

ASPEN MINE.

Property File

082FSW 001

Log of Diamond Drill Hole No. 3 Drilled August 1929.

002676

Location : S.75¹/₂^o W. 150 feet from flag L 6 Radiore Survey.

Coarse of Hole: N.74^o E. on 1/2 degree pitch up.

Length of Hole: 403 feet.

<u>Feet Depth</u>	<u>Feet Core</u>	
0-44	37'	Limestone - bluish white.
44-74	27'	" - bluish with impure bands.
74-75	1'	Lamprophyre-
75-94	17'	Limestone - bluish white.
94-120	23'	" - " " banding at 90 ^o with core.
120-129	9'	" - " " traces of pyrite toward end.
129-146	16'	" - " " weak pyrite-best at 129-130 feet.
146-173	24'	" - white-no mineralization.
173-181	7'	" - white coarsely crystalline very weak pyrite.
181-187	7'	" - bluish white - increasing mineralization.
187-192	5'	" " - well mineralized with pyrite, pyrrhotite and some zinc.
192-197	5'	" " - strongly mineralized with pyrite, pyrrhotite and some zinc.
197-205	7'	" " - strongly mineralized with pyrite, pyrrhotite and some zinc.
205-214	9'	" - white- no mineralization.
214-215	1'	Lamprophyre-
215-222	7'	Limestone - gray-fair pyrite and traces of zinc.
222-231	9'	" - gray-weak pyrite in spots.
231-239	8'	" - gray- traces of pyrite in spots.
239-273	33'	" - gray-no mineralization-core in "buttons"
273-283	5'	" - gray- "
283-285	2'	quartzite - white, grading to
285-290	5'	Argillite - Silicious.
290-298	8'	Limestone - gray

Diamond Drill Hole No.3 (Cont'd.)

<u>Feet Depth</u>	<u>Feet Core</u>	
298-299½	1½'	Quartzite - argillaceous.
299½-302	3½'	Argillite - with bands of quartzite.
302-313	11'	Limestone - white
313-375	60'	Limestone - white and gray with no mineralization and indefinite narrow bands of schist and quartzite.
375-378	2½'	Lamprophyre
378-386	8'	Limestone - white.
386-387	1'	Lamprophyre
387-391½	4½'	Limestone - white.
391½-393	1½'	Lamprophyre
393 - 397	3'	Aplite (?) -(white feldspar and quartz.) traces of pyrite.
397-403	6'	Limestone - white.
		Bottom of hole.

Samples: (core split)

<u>No.</u>	<u>Depth</u>	<u>Length in Ft.</u>	<u>Oz. Silver</u>	<u>% Lead</u>	<u>% Zinc.</u>
1	180-185	5	0.40	0.16	0.5
2	185-190	5	0.40	0.10	0.6
3	190-195	5	0.45	0.27	7.1
4	195-200	5	0.55	0.16	5.6
5	200-205	5	0.45	0.27	5.8
6	215-221	5	0.32	0.21	0.5

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Log of Diamond Drill Hole No. 4. Drilled August 1929.

Location of Hole: S.75° W. 112 feet from flag L-I of Radiore Survey.

Course of Hole: N.79° E. on 1/2 degree pitch upward.

Length of Hole : 211 feet

<u>Feet Depth</u>	<u>Feet</u>	<u>Core</u>
0-10	7'	Limestone - bluish white.
10-18	8'	" - " " - bedding averages 60° with core.
18-29	7'	" - white.
29-34	3'	Granite - aplitic.
34-40	3'	Limestone - white.
40-55	12'	" - bluish white - bedding averages 45° with core.
55-64	11'	" - " "
64-72	7'	" - " " - bedding averages 55° with core.
72-80	7'	" - " "
80-110	19'	" - gray
110-117	7'	" - bluish white - traces of pyrite .
117-120	3'	" - coarse grained and white.
120-130	10'	" - gray - traces of pyrite.
130-140	9'	" - yellowish - scant trace of pyrite.
140-142	2'	" - bluish white - pyrite and some zinc, increasing to good at 142 feet.
142-148	5½'	" - " " " and some zinc increasing to very strong at 146 feet.
148-152	4'	" - " " with strong pyrite, pyrrhotite and zinc in streaks and bunches.
152-160	7'	" - " " with strong pyrite, pyrrhotite and zinc in streaks and bunches.
160-161	1'	Lamprophyre
161-166	5'	Limestone - bluish white with fair pyrite, pyrrhotite and zinc.
166-168	2'	" - " " with pyrrhotite weakening.
168-176	5'	" - brownish gray with traces of pyrite.
176-202	18'	" - brown and coarsely crystallized-core in buttons.
202-210	6'	" - bluish white-bedding at 45° with core.

Drill Hole No.4.

Feet

Feet Depth Core

210-211. Bottom 8" Quartzite-pure white and very fine grain.

Bottom of hole.

Samples: (core split)

<u>No.</u>	<u>Depth</u>	<u>Length Ft.</u>	<u>Oz. Silver</u>	<u>% Lead</u>	<u>% Zinc.</u>
7	140-145	5	0.48	0.16	2.6
8	145-149	4	0.42	0.21	16.2
9	149-154	5	0.15	0.26	5.4
10	154-157	3	0.41	0.47	8.8
11	157-162	5	0.46	0.36	1.7
12	162-167	5	0.57	0.52	0.5

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Log of Diamond Drill Hole No. 5.

Drilled August 1929.

Location: S89° W. 70 feet from Radiore Station "Wb."

Course of Hole : N.89° E. on 14½° pitch downward.

Length of Hole: 162 feet.

<u>Feet Depth</u>	<u>Feet Core</u>	
0-5	4½'	Limestone - bluish white.
5-8	2'	" - white marblized.
8-29	13'	" - white and bluish white.
29-53	10'	" - white limestone and calcite.
53-98	37'	" - white, bluish white & calcite, core in buttons.
98-104	3'	" - dark blue & impure - Traces pyrite.
104-113	7'	" - white & bluish white - core mostly in buttons.
113-121	5'	" - " " "
121-129	5'	" - bluish gray, traces of pyrite - core mostly in buttons.
129-137	5'	" - gray to white, traces of pyrite - core mostly in buttons.
137-148	9'	" - gray, core in buttons.
148-149	1'	Amphiphyre-
149-158	7'	Granite - light gray aplitic.
158-162	2½'	Schist - contorted, argillite, etc.

Bottom of hole.