

Table 2. Description of Cuttings from Outflow from Pile #1

Sample #	Approx. Elevation (m MLLW)	Rock Type	Description
1	-17.3	SS	SANDSTONE: Sl. weathered to v. weathered sandstone gravels from 0.5"-2.0" diameter in BAY MUD matrix. Dark gray weathering to brown-yellow and brown, fine to med. grained, with rounded grains, hard to v. hard, well indurated. Occasional shell hash. Gravels are subrounded to subangular, likely some rounding is from drilling, but impossible to tell how much. V. weathered gravels are manually friable.
		ST	SILTSTONE: Sl. weathered, dk. Gray weathering to dk. Brown, moderately soft, manually friable, v. finely laminated.
2	-17.8	SS	SANDSTONE: Sl. weathered to v. weathered. All sandstone is highly-mod oxidized. Gray weathering to brown and orange-brown. Most clasts manually friable. Sandstone is mod. sorted, subrounded to rounded, hard-mod soft. Approximately 20% of SS is mod-sl. weathered.
		ST	SILTSTONE: Sl. to mod. weathered, mostly manually friable. Approximately 5% of total sample volume.
3	-18.8	SS	SANDSTONE: Same as previous. Sl. softer, fewer hard gravels. Possible sample bias.
		ST	SILTSTONE: Same as previous
4	-19.3	SS	SANDSTONE: Likely in-situ gravels, based on rounding pattern of gravels. Sl-v. weathered, gray to dk brown-orange. V. weathered gravels are completely oxidized throughout, manually friable, soft-mod soft, med grained, subrounded, mod-well sorted. Mod developed clay coatings on grains. All mafic materials are weathered out to clays. Approx half of sample is v. weathered. Sl weathered gravels up to 2" diameter, hard, 2-5% dark minerals, well sorted, Qtz veins to 0.2" width.
5	-20.3	SS	SANDSTONE: Possibly in-situ gravels, mod weathered, hard-m. hard, approx 5% mafic minerals oxidized to dk brown, well sorted, rounded-subrounded grains. Gravels > 3" diameter. No claystone/siltstone in sample.
6	-21.3	SS	SANDSTONE: Same as previous.
7	-22.8	SS	SANDSTONE: Mod-sl weathered, hard, gray weathering to brown-yellow brown. Most surfaces oxidized. Rounding of clasts suggests we are still in mud/gravel layers, but rounding may be due to drilling. Well-sorted, subrounded-rounded grains. Minor claystone/siltstone gravels.
8	-23.8	SS	SANDSTONE: Same as previous.
9	-24.8	SS	FRANCISCAN FM, Graywacke/siltstone/sandstone interbedded, mod-v. weathered, soft-v. soft. Breaks under moderate hammer blows. Cuttings are v. angular w/ chunks of stiff, sandy clay.
		SS	SANDSTONE: Mod-v. weathered, soft, mod sorted, rounded-subrounded, completely oxidized, 2-5% dark minerals.
		ST	SILTSTONE: Mod-v. weathered, soft-v. soft, v. finely laminated, sl. micaceous, dk gray w/ brown-orange oxidation on some outside surfaces.
		SS	GRAYWACKE: Mod weathered, soft, poorly sorted, gray weathering to brown, fine grained.
10	-25.3	ST	SILTSTONE/CLAYSTONE: Dk gray, mod-sl weathered, soft-mod

			hard, v. finely laminated, surficial red-brown oxidation on some surfaces, sl. micaceous. Breaks under light hammer pressure. Oxidized joint surfaces cut across bedding planes.
11	-26.3	SS	GRAYWACKE: Sl. weathered, mod hard, well sorted, gray with brown to orange-brown surficial oxidation, fine to v. fine-grained.
		ST	SILTSTONE: Sl. weathered, mod soft, laminated bedding, dk gray weathering to yellow-brown.
12	-27.1	SS	GRAYWACKE: Same as previous.
		ST	SILTSTONE: Same as previous
13	-27.6	SS	GRAYWACKE: Sl. weathered, mod hard, well sorted, gray with brown to orange-brown surficial oxidation, some fragments fine-grained and well-sorted while others are coarse-grained and poorly sorted.
		ST	SILTSTONE: Same as previous
14	-28.1	SS	GRAYWACKE: Sl. weathered, mod hard, well sorted, gray with yellow-brown to orange-brown surficial oxidation, med-grained, mod sorted, some quartz veins.
		ST	SILTSTONE: Same as previous
15	-28.6	SS	GRAYWACKE: Same as previous.
		ST	SILTSTONE: Same as previous
16	-29.1	SS	GRAYWACKE: Sl. weathered, gray weathering to yellow-brown, mod hard, coarse to med-grained, poorly sorted.
		ST	SILTSTONE: Same as previous
17	-29.6	ST	SILTSTONE: Sl weathered, mod soft, laminated bedding, gray weathering to yellow-brown.
		SS	Very minor amounts of GRAYWACKE in sample, less than 5%
18	-30.1	ST	SILTSTONE: Same as previous. Sample includes clumps of gray, stiff clay. Clay is likely due to drilling and grinding of siltstone, not in-situ ground conditions.
19	-30.6	SS	GRAYWACKE: Sl. weathered to fresh, gray, hard to mod hard, coarse to med-grained, poorly sorted. Some surfaces with minor surficial brown oxidation.
		ST	SILTSTONE: Same as previous
20	-31.4	SS	GRAYWACKE: Same as previous. Very little oxidation.
		ST	SILTSTONE: Same as previous
21	-31.6	SS	GRAYWACKE: Same as previous.
		ST	SILTSTONE: Same as previous