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QUADRANGLE LOCATION

GMS-31

TAPs ?

Map no.	Mine or prospect name	Quarter section	Section	Township (south)	Range (east)	Elevation (ft)	Geologic formation	Geologic description	Surface and or underground workings	Pastpro
1.	Myrtle	NE	3	10	33	5,600	ħPa, KJi	Pyrite and pyrrhotite in massive garnet and epidote tactite. Along contact between limestone and quartz diorite	Several hundred feet of workings in three adits	None
2.	Golden West	NE	12	10	33	5,920	sp. ЋРа	Iron and copper oxides with quartz veinlets in silici- fied gabbro and ultramafic rock. Some argillite on adit dump. Shear zone at shaft strikes N. 70° W., dips 70° N.	About 300 ft of workings in adit and caved shaft	Unknowr
3.	Name unknown	NW	7	10	34	5,800	Pgb. sp	Pyrite and minor copper oxides in silicified gabbro and ultramafic rocks	Shallow cuts	None
4.	Reed, Pioneer	NE	7	10	34	6,040	KJi	Quartz veins and stringers and layers of gouge in N. 35° Estriking zone of altered quartz diorite about 200 ft thick. Ore minerals include stibnite, pyrite, sphale- rite, and silver sulfides	About 300 ft of workings in three adits	Unknowr
5.	Stalter. Mayflower	NE	17	10	34	6.320	KJi	N 40-50 Estriking zone of discontinuous quartz veins and gouge zones in altered quartz diorite and aplite dikes. Ore minerals include pyrite, manganese oxides, chalcopyrite, tetrahedrite, and scheelite	About 1.200 ft of workings in six adits and nu- merous surface pits and trenches	Small
6.	Wray, Mammoth	NW	17	10	34	5,600	sp	10-ft-wide limonitic fracture zone striking N. 80° E. in ultramatic rocks. Opaline quartz stringers in strongly silicified gabbro	Shallow shaft	None
7.	Nameunknown	NW	18	10	34	5,560	ħPa, sp	Discontinuous quartz stringers in argillite	Shallow trenches and pits	None
8.	Wisconsin	NW	18	10	34	5.360	ΤεΡa, sp	12-ft-wide zone of silicified argillite breccia strikes N. 80° E., dips 80° S.	Shallow prospect pits	None
9.	Name unknown	SW	18	10	34	5,160	ЋРа	15-ft-wide zone of iron-stained silicified chert pebble conglomerate strikes N. 45° W.	Shallow prospect pits	None
10.	Name unknown	SE	13	10	33	4,880	ЋРа	Quartz stringers with iron and manganese oxides in silicified aplite dikes which strike N. 20 $^{\circ}45^{\circ}$ W.	Prospect pits	None
11.	Longwalk	NE	14	10	33	4,560	ЋРа	Shear zone in calcareous graywacke. Strikes N. 40° W. Contains widely spaced stringers of calcite and traces of cinnabar	Bulldozer cuts	None
12.	Dixie Group, Three Hills	NE	32	10	34	4,240	ЋРа	Northeast-striking limonitic zones in silicified por- phyritic quartz diorite dikes in argillite	About 400 ft of workings in two adits with trenches and prospect pits	Unknow
13.	China Diggings	NW	32	10	34	4.000	Ttg	Tertiary gravel deposits	About 2 acres worked	Small
14.	Middle Fork placers, Timms gold dredge	SW NE	31 6	10 11	34 34	3,720	Qal	Channel gravels in Middle Fork of the John Day River	About 200 acres of channel dredged 1939-1942	8.312 oz 1.529 oz
15.	Three Corners, Stithum	SE	2	11	33	4,600	ъ₽а	1-ft-wide quartz vein and gouge zone with pyrite and arsenopyrite. Strikes N.	200-ft adit and caved shaft	Small?
16.	Golden Icetope	NW	12	11	33	4.920	ħPa, KJi	Gouge and quartz veinlets in strongly hornfelsed ar- gillite	About 500 ft of workings in three adits	Small?

Sample	Si0 ₂	Al ₂ 0 ₃	Ti0 ₂			Tal	ble 2. CHEM	ICAL ANA	ROCK SAI	Quarter						
				Fe ₂ 0 ₃	Fe0	Mn0	Ca0	Mg0	K20	Na ₂ 0	P205	section	Sec	T.(S.)	R.(E.)	Rock type
Α.	49.71	16.64	1.35	4.83	5.54	0.16	10.48	7.90	0.44	2.77	0.19	SE	34	9	33	Olivine basalt
В.	49.49	16.67	1.32	4.91	5.62	0.16	10.51	8.10	0.39	2 64	0.18	SW	32	9	34	Olivine basalt
C	59.16	15.43	1.01	3.61	4.13	0.13	7 40	5.07	0.89	2 98	0.20	SW	6	10	34	Augite andesi
D	60.02	14.99	0.82	3.31	3.79	0.12	7.22	5.60	1.22	2.72	0.17	SE	12	10	33	Augite andes
E.	50.69	15.04	0.98	3.89	4.46	0.14	10.79	10.55	0 72	2 46	0.27	SW	10	10	33	Olivine basalt
F	52.59	15.88	1.28	4.54	5.20	0.15	8.79	6.82	0 96	3 39	0.40	NW	15	10	33	Olivine basalt
G.	49.06	16.19	1.23	4.64	5.32	0.16	11.30	9.30	0.41	2.19	0.22	SE	14	10	33	Olivine basalt
H.	57.83	16.35	1.27	3.82	4.37	0.16	7.13	4.22	1.49	3.07	0.29	SW	21	10	33	Andesite
1	55.40	17.99	1.37	3.79	4.34	0.13	8.20	3.61	1.25	3.39	0.55	NW	35	10	33	Andesite
.1	52.29	17.73	1.35	4.68	5.36	0.16	8.85	5.16	1.02	3.12	0.29	SW	2	11	33	Basalt
K.	69.63	17.07	0.51	1.71	1.95	0.09	4.03	0.26	1.45	3.07	0.23	SW	2	11	33	Dacite
1	66.20	17.31	0.51	1.78	2.04	0.05	5.01	2.00	1.17	3.77	0.16	NE	10	11	33	Andesite
M	61.42	17.78	0.84	2.50	2.87	0.09	6.17	2 93	1.74	3.40	0.26	NW	10	11	33	Andesite

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