ITEM 33 (191)

PINE TREE PROJECT
CONTINENTAL MATERIALS CORPORATION
MINERAL COUNTY, NEVADA.

Available information compiled on this map as of NOV. 1 1959 Geo. Atkins

Assays by E.S. Gates
Metal Assay Office
P.O. Box 183, Mina, Nev.

Sample No.	Place	Gold	Silver	Copper
1		Tr	None	.175
2	53'		.15	.15
3	50		.15	.15
4	60		.125	.125
5	65		.175	.175
6	70		.125	.125
7	79		.10	.10
8	84		.14	.14
9	88		.125	.125
10	99		.125	.125
11	94	.01	.08	.175
12	110-114		.075	.075
13	114-133		.20	.20
14	133-172	Tr	Tr	.25
15	172-233			
16	233-278		.025	
17	90-95 on XC	Tr	Tr	.02
18	10-41 5'			.02
19	10'			.025
20	25'		Tr	Tr
21	22'		Tr	Tr
22	⊟ +108'	.01	Tr	.05
23	⊟ +115	.02	2.14	2.015
24	114'			.075
25	⊟ +57			.125
26	42			.1
27	145'			.875
28	67'			.15
29	72			.2
30	151'	.01	1.0	.375
31	77			.05
32	83			.09
33	158			.1
34	87			.075
35	92			.075
36	149			.45
37	97			.05
38	102			.175
39	170	Tr	.27	.362
40	107			.95
41	112			.575
42	116			.375
43	117			.95
44	123			.225
45	182			.8
46	127			.225
47	133			.175
48	138			.925
49	137			.062
50	142			.137
51	103			.525
52	200			.437
53	206			.65
54	212			.30
55	218			.6
56	129			.325
57	230			.962
58	236			1.35
59	243			1.025
60	249	.01	.59	.675
61	255			.55
62	261			.637
63	266			.3
64	273	.01	.28	.375
65	279			.425
66	285			.487
67	290			.675
68	295	.015	1.4	1.463
	180			.237
	185			.125
	190			.262
	195			.3
	200			.55
	205			.825
	210			1.53
	215-220			.9
	220-225			.675
	225-230			.313
	230-235			.300
	235-240			.237
	240-245			.6
	245-250			1.175
1-10	69 ⊟ +301			.3
	70 3+7			.325
	71 313	.005	.27	.325
	72 319			.3
1-21	73 325-332			.35
2-2	74 ⊟ 71-77			.412
2-5	75 77-83			.736
	76 83-89			.575
	77 89-95			.572
2-6	78 95-101			.571
	79 101-107			.9
	80 107-113			.9
	81 113-121	Tr	None	.3
	82 121-127			.35
	83 127-133			.5
2-20	84 133-140			.337
	85 140-146	.005	.33	.25
	86 146-152			.225
	87 152-158			.35
	88 158-165			.325
	89 165-171			.3
	90 171-178			.2
2-27	91 178-184			.15
	92 184-190			.225
	93 190-196			.225
	94 196-203			.2
	95 203-209			.2
3-7	96 209-215			.325
	97 215-221			.575
	98 221-227			.275
	99 227-233			.175
	100 233-239			.925
	101 239-245			.475
	102 245-251			.1
	103 251-256			.275
	104 256-262			.4
3-7	105 262-267			.35
	106 267-273			.15
	107 273-278			.275
	108 278-284			.425
	109 284-289			.95
	110 289-292			.55
3-26	111 292-296			.53
	112 296-301			.33
	113 301-306			.4
	114 306-310	Tr	Tr	.28
3-26	115 ⊟ +92-96			.15
	116 96-97			.175
	117 97-98			.15
	118 98-99			.25
	119 99-100			.1
Gabbs 332-338	120 63-67			.125
	121 ⊟ 338-346			.875
	122 346-354			.15
	123 354-362	.015	2.04	.65
	124 ⊟ +47-71			.1
4-11	125 71-73			.35
	126 73-83			.1
8x-87	127 83-95			.175
8x-99	128 99-103	Tr	.07	.1
103-140	129 101-111			.125
4-21	130 112-119			.025
119-138	131 128-132			.05
	132 132-136			.8
136/146	133 140-144			.6
144/148	134 148-152			.075
	135 152-156			.4
	136 156-160			.15
	137 160-164			
5/5	GCH 32 ⊟ +92-99	.01	.19	.325
	12' Qz vein			.35
5/2	137 ⊟ +160-164			
	138 ⊟ +82-88			0.102 Cu
	139 88-94			.075
	140 94-100			.075
	141 100-106			.05
	142 106-112			.10
	143 112-118			.70
	144 118-121			.325
	145 121-127			.325
	146 127-133			.15
	147 133-139			.075
	148 139-145			.075
	149 145-151			.025 Au .09 oz Ag
	150 151-157			.025 Tr .09
	151 157-163			.16 Tr .16
	152 163-169			.075 .005 .30
	153 169-175			.30 Tr .35
	154 175-178			.35 Tr .21
	155 178-184			.30
Gab. 18-188	156 184-186			.335 Tr .35
	157 186-194			.749 Tr .76
	158 194-200			.45 Tr .35
	159 200-206			.375
	160 206-212			.335 .005 .14
	161 212-219			.955
	162 218-224			.925
	163 224-326			.325 Tr .15
	164 226-229			.35 Tr .09
	165 229-232			.55
5/18	166 232-235			.50
	167 241-247			.225
	168 247-253			.275
	169 253-259			.15
	170 259-266			.15
	171 266-272			.30
	172 272-279			.375
	173 279-284			.475
	174 ⊟ +74-80			.425
	175 80-86			.325
	176 86-92			.25
5/28	177 ⊟ +92-98			0.175 % Cu
	178 98-105			.175
	179 105-111			.2 .089 % Mo
	180 111-118			.175
	181 118-124			.2
	182 124-130			.2
	183 130-136			.175
	184 136-142			.15 .014 Au .10 Ag .053 % Mo
	185 142-148			.2 .015 .12 .056
	186 148-154			.15
	187 154-160			.15
	188 160-166			.325 .183 % Mo
	189 166-172			.175
	190 172-178			.05
	191 178-184			.05
6/6	192 184-190			.125 .013 % Mo
	193 190-196			.1 .063 "
	194 196-202			.125 .015 % Mo
	195 202-208			.125 .11 % Mo
	196 210-216			.175
	197 216-222			.175
	198 222-228			.175
	199 228-234			.175
	200 234-240			.075 .031 % Mo
	201 240-245			.05
	202 245-255			.05
	203 255-262			.05 .063 % Mo
	204 262-268			.05 .096 "
	205 268-275			.075
	206 275-282			.10 .176 "
	207 282-288			.05 .036 "
	208 288-295			.05 .173 "
6/14	GCH ⊟ +148-163			.05 .136 "
	209 163-168			0.075 % Cu
	210 168-173			.075 .026 % Mo
	211 173-178			.075 .069
	212 178-185			.10 .036
	213 185-190			.125 .043
	214 190-195			.225 .096
	215 195-200			.175 .186
	216 200-207			.15 .123 .01 oz Au, Tr. oz. Ag
7/23/59	217 ⊟ 189-193			.375
	218 193-197			.35
	219 197-201			.30
	220 201-205			.225
	221 205-209			.425
	222 ⊟ 78-82			.225
	223 82-86			.275
	224 86-90			.45
	225 90-94			.475
	226 94-98			.425
	227 98-102			.475
	228 102-106			.375
	229 106-111			.25
	230 111-115			.25
	231 115-119			.125
	232 119-123			.30
	233 123-127			.90
	234 127-131			.95
	235 131-135			.325
8/22/59	236 135-139			.225
	237 139-143			.15
	238 143-147			.225
	239 147-151			.35
	240 151-155			.175
	241 155-159			.125
	242 159-163			.175
	243 163-167			.175
	244 ⊟ 43-47			.175
	245 47-51			.55
	246 51-55			.375
	247 55-59			.25
	248 59-63			.2
	249 ⊟ 4-47			.35
	250 47-71			.225
	251 71-75			.3
	252 75-79			.225
	253 79-83			.225
	254 83-87			.325
	255 87-91			.4
	256 91-95			.3
	257 95-99			.3
	258 99-103			.3
	259 103-107			.3
	260 107-111			.3
	261 111-115			.3
	262 115-119			.225
	263 119-123			.175
	264 123-127			.175
	265 127-131			.150
	266 131-135			.125
	267 135-138			.125
	268 ⊟ 38-42			.125
	269 42-46			.125
	270 46-50			.125
	271 50-54			.4
	272 54-58			.3
	273 58-62			.2
	274 62-66			.125
	275 66-70			.175

Surveying by Deming Tork, Reno, Nev. Geology by Geo. C. Hoikes, Las Gatos Calif. Sampling under supervision of Fred Portegus, Gabbs, Nevada

Map showing the General Geology from Plate 2, U.S.G.S. Prof. Paper 216 "STRUCTURAL GEOLOGY OF THE HAWTHORNE AND TONOPAH QUADRANGLES" and U.S.G.S. Bulletin 973-D "CLASTIC DEPOSITS IN THE SOUTHERN PILOT MOUNTAINS, MINERAL COUNTY, NEVADA."

Geology by Harry G. Ferguson and C.H. Muller, 1931-1936. Additions by D.A. Preston and J.S. Stewart 1942.

Flotation test made on pulps of Samples No. 59 and 59. By E.S. Gates made 90.82% Recov. of copper. Concs. assayed 3.55 oz. Au, 11.35 oz. Ag and 25.7% Cu. Tails 0.125 % Cu.

Assays by Martin P. Quist
Robert A. Hanks, Inc.
1300 Sansome St.
San Francisco 11, Calif.

3-5-59 Lab. No. C100421
Control on composite of Sample pulps, 10 grams from each pulp, "Cut" Samples 170 ft. to 261 ft = ⊟ 56a.

.005 oz Gold
.30 oz. Silver
5.55 % Copper
.015 % Molybdenum

Lab. No. C100425
Control on composite of Sample pulps, 38a ⊟ + 180 to 250 ft.

.01 oz. Gold
.40 oz. Silver
.560 % Copper
.018 % Molybdenum

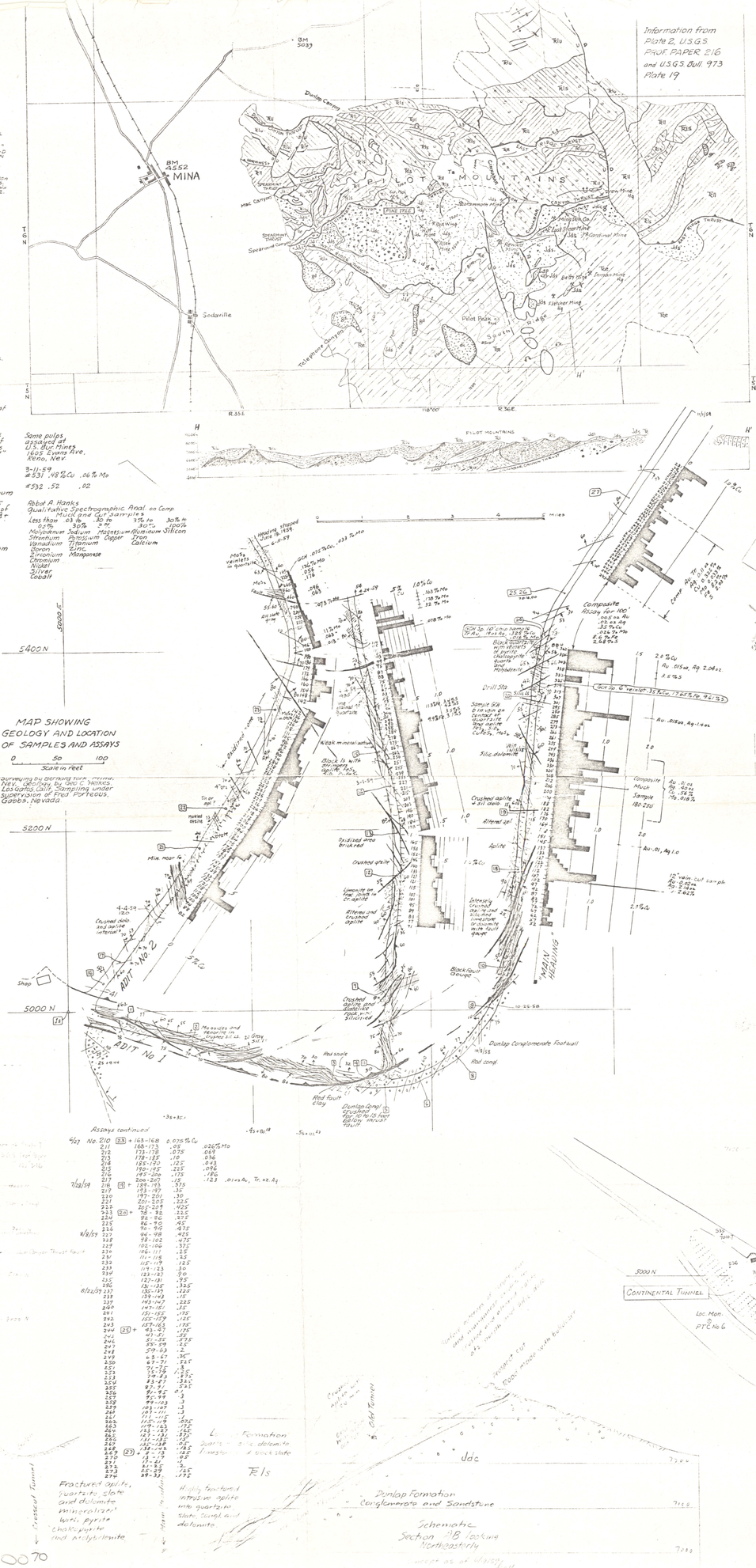
Some pulps assayed at U.S. Bur. Mines 1605 Evans Ave. Reno, Nev.

3-11-59
#331 .48 % Cu .06 % Mo
#332 .52 .02

Robert A. Hanks
Qualitative Spectrographic Anal. on Comp Muck and Cut Samples

Less than	0.3%	0.6%	1%	3%	10%
0.2%	30%	3%	30%	5%	100%
Molybdenum	Sodium	Magnesium	Aluminum	Silicon	
Strontium	Potassium	Copper	Iron		
Vanadium	Titanium	Calcium			
Boron	Zinc				
Zirconium	Manganese				
Chromium					
Nickel					
Silver					
Cobalt					

Information from Plate 2, U.S.G.S. PROF. PAPER 216 and U.S.G.S. Bull. 973 Plate 19


PILOT MOUNTAINS
MINA
Sodaville
Pilot Peak
Pine Tree
Spearmint Thrust
Mac Canyon
Telephone Canyon
Dunlap Canyon
Cardinal Mine
Ferguson Mine
Esteban Mine
Pilot Mtn. Mine
Mt. Cardinal
R.35E.
R.36E.
T.11N.
T.10N.
Pilot Mountains
Jds Tr
Jdc
Jdl
Jds
Tr
Tri
Tre
Tri
Tre
Tri
Tre