FeOx stained latite (?) 1 to 3% ~~FeOx~~ Pyrite casts, minor jarosite on some fractures.

70 - 160 light gray latite porphyry moderately silicified w/ 1-3% dessaminated pyrite. ~~[illegible]~~ Black coatings (chalcocite?) on some pyrite xtals.

160 - 250 light gray latite moderately silicified w/ 2-5% dessaminated pyrite. Most pyrite cubes coated with black (chalcocite?). Feldspars slightly clay alt'd.

79 GLE 186

0-40 brown FeOx stained latite(?) porphyry ~~[illegible]~~ before oxidation rock contained approx. 1% disseminated pyrite

40 - 250 light brown to white partially oxidized ~~latite~~ trachyte(?) porphyry w/ 2-5% pyrite both disseminated and in clots. Feldspars are partially clay all'd.