

(8)	Helen S.	56°34'15" 133°04'07"	16	79DG129A	0.05	230	10	60	N	N	N	500	N	N	N	15	70	100	N	N	N	20	N	N	N	150	10	N	50	Gray phyllitic felsic metavolcanic rock	
		56°34'09" 133°04'10"		79DG130A	N	25	H750	2,100	3	N	N	200	N	N	N	N	N	15	N	N	N	5	300	N	100	10	10	500	N	Quartz-calcite vein	
		56°34'12" 133°04'09"		79DG131A	3.0	70	190	130	0.5	700	N	70	N	N	N	N	N	N	50	N	N	N	5	30	N	N	20	N	N	N	Quartz vein
		56°34'11" 133°04'03"		79DG132A	N	45	10,000	38,000	30	N	N	70	N	N	N	N	N	N	50	N	N	N	5	2,000	N	N	L	N	>10,000	N	Hematite-stained metarhyolite
(9)	Castle Island	56°38'56" 133°09'45"	11	79BG065A	N	30	H25	35	N	N	10	1000	N	N	N	20	100	20	N	N	N	20	L	20	500	50	30	N	70	Phyllite	
		56°38'59" 133°09'48"		79SH134A	N	85	H1300	25,000	N	N	L	>5000	N	N	200	30	30	150	N	N	N	30	1,500	5	700	100	15	10,000	10	Felsic, pyritic metavolcanic rock	
				134B	N	200	20	170	N	N	10	1000	N	N	N	50	200	200	N	N	N	100	20	20	200	500	30	N	70	Foliated pillow breccia	
(10)	Mouth of Castle Creek	56°40'02" 133°15'25"	--	79DG133A	N	40	700	170	10	1,500	20	1000	N	N	N	N	N	50	N	N	N	5	300	N	N	30	N	200	N	Float sample of quartz-pyrite massive sulfide	
				133B	N	35	240	350	5	N	10	2000	N	N	N	N	N	30	N	5	N	7	70	L	100	30	L	200	30	Representative pyritic felsic metatuff from massive sulfide zone	
		56°39'53" 133°15'20"		79DG134A	N	30	H10	45	N	N	10	700	N	N	N	15	100	70	N	N	N	30	N	N	300	100	L	N	70	Phyllitic felsic metatuff with disseminated pyrite	
(11)	Halobia Locality	56°40'18" 133°15'25"	--	79DG135A	N	100	13,000	120,000	100	1,000	10	150	N	N	500	N	N	100	N	N	N	10	5,000	N	N	30	N	>10,000	N	Massive sulfide lens with pyrite, sphalerite, and galena	
				135B	N	40	4,200	20,000	15	1,000	10	150	N	N	150	N	10	50	N	N	N	10	1,000	N	N	30	N	>10,000	N	Massive sulfide lens with pyrite, sphalerite, and galena	
		56°40'18" 133°15'27"		79BG069C	N	35	25	L	3	N	30	500	N	N	N	5	N	50	N	N	N	15	15	5	N	70	10	N	70	Phyllitic felsic metatuff	
(12)	Taylor Creek	56°47'38" 133°21'45"	4	79DG136A	0.20	180	3,900	8,200	7	N	L	300	N	N	N	5	N	70	N	N	N	7	700	N	N	20	N	2,000	N	Calcite vein with pyrite, sphalerite, and galena	
				79BG070A	N	N	H50	30	N	N	N	200	N	N	N	N	10	L	N	N	N	L	L	N	500	10	10	N	N	Marble	
		56°47'39" 133°21'44"		070B	N	100	H10	50	N	N	L	200	N	N	N	30	300	100	N	N	N	70	L	50	150	300	50	N	150	Greenschist with pyrite, calcite, chlorite, muscovite	

Massive sulfides, consisting of crudely banded (10 cm thick) pyrite, pyrrhotite(?), arsenopyrite(?), sphalerite and galena, were dug from a small water-filled pit about 30 m inland from the shoreline and at 15 m elevation. Country rocks near the pit include hematite-bearing phyllitic felsic metavolcanic rocks, carbonaceous phyllite and limestone, and mafic intrusive(?) rocks. The felsic metavolcanic rocks are cut by gold-bearing quartz veins, and both of these are cut by mafic dikes. Current owners report boulders of massive sulfides in creeks near the pit.

Rusty weathering, phyllitic, light greenish gray felsic metatuff with pyrite and minor sphalerite and galena, calcareous siltstone or calcareous volcaniclastic(?) rocks, locally containing poorly preserved fossil clams possibly of Late Triassic age, chert(?), and conglomerate and grit containing clasts of chert, limestone, and green volcanics, are underlain by a thick unit of greenstone pillow breccia.

Massive (up to 50%) pyrite occurs in a 2 m zone in massive to phyllitic light greenish gray felsic metatuff, locally containing 5-15% disseminated pyrite and sphalerite, is exposed as wave-cut bench below the high tide line. The felsic metatuff is intercalated with light gray, muscovite-rich, siliceous phyllite continuously along the shoreline, and is cut by olivine basalt dikes.

Halobia-bearing black carbonaceous phyllitic, locally garnet-bearing, limestone and siltstone are intercalated with silvery dark gray muscovite-bearing phyllite, which locally displays relict fragmental texture. Carbonaceous phyllite and phyllitic siliceous rock contain lenses of massive sulfides in a zone 3-4 m wide and 30-40 m long. Individual lenses up to 0.25 m wide, and 1 m long, contain dominantly pyrite with up to 5% galena and sphalerite.

Mineralization occurs in an irregularly shaped brecciated zone in thinly laminated to phyllitic dolomitized light gray and white fine grained marble, which overlies green crenulated muscovite-chlorite-calcite schist. The contact is characterized by abundant quartz and calcite veins. Richly disseminated to massive sulfides consist dominantly of py with minor gn and sl in a zone approximately 3 m wide by 7 m long in marble. Mineralization persists approximately 100 m along SW bank of creek.