



52002NE0500 52002NE0010 MATAPESATAKUN BAY

010

Diamond Drilling

Area of MATAPESATAKUN BAY

Report NO 10

Work performed by: **HASAGA GOLD MINES LIMITED**
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Claim NO	Hole NO	Footage	Date	Note
	E-1	279.0'	Oct/53	
	E-2	341.0'	Oct/53	
	E-3	300.0'	Oct/53	
	E-4	316.0'	Oct/53	
	E-5	389.0'	Oct/53	
	E-6	432.0'	Oct/53	
	E-10	687.0'	Oct/53	
	E-17	203.0'	July/54	
	E-18	346.0'	July/54	
	E-19	112.0'	July/54	
	E-20	399.0'	July/54	
	E-21	156.0'	July/54	
	E-22	110.0'	Aug/54	
	E-23	100.0'	July/54	
	E-24	103.0'	July/54	
	E-27	119.0'	July/54	
	E-28	649.0'	Aug/54	
	E-29	117.0'	Aug/54	

Diamond Drilling

Area MATAPESATAKUN BAY

Report N^o 10

Work performed by:

Claim N ^o	Hole N ^o	Footage	Date	Note
	E-30	120.0'	Aug/54	
	E-31	125.0'	Aug/54	
	E-32	125.0'	Aug/54	
	E-36	122.0'	Sept/54	
	E-37	56.0'	Sept/54	
	E-38	53.0'		
	E-39	50.0'		
	E-47	750.0'		
	E-48	770.0'		
	E-49	741.0'		
	E-51	62.0'		
	E-52	53.0'		
	E-53	55.0'		
	E-54	51.0'		
	E-55	44.0'		
	E-56	60.0'		
	E-57	71.0'		
	E-58	76.0'		

Diamond Drilling

Area of MATAPESATAKUN BAY

Report NO 10

Work performed by:

Claim NO	Hole NO	Footage	Date	Note
	E-59	84.0'		
	E-60	121.0'		
	E-61	105.0'		
	E-66	281.0'		
	E-67	288.0'		
	E-68	299.0'		
	E-69	256.0'		
	E-70	464.0'		
	X-12	79.0'	Oct/53	
	X-13	51.0'	Oct/53	
	X-14	68.0'	Oct/53	

TOTAL: 47 DH 10638 FT

Notes:

Drill locations are noted on the sketch in the map pocket.
Hole numbers are not indicated on the sketch.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA
Koval-Ohman Option

Hole No. D.D. E-1.....

5099N

Place..... Surface..... Location..... 6998E..... Direction..... S24°E..... Date..... Oct. 1953.....

Dip: Collar -45° at 279' -18°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing				
12-60	Altered sediments. Generally dark grey in color and finely banded.				
60-84½	Tuffs. Finely banded green and dark brown.				
84½-120	Finely banded greywacke.				
120-136'8"	Altered slaty sediments.				
162-186	Dark sediments? - tuffs?				
186-217	Dark greywacke type sediments. Finely banded and without alterations				
217-222	Fine grained greenish tuffs.				
222-226	Dioritic dyke				
226-247	Dark brown and green banded sediments.				
247-274	Fine uniform greywacke type sediments.				
274-279	Green and brown banded tuffs.				

END OF HOLE 279'

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DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. E-1....

5099N

Place Surface... Location 6998E..... Direction S24°E..... Date Oct.. 1955.

Dip: Collar -45° at 279' -180

Sample

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 12	Casing				
12 - 60	Altered sediments. Generally dark grey in color and finely banded.				
60 - 84	Tuffs. Finely banded green and dark brown.				
84 - 120	Finely banded greywacke.				
12 - 136	8" Altered slaty sediments.				
162 - 186	Dark sediments? - tuffs?				
186 - 217	Dark greywacke type sediments. Finely banded and without alterations.				
217 - 222	Fine grained greenish tuffs.				
222 - 226	Dioritic dyke.				
226 - 247	Dark brown and green banded sediments.				
247 - 274	Fine uniform greywacke type sediments.				
274 - 279	Green and brown banded tuffs.				

End of Hole 279'.

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 HASAGA
 Koval-Ohman Option

Hole No. D.D. E-1

Logged by: W.R.McQ.

Place..Surface.. Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29340	Grey quartz.	19-19'8	8"		3.15
41	Some arsenopyrite.	36-38	24"		3.15
42	Ditto.	39-40	24"		0.70
43	Ditto.	43-45	24"		nil
44	Garnets with pyrrhotite	90'6-92	18"		nil
45	Dark.	113'6-125'3	21"		nil
46	Dark.	125'3-127'6	30"		3.15
47	Ditto.	127½-130	30"		nil
48	Ditto.	130-132½	30"		nil
49	ditto.	132½-135	30"		nil
50	Ditto.	135-136'8	20"		nil
51	Silicious.	136'8-139	28"		3.50
52	Ditto.	139-142	36"		3.85
53	Much quartz.	142-143'6	18"		nil
54	Silicious.	143'6-145'8	26"		nil
55	Dike.	145'8-146'9	13"		nil
56	Mostly quartz.	146'9-147'8	11"		0.70
57	Silicious.	147'8-150	28"		4.20
58	Silicious with many darker bands.	150-152½	30"		0.70
59	Silicious.	152½-155	30"		nil
60	Ditto.	155-157½	30"		1.05
61	Ditto.	157½-160	30"		nil
62	Ditto. Transitive contact zone.	160-162	24"		5.25
63	Dark.	162-165	36"		2.80
64	Dark.	165-167½	30"		114.70
65	Ditto.	167½-170	30"		1.75
66	Ditto.	170-172½	30"		16.45
67	Ditto.	172½-175	30"		3.85
68	Dark.	175-177	24"		3.15
69	Ditto.	177-180	36"		2.10
70	Ditto.	180-183	36"		2.80
71	Ditto.	183-186	36"		15.05
98		186-189	36"		1.75
99		189-192	36"		nil
72	Coarse grained. Green massive pyrrhotite in streak.	213-215	24"		1.75
73	Fine green.	220-222	24"		nil
74	Greywacke.	250-252	24"		nil
75	Much quartz and feldspar.	260-261'9	21"		0.70
76	Greywacke.	261'9-264	27"		nil
0-12	Casing.				
12-60	Sediments, altered, Generally dark in color and finely banded, much of banding due to alteration, -35° to core axis. Frequent narrow silicious or cherty bands. Amphibolitic, highly developed in places. Garnetiferous band also common. 19'-19'2" Dark grey 9'3. Some mineralization on fractures. 32'-33'4 Dioritic dyke. 36'-45' Silicious band prominent (60%) Fine pyrrhotite with some pyrite and arsenopyrite.				

PICKLE CROW GOLD MINES LTD.

MO 16

DIAMOND DRILL REPORT.

ILSAGA

Kovnl-Ohman Option

Hole No. D.D. J-1....

Logged by R.H. McQ.

Place J.V. 22... Location Direction Date

Sample No.	Description	Footage	Width	Ass	
				Oz.	Value
29340	Grey quartz.	19-19'8	8"		3.15
41	Some arsenopyrite.	36-38	24"		3.15
42	Ditto.	39-40	24"		0.70
43	Ditto.	43-45	24"		nil
44	Garnets with pyrrhotite.	50'6-92	18"		nil
45	Dark.	123'6-125'3	21"		nil
46	Dark.	125'3-127'6	30"		3.15
47	Ditto.	127'3-130	30"		nil
48	Ditto.	130-122'3	30"		nil
49	Ditto.	132'3-135	30"		nil
50	Ditto.	135-136'8	20"		nil
51	Silicious.	136'8-139	28"		3.50
52	Ditto.	139-142	36"		3.85
53	Much quartz.	142-145'6	18"		nil
54	Silicious.	142'6-145'8	26"		nil
55	Dike.	145'8-146'9	13"		nil
56	Mostly quartz.	146'9-147'8	11"		0.70
57	Silicious.	147'8-150	28"		4.20
58	Silicious with many darker bands.	150-152'3	30"		0.70
59	Silicious.	152'3-155	30"		nil
60	Ditto.	155-157'3	30"		1.05
61	Ditto.	157'3-160	30"		nil
62	Ditto. Transitive contact zone.	160-162	24"		5.25
63	Dark.	162-165	36"		2.80
64	Dark.	165-167'3	30"		11.70
65	Ditto.	167'3-170	30"		1.75
66	Ditto.	170-172'3	30"		16.45
67	Ditto.	172'3-175	30"		3.85
68	Dark.	175-177	24"		3.15
69	Ditto.	177-180	36"		2.10
70	Ditto.	180-183	36"		2.80
71	Ditto.	183-186	36"		15.05
98		186-189	36"		1.75
99		189-192	36"		nil
72	Coarse grained. Green massive pyrrhotite in streak.	210-215	24"		1.75
73	Fine green.	220-222	24"		nil
74	Greywacke.	250-252	24"		nil
75	Much quartz and feldspar.	260-261'9	21"		0.70
76	Greywacke.	261'9-264.	27"		nil

0-12
12-60

Casing.
 Sediments, altered. Generally dark in color and finely banded, much of banding due to alteration, - 25° to core axis. Frequent narrow x silicious or cherty bands. Amphibolitic, highly developed in places. Garnetiferous band also common.
 19'-19'8" Dark grey 9'3. Some mineralization on fractures.
 32'-32'4 Dioritic dyke.
 36'-45' Silicious band prominent (60%) Fine pyrrhotite with some pyrite and arsenopyrite.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-1.....

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
60-83	50'-51'10" Acid diorite dyke. Sediments. Finely banded green and dark brown, Wider bands have coarse amphibole.				
83-84'6	Sediments. Garnets to 1/4" in green and black chloritic band.				
84'6-120	Sediments. Finely banded greywacke. 86'3-87'9 Acid diorite dyke. 90'6-92 Coarse garnets, pyrrhotite. 98-99 Acid diorite. 112'3-113 Dyke.				
120-123'6	Sediments. Mostly slate with a few cherty bands. A little pyrrhotite				
123'6-162	Sediments, altered. Ore zone. 123'6-136'8 Very dark, Pyrrhotite and arsenopyrite with neither too plentiful. 136.2-162 Silicious type. Not very well mineralized as a whole 142'-143'6 Much grey quartz. Streaky pyrrhotite. 146'9-147'8 Mostly quartz with inclusions. 152'4-153 Dyke?				
162-186	Dark type sediments, also not too well mineralized. Best around 165-175'. Many narrow veinlets of quartz. 182'182'10 Diorite dyke.				
186-217	Sediments. Dark greywacke type. Still finely banded but without the alteration and mineralization of the ore zone area. 202-211 Narrow greenish bands becoming prominent. 211-217 Coarse grained; garnetiferous and amphibolitic. Some narrow streaks of massive pyrrhotite.				
217-222	Greenish type sediments. Fine grained generally.				
222-226	Acid diorite dike. Chilled margins.				
226-247	Sediments; dark brown (micaceous) and green (chloritic and silicious) bands.				
247-274	Greywacke; fine and fairly uniform. Grey in color. 260-261'9 Much quartz and feldspar veining. A little pyrrhotite and pyrite.				
274-279	Green and brown banded sediments.				

END OF HOLE 279'

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DIAMOND DRILL REPORT.

Hole No. D.D. 271.....

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
60-83	50'-51'10" Acid diorite dyke. Sediments. Finely banded green and dark brown. Wider bands have coarse amphibole.				
83-84'6	Sediments. Garnets to 1" in green and black chloritic bands.				
84'6-120	84'6-120 Sediments. Finely banded graywacke. 86'3-87'9 Acid diorite dyke. 90'6-92 Coarse garnets, pyrrhotite. 98-99 Acid diorite. 112'3-113 Dyke.				
120-123'6	Sediments. Mostly slate with a few cherty bands. A little pyrrhotite.				
123'6-162	Sediments, altered. Ore zone. 123'6"-126'8 Very dark. Pyrrhotite and arsenopyrite with neither too plentiful. 136'2-162 Silicious type. Not very well mineralized as a whole. 142'-143'6 Much grey quartz. Steady pyrrhotite. 146'9-147'8 Mostly quartz with inclusions. 152'4-153 Dyke?				
162-186	Dark type sediments, also not too well mineralized. Best around 165-175'. Many narrow veinlets of quartz. 182'-182'10 Diorite dyke.				
186-217	Sediments. Dark graywacke type. Still finely banded but without the alteration and mineralization of the ore zone area. 202-211 Narrow greenish bands becoming prominent. 211-217 Coarse grained; garnetiferous and amphibolitic. Some narrow streaks of massive pyrrhotite.				
217-222	Greenish type sediments. Fine grained generally.				
222-226	Acid diorite dike. Chilled margins.				
226-247	Sediments; dark brown (micaceous) and green (chloritic and silicious) bands.				
247-274	Graywacke; fine and fairly uniform. Grey in color. 260-261'9 Much quartz and feldspar veining. A little pyrrhotite and pyrite.				
274-279	Green and brown banded sediments.				
	End of hole 279'				

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

Hole No. D.D. E-2.....

5060N

Place Surface... Location. 7125E..... Direction... S23°E... Date Oct. 1953

Dip: Collar -30° 200' -18°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-5	Casing				
5-8	Dark fine black sediments.				
8-17	Siliceous sediments with chlorite schist.				
17-18'4"	Ground.				
18'4"-27	Dark heavily altered sediments.				
27-34	Siliceous sediments.				
34-35	Ground.				
35-36½	Chloritic schist with 8" quartz.				
36½-41	Dark garnetiferous sediments.				
41-70	Dark - Generally green - tuffs.				
70-80	Dark fine grained sediments? tuffs?				
80-105½	Tuffs? Greenish type with some garnetiferous bands				
105½-109½	Dioritic dyke.				
109½-134	Dark greywacke type sediments.				
134-154	Green banded tuffs.				
154-174'4"	Greywacke type sediments.				
174'4"-250'	Heavily altered rhyolite mixed with siliceous dark sediments.				
250-285	Dark sediments with quartz veinlets.				
285-341	Finely banded green and dark tuffs.				
END OF HOLE 341'					

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DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. ~~K-2~~.....

5060N

Place ~~Surface~~..... Location ~~7125E~~..... Direction ~~S 23° E~~..... Date ~~Oct. 1953~~.....

Dip: Collar -30° 200' - 18°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 5	Casing				
5-8	Dark fine black sediments.				
8 -17	Siliceous sediments with chlorite schist.				
17-18'4"	Ground.				
18'4"-27	Dark heavily altered sediments.				
27 - 34	Siliceous sediments.				
34 - 35	Ground.				
35 -36	Chloritic schist with 8" quartz.				
36- 41	Dark garnetiferous sediments.				
41 - 70	Dark - Generally green - tuffs.				
70 - 80	Dark fine grained sediment? tuff?				
80 -105	Tuffs? Greenish type with some garnetiferous bands.				
105-109	Dioritic dyke.				
109-134	Dark greywacke type sediments.				
134-154	Green banded tuffs.				
154-174'4"	Greywacke type sediments.				
174'4"-250'	Heavily altered rhyolite mixed with siliceous dark sediments.				
250-285	Dark sediments with quartz veinlets.				
285-341	Finely banded green and dark tuffs.				

End of Hole 341'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

HASAGA

Kov:1-Ohman Option

Hole No. D.D. F-2...

Logged by W.R.MoQ.

Place Surface... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29400	Schist. Silicious chlorite.	7½-10	30"		nil
31	Ditto.	10-12½	30"		nil
32	Dyke.	13½-15	18"		nil
33	Silicious chloritic.	15-17½	24"		1.05
34	Dark highly altered. Fair mineralization.	18¾ -20	20"		4.90
35	Silicious and dark. Well mineralized.	20-22½	30"		8.75
36	Dark. Well altered and mineralized. Silicified.	22½-25	30"		2.110
37	Dark grading to silicious. Well mineralized.	25-27	24"		15.05
38	Silicious. Well mineralized. Pyrite.	27-29	24"		3.15
39	Dyke. Some mineralization.	29-30'2	14"		nil
40	Silicious. Well mineralized.	30'2-32	22"		3.15
41	Ditto. Chloritic for last foot.	32-34	24"		2.80
42	Chloritic with quartz.	35-36½	18"		1.40
43	Dark many garnets. Not well mineralized.	36½-39	30"		1.75
44	Ditto.	39-41	24"		nil
45	Chloritic. Fair mineralization.	41-42	12"		1.05
46	Dark. Not well mineralized.	42-44	24"		1.05
47	Garnets. Dark. Not well mineralized.	45-46½	18"		1.40
48	Dark with arsenopyrite.	46½-48	18"		1.75
49	Dark some arsenopyrite.	48-50	24"		1.05
63	Ditto.	50-52½	30"		4.20
62	Dark and fine.	52½-55	30"		3.50
61	Dark and greenish.	55-56'5	17"		8.105
85	Dark.	56'5-59	31"		2.10
86	Ditto.	59-61½	30"		0.35
87	Ditto.	61½-64	30"		nil
88	Ditto.	64-66	24"		nil
89	Ditto.	66-67'9	21"		nil
90	Dyke.	67'9-68'7	10"		nil
91	Dark and green. Fair arsenopyrite.	68'7-70	17"		11.20
92	Ditto.	70-72½	30"		6.30
93	Ditto.	72½-75	30"		1.40
64	Ditto. Slightly coarser.	75-77½	30"		nil
65	Ditto.	77½ -80	30"		nil
66	Greenish coarse quartz. Fair mineralization.	80 -82½	30"		1.40
67	Ditto. No quartz.	82½-85	30"		3.50
68	Green. Some mineralization.	85-87½	30"		nil
69-	Ditto.	87½-90	30"		0.70
70	Ditto.	90-92½	30"		nil
71	Ditto.	92½-95	30"		nil
72	Ditto.	95-97½	30"		nil
73	Ditto. Fine, Better mineralization.	97½-100	30"		nil
80	Dark.	115-117	24"		nil

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. F-2...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29481	Ditto.	118'8-120	16"		nil
82	Ditto.	120-122 $\frac{1}{2}$	30"		1.05
83	Ditto.	122 $\frac{1}{2}$ -125	30"		nil
84	Dark.	131-133	24"		1.40
85	$\frac{1}{2}$ dark. $\frac{1}{2}$ green.	133-135	24"		nil
86	Dark.	170-172	24"		nil
87	Ditto.	172-174	24"		nil
88	Dark silicious.	174-176	24"		nil
89	Dirty quartzite. Weakly mineralized.	176-178	24"		nil
90	Ditto.	178-180	24"		nil
91	Ditto.	180-182.	30"		nil
92	Ditto. Some irregular quartz veining.	182 $\frac{1}{2}$ -185	30"		0.70
93	Ditto. Coarser grained and slightly darker.	198-200	24"		0.70
94	Quartzitic with veinlets. Some mineralization.	220-222 $\frac{1}{2}$	30"		nil
95	Ditto.	222 $\frac{1}{2}$ -225	30"		0.35
96	Ditto. with many veinlets.	235-237	24"		nil
97	Ditto.	237-239	24"		nil
98	Ditto.	239-241	24"		nil
99	Ditto. with only a few veinlets.	241-243	24"		nil
29500	Ditto.	243-245	24"		nil
29601	Dark sediments.	250-252 $\frac{1}{2}$	30"		1.05
29694		252 $\frac{1}{2}$ -255	30"		nil
02	Ditto.	257 $\frac{1}{2}$ -260	30"		nil
03	Ditto. Narrow cherty bands.	268-270	24"		0.35
04	Dark.	272 $\frac{1}{2}$ -275	30"		nil
05	Dark going to finely banded green.	282 $\frac{1}{2}$ -285	30"		0.35
06	Green type.	285-287 $\frac{1}{2}$	30"		nil
07	Dark and green: Feldspar and quartz veining.	313-315	24"		0.70
08	Ditto.	315-317 $\frac{1}{2}$	30"		nil
0-5	Casing.				
5-8	Sediments, Black, fine, unaltered.				
8-17	Silicious, sericites and chloritic schist.				
	12 $\frac{1}{2}$ -13 $\frac{1}{2}$ Ground.				
	13 $\frac{1}{2}$ -15 Diorite dyke.				
17-18'4	Ground.				
18'4-27	Sediment. Dark heavily altered and well mineralized - pyrite and pyrite with some arsenopyrite Last foot granular gradational.				
27-34	Silicious. Quite well mineralized.				
	29-30'2 Dyke.				
	33-34 Chloritic.				
34-35	Ground.				
35-36 $\frac{1}{2}$	Dark chloritic schist with 8" quartz. Fair mineralization.				
36 $\frac{1}{2}$ -41	Dark sediment with many garnets. Poor mineralization.				
41-70	Dark sediments - mineralized in more altered bands.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. 3-0...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	41-42 Chloritic and mineralized.				
	44-45 Ground.				
	46 $\frac{1}{2}$ -56 $\frac{1}{2}$ Considerable fine arsenopyrite.				
	50-51 Ground.				
	51'6-52 Diorite dike.				
	67'10-68'7 Diorite dyke.				
70-80	Tuffs, sediment. Dark but fine grained. Stringers and veinlets. Some fine mineralization.				
80-105	Sediments. Greenish types.				
	80-85 Coarse and many garnets. Pyrrhotite and pyrite.				
	85-92 $\frac{1}{2}$ Medium grained.				
	92 $\frac{1}{2}$ -105 $\frac{1}{2}$ Fine grained. Fair mineralization. but decreasing.				
105 $\frac{1}{2}$ -109 $\frac{1}{2}$	Acid diorite dyke.				
109 $\frac{1}{2}$ -134	Dark sediments - Greywacke, varying in grain.				
	115-134 Alteration and mineralization intracting.				
	117-118'8 Core ground.				
134-154	Sediments. Green bands predominant and prominent.				
154-174'4	Dark; greywacke.				
	154'8-155'8 Dyke.				
174'4-250	Grey sediments; fairly dark but quite silicious. Fine pyrite and pyrrhotite. Gradually less quartzite.				
	205'3-208'6 Medium grained dark diorite dyke.				
	218-225 More stringers and veinlets.				
	227'9-232'9 Ground.				
	235-241 Stockwork of veinlets, quartz and carbonate. Pyrrhotite dominant sulphide.				
	6" diorite at 236 $\frac{1}{2}$ '				
	241-250 Stringers and veinlets common. Small amounts of pyrrhotite, pyrite and arsenopyrite.				
250-285	Dark sediments, more like that normal to previous holes. Veinlets common; small amount of sulphides.				
285-341	Sediments. Finely banded (1/8" with green bands predominant. Green dark and silicious banding. Sparsely mineralized.				
	310-316 Much irregular feldspar veining.				
	316-318 Dark grey irregular quartz veining.				
	End of hole 341'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-3 5161N
 Place Surface Location. 7080E Direction S23°E Date Oct. 1953
 Dip: Collar -45° at 200' -33°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing				
12½-161	Green, dark and siliceous - cherty banded sediments. Some garnet-iferous bands.				
161-180	Fine grained thinly banded sidements. Some slaty sections.				
180-183	Sericite Chlorite schist.				
183-200	Siliceous type sediments.				
200-202'11"	Tuffs?				
202'11"-203'5"	Dyke.				
203'5"-212	coarse green tuff.				
212-227	Dark sediments with quartz stringers and veinlets.				
227-245½	Thinly banded dark and green tuffs.				
245½-253	Coarse grained tuff? with large garnets.				
253-255½	Dark brown fine grained sediments.?				
255½-270½	Tuffs? Dense fine and uniform streaked with dark mica bands near last of section.				
270½-273'9"	diorite dyke.				
273½-290	Dark and green banded tuffs.				
290-300	Grey, fine somewhat siliceous sediments.				
END OF HOLE 300'					

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DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. .A-3...

5161 N.

Place Surface... Location .7090 A.. Direction S. 23° E.. Date Oct. 1953.

Dip: Collar -45° at 200' -33°

Sample	Description	Footage	Width	Assay	
				Oz.	Value
0 -12½	Casing				
12½ -161	Green, dark and siliceous - cherty banded sediments. Some garnetiferous bands.				Some garnet-
161 -180	Fine grained thinly banded sidement. Some slaty sections.				
180 -183	Biotite Chlorite schist.				
183 -200	Siliceous type sediments.				
200 -202'11"	Tuff?				
202'11" -203'5"	Dyke.				
203'5" -212	Coarse green tuff.				
212 -227	Dark sediments with quartz stringers and veinlets.				
227 -245½	Thinly banded dark and green tuffs.				
245½ -253	Coarse grained tuff? with large garnets.				
253 -255½	Dark brown fine grained sediments?				
255½ -270½	Tuffs: coarse fine and uniform streaked with dark mica bands near last of section.				
270½ -273'9"	Dioritic dyke.				
273½ -290	Dark and green banded tuffs.				
290 -300	Grey, fine somewhat siliceous sediments.				

End of Hole 300'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. F-3....

Logged by W.R. McQ.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29718	Dark, weakly mineralized.	12½-15	30"		0.70
29979		15-17½	30"		nil
29719	Ditto.	17½-20	30"		nil
29980		20-22½	30"		0.35
81		22½-25	30"		0.70
29720		25-27½	30"		nil
82		27½-30	30"		nil
83		30-32½	30"		nil
84		32½-35	30"		nil
85		35-37½	30"		nil
86		37½-40	30"		nil
87		40-42½	30"		nil
88		42½-45	30"		nil
89		45-48	36"		nil
29721	Ditto.	48-50	24"		nil
9990-99		50-75			nil
30000		75-77½	30"		nil
9763-65		77½-85			nil
29766		85-87½	30"		0.35
29767-69		87½-95			nil
29770		95-97½	30"		0.35
29771-74		97½-107½			nil
29722		107½-110	30"		0.70
29723	Ditto.	110-112½	30"		nil
29775-79		112½-125			nil
29780		125-127½	30"		0.70
81		127½-130	30"		2.80
82		130-132½	30"		nil
83		132½-134'5	23"		nil
29724	Quartz.	134'5-136'2	21"		1.08
84		136'2-138½	28"		nil
85		138½-140	18"		nil
25	Dark; garnets irregular quartz vein-				
	ing. Fair mineralization.	140-142	24"		1.05
26	Dark with garnets and fair arsenopyrite.	142-144	24"		0.70
27	Ditto.	144-145½	18"		nil
29786-90		145½-156	24"		nil
29728	Dark with green weak mineralization	156-159	24"		0.35
91		158-159	12"		0.70
29	Ditto. Well mineralized.	159-161	24"		0.70
30	Fine cherty banded. Fair mineralization.	161-164	36"		nil
29731-34	Ditto.	165-175			nil
35	Ditto.	175-177½	30"		0.70
36	Ditto.	177½-180	30"		0.35
37	Serafite. chlorite.	180-183	36"		0.35

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. .F.3...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Gz.	Value
29738	Silicious, Well mineralized.	183-185	24"		0.35
39	Ditto.	185-186	9 21"		0.35
40	Mostly dark. Some quartz. Much arsenopyrite.	186'9-188	17"		0.70
41	Silicious well mineralized.	188'2-190	22"		3.15
42	Ditto.	190-191	10 22"		3.85
43	Dyke.	191'10-193	14"		nil
44	Silicious well mineralized.	193-195	24"		8.40
45	Ditto.	195-197	30"		17.15
46	Ditto.	197 $\frac{1}{2}$ -200	30"		12.95
52	Dark well mineralized.	200-202	11 35"		1.05
53	6" dike. Dark and green not well mineralized. Epidote.	202'11-205	31"		0.35
54	Ditto.	205 $\frac{1}{2}$ -208	30"		1.40
92		208-210	24"		1.75
93		210-212	30"		1.40
94		212 $\frac{1}{2}$ -215	30"		3.50
95		215-217	30"		0.70
96		217 $\frac{1}{2}$ -220	30"		0.35
55	Dark.	220-222	30"		1.75
97		222 $\frac{1}{2}$ -224	18"		1.40
98		224-226	30"		0.70
99		226 $\frac{1}{2}$ -229	30"		4.90
29800		229-230	12"		1.05
29756	Dark and green banded.	230-232	30"		0.35
29534		232 $\frac{1}{2}$ -235	30"		nil
29535		235-237	30"		nil
36		237 $\frac{1}{2}$ -240	30"		nil
29757	Ditto.	240-242	30"		nil
29537		242 $\frac{1}{2}$ -245	36"		nil
29758	Green with garnets and pyrrhotite.	245 $\frac{1}{2}$ -248	30"		nil
59	Ditto.	248-250	30"		nil
60	Ditto.	250 $\frac{1}{2}$ -253	30"		nil
61	Dark brown and mineralized. Arsenopyrite.	253-255	30"		nil
62	Green massive.	255 $\frac{1}{2}$ -258	30"		nil
29538		258-260	24"		nil
29539-54		260-300			nil
0-12 $\frac{1}{2}$	Casing.				
12 $\frac{1}{2}$ -120	Sediment green with dark and silicious bands, white sections with pyrrhotite, pyrite and arsenopyrite. In places 1/8" to 1/4" cherty band. Stringers of quartz carbonate common. In general comparatively unaltered and minor mineralization. Amphibole crystals in places.				coarse
	89'3-91'4 Brown and dark with silicious setting. Pyrite and pyrrhotite.				
	107'6-112'6 Acid diorite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-3...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
120-161	Dark sediments with many green bands. 134'6-135'3 Bluish grey quartz. Minor mineralization. 140-145'6 Sprinkled with 1/8" garnets. Arsenopyrite mineralization. A little pyrite and pyrrhotite especially in the quartz around 141'. 145'6-147'3 Acid diorite. 158-159 Dyke. 159-161 Becoming finer grained. Quite well mineralized. Arsenopyrite etc.				
161-180	Sediments fine grained, thin banded. Dark with many cherty bands (all narrow) Fairly well mineralized with pyrrhotite, pyrite and xxx arsenopyrite. 164-165 Ground.				
180-183	Sericite chlorite schist. Not as well mineralized as rock on either side.				
183-200	Silicious type. Well mineralized with pyrite mostly minor pyrrhotite and arsenopyrite. 191'10-193 Dyke.				
200-202'11	Dark sediments. Fairly well mineralized.				
02'11203'5	Dyke.				
203'5-212	Greywacke; quite coarse. Epidote, etc. Not well mineralized.				
212-227	Dark sediments. Stringers and veinlets common. Generally poorly mineralized. 217'7-218'4 Dyke.				
227-245 $\frac{1}{2}$	Dark and green banded thinly.				
245 $\frac{1}{2}$ -253	Coarse grained with large garnets and well mineralized with pyrrhotite etc.				
253-255 $\frac{1}{2}$	Dark brown. Fair arsenopyrite. Fine grained.				
255 $\frac{1}{2}$ -270 $\frac{1}{2}$	Green bedded. Dense fine and uniform. Streaked with dark mica bands near end.				
270 $\frac{1}{2}$ -273'9	Acid diorite dyke.				
273'9-390	Dark and green sediments.				
290-300	Sediments grey and quite fine. On silicious side. Narrow cherty bands				
	End of hole 300".				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA
Koval-Ohman Option

Hole No. D.D. E-4

5075N

Place Surface Location 6902E Direction S23°E Date Oct. 1953

Dip: at collar -45° at 200' -33°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-11	Casing				
11-135	Dark and green banded sediments? tuffs?. Relatively coarse grained with garnetiferous bands.				
135-154	Generally fine grained sediments.- mostly dark thinly banded greywack				
154-180	Siliceous sediments.				
180-187	Medium grained dark altered tuff with many small garnets.				
187-189½	Sericite chlorite schist.				
189½-237	Dark and green banded tuff.				
237 -241'4"	Dioritic dyke.				
241'4"-244	Breccia zone with much irregular quartz.				
244-253	Green fine grained tuff.				
253-286½	Green and dark banded tuff.				
286½-287½	Dioritic dyke.				
287½-300	Brown medium grained sediments with narrow garnetiferous bands				
300-316	Rhyolite? fractured and altered with veinlets of quartz - carbonate.				

END OF HOLE 316'

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DIAMOND DRILL REPORT.

HASAGA

Kovai-Uhuan Option

Hole No. D.D. A-4...

5075 N.

Place Surface.. Location 6902 A.. Direction N. 23° E.. Date Oct. 1953.

Dip: at collar -45° at 200' -33°

Sample	Description	Footage	Width	Assay	
				Oz.	Value
0 - 11	Casing				
11 - 135	Dark and green banded sediments? tuffs? Relatively coarse grained with garnetiferous bands.				
135 - 154	Generally fine grained sediments - mostly dark thinly banded greywacke.				
154 - 180	Siliceous sediments.				
180 - 187	Medium grained dark altered tuff with many small garnets.				
187 - 189 1/2	Sericite chlorite schist.				
189 1/2 - 237 1/2	Dark and green banded tuff.				
237 1/2 - 241 1/4	Dioritic dyke.				
241 1/4 - 244	Breccia zone with much irregular quartz.				
244 - 253	Green fine grained tuff.				
253 - 286 1/2	Green and dark banded tuff.				
286 1/2 - 287 1/2	Dioritic dyke.				
287 1/2 - 300	Brown medium grained sediments with narrow garnetiferous bands.				
300 - 316	Rhyolite? fractured and altered with veinlets of quartz - carbonate.				

End of Hole 316'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Core No. D.D. ..E-4...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29817	Dark.	140-141 $\frac{1}{2}$	18"		nil
18	Dark with cherty bands.	141 $\frac{1}{2}$ -144	30"		nil
19	Ditto.	144-147	36"		nil
20	Ditto.	148-150	36"		1.05
21	Ditto.	150-152	24"		6.65
22	Ditto.	152-154	24"		8.55
23	Silicious, fair mineralization.	154-156 $\frac{1}{2}$	30"		1.40
24	Ditto.	156 $\frac{1}{2}$ -159	30"		1.05
25	Ditto.	159-161 $\frac{1}{2}$	32"		4.90
26	Dyke.	161 $\frac{1}{2}$ '8-163	16"		nil
27	Silicious. Fair mineralization.	163-165	24"		2.80
28	Ditto.	165-167 $\frac{1}{2}$	30"		1.75
29	Ditto.	167 $\frac{1}{2}$ -170	30"		4.20
30	Ditto.	170-172 $\frac{1}{2}$	30"		1.40
31	Ditto.	172 $\frac{1}{2}$ -175	30"		nil
32	Ditto.	175-177 $\frac{1}{2}$	30"		1.05
33	Ditto.	177 $\frac{1}{2}$ -180	30"		nil
34	Dark.	180-182 $\frac{1}{2}$	30"		1.75
35	Ditto.	182 $\frac{1}{2}$ -185	30"		1.75
36	Ditto.	185-187	24"		0.70
37	Sericite-chlorite.	187-189 $\frac{1}{2}$	30"		0.70
38	Dark.	189 $\frac{1}{2}$ -192 $\frac{1}{2}$	36"		nil
39	Ditto.	192 $\frac{1}{2}$ -195	30"		nil
40	Dark and green.	195-197 $\frac{1}{2}$	30"		nil
41	Ditto.	197 $\frac{1}{2}$ -200	30"		nil
42	Dark green.	214-216	24"		nil
43	Ditto.	220-222	24"		nil
44	Breccia zone.	241 $\frac{1}{2}$ '4-244	32"		nil
45	Green.	244-247	36"		nil
46	Ditto.	247-250	36"		nil
47	Quartzite.	300-303	36"		nil
48	Ditto.	303-305	30"		2.45
49	Ditto.	305 $\frac{1}{2}$ -308	30"		4.55
50	Ditto.	308-310	30"		1.75
51	Ditto.	310 $\frac{1}{2}$ -313	30"		nil
52	Ditto.	313-316	36"		0.70
0-11	Casing.				
11-135	Sediments, dark and green banded. Relatively coarse grained. Bands with large garnets. Quartz epidote irregular veining to 25' with pyrrhotite.				
	44'5-45 Dioritic dyke.				
	45-47 Coarse grained amphibole.				
	50'9-51'8 Dyke.				
	61'2-63' Dyke.				
	96'3-97'9 Acidic diorite dyke. Fine grained.				
	99-100 Diorite dyke. Coarse grained.				
	107 $\frac{1}{2}$ -110 $\frac{1}{2}$ Large garnets.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. F-4...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
135-141½	124-125 Diorite. Dark sediments. Fine grained. Thinly banded greywacke. Weakly mineralized.				
141½-154	Sediments, fine mostly dark but many narrow whitish-grey cherty bands. Pyrrhotite and pyrite mineralization. 150-154 Becoming more silicious and better mineralized.				
154-180	Silicious zone. Generally not as well mineralized as previous hole Much graphite around 159'. 161'8-163 Diortie.				
180-187	Dark altered sediments. Medium grained. Many small garnets. Fine mineralization. Arsenopyrite not prominent.				
187-189½	Sericite chlorite schist. Fair pyrite and pyrrhotite.				
189½-195	Dark sediments. Weakly mineralized.				
195-237'9	Dark and green banded sediments. 206'6-207'6 Dyke. 234'-234'9 Dyke.				
237'9-241'4	Acid diorite dyke.				
241'4-244	Breccia zone. Much irregular dark quartz. All well mineralized with pyrrhotite.				
244-253	Green sediments. Fine grained. Mineralization near start - mostly pyrrhotite.				
253-286½	Green and dark banded. Medium grained.				
286½-287½	Dyke. Acid diorite.				
287½-300	Brown sediments. Medium grained schist section coarse grained. with garnets. Odd narrow cherty bands.				
300-316	Quartzitic dark. Similar to that drilled on top of hill by X-ray. Many veinlets of quartz carbonate. Rock well mineralized with pyrite and pyrrhotite.				
	End of hole 316'.				

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. . .E-5...

4737N

Place . Surface . . Location. 7163E..... Direction N23W..... Date Oct. 1953....

Dip: collar -53° 200' -44° 430' -35°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-5	Casing				
5-14½	Quartzite, cherty and slaty banded.				
14½-84	Green and dark thinly banded tuff.				
84-107	Dark brown banded sediments.				
107-197	Brown, fine, uniform, sometimes siliceous sediments - possibly altered rhyolite.				
197-241	Medium grained green and dark banded tuff.				
241-242½	Diotitic dyke.				
242½-266	Sediments - dark grey brown with siliceous sections.				
266-354'4"	Green and dark banded sometimes garnetiferous tuff.				
354'4"-378	Siliceous type sediments.				
378-389	Sediments - slate and greywacke with narrow cherty bands				
END OF HOLE 389'					

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DIAMOND DRILL REPORT,
 HASAGA
 Koval-Ohran Option

Hole No. D.D. X-5

4737 N.

Place Surface Location 7163 E. Direction N 23 W. Date Oct. 1963.

Dip Collar -53° 200' -44° 430' -35°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 5	Casing				
5 - 14 1/2	Quartzite, cherty and slaty banded.				
14 1/2 - 84	Green and dark thinly banded tuff.				
84 - 107	Dark brown banded sediments.				
107 - 197	Brown, fine, uniform, sometimes siliceous sediments - possibly altered rhyolite.				
197 - 241	Medium grained green and dark banded tuff.				
241 - 242 1/2	Dioritic dyke.				
242 1/2 - 266	Sediments - dark grey brown with siliceous sections.				
266 - 354 1/4	Green and dark banded sometimes garnetiferous tuff.				
354 1/4 - 378	Siliceous type sediments.				
378 - 389	Sediments - slate and greywacke with narrow cherty bands.				
End of Hole 389'.					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Hole No. D.D. ...E-5...

Logged by W.R. McQ

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29853	Cherty slaty.	5-7 $\frac{1}{2}$	30"	nil	
54	Ditto.	7 $\frac{1}{2}$ -10	30"	nil	
55	Dark.	21-24	36"	nil	
56	Dark with much white quartz.	27-39	24"	nil	
57	Ditto.	39-41 $\frac{1}{2}$	30"	nil	
58	Very dark and fine.	155 $\frac{1}{2}$ -158	30"	nil	
59	Fine and silicious.	250-252 $\frac{1}{2}$	30"	nil	
60	Ditto.	252 $\frac{1}{2}$ -255	30"	nil	
61	Ditto.	255-257 $\frac{1}{2}$	30"	0.70	
62	Dark well mineralized. Arsenopyrite etc.	297 $\frac{1}{2}$ -300	30"	nil	
63	Ditto.	300-303'5	41"	nil	
64-	Garnets and pyrrhotite.	303'5-306	31"	0.70	
65	Dark. Some mineralization.	320-322 $\frac{1}{2}$	30"	nil	
66	Ditto.	322 $\frac{1}{2}$ -325	30"	nil	
67	Ditto.	325-327 $\frac{1}{2}$	30"	9.45	
68	Ditto.	327 $\frac{1}{2}$ -330	30"	6.30	
87	Ditto.	330-332 $\frac{1}{2}$	30"	nil	
88	Ditto.	332 $\frac{1}{2}$ -335	30"	0.70	
89	Ditto.	335-337 $\frac{1}{2}$	30"	nil	
90	Ditto.	337 $\frac{1}{2}$ -340	30"	0.35	
69	Dark fair mineralization.	350-352	24"	nil	
70	Ditto. Well mineralized.	352-354'4	28"	nil	
71	Silicious. Similar bands. Fair mineralization.	354'4-357	32"	2.10	
72	Ditto.	357-360	36"	9.10	
73	Silicious.	360-362 $\frac{1}{2}$	30"	3.85	
74	Ditto.	362 $\frac{1}{2}$ -365	30"	1.05	
75	Ditto.	365-368	36"	2.45	
76	Quartz.	371'9-372'9	12"	3.15	
77	Silicious (Dyke 5")	372'9-375	27"	2.80	
78	Ditto.	375-378	36"	4.20	
79	Greywacke with cherty bands.	378-381	36"	nil	
80	Ditto. 13" dyke.	381-384	36"	nil	
81	Ditto.	384-386 $\frac{1}{2}$	30"	nil	
82	Ditto.	386 $\frac{1}{2}$ -389	30"	nil	
0-5	Casing.				
5-14 $\frac{1}{2}$	Cherty sediments. Quartzite cherty, silaty and dark bands. Streaks of mineralization - pyrite, pyrrhotite and arsenopyrite.				
14 $\frac{1}{2}$ -21	11'5-12'2 Dyke.				
21-50	Dark and green with prominent garnets.				
	Dark sediments. Many green streaks and bands mostly epidote and quartz stringers.				
	35-46 Much irregular white quartz veining. Minor mineralization.				
50-84	Sediments; green with dark and silicious bands. Thinly banded.				
84-107	Sediments, brown (dark) banded with little variation in bands.				

PICKLE CROW GOLD MINES LTD,
DIAMOND DRILL REPORT.

Hole No. D.D. ..E-5..

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
107-197	Medium grained. Sediments, Brown as last but fine and uniform. Somewhat silicious or quartzitic.				
129 ¹ -197	Sediments--Brown Considerable irregular white quartz veining				
141-142	Darker. Brownish color given away to a grey-black.				
197-221	Green and dark sediments. Medium grained.				
	211-218 Ground.				
	218-219 Dyke.				
221-225	Dark sediments. Some green banded.				
225-241	Dyke; diorite.				
241-242'3	Dyke; diorite.				
242'3-266	Sediments; dark grey-brown fine and uniform. Quite silicious in place. Somewhat similar to 107'-197' May be same as zone on hill.				
266-294'4	Green and dark sediments.				
294'4-297'6	Diorite dyke.				
297'6-303'5	Dark sediments. Quite well mineralized.				
303'5-354'4	Dark with some green bands to 306' coarse with large garnets and much pyrrhotite.				
	346'10-347'9 Dyke.				
354'4-378	Silicious sediments.				
	355 ¹ / ₂ 4" dyke.				
	354'4-360 Considerable dark dark material. Fairly well mineralized.				
	368-371'9 Ground.				
	371'9-372'9 White quartz.				
	374 5" dyke.				
378-389	Dark. Greywacke with narrow cherty bands. Streaks of pyrrhotite with some pyrite.				
	381-382'1 Dyke.				
	End of hole 389'.				

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-6

4776.0 N

Place Surface . . . Location . . 7255E Direction . . . N22W Date Oct. 1953

Dip: at 0' -55° at 200' -47° at 425' -38°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-15	Casing				
16-29	Dark brown fine grained sediments.				
29-100	Green and dark banded sediments with irregular quartz veining.				
100-135	Sediments. Brown with a few siliceous and green bands.				
135-140	Dark, fine, uniform sediments.				
140-150	Sediments. Brown with siliceous and cherty bands.				
150-225	Dark grey-brown sediments with short sections of dark chert and slate.				
225-245	Green and siliceous banded sediments.				
245-254	Green and dark banded sediments.				
254-274	Green and dark coarse grained sediments.				
282-307'4"	Sediments as 254'-274'				
307'4"-311'8"	Diorite dyke.				
311'8"-325'6"	Dense massive green band.				
325'6"-329	Breccia zone. Much irregular quartz - Large garnets. Heavy pyrrhotite and some pyrite.				
329-351'2"	Dark with green and cherty bands.				
351'2"-382½	Dark fairly siliceous sediments.				
382½-402	Siliceous zone - some sections with much irregular quartz veining.				
402-407½	Cherty and slaty sediments with some siliceous bands.				
407½-413	Fine dark sediments.				
413-432	Dark and green banded sediments.				

END OF HOLE 432'

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DIAMOND DRILL REPORT.

HASAGA

Kival-Claman Option

Hole No. D.D. 4776.05

9-48-104

Place SURF... Location 7255... Direction N. 22. W... Date 09/1953.

Dip at 0' -55° at 200' -47° at 425' -38°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 -15	Casing				
16 -29	Dark brown fine grained sediments.				
29-100	Green and dark banded sediments with irregular quartz veining.				
100-135	Sediments. Brown with a few siliceous and green bands.				
135-140	Dark, fine, uniform sediments.				
140-150	Sediments. Brown with siliceous and cherty bands.				
150-225	Dark grey-brown sediments with short sections of dark chert and slate.				
225-245	Green and siliceous banded sediments.				
245-254	Green and dark banded sediments.				
254-274	Green and dark coarse grained sediments.				
282-307'4"	Sediments as 254' - 274'.				
307'4"-311'8"	Dioritic dyke.				
311'8" - 325'6"	Dense massive green band.				
325'6"-329	Breccia zone. Much irregular quartz - Large garnets. Heavy pyrrhotite and some pyrite.				
329-351'2"	Dark with green and cherty bands.				
351'2"-382½	Dark fairly siliceous sediments.				
382½-402	Siliceous zone - some sections with much irregular quartz veining.				
402-407½	Cherty and slaty sediments with some siliceous bands.				
407½-413	Fine dark sediments.				
413-432	Dark and green banded sediments.				

End of Hole 432'.

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Hole No. D.D. 2776 N

Logged by W.R. McQ.

Place Location 72555 Direction 425 Date

110 0'-55" 200' -47" 425' -33"

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29883	Brown, fine and uniform.	135-137 $\frac{1}{2}$	30"	nil	
84	Ditto.	137 $\frac{1}{2}$ -140	30"	nil	
91		140-142	24"	nil	
85	Silicious and cherty bands. Stringers and veinlets.	142-144 $\frac{1}{2}$	30"	nil	
86	Ditto.	144 $\frac{1}{2}$ -147	30"	nil	
96		147-150	36"	nil	
95-	Ditto.	180-183	36"	nil	
92	Dark brown and uniform. Fine. Weakly mineralized.	190-193	36"	nil	
93	Ditto.	193-196	36"	nil	
94	Ditto.	222 $\frac{1}{2}$ -225	30"	nil	
97	Fine band. Weakly mineralized. Fairly silicious.	268 $\frac{1}{2}$ -270	27"	nil	
98	Breccia zone.	325 $\frac{1}{2}$ -329	42"	nil	
99	Dark with green.	329-331 $\frac{1}{2}$	30"	nil	
29900	Dark with about cherty bands.	347-350	36"	2.45	
01	Dark	350-351	14"	0.70	
02	Dark. Well mineralized. Arsenopyrite	351'2-353	22"	13.65	
03	Ditto.	353-355	24"	27.30	
04	Ditto.	355-357 $\frac{1}{2}$	30"	22.05	
05	Ditto.	357 $\frac{1}{2}$ -360	30"	15.05	
06	Ditto. Silicious section.	360-362 $\frac{1}{2}$	30"	12.25	
07	Ditto.	362 $\frac{1}{2}$ -365	30"	11.20	
08	Ditto. 5" white quartz.	365-367 $\frac{1}{2}$	30"	4.90	
09	Ditto.	367 $\frac{1}{2}$ -370	30"	14.70	
10	Ditto.	370-371	19"	5.95	
11	Dike.	371'7-372	13"	nil	
12	Dark and well mineralized.	372'8-375	28"	nil	
13	Dark. Garnets. Pyrrhotite.	375-377 $\frac{1}{2}$	30"	1.75	
14	Dark silicious. Pyrite and pyrrhotite.	377 $\frac{1}{2}$ -380	30"	1.80	
15	Large garnets. Pyrrhotite and pyrite Arsenopyrite.	380-381	12"	5.25	
16	Ditto. Streaks of coarse arsenopyrite	381-382 $\frac{1}{2}$	18"	15.40	
17	Silicious with much irregular quartz veining. Pyrrhotite and pyrite.	382 $\frac{1}{2}$ -384	22"	1.05	
18	Dike.	384'4-385	8"	0.70	
19	Silicious. Grey quartz veining. Pyrrhotite and pyrite. On contact arsenopyrite.	385-386	12"	5.60	
20	Silicious. Fine pyrite	386-388	24"	2.80	
21	Ditto.	388-390	24"	0.70	
22	Dark. Irregular quartz. Pyrrhotite and pyrite.	390-392	24"	1.75	
23	Dark. Pyrrhotite and pyrite. Coarse grains of arsenopyrite.	392-394	24"	nil	

PIUKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-6...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29542	Dark. Much coarse arsenopyrite.	394-395'3	15"		nil
25	Almost massive, fine pyrite in replacement of fine band.	395'3-398	33"		2.80
26	Silicious dark. Heavy pyrite etc.	398-400	24"		0.70
27	Ditto.	400-402	24"		1.40
28	Cherty and slaty banded. Streaky mineralization.	402-404	24"		nil
29	Ditto.	404-405	23"		nil
30	Dike.	405'11-407	13"		nil
31	Fine and dark.	407-410	36"		nil
32	Green and dark. Quartz. Pyrrhotite.	427-429	24"		nil
33	Green and dark.	429-432	36"		nil
0-16	Casing.				
16-29	Sediment; dark brown fine grained and uniform.				
29-100	Sediment; green and dark banded; medium grained. Irregular quartz veining common.				
100-135	Sediment. Brown with a few silicious and green bands. Comparitively uniform.				
135-140	Sediments. Dark and uniform. Weak mineralization.				
140-150	Sediments. Brown with silicious and cherty bands. Stringers and veinlets of quartz and epidote. Uniform.				
150-225	Sediments. Dark grey-brown, fine and uniform. Short sections with dark chert and slate.				
	196-198'10 Diorite dyke.				
225-245	As at last but with narrow green and silicious bands.				
245-254	Sediments. Green with some dark bands. Odd cherty bands.				
254-274	Sediments. Green and dark banded finely but coarse grained.				
274-282	Fine and brown. Uniform.				
282-307'4	Sediment. As 254-274. Last five feet becoming much finer grained.				
07'4-311'8	Diorite dyke.				
11'8-325'6	Green band. Dark massive and uniform. Banding towards ends.				
25'6-329	Breccia zone. Much irregular quartz. Large garnets. Silicifications. Heavy pyrrhotite, some pyrite.				
329-351'2	Dark with green and cherty bands.				
	340'6-342'9 Ground.				
51'2-382'6	Dark sediments as in trenches and X-3. Well mineralized with arsenopyrite and pyrite - the latter not prominent. Fairly silicious around x 362'.				
	371'7-372'8 Dyke.				
	375-380 Becoming quite silicious. Much pyrrhotite in first 2'. Scattered large garnets. (1/8")				
	380-382 1/2 Garnets up to 3/4". Much pyrrhotite. Good sized pin head of gold in a large garnet remnent.				
32'6-402	Silicious zone.				
	382'6-384'4 Much irregular quartz veining. Much pyrrhotite etc.				
	384'4-385 Dyke.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-6...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	385-390 Silicious. Well mineralized with fine pyrite. Much irregular quartz to 380 with pyrrhotite, arsenopyrite an contact.				
	390-392 Dark with silicious bands and much irregular quartz veining. Pyrrhotite and pyrite.				
	392-395'3 Dark and coarse. Coarse grained arsenopyrite prominent.				
	395'3-398 Fine banded now almost massive fine pyrite. Looks like chlorite-sericite band replaced.				
402-407½	398-402 Silicious. Heavily mineralized. Pyrite etc. Sediments. Comparitively fresh. Cherty and slaty bands with dark and silicious bands. Streak of pyrrhotite and pyrite.				
07½-413	405'11-407 Dyke. Sediments. Quite fine and dark. Uniform.				
413-432	Sediments. Dark and green banded. Considerable irregular quartz arou: 428' with pyrrhotite near contacts.				
	End of hole 432'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-10...

4679N

Place Surface... Location. 7510E..... Direction N22W..... Date.....

Dip: 0' -65°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-9	Casing				
9-12	Andesitic greenstone.				
21-44	Dark siliceous and slaty sediments.				
44-65½	Andesitic carbonated greenstone.				
65½-104½	Dark siliceous sediments with slate and cherty bands.				
104½-156½	Andesitic greenstone.				
156½-175'8"	Grey siliceous sediments, with brown micaceous bands.				
175'8"-193	Heavily altered greenstone.				
193-211	Brown, fine to medium grained sediments.				
211-217½	Banded green tuff?				
217½-222	Dark siliceous sediment.				
222-237'8"	Greenstone.				
237'8"-250	Brown siliceous sediment intruded by porphyritic rhyolite.				
250-302	Green and brown banded tuffs.				
302-312	Slaty and cherty sediments.				
312-323	Green and dark tuffs.				
323-351	Generally dark grey sediments.				
351-386½	Green and dark tuffs.				

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DIAMOND DRILL REPORT.

HAIJAGA

Koval-Chaman Option.

Hole No. D.D. .L.10..

Place Surface.... Location ..7510.E.. Direction .N.22.W... Date

Dip: 0° -65°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-9	Casing.				
9-21	Andesitic greenstone.				
21-44	Dark siliceous and slaty sediments .				
44-65½	Andesitic carbonated greenstone.				
65½-104½	Dark siliceous sediments with slate and cherty bands.				
104½-156½	Andesitic greenstone.				
156½-175'8"	Grey siliceous sediments, with brown micaceous bands.				
175'8"-193	Heavily altered greenstone.				
193-211	Brown, fine to medium grained sediments.				
211-217½	Banded green tuff?				
217½-222	Dark siliceous sediment.				
222-237'8"	Greenstone.				
237'8"-250	Brown siliceous sediment intruded by porphyritic rhyolite.				
250-302	Green and brown banded tuffs.				
302-312	Slaty and cherty sediments.				
312-323	Green and dark tuffs.				
323-351	Generally dark grey sediments.				
351-386½	Green and dark tuffs.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. 25-10 7-9...

1679 N

Place Location 7510 E Direction Date

Sample	Description	Footage	Width	Assay
				Oz. IV. e
30088	Dark silicious.	21-23	24"	nil
89	Slaty and cherty, Pyrite.	23-25	24"	nil
90	Ditto.	25-27½	30"	nil
91	Ditto.	70'10-73	26"	nil
33688	Porphyritic rhyolite (white feldspar phenocrysts) Fair pyrrhotite.	239-242'10	46"	2.10
30101	Fine brown; some pyrrhotite and pyrite	295-297	24"	nil
02	Coarse amphibolitic and garnet. Pyrrhotite.	297-300	36"	1.40
30092	Dark and silicious.	325-327½	30"	nil
93	Ditto.	337½-340	30"	nil
94	Ditto.	345-347½	30"	nil
95	Dark grey and silicious.	421-424	36"	nil
30103	Dark with silicious.	605-607½	30"	0.35
04	Dark with a little green.	625-627½	30"	nil
05	Ditto.	627½-630	30"	nil
06	Ditto.	630-632½	30"	nil
07	Ditto.	632½-635	30"	0.70
08	Ditto.	635-638	36"	nil
09	Dark. Well mineralized.	638-640	24"	0.70
10	Ditto.	640-642½	30"	nil
11	Ditto.	642½-645	30"	1.05
12	Ditto.	645-647	24"	5.25
13	Ditto.	647-648'10	22"	1.40
14	Sericite - chlorite.	648'10-651	26"	1.40
15	Ditto. Pyrrhotite.	651-653½	30"	nil
16	Ditto. Streak of chalcopyrite.	653½-656	30"	nil
17	Dark. Fair mineralization.	656-658	24"	0.70
18	Ditto.	658-660	24"	0.70
20	Near massive arsenopyrite.	661'7-662'4	9"	1.05
30100	Ditto.	472½-475	30"	nil
30099	Rhyolite.	462½-465	30"	0.70
98	Sediments.	454-456	24"	nil
97	Rhyolite.	446-449	36"	nil
96	Dark silicious.	430-432	24"	nil
30119	Silicious and dark. Fair mineralization.	660-661'7	19"	0.35
21	Silicious.	662'4-665	32"	1.75
22	Ditto.	665-667½	30"	nil
23	Dark arsenopyrite first foot.	667½-670	30"	1.05
24	Dark.	670-672	24"	nil
0-9	Casing.			
9-21	Greenstone, andesitic. Medium grained, dark green. Tuffs (?)			
21-44	Sediments. dark silicious and slaty. Considerable pyrite following bedding. Garnets at 42'.			
44-55½	Greenstone, Andesitic; well altered, chloritized and carbonated. May be tuffs.			

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. ^{E-10} ~~E-9~~

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
65½-104½	Sediments, silicious dark with slate and cherty bands. 68'3-70'10 Greenstone tuffs? 75-97 Brown, massive bands now prominent in with the rest. Gradually coarser grained with less slaty material. 84-87 Greenstone. Tuffs?				
104½-156½	Greenstone, andesitic. First contact appears chilled. Amphibolitic phenocrysts.				
156½-175'8	Sediments. Grey silicious with brown, micaceous bands, gradually becomes more brownish as a whole with grey silicious background.				
175'8-193	Greenstone; heavily altered; chloritized and carbonatized.				
193-211	Sediments, brown, fine to medium grained; some silicious and cherty banding. near last. Also minor green bands. (tuffs?) up to several inches.				
211-217½	Banded (?) green. Outside of banding is as the greenstone above. Tuff (?)				
217½-222	Sediment, silicious dark.				
222-237'8	Greenstone. Garnets near start and 227'. Andesites but probably tuffs				
237'8-250	230-232 Banded.				
237'8-250	Sediments, brown and silicious. 238'10-242'9 Rhyolite porphyry. Intusive.				
250-302	Tuffs. Green and brown. Some sections with silicious banding. 297-302 Fairly coarse with large garnets and a few streaks of pyrrhotite.				
302-312	Sediments. Slaty and cherty.				
312-323	Tuffs. Green and dark with dark silicious bands up to several inches or more.				
323-351	Sediments. Mostly dark grey, - dark silicious with dark bands. Odd cherty bands. Medium grained.				
351-386½	Tuffs. Green and dark.				
386½-432	Sediments. Grey and brown generally quite silicious. Cherty bands common from 395-400. Finer grained and somewhat more silicious after 404'. 424' 8" dyke.				
432-489'8	Rhyolite flow or intusive. Fractured. With more alterations could be same as 'B' zone. Some fine pyrite. Arsenopyrite (?) around 447'. 452'6 -453'11 Dyke. 453'11-456 Sediments.				
489'8-507	Sediments. Dark brown fairly fine and roughly uniform. Could be a sheared and altered rhyolite.				
507-511	Diorite dyke.				
511-537	Sediments; dark grey brown. Fairly uniform. Fine to medium. grained. A few green bands around 529' and near last.				
537-557½	Sediments-Tuffs? Green and dark banded.				
557½-560'5	Diorite dyke.				
560'5-600	Sediments, varying; fine brown to grey silicious to medium grained with garnets. A few cherty bands. 597-600 Coarse amphibole and garnets. Some massive streaks of pyrrhotite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

E-10

Hole No. D.D. E-9

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
600-638	Sediments, -tuffs? Dark medium grained amphibole. Sparsely mineralized. 632'8-633'8 Dyke.				
638-648'10	Sediments-tuffs? Dark and well mineralized;				
648'10-656	Sericite-chlorite schist. 648' 4" dyke. Not well mineralized.				
656-661	Dark and heavily altered. Fair min. alization. Pyrrhotite etc.				
661-672	Dark and altered. Fairly well mineralized - pyrrhotite etc. Arsenopyrite in first foot.				
672-687	Sediments tuffs? Green and dark. End of hole 687'. 311 12				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-17 4681N
 Place Surface Location. 6389E Direction N25W Date July, 1954
 Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-6	Casing				
6-14	Fine grained amphibolitic tuff?				
14-22	Grey sediment with quartz stringers.				
22-26½	Dyke.				
26½-55	Dark sediment.				
55-78	Fine grained grey sediment.				
78½-97'8"	Darker sediment with narrow garnetiferous bands.				
97'8"-99	Dyke.				
99-115	Dark sediment.				
115-125	Light sediment with cherty bands.				
125-175	Brown and green banded sediment? tuff?				
175-203	Brown sediments.				
END OF HOLE 203'					

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DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. K-17...

4681 N.

Place ~~Surface~~... Location ~~6289 N.~~ Direction ~~N. 25 W.~~ Date July 1954.

Dip: 0° - 30°

Sample No.	Description	Footage	Width	Ass.	
				Oz.	Value
0-6	Casing				
6-14	Fine grained amphibolitic tuff?				
14-22	Grey sediment with quartz stringers.				
22-23½	Dyke.				
26½-55	Dark sediment.				
55-78	Fine grained grey sediment.				
78½-97'8"	Darker sediment with narrow garnetiferous bands.				
97'8"-99	Dyke.				
99-115	Dark sediment.				
115-125	Light sediment with cherty bands.				
125-178	Brown and green banded sediment? tuff?				
175-203	Brown sediments.				

End of Hole 203'.

TICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Hole No. D.D. E-17.....

Place Surface/... Location 4681.2 N
 Elevation 6388.6 E Direction N25W.... Date July 12/54
 Dip: 0'-30° 190' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31101		24-262	24"	nil	
02		26-28	24"	nil	
03		28-30	24"	nil	
04		30-32	24"	nil	
05		32-34	24"	nil	
06		34-36	24"	nil	
07		36-38	24"	1.05	
08		38-40	24"	nil	
09		40-42	24"	nil	
10		42-44	24"	nil	
11		44-46	24"	nil	
12		46-48	24"	nil	
13		48-50	24"	nil	
14		50-52	24"	5.95	
15		52-54	24"	4.90	
16		54-56	24"	5.95	
17		56-58	24"	4.20	
18		58-60	24"	8.40	
19		60-62	24"	5.60	
20		62-64	24"	nil	
21		64-66	24"	nil	
22		66-68	24"	nil	
23		68-70	24"	nil	
24		70-72	24"	nil	
25		72-74	24"	nil	
26		74-75	12"	nil	
27		75-77	24"	nil	
28		77-79	24"	nil	
29		79-81	24"	nil	
30		81-83	24"	nil	
31		83-85	24"	nil	
32		85-87	24"	0.35	
33		87-89	24"	0.70	
34		89-91	24"	1.40	
35		91-93	24"	nil	
36		93-95	24"	nil	
37		95-97	24"	1.75	
38		97-99	24"	nil	
39		99-100	12"	nil	
40		100-102	24"	0.70	
41		102-104	24"	0.70	
42		104-106	24"	1.05	
43		106-108	24"	nil	
44		108-110	24"	nil	
45		110-112	24"	nil	
46		112-114	24"	nil	
47		114-116	24"	nil	

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-17 Page 2.

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31148		116-118	24"		nil
49		118-120	24"		nil
50		120-122	24"		nil
51		122-124	24"		nil
52		124-125	12"		nil
53	Dyke massive marcactie.	187'8"-188'8"	12"		nil
54	Light peculiar cherty stuff.	198-200	24"		1.05
0'	Casing				
14'	F.G. Sediment tuff. Amphibolitic.				
22'	F.G. light sediment. Quartz inclusions. Mineralization.				
26'5"	Dyke, Quartz diorite.				
27'5"	Dark sediment. Amphibolitic. Well mineralized.				
31'	Dyke. Mica				
55'	Medium grey sediment tuff. F,G. mineralization sulphides.				
78'2"	Light and dark sediment. F.G. Mineralization. Amphibolitic. Garnets.				
97'8"	Dyke. Mineralization. Quartz inclusions. Visible sulphide Amphibolite				
99'	Light dark sediment. Mica. Amphibolitic F.G.				
115'	Light sediment. Cherty bands. Blue and white quartz granules. Amphibolitic. Sulphides.				
125-175	Sediment-brown and green banded with cherty bands up to 1" fine grained with disseminated pyrite. Coarser banded in places with well developed amphibole.				
	136'7-138'5 Medium grained quartz diorite dyke.				
	141'7-144'6 Garnets up to 1"				
	146'3-147'6 Diorite dyke with little pyrrhotite.				
175-202'5	Sediment predominant brown with cherty bands fine grained with little pyrite.				
	179'5-181'4 Dyke quartz diorite with minor mineralization.				
	187'8-188'8 Quartz diorite with massive marcactie in a fracture.				
	193'6-202'5 Odd cherty bands give lighter color.				
	END OF HOLE 202'5				

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TO FOLLOW**

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. A-17, Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31148		116-118-	24"		nil
49		118-120	24"		nil
50		120-122	24"		nil
51		122-124	24"		nil
52		124-125	12"		nil
53	Dyke massive marcabite.	187'8-188'8	12"		nil
54	Light peculiar cherty stuff.	198-200	24"		1.05
0'	Casing.				
14'	F.G. Sediment tuff. Amphibolitic.				
22"	F.G. light sediment. Quartz inclusions. Mineralization.				
26'5"	Dyke. Quartz diorite.				
27'5"	Dark sediment. Amphibolitic. Well mineralized.				
31'	Dyke. Mica.				
55'	Medium grey sediment tuff. F.G. Mineralization sulphides.				
78'2"	Light and dark sediment. F.G. Mineralization. Amphibolitic. Garnets.				
97'8"	Dyke. Mineralization. Quartz inclusions. Visible sulphide Amphibolitic				
99'	Light dark sediment. Mica. Amphibolitic F.G.				
115'	Light sediment. Cherty bands. Blue and white quartz granules. Amphibolitic. Sulphides.				
125 - 175	Sediment - Brown and green banded with cherty bands up to 1" fine grained with disseminated pyrite. Coarser banded in places with well developed amphibole.				
	136'7-138'5 Medium grained quartz diorite dyke.				
	141'7-144'6 Garnets up to $\frac{1}{2}$ "				
	146'3-147'6 Diorite dyke with little pyrrhotite.				
175 - 202'5	Sediment predominant brown with cherty bands fine grained with little pyrite.				
	179'5-181'4 Dyke quartz diorite with minor mineralization.				
	187'8-188'8 Quartz diorite with massive marcabite in a fracture.				
	193'6-202'5 Odd cherty bands give lighter color.				
	End of hole 202'5"				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. F-19...

4458 N

Place Surface... Location 6516 F. Direction N. 05. W.... Date July 1954.

Dip: 0° - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 16	Casing.				
16-17	Light siliceous sediment.				
17-19	Quartz vein.				
19-20	Ground				
20-46	Light grey banded sediment with quartz veinlets.				
46-60	Highly silicified fine grey sediment.				
60-61	Diorite dyke.				
61-63	Green garnetiferous schist.				
63-80	as 46'-60'				
80-95' 5"	Dark sediments.				
95' 5"-129	Fine grained grey and light banded sediment.				
129-165	Green and dark banded sediment.				
165-174	Light and dark banded sediment.				
165-174	Light and dark banded sediment.				
174-192	Light grey coarser grained sediment.				
192-246	Green and dark banded tuff.				
246-266 1/2	Grey sediment with cherty bands.				
266 1/2-290	Green and dark banded tuff.				
290-300	Light grey sediment with cherty bands.				
300-320	Green and dark tuff.				
320-331	Green and light banded with cherty bands.				
331-335 5"	Green and dark banded tuff.				
335' 5"-346	Dioritic dyke.				

End of Hole 346'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-18...

4458.0 N

Place. Surface... Location... 6315.6 E... Direction N03W..... Date July 14/54
 Elev. 5005.4

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31155	Sediment.	16-17	12"		nil
56	Quartz.	17-19	24"		nil
57	Sediment. Grey	20-22	24"		nil
58	Sediment. Grey	22-24	24"		nil
59	Sediment. Grey	24-26	24"		0.70
60	Sediment. Grey	26-28	24"		nil
61	Sediment. Grey	28-30	24"		nil
62	Sediment. Grey	30-32	24"		0.35
63	Sediment. Grey	32-34	24"		nil
64	Sediment. Grey	34-36	24"		nil
65	Sediment. Grey	36-38	24"		nil
66	Sediment. Grey	38-40	24"		nil
67	Quartz vein.	40-41	12"		1.05
68	Sediment grey with tourmaline.	41-43	24"		nil
69	Sediment. Grey	43-44'6	18"		1.40
70	Grey sediment	44'6-46	18"		2.10
71	Silicious sediment.	46-48	24"		6.30
72	Silicious sediment	48-50	24"		8.05
73	Silicious sediment.	50-52	24"		16.80
74	Silicious sediment.	52-54	24"		11.90
75	Silicious sediment.	54-56	24"		30.10
76	Silicious sediment.	56-58	24"		7.35
77	silicious sediment.	58-60	24"		3.70
78	acid diorite dyke.	60-61	12"		nil
79	Garnet schist.	61-63	24"		nil
80	silicious sediment	63-65	24"		1.05
81	ditto	65-67	24"		3.85
82	ditto	67-69	24"		2.45
83	ditto	69-71	24"		nil
84	ditto	71-73	24"		nil
85	ditto	73-75	24"		nil
86	ditto	75-77	24"		nil
87	ditto	77-79	24"		nil
88	ditto	79-81	24"		1.40
89	dark sediment.	85-87	24"		nil
90	sediment. light grey	95-97	24"		nil
91	ditto	97-99	24"		nil
92	grey sediment	105-107	24"		nil
93	ditto	107-109	24"		nil
94	ditto	109-111	24"		nil
95	ditto	111-113	24"		nil
96	ditto	113-115	24"		nil
	Grey sediment.	120-146			nil
	Light sediment. pyrrhotite	170-174	48"		nil
31203	Gran. Amphibole.	192-194'3	27"		nil
04	Dyke	194'3-195'1	10"		nil
05	ditto.	195'1-197'8	33"		2.45

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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

HABAGA

Koval-Chuan Option.

Hole No. D.D. 428

Place Surface

Location 4458.0 N
6315.6 E

Direction N03W

Logged by R.D.M.

Dip: 0° -30°

Elevation 5005.4

Date July 14/54

Sample No.

Description

Footage

Width

Assay
Oz. Value

Sample No.	Description	Footage	Width	Assay Oz. Value
31155	Sediment.			
56	Quartz.	16-17	12"	nil
57	Sediment. Grey.	17-19	24"	nil
58	Sediment. Grey.	20-22	24"	nil
59	Sediment. Grey.	22-24	24"	nil
60	Sediment. Grey.	24-26	24"	0.70
61	Sediment. Grey.	26-28	24"	nil
62	Sediment. Grey.	28-30	24"	nil
63	Sediment. Grey.	30-32	24"	0.35
64	Sediment. Grey.	32-34	24"	nil
65	Sediment. Grey.	34-36	24"	nil
66	Sediment. Grey.	36-38	24"	nil
67	Quartz vein.	33-40	24"	nil
68	Sediment grey with tourmaline.	40-41	12"	1.05
69	Sediment. Grey.	41-43	24"	nil
70	Grey sediment.	43-44' 6	18"	1.40
71	Silicious sediment.	44' 6-46	18"	2.10
72	Silicious sediment.	46-48	24"	6.30
73	Silicious sediment.	48-50	24"	8.05
74	Silicious sediment.	50-52	24"	16.80
75	Silicious sediment.	52-54	24"	21.90
76	Silicious sediment.	54-56	24"	30.10
77	Silicious sediment.	56-58	24"	7.35
78	Acid diorite dyke.	58-60	24"	0.70
79	Barnet schist.	60-61	12"	nil
80	Silicious sediment.	61-63	24"	nil
81	Ditto.	63-65	24"	1.05
82	Ditto.	65-67	24"	3.85
83	Ditto.	67-69	24"	2.45
84	Ditto.	69-71	24"	nil
85	Ditto.	71-73	24"	nil
86	Ditto.	73-75	24"	nil
87	Ditto.	75-77	24"	nil
88	Ditto.	77-79	24"	nil
89	Dark sediment.	79-81	24"	1.40
90	Sediment. Light grey.	85-87	24"	nil
91	Ditto.	95-97	24"	nil
92	Grey sediment.	97-99	24"	nil
93	Ditto.	105-107	24"	nil
94	Ditto.	107-109	24"	nil
95	Ditto.	109-111	24"	nil
96	Ditto.	111-113	24"	nil
	Grey sediment.	113-115	24"	nil
	Light sediment. pyrrhotite.	120-146		nil
31203	Gran. Amphibole.	170-174	48"	nil
04	Dyke.	192-194'	27"	nil
05	Ditto.	194' 3-195'	10"	nil
		195' 1-197'	33"	2.45

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

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TO FOLLOW

Hole No. D.D. E-18 Page 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31206	High mineralization. Quartzite.	223-225'6	30"		1.05
07	Silicious zone.	262'6-264'6	24"		5.95
08	Silicious zone.	264'6-266'6	24"		0.35
	Sediment. Green grey cherty.	295-299	48"		nil
11	Tuff?	300-302	24"		nil
12	ditto	302-304	24"		nil
13	ditto	304-306	24"		0.70
14	ditto	306-307'6	18"		1.05
	dyke tuff.	307'6-320			nil
22	sediment. Tuff cherty banded	320-322	24"		1.05
	Ditto	322-325'3			nil
25	Dyke coarse granite diorite.	325'3-326	9"		0.35
	Sediment. Tuff	326-332	24"		nil
29	Ditto	332-334	24"		0.70
30	Ditto	334-336	24"		0.70
	Ditto	336-339'5	24"		nil
32507	Light grey silicious sediment	246-248	24"		nil
08	Light grey silicious sediment	248-250	24"		1.05
09	Ditto.	250-252	24"		nil
10	Ditto.	252-254	24"		2.80
11	Ditto	254-256	24"		4.55
12	Ditto.	256-258	24"		10.15
13	Ditto	258-260	24"		7.70
14	Ditto	260-262	24"		5.95
15	Ditto	262-262'6	6"		0.70
0-16	Casing.				
16-17	Sediment light and dark banded fine grained silicious.				
17-19	Quartz light grey color with oxidation in fractures, no visible mineralization.				
19-20	Ground.				
20-46	Light grey banded sediment with quartz veinlets. 20'5-22' porphyry dark silicious groundmass with phenocrysts. 25-28 Quartz vein up to 2" no mineralization. 40-41 Quartz vein, no mineralization. 41-44.5 Abundant tourmaline. Crystals up to 1/2" in length, also some patches of muscovite.				
46-60	Sediment highly silicified fine grained grey with abundant mineralization. Pyrite and pyrrhotite associated with small quartz veinlets at times but not always. In places bands of massive mineralization in shear zones.				
60-61	Dyke medium grained quartz diorite.				
61-63	Schist. Green and dark with abundant anhedral garnets (red) with massive muscovite.				
63-80	Sediment highly silicified light grey in color same as 46-60 but without the mineralization. Darker in last few feet.				
80-95'5	Sediment, dark with abundant quartz grains dark mica are predominant ly mica with possibly some illeminite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. 18 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
3206	High mineralization. Quartzite.	223-225	6	30"	1.05
07	Silicious zone.	258' 6-264	6	24"	5.95
08	Silicious zone.	264' 6-266	6	24"	0.35
	Sediment. Green grey sherty.	295-299		48"	nil
11	Tuff?	300-302		24"	nil
12	Ditto.	302-304		24"	nil
13	Ditto.	304-306		24"	0.70
14	Ditto.	306-307	6	18"	1.05
	Dyke. Tuff.	307' 6-320			nil
22	Sediment. Tuff cherty banded.	320-322		24"	1.05
	Ditto.	322-325	3		nil
25	Dyke coarse granite diorite.	325' 3-326		9"	0.35
	Sediment. Tuff.	326-332		24"	nil
29	Ditto.	332-334		24"	0.70
30	Ditto.	334-336		24"	0.70
	Ditto.	336-339	5	24"	nil
32507	Light grey silicious sediment.	246-248		24"	nil
08	Light grey silicious sediment.	248-250		24"	1.05
09	Ditto.	250-252		24"	nil
10	Ditto.	252-254		24"	2.80
11	Ditto.	254-256		24"	4.55
12	Ditto.	256-258		24"	10.15
13	Ditto.	258-260		24"	7.70
14	Ditto.	260-262		24"	5.95
15	Ditto.	262-262	6	6"	0.70
0 - 16	Casing.				
16 - 17	Sediment light and dark banded fine grained silicious.				
17 - 19	Quartz light grey color with oxidation in fractures, no visible mineralization.				
19 - 20	Ground.				
20 - 46	Light grey banded sediment with quartz veinlets.				
	20' 5-22' Porphyry dark silicious groundmass with phenocrysts.				
	25-28 Quartz vein up to 2", no mineralization.				
	40-41 Quartz vein, no mineralization.				
	41-44.5 Abundant tourmaline. crystals up to 1/2" in length, also some patches of muscovite.				
46 - 60	Sediment highly silicified fine grained grey with abundant mineralization. Pyrite and pyrrhotite associated with small quartz veinlets at times but not always. In places bands of massive mineralization in shear zones.				
60 - 61	Dyke medium grained quartz diorite.				
61 - 63	Schist. Green and dark with abundant euhedral garnets (red) with massive muscovite.				
63 - 80	Sediment highly silicified light grey in color same as 46-60 but without the mineralization. Darker in last few feet.				
80 - 95' 5	Sediment, dark with abundant quartz grains dark majica are predominate ly mica with possibly some illeminite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

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Hole No. D.D. E-18 Page 3

Place Location. Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
95'5-129	84-84'4 Quartz vein with pyrite and arsenopyrite.				
	90'7-91'6 Quartz vein barren.				
	Sediment, fine grained grey and light banded with minor quartz veinlets no visible mineralization.				
	115-123'9				
	123'9-125 Dyke quartz diorite.				
129-	125-219 Ground.				
	Sediment green and dark banded with blue quartz veinlets and shergens Fine grained throughout.				
150-159	Well mineralized pyrrhotite and pyrite.				
154-161	Coarser green bands predominant.				
161-162'3	Dyke quartz diorite.				
162'3-165	Green banding becoming less prominent and being replaced by cherty bands.				
165-174	Sediment light and dark banded, fine grained with some evidence of shearing well mineralized along fractures. Last foot green bands becoming predominant again.				
174-192	Sediment. Light grey green coarser grained than before no mineralization.				
	179'6-181'5 Ground				
	189-190'6 Ground				
192-197'8	Medium grained amphibolitic with massive mineralization.				
	194'4-195'1 Dyke fine grain diorite.				
197'7-200	Tuff green and dark banded with no mineralization fine grained.				
200-246	Tuff. Green and dark banded much coarser grained in places fairly light green.				
219-220'6	Dyke coarse grained quartz diorite.				
223-225'6	Massive mineralization pyrrhotite. Quartzite.				
246-266'6	Sediment grey and light cut by cherty bands. Bedding very prominent massive sulphide mineralization.				
250'8-266'3	Dyke medium grained quartz diorite cut by quartz veinlets.				
	256-257 High mineralization.				
	262'6-266'6 silicious zone.				
266'6-290	Tuff? green bands coming in and cherty shergens becoming less evident medium grained. Darker green in last few feet some minor amounts of pyrite.				
280-290	Tuff. Lighter due to cherty bands no mineralization minor but present pyrite.				
	287'6-288'6 quartz vein no mineralization.				
	289'2-289'8 Ground				
290-300	Sediment light green grey with cherty bands medium grained well sheared with pyrite along shear planes.				
	299'4-300 Coarse grained amphibolitic.				
300-305	Tuff. Very fine grained green banded tuff studded with garnets and well mineralized with arsenopyrite and pyrite.				
305-311	Tuff-Green and dark banded with abundant mineralization medium grained.				
307'6-309'6	Dyke fine grained quartz diorite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT;

Hole No. D.D. 418, Page 3.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	84-84'4 Quartz vein with pyrite and arsenopyrite.				
	90'7-91'6 Quartz vein barren.				
95'5-129	Sediment, fine grained grey and light banded with minor quartz veinlets no visible mineralization.				
	115-123'9				
	123'9-125 Dyke quartz diorite.				
	125-219 Ground.				
129-	Sediment green and dark banded with blue quartz veinlets and shergen Fine grained throughout.				
150 - 159	Well mineralized pyrrhotite and pyrite.				
154-161	Coarser green bands predominant.				
161 - 162'3	Dyke quartz diorite.				
162'3 -165	Green banding becoming less prominent and lxzx being replaced by cherty bands.				
165 - 174	Sediment light and dark banded, fine grained with some evidence of shearing well mineralized along fractures. Last foot green bands becoming predominant again.				
174 - 192	Sediment. Light grey green coarser grained than before no mineralization.				
	179'6-181'5 Ground.				
	189-190'6 Ground.				
192 - 197'8	Medium grained amphibolitic with massive mineralization.				
	194'4-195'1 Dyke fine grain diorite.				
197'7- 200	Tuff green and dark banded with no mineralization fine grained.				
200 - 246	Tuff. Green and dark banded much coarser grained in places fairly light green.				
219 - 220'6	Dyke coarse grained quartz diorite.				
223 - 225'6	Massive mineralization pyrrhotite. Quartzite.				
246 - 266'6	Sediment grey and light cut by cherty bands. Bedding very prominent massive sulphide mineralization.				
250'8-255'3	Dyke medium grained quartz diorite cut by quartz veinlets.				
	256-257 High mineralization.				
	262'6-266'6 Silicious zone.				
266'6-290	Tuff? green bands coming in and cherty shergen becoming less evident medium grained. Darker green in last few feet some minor amounts of pyrite.				
280-290	Tuff. Lighter due to cherty bands no mineralization minor but present pyrite.				
	287'6-288'6 Quartz vein no mineralization.				
	289'2-289'8 Ground.				
290-300	Sediment light green grey with cherty bands medium grained well sheared with pyrite along shear planes.				
	299'4-300 Coarse grained amphibolitic.				
300-305	Tuff. Very fine grained green banded tuff studded with garnets and well mineralized with arsenopyrite and pyrite.				
305-311	Tuff - Green and dark banded with abundant mineralization medium grained.				
307'6-309'6	Dyke fine grained quartz diorite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. ... E-18 Page 4

Place Location. Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
311-320	Tuff coarse grained green with abundant amphibole. Well serpentized in places some evidence of mineralization in last few feet that seem to be silicious. 314'5-315 Ground.				
320-331	Sediment. Tuff? Green and light with abundant cherty bands some pyrite bands little disseminated pyrite. Medium grained. 325'3-326 Dyke coarse grained. Granite diorite.				
331-335'5	Sediment-tuff. Green and dark banded fine grained with some blue quartz.				
335'5-346	Dyke coarse grained quartz diorite fair hornblend abundant mica. biotite cut by quartz veinlets.				
END OF HOLE 346'					
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DIAMOND DRILL REPORT.

Hole No. D.D. 318, Page 4.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
311 - 320	Tuff coarse grained green with abundant amphibole. Well serpentinized in places some evidence of mineralization in last few feet that seem to be silicious. 314'5-315 Ground.				
320 - 331	Sediment. Tuff? Green and light with abundant cherty bands some pyrite bands little disseminated pyrite. Medium grained. 325'3-326 Dyke coarse grained. Granite diorite.				
331 - 335	5 Sediment-tuff. Green and dark banded fine grained with some blue quartz.				
335 - 346	Dyke coarse grained quartz diorite fair hornblende abundant mica, biotite cut by quartz veinlets. End of hole 346'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ottum Option

Hole No. D.D. E-19..

4326 N

Place Surface.. Location .5821 E.. Direction N 22 W... Date July 1954

Dip: 0' - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-6	Casing				
6-11'10"	Fine grained dark sediment with numerous quartz stringers.				
11'10"-13'9"	Et Rhyolite.				
13 1/2 -25	Fine grained light grey sediment.				
25-26 1/2	Green garnetiferous band.				
26 1/2-27 1/2	Dyke.				
27 1/2-29	Green garnetiferous band.				
29-34	Light grey fine grained sediment.				
34-45	Dark fine uniform sediment.				
45-55'2"	Coarse amphibolitic band with abundant garnets.				
55'2"-74'6"	Light grey sediment with numerous quartz stringers.				
74 1/2--75'2"	Dioritic dyke.				
75'2"-112	Fine grained siliceous light and dark banded sediment.				

End of Hole 112'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.
HASAGA

Kowal-Ohman Option.

Hole No. D.D. 2719.

Logged by R.D.M.

Place Surface.. Location 4325.7N 5830.6E. Direction N22W..... Date July 9/54
Elevation 4999.6

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31233	Silicious dark	6-7'7	19"		nil
34	Ditto.	9-11'10	34"		nil
35	Rhyolite? silicious	11'10-13'9	23"		nil
36	Sediment light grey.	13'9-15	15"		1.40
37	Ditto.	15-17	24"		nil
38	Ditto.	17-19	24"		nil
39	Ditto.	19-20'7	19"		nil
40	Sediment much shearing and quartz stringers.				
41	Sediment light grey.	20'7-22'5	24"		0.70
42	Amphibolitic abundant garnets.	22'5-25	35"		nil
43	Dyke.	25-26'3	15"		nil
44	Amphibolitic with garnets.	26'3-27'3	12"		nil
45	Sediment light grey.	27'3-29	21"		0.70
46	Sediment.	29-31	24"		3.50
47	Ditto.	31-33	24"		1.40
48	Sediment dark.	33-34	12"		1.05
49	Ditto.	34-36	24"		nil
50	Ditto.	36-38	24"		2.80
51	Ditto.	38-40	24"		nil
52	Amphibolitic with garnets.	40-42	24"		2.10
53	Amphibolitic with garnets.	42-44	24"		3.30
54	Sediment lighter.	44-45	12"		2.45
55	Coarse amphibolitic with garnets.	45-47	24"		nil
56	Ditto.	47-49	24"		1.05
57	Ditto.	49-50	12"		4.90
58	Amphibolitic abundant garnets.	50-52	24"		6.30
59	Ditto.	52-54	24"		6.30
60	Ditto.	54-55'2	14"		5.25
61	Sediment light grey and dark.	55'2-57'2	24"		4.20
62	Ditto.	57'2-59'7	29"		nil
63 - 68	Ditto.	60-62	24"		nil
69	Ditto.	62-74'6	150"		nil
70	Dyke.	74'6-75'2	8"		nil
	Sediment fine grained light and dark light silicious.				
	Ditto.	75'2-77'	22"		nil
72 - 73	Ditto.	77-79	24"		nil
74	Ditto.	79-83'6	54"		0.35
75 - 88	Dyke.	83'6-84'4	10"		nil
	Sediment.	84'4-111'10	22"		nil
0 - 6	Casing.				
6 - 11'10	Sediment. Fine grained dark sediment with abundant quartz stringers some disseminated sulphides (minor).				
110---1319	7'7-9' Ground.				
1110 - 13'9	Rhyolite? highly silicious with much evidence of shearing pyrite along shear planes. Some horiblend showing a preferred orientation.				
139 - 25'	Sediment. Fine grained light grey with mineralization throughout. 20'7-22'5 Much shearing with abundant quartz stringers no				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Hole No. D.D. E-19, Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	ASSAY	
				Gz.	Value
25-26'3	evidence of some increased mineralization.				
26'3-27'3	Medium grained green amphibole with abundant garnets up to 1/2".				
27'3-29'	Dyke medium grained quartz diorite.				
29-34	Medium grained green amphibolitic with abundant garnets up to 1/2".				
30-31'3	Sediment. Light grey fine grained with veinlets and some pyrite.				
34-45	Highly quartzitic				
	Sediment dark fine and uniform with abundant pyrite and pyrrhotite.				
45-55'2	39-40 Lighter with some green banding.				
	40-44 Medium grained amphibolitic with garnets.				
	44-45 Sediment lighter.				
55'2-74'6	Coarse grained green amphibolitic with abundant garnets with pyrite and arsenopyrite some shearing with chalcopyrite along shearplanes.				
	Sediment light grey with abundant quartz stringers well mineralized throughout.				
	55-58 Lighter more silicious.				
	59'7-60 Ground.				
	62-64 Much evidence of shearing.				
74'6-75'2	Dyke medium grained quartz diorite cut by quartz veinlet mineralization predominately pyrite.				
75'2-100	Sediment fine grained silicious light and dark banded sediment. Fine disseminated mineralization throughout pyrite.				
	83'6-89'4 Dyke medium grained quartz diorite.				
	90-100 Appreciably lighter almost a quartzite.				
100-111	Light dark bands .				
1	105' Phenocrysts of _____? Sulphide bands F.G. 1/10" wide.				
100-111'10	Sediment light grey and dark silicious pyrite and some pyrrhotite disseminated throughout.				
	100-100'11 Lighter Quartzitic.				
	100'11-105'6 Darker finer grained with more pyrrhotite and pyrite.				
	105'6-107'2 Lighter quartzitic.				
	107'2-111'10 Darker fine grained some shearing with mineralization along shear planes.				
	End of hole 111'10				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. ~~449~~ **440**

Place ~~Surf 449~~... Location **4419 N** ~~6224 N~~... Direction **N. 30. W.**... Date **July 1954**

Dip 0' -20°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-8	Casing.				
8-22	Quartzitic sediments.				
22-39	Light grey siliceous sediment.				
49-51	Garnetiferous band.				
51-60	Dark and light banded fine grained sediment with numerous quartz stringers.				
60-67' 10"	Fine grained siliceous sediment.				
67' 10"-73' 4"	Coarse grained green amphibolitic rock with abundant garnets.				
73' 4"-75' 10"	Dark and grey banded sediment.				
75' 10"-76 1/2'	Dioritic dyke.				
76' 6"-80	Coarse amphibolitic band with abundant garnets.				
80-91' 8"	Light grey siliceous sediment.				
91' 8"-92 1/2'	Amphibolitic with abundant garnets.				
92 1/2"-103 1/2'	Grey siliceous sediment.				
103 1/2"-113	Dark and green banded tuff?				
113-165	Grey to dark banded sediment.				
165-169	Amphibolitic band.				
169-191' 5"	Grey to dark banded sediment.				
191' 5"-255	Green and dark banded tuff.				
255-263' 9"	Fine grey siliceous zone.				
263 1/2"-325	Green and dark banded tuff.				
325-330	Fine grained siliceous sediment.				
330-399	Green and dark banded tuff? Sediment?				

End of Hole 399'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E20.....

4419.3N

Place ..Surface... Location. 6223.8E..... Direction. N30W..... Date July22/54

Elev. 5006.3

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assav	
				Oz.	Value
31289	Sediment light.	8-10	24"	nil	nil
90	Ditto	10-12	24"		0.70
91-95	Ditto	12-22			nil
96	Sediment fine grained.	22-24	24"		nil
97	Ditto	24-26	24"		0.70
98-99	Ditto	26-30			nil
31300	Ditto	30-32	24"		nil
30579	Sediment fine grained light	32-34	24"		nil
30580	Ditto	34-36	24"		nil
81	Ditto	36-37	12"		0.70
82	Chlorite	37-38	12"		nil
83	Light silicious sediment arsenopyrite	38-40	24"		nil
84	Ditto	40-42	24"		1.05
85	Ditto	42-44	24"		0.35
86	Ditto	44-46	24"		nil
87	Ditto	46-48	24"		nil
88	Ditto	48-49'1	13"		nil
89	Sediment dark fine uniform	52-54	24"		nil
90	Ditto	55-57	24"		nil
91	Ditto	59-61	24"		0.35
32337	Light grey sediment	80-82	24"		nil
38		82-84	24"		nil
39		84-86	24"		nil
40	Silicious sediment light.	86-88	24"		0.35
41	Light silicious sediment.	88-90	24"		nil
42	Light silicious sediment.	90-91'8	18"		nil
43	Amphibolitic quartz.	91'8-92'3	8"		nil
44	Silicious sediment quartz.	92'3-94'9	25"		1.05
45-48	Silicious sediment.	94'9-102'1			nil
49	Silicious sediment.	102-103'6	18"		1.40
50	Amphibolitic garnets.	103'6-105	18"		nil
51	No sample				
52	Sediment.	123-125	24"		nil
56	Round core special				5.60
32516	Sediment	125-127	24"		nil
17	Sediment.	127-128'6	18"		nil
32353	Sediment.	129-131	24"		2.45
54	Sediment	131-133	24"		2.45
55	Sediment.	133-135	24"		3.50
31518	Sediment.	135-137	24"		5.95
19	Sediment	137-139	24"		nil
20	Sediment	139-141	24"		nil
21	Sediment	141-142'8	20"		0.70
32451		150-152	24"		nil
52		152-154	24"		0.35
53		154-156	24"		1.05
54		156-158	24"		1.40
55		158-160	24"		0.35

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option.

Hole No. D.D. Er29...

4419.3N

Place Surface... Location 6223.8E Direction N 30W Date July.22/54
Dip: 0' -30° Elevation 5006.3

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31289	Sediment light.	8-10	24"		nil
90	Ditto.	10-12	24"		0.70
91 -95	Ditto.	12-22			nil
96	Sediment fine grained.	22-24	24"		nil
97	Ditto.	24-26	24"		0.70
98 -99	Ditto.	26-30			nil
31300	Ditto.	30-32	24"		nil
30579	Sediment fine grained light.	32-34	24"		nil
80580	Ditto.	34-36	24"		nil
81	Ditto.	36-37	12"		0.70
82	Chlorite.	37-38	12"		nil
83	Light silicious sediment arsenopyrite	38-40	24"		nil
84	Ditto.	40-42	24"		1.05
85	Ditto.	42-44	24"		0.35
86	Ditto.	44-46	24"		nil
87	Ditto.	46-48	24"		nil
88	Ditto.	48-49'1	13"		nil
89	Sediment dark fine unigora.	52-54	24"		nil
90	Ditto.	55-57	24"		nil
91	Ditto.	59-61	24"		0.35
32337	Light grey sediment.	80-82	24"		nil
38		82-84	24"		nil
39		84-86	24"		nil
40	Silicious sediment light.	86-88	24"		0.35
41	Light silicious sediment.	88-90	24"		nil
42	Light silicious sediment.	90-91'8	18"		nil
43	Amphibolitic quartz.	91'8-92'3	2"		nil
44	Silicious sediment quartz.	92'3-94'9	25"		1.05
45 -48	Silicious sediment.	94'9-102'6			nil
49	Silicious sediment.	102-103'6	18"		1.40
50	Amphibolytic garnate.	103'6-105	18"		nil
51	No sample.				
52	Sediment.	123-125	24"		nil
56	Round core special.				5.60
32526	Sediment.	125-127	24"		nil
17	Sediment.	127-128'6	18"		nil
32353	Sediment.	129-131	24"		2.45
54	Sediment.	131-133	24"		2.45
55	Sediment.	133-135	24"		3.50
31518	Sediment.	135-137	24"		5.95
19	Sediment.	137-139	24"		nil
20	Sediment.	139-141	24"		nil
21	Sediment.	141-142'8"	20"		0.70
32451		150-152	24"		nil
52		152-154	24"		0.35
53		154-156	24"		1.05
54		156-158	24"		1.40
55		158-160	24"		0.35

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DIAMOND DRILL REPORT

Hole No. D.D. E-20 Page. 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32456		160-162	24"		2.45
57		162-164	24"		4.20
58		164-165	12"		1.75
32518	Amphibolite garnets.	165-167	24"		nil
19	Amphibolitic.	167-169	24"		nil
20-26	Sediment.	169-183			nil
27-30	Sediment dark and light with chloritic bands.				
		183-185			nil
32001	Silicious	255-257	24"		nil
02-05	Ditto	257-263'9			nil
31923	Sediment	323-327	24"		nil
24-32	Sediment.	327-344			nil
33	Sediment	344-346	24"		3.15
34	Sediment	346-348	24"		1.75
35	Sediment	348-350	24"		nil
36	Sediment	350-352	24"		nil
37	Sediment	352-353	12"		1.40
38-44	Sediment	353-365			nil
45	Sediment	365-367	24"		0.70
46	Sediment	367-367'10	10"		nil
47	Dyke	367/10-369	14"		nil
48-62	Sediment.	369-399			nil
0-8	Casing.				
8-22	Sediment light coarse grained quartzite. 11-14 Quartzitic with blue quartz veinlets and abundant pyrite and pyrrhotite. 14-15 Fine grained silicious and darker. 15-16'10 Quartzitic. 16'10-17'7 fine grained silicious and darker 17'10-22' Quartzitic.				
22-49	Sediment. Fine grained light grey silicious some fine disseminated mineralization. 30-37 Massive arsenopyrite. 37-38 Massive chlorite band very pronounced cut by quartz veinlets in numerous places. 38-49.1 Massive arsenopyrite silicious.				
49'1-51'	Coarse grained amphibolitic with abundant garnets.				
51-60	Sediment. Dark and light fine grained with abundant blue quartz stringers no mineralization evident.				
60-62'9	Sediment light fine grained silicious fair amount of pyrite and some pyrrhotite.				
62'9-63'8	Quartzitic.				
63'8-64'6	Silicious sediment				
64'6-65	Quartzitic.				
65-67'10	Silicious sediment				
67'10-73'4	Coarse grained green amphibolitic with abundant garnets.				
73'4-75'10	Sediment? Tuff. Grey dark banded with some coarse bands not to prominent.				

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DIAMOND DRILL REPORT.

Hole No. D.D. ... E-20 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32456		160-162	24"		2.45
57		162-164	24"		4.20
58		164-165	12"		1.75
32518	Amphibolite garnets.	165-167	24"		nil
19	amphibolitic.	167-169	24"		nil
20 - 26	Sediment.	169-183			nil
27 - 30	Sediment dark and light with chloritic bands.	183-185			nil
32001	Silicious.	255-257	24"		nil
02 - 05	Ditto.	257-263'9			nil
31923	Sediment.	323-327	24"		nil
24 - 32	Sediment.	327-344			nil
33	Sediment.	344-346	24"		3.15
34	Sediment.	346-348	24"		1.75
35	Sediment.	348-350	24"		nil
36	Sediment.	350-352	24"		nil
37	Sediment.	352-353	12"		1.40
38 - 44	Sediment.	353-365			nil
45	Sediment.	365-367	24"		0.70
46	Sediment.	367-367'10	10"		nil
47	Dyke.	367'10-369	14"		nil
48 - 62	Sediment.	369-399			nil
0-8	Casing.				
8-22	Sediment Light coarse grained quartzitic.				
	11-14 Quartzitic with blue quartz veinlets and abundant pyrite and pyrrhotite.				
	14-15 Fine grained silicious and darker.				
	15-16'10 Quartzitic.				
	16'10-17'7 Fine grained silicious and darker.				
	17'10-22' Quartzitic.				
22-49	Sediment. Fine grained light grey silicious some fine disseminated mineralization.				
	30-37 Massive arsenopyrite.				
	37-38 Massive chlorite band very pronounced cut by quartz veinlets in numerous places.				
	38-49'1 Massive arsenopyrite silicious.				
49'1-51'	Coarse grained amphibolitic with abundant garnets.				
51-60	Sediment. Dark and light fine grained with abundant blue quartz stringers no mineralization evident.				
60-62'9	Sediment light fine grained silicious. fair amount of pyrite and some pyrrhotite.				
62'9-63'8	Quartzitic.				
63'8-64'6	Silicious sediment.				
64'6-65	Quartzitic.				
65-67'10	Silicious sediment.				
7'10-73'4	Coarse grained green amphibolitic with abundant garnets.				
73'4-75'10	Sediment? Tuff. Grey dark banded with some coarse bands not to prominent.				

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DIAMOND DRILL REPORT

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Hole No. D.D. ..E-20.. Page 3

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
75'10-76'6	Evidence of shearing with mineralization (pyrite) along shearplanes.				
76'6-80	Dyke medium grained quartz diorite.				
80-91'8	Coarse grained green amphibolitic abundant garnets.				
91'8-92'3	Sediment light grey silicious with abundant quartz veinlets fine grained and well mineralized throughout. (pyrite)				
92'3-94'4	Amphibolitic garnets very prominent.				
94'4-103'6	Silicious sediment cut by quartz veins highly mineralized pyrite and pyrrhotite.				
103'6-105	Sediment fine grained grey silicious abundant mineralization pyrite and pyrrhotite.				
105-113	Amphibolitic abundant garnets.				
112'9-113	Fine grained dark and green with some garnets throughout.				
113-125	112'9-113 Quartz veins with pyrite.				
125-142'8	Sediment fine grained dark with no mineralization in places light blue quartz bands.				
142'8-143	116'6-117'6 Dyke medium grained quartz diorite.				
143-146	Fine grained grey and dark with abundant pyrite throughout.				
146-165	130-140 Highly silicious.				
165-169	Garnetiferous.				
169-183	Sediment fine grained banded sediment abundant pyrite.				
183-191'5	Sediment as before but with wider banding.				
191-255	Coarse grained amphibole abundant quartz.				
214-215'2	Sediment. Light grey fine grained with blue cherty bands and fine disseminated pyrite.				
222'2-223'6	Sediment, dark and light medium grained with chloritic banding fine disseminated mineralization pyrite and pyrrhotite.				
230'2-232'7	Sediment - Tuff? Green and dark banded fine grained with pyrrhotite throughout.				
240'2-242	214-215'2 Dyke quartz diorite fine grained.				
254'6-255'2	222'2-223'6 Dyke quartz diorite medium grained with fair amphibole.				
255-263'9	230'2-232'7 Ground.				
263'9-325	240'2-242 Ground,				
278-279	254'6-255'2 Dyke quartz diorite.				
285-287	Silicious zone fine grained grey with no visible mineralization.				
291-292	Sediment Tuff? Green and dark banded Fine grained abundant pyrite and pyrrhotite.				
293'6-293'8	278-279 Garnetiferous.				
311-312	285-287 Garnetiferous.				
313-314'2	291-292 Dyke medium grained quartz diorite.				
315-325	293'6-293'8 Massive calcite with perfect rhombohedral cleavage.				
325-330	Dyke medium grained quartz diorite				
330-399	Dyke as before.				
???'10-369	Getting lighter because of blue quartz stringers but no evidence of more mineralization.				
	Sediment silicious fine grained with abundant pyrite and pyrrhotite also a little arsenopyrite.				
	Sediment green and dark banded medium grained with abundant pyrite.				
	Dyke medium grained quartz diorite.				
	END OF HOLE 399'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. P-29, Page 3.

Place Location Direction Date

Sample	Description	Footage	Width	Assay	
				Oz.	Value
75'10-76'6	Evidence of shearing with mineralization (pyrite) along shearplanes. Dyke medium grained quartz diorite.				
76'6-80	Coarse grained green amphibolitic abundant garnets.				
80-91'8	Sediment light grey silicious with abundant quartz veinlets fine grained and well mineralized throughout. (pyrite)				
91'8-92'3	amphibolitic garnets very prominent.				
92'3-94'4	Silicious sediment cut by quartz veins highly mineralized pyrite and pyrrhotite.				
94'4-103'6	Sediment fine grained grey silicious abundant mineralization pyrite and pyrrhotite.				
103'6-105	amphibolitic abundant garnets.				
105-113	fine grained dark and green with some garnets throughout.				
112'9-113	Quartz veins with pyrite.				
113-125	Sediment fine grained dark with no mineralization in places light blue quartz bands.				
116'6-117'6	Dyke medium grained quartz diorite.				
125-142'8	Fine grained grey and dark with abundant pyrite throughout. 130-140 Highly silicious.				
142'8-143	Garnetiferous.				
143-146	Sediment fine grained banded sediment abundant pyrite.				
146-165	Sediment as before but with wider banding.				
165-169	Coarse grained amphibole abundant quartz.				
169-183	Sediment. Light grey fine grained with blue cherty bands and fine disseminated pyrite.				
183-191'5	Sediment, dark and light medium grained with chloritic banding fine disseminated mineralization pyrite and pyrrhotite.				
191-255	Sediment - Tuff? Green and dark banded fine grained with pyrrhotite throughout.				
214-215'2	Dyke quartz diorite fine grained.				
222'2-223'6	Dyke quartz diorite medium grained with fair amphibole.				
230'2-232'7	Ground.				
240'2-242	Ground.				
254'6-255'2	Dyke quartz diorite.				
255-263'9	Silicious zone fine grained grey with no visible mineralization.				
263'9-325	Sediment Tuff? Green and dark banded fine grained abundant pyrite and pyrrhotite.				
273-279	Garnetiferous.				
285-287	Garnetiferous.				
291-292	Dyke medium grained quartz diorite.				
293'6-293'8	Massive calcite with perfect rhombohedral cleavage.				
311-312	Dyke medium grained quartz diorite.				
313-314'2	Dyke as before.				
315-325	Getting lighter because of blue quartz stringers but no evidence of more mineralization.				
325-330	Sediment silicious fine grained with abundant pyrite and pyrrhotite also a little arsenopyrite.				
330-399	Sediment green and dark banded medium grained with abundant pyrite.				
7'10-369	Dyke medium grained quartz diorite.				
	End of hole 399'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

MAKAGA

Kovai-Ohman Option

Hole No. D.D. **E-21**

4488 N

Place **Surface** Location **6425 E.** Direction **N 41 W.** Date **July 1954**

Dip **0° - 30° 150' - 26°**

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-11	Casing.				
11-15	Fine grey sediments.				
15-16'7"	Porphyritic rhyolite.				
16'7"-138	Predominantly grey sediment with some dark garnetiferous sections.				
138-176	Coarse green and dark banded tuff.				
End of Hole 156'.					

PICKLE CROW GOLD MINES LTD

DIAMOND DRILL REPORT

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Hole No. D.D. E-21.....

4488.4N

Place Surface..... Location. 6424.6E..... Direction.. N41W..... Date July 31/54.

DIP: 0' -30° 150' Ely. 5010.3

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33337	Brown sediment. Fractured white quartz veining. Considerable coarse pyrrhotite and arsenopyrite.	27½-30	30"		0.35
34	Fractured altered sediment with white quartz stringers. Fair pyrite.	32½-34	18"		nil
35	Altered sediment - (sheared rhyolite) Fair to good mineralization.	34-36	24"		nil
36	Silicified sediment (sheared rhyolite)	36-38	24"		nil
32367	Sediment.	45-47	24"		nil
67-70	Sediment.	45-51'2			nil
71	Dyke.	51'2-51'11	7"		nil
72-73	Sediment.	51'11-56	7"		nil
74	Sediment.	56-58	24"		0.35
75	Sediment.	58-60	24"		nil
76	Sediment.	60-62	24"		2.10
77	Sediment.	62-64	24"		0.35
78	Sediment.	64-66	24"		nil
79	Sediment.	66-68	24"		4.20
80-82	Sediment.	68-73			nil
32586	Sediment.	100-102	24"		nil
87-98	Sediment.	102-125			nil
99	Light sediment.	125-127	24"		nil
32600	Light sediment	127-129	24"		nil
01-03	Light sediment.	129-134			nil
04	Light sediment.	134-136	24"		5.60
05	Light sediment.	136-138	24"		nil
06	Tuff.	138-140	24"		nil
07	Tuff.	140-142	24"		nil
0-11	Casing.				
11-15	Sediment? Tuff. Fine grained grey and light banded with some quartz inclusions no visible mineralization.				
15-16'7	Silicious rhyolite with feldspar phenocrysts.				
15-21	S.O.S. as 11-15				
21-22'6	Massive garnets evidence of bedding very pronounced.				
22'6-26	S.O.S. as 15-21				
26-35	Sediment light grey highly silicious with abundant quartz stringers and much mineralization (pyrite and pyrrhotite)				
35-50	Sediment grey with black banding probably illeminite? with some shearing evident also a little arsenopyrite.				
50-132	Sediment fine grained grey silicious with evidence of fine disseminated mineralization pyrite, pyrrhotite and little arsenopyrite. Some mica (biotite) and a few crystals of tourmaline. In places appreciably darker and prounounced banding due to illiminite. Shearing evident but not pronounced.				
132-138	Light grey silicious with garnets and quartz stringers no visible mineralization.				
138-156	Tuff? Coarse grained green and dark banded. Some amphibole and chlorite some shearing with pyrrhotite along shearplanes. Fine disseminated pyrite throughout. END OF HOLE 156'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Koval-Oshan Option.

Hole No. D.D. F-21

4488.4N

Logged by R.D.M.

Place Surface: Location 6824.6E. Direction N41W. Date July 31/54

Dip: 0° -30° 150° -26°

Elevation 5010.3

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33337	Brown sediment. Fractured white quartz veining. Considerable coarse pyrrhotite and arsenopyrite.	27 $\frac{1}{2}$ -30	30"		0.35
34	Fractured altered sediment with white quartz stringers. Fair pyrite.	32 $\frac{1}{2}$ -34	18"		nil
35	altered sediment - (sheared rhyolite)	34-36	24"		nil
36	Fair to good mineralization. Silicified sediment (sheared Rhyolite?)	35-38	24"		nil
32367	Sediment.	45-47	24"		nil
67 - 70	Sediment.	45-51' $\frac{1}{2}$			nil
71	Dyke.	51' $\frac{1}{2}$ -51' $\frac{1}{2}$	7"		nil
72 - 73	Sediment.	51' $\frac{1}{2}$ -56			nil
74	Sediment.	56-58	24"		0.35
75	Sediment.	58-60	24"		nil
76	Sediment.	61-62	24"		2.10
77	Sediment.	62-64	24"		0.35
78	Sediment.	64-66	24"		nil
79	Sediment.	66-68	24"		4.20
80 - 82	Sediment.	68-73			nil
32586	Sediment.	100-102	24"		nil
87 - 98	Sediment.	102-125			nil
99	Light sediment.	125-127	24"		nil
32600	Light sediment.	127-129	24"		nil
01 - 03	Light sediment.	129-134			nil
04	Light sediment.	134-136	24"		5.60
05	Light sediment.	136-138	24"		nil
06	Tuff.	138-140	24"		nil
07	Tuff.	140-142	24"		nil
0 - 11	Casing.				
11 - 15	Sediment? Tuff. Fine grained grey and light banded with some quartz inclusions no visible mineralization.				
15 - 16' $\frac{1}{2}$	Silicious rhyolite with feldspar phenocrysts.				
15 - 21	S.O.S. as 11-15				
21 - 22' $\frac{1}{2}$	Massive garnets evidence of bedding very pronounced.				
22' $\frac{1}{2}$ - 26	S.O.S. as 15-21				
26 - 35	Sediment: light grey highly silicious with abundant quartz stringers and much mineralization (pyrite and pyrrhotite.)				
35 - 50	Sediment grey with black banding probably illmenite? with some shearing evident also a little arsenopyrite.				
50 - 132	Sediment fine grained grey silicious with evidence of fine disseminated mineralization pyrite, pyrrhotite and little arsenopyrite. Some mica (biotite) and a few crystals of tourmaline. In places appreciably darker and pronounced banding due to illmenite. Shearing evident but not pronounced.				
32- 138	Light grey silicious with garnets and quartz stringers no visible mineralization.				
38 - 156	Tuff? Coarse grained green and dark banded. Some amphibole and chlorite some shearing with pyrrhotite along shearplanes. Fine disseminated pyrite throughout. End of hole 156'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.
 MASAGA

Koval-Chman Option

Hole No. D.D. **E-22**

4504 N

Place **Surface**

Location **5810 E**

Direction **N 22 W**

Date **Aug. 1954.**

Dip **0° - 30°**

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 6	Casing.				
6 - 50	Light grey siliceous sediment.				
50 - 54'2"	Coarse grained green amphibolitic, with abundant garnets.				
54'2" - 55'8"	Ground.				
55'8" - 100	Light grey finely banded siliceous sediment.				
100 - 110	Light green banded tuff.				

End of Hole 110'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

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POOR QUALITY ORIGINAL
TO FOLLOW

Hole No. D.D. E-22...

Place . Surface Location. 4303.3N 5809.02 Direction N22W Date

Dip: 0' -30° Elev. 5001.8

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32301	Sediment - light.	6-8	24"		1.05
02	ditto	8-10	24"		1.40
03-09	ditto	10-24			nil
10	ditto	24-26	24"		0.35
11	ditto	26-28	24"		3.85
12-15	ditto	28-15			nil
16	ditto	36-38	24"		1.75
17	ditto	38-40	24"		2.10
18	ditto	42-44	24"		1.40
19	ditto	44-46	24"		0.70
20	ditto	46-48	24"		nil
21	ditto	48-50	24"		0.35
22	coarse amphibolite.	50-52	24"		nil
23	coarse smphibolite.	52-54'2	26"		nil
24-28	sediment lithe.	55'8-65'3			nil
29-31	ditto	66-71'5			nil
32	ditto.	72-74'5	24"		nil
92	sediment light grey	75-77	24"		nil
93	ditto	77-79	24"		0.35
94	ditto	79-81	24"		nil
95	ditto	81-82	12"		nil
96	ditto	83-84'6	18"		nil
97-99	ditto	86-92'3			nil
30600	dyke	92'3-93'3	12"		nil
32333	Sediment some green bands.	93'3-95	21"		nil
34-36	Ditto	95-100			nil
0-6	Casing.				
6-50	Sediment. Light grey silicious mineralization spotty. 18-19 Quartz vein abundant. Pyrite. 24'6-26' Ground 30'6-31' Dyke fine grained quartz diorite. 40-45 More silicious. 45-50 Getting lighter dur to quartz stringers.				
50-54'2	Coarse grained green amphibolitic with abundant garnets.				
54'2-55'8	Ground.				
55'8-	Sediment light grey fine grained silicious with very fine banding no visible mineralization and very little evidence of sheering. 65'3-66' Ground. 71'5-72' Ground. 74'5-75' Ground. 82'-83' Ground. 83'-87'3 Increase in grain size with some pyrite. 84'6-86' Ground. 92'3-93'3 Dyke quartz diorite medium grained. 88'3-100 Some green (light) banding becoming evident with increase in mineralization evident but not appreciably.				
100-110	Sediment tuff fine to medium grained light green banded no evidence				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT:

HASAGA

Koval-Chuan Option.

Hole No. D.D. Z-22....

Logged by R.D.M.

Place SURFPPP... Location ... 4303.3N Direction ... N22W... Date

Dip: 0' -30° Elevation 5809.9E 5001.8

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32301	Sediment - light.	6-8	24"		1.05
02	Ditto.	8-10	24"		1.40
03 - 09	Ditto.	10-24			nil
10	Ditto.	24-26	24"		0.35
11	Ditto.	26-28	24"		3.85
12 - 15	Ditto.	28-15			nil
16	Ditto.	31-33	24"		1.75
17	Ditto.	33-40	24"		2.10
18	Ditto.	42-44	24"		1.40
19	Ditto.	44-46	24"		0.70
20	Ditto.	46-48	24"		nil
21	Ditto.	48-50	24"		0.35
22	Coarse amphibolite.	50-52	24"		nil
23	Coarse amphibolite.	52-54'2	26"		nil
24 - 88	Sediment lith.	55'8-65'3			nil
29 - 31	Ditto.	66-71'5			nil
32	Ditto.	72-74'5			nil
92	Sediment light grey.	75-77	24"		nil
93	Ditto.	77-79	24"		0.35
94	Ditto.	79-81	24"		nil
95	Ditto.	81-82	12"		nil
96	Ditto.	83-84'6	18"		nil
97 - 99	Ditto.	86-92'3			nil
30600	Dyke.	92'3-93'3	12"		nil
32333	Sediment some green bands.	93'3-95	21"		nil
34 - 36	Ditto.	95-100			nil
0-6	Casing.				
6-50	Sediment. Light grey silicious mineralization spotty. 18-19 Quartz vein abundant. pyrite. 24'6-26' Ground. 30'6-31' Dyke fine grained quartz diorite. 40-45 More silicious. 45-50 Getting lighter due to quartz stringers. Coarse grained green amphibolitic with abundant garnets. Ground. Sediment light grey fine grained silicious with very fine banding no visible mineralization and very little evidence of sheering. 65'3-66' Ground. 71'5-72' Ground. 74'5-75' Ground. 82'-83' Ground. 83'-87'3 Increase in grain size with some pyrite. 84'6-86' Ground. 92'3-93'3 Dyke quartz diorite medium grained. 88'3-100 Some green (lightax) banding becoming evident with increase in mineralization evident but not appreciably. Sediment Tuff Fine to medium grained light green banded no evidence				
50-54'2					
54'2-55'8					
55'8-					
100-110					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-22..Page 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	of mineralization some massive bands of amphibole (2")				
	END OF HOLE 110'				
<p>DUPLICATE COPY POOR QUALITY ORIGINAL TO FOLLOW</p>					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-22 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay Oz. Value
	of mineralization some massive bands End of hole 110'.	of amphibole	(2").	

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. **F-23**...

4894 N

Place **Spring**.... Location **5786 N E** Direction **N 22 W**... Date **July 1954**

Dip **0° - 30°**

Sample	Description	Footage	Width	Assay Oz. Au. per ton
0 - 8	Casing.			
8 - 26	Light grey siliceous sediments.			
26 - 26'7"	Dyke.			
26'7" - 52	Light grey siliceous sediment.			
52 - 65	Green amphibolitic garnetiferous tuff?			
65 - 100	Thin banded grey sediment.			
End of Hole 100' .				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-23...

4293.9N

Place...Surface.. Location. 5785.9E..... Direction N22W..... Date July 25/54

Elev. 5002.2

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assav	
				Oz.	Value
32401	Sediment.	8-10	24"		nil
02-11	ditto	10-26'7			nil
12	Light silicious.	26'7-27	5"		nil
13	Sediment.	27-29	24"		nil
14		29-30'6	18"		nil
15		30'6-32'5	23"		1.05
16		32'5-34'5	24"		nil
17		34'5-36'5	24"		5.60
18-20		36'5-42'5			nil
21		42'5-44'5	24"		1.75
22		44'5-46'5	24"		1.05
23		46'5-48'5	24"		4.55
24		48'5-50	19"		3.50
25	coarse garnets.	50-52	24"		4.90
26	ditto	52-54	24"		7.00
27-30	ditto	54-62'9			nil
31	ditto	63'5-64	7"		nil
32-34	sediment light	65-70			nil
35-44	sediment.	72-90'9			nil
45	dyke.	90'9-91'4	7"		nil
46	ditto	91'4-93	16"		nil
47	sediment.	93-95	24"		nil
48	sediment.	95-97	24"		nil
49	ditto	97-99	24"		0.70
50	ditto	99-100	24"		0.35
0'	Casing				
8'	Light silicious sediment. F.G. Amphibolitic. Quartz				
10'	Light and dark silicious sediment. Quartz bands, sulphides. Arsenopyrite.				
23'4"	Light sediment (Quartz) No mineralization.				
26'1"	Quartz diorite dyke. Mineralization Amphibolite.				
26'7"	Light sediment.				
30'6"	Light and dark sediment. Mineralization Amphibolitic				
32'5	Quartz diorite dyke Mineralization (as before)				
30'	medium grey silicious sediment. Mineralization/ F.G. sulphides				
50-52	ditto.				
52-65	Green banded amphibolitic abundant garnets.				
	56'9-59 Ground.				
	60'-61'7 Ground				
	62'9-63'5 Ground				
	64-65 Ground				
65-100	Sediment fine grained thin banded uniform some fine disseminated pyrite and arsenopyrite. Massive mineralization in places.				
	90'9-91'4				

END OF HOLE 100'

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DIAMOND DRILL REPORT.

HAS 04

Koval-Chuan Option.

Hole No. D.D. E-23

Logged by R.D.I.

Place Surface... Location 4293.9N 5785.9E Direction N22W Date July.25/54
 Dip: 0° -30° Elevation 5002.2

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32401	Sediment.	8-10	24"		nil
02 - 11	Ditto.	10-26'7			nil
12	Light silicious.	26'7-27	5"		nil
13	Sediment.	27-29	24"		nil
14		29-30'6	18"		nil
15		30'6-32'5	23"		1.05
16		32'5-34'5	24"		nil
17		34'5-36'5	24"		5.60
18 - 20		36'5-42'5			nil
21		42'5-44'5	24"		1.75
22		44'5-46'5	24"		1.05
23		46'5-48'5	24"		4.55
24		48'5-50	19"		3.50
25	Coarse garnets.	50-52	24"		4.90
26	Ditto.	52-54	24"		7.00
27 - 30	Ditto.	54-62'9			nil
31	Ditto.	63'5-64	7"		nil
32 - 34	Sediment light.	65-70			nil
35 - 44	Sediment.	72-90'9			nil
45	Dyke.	90'9-91'4	7"		nil
46	Ditto.	91'4-93	16"		nil
47	Sediment.	93-95	24"		nil
48	Sediment.	95-97	24"		nil
49	Ditto.	97-99	24"		0.70
50	Ditto.	99-100	24"		0.35
0'	Casing.				
8'	Light silicious sediment. F.G. Amphibolitic. Quartz.				
10'	Light and dark silicious sediment. Quartz bands, sulphides, Arsenopyrite.				
23'4"	Light sediment (Quartz?) No mineralization.				
26'1"	Quartz diorite dyke. Mineralization Amphibolite.				
26'7"	Light sediment.				
30'6"	Light and dark sediment. Mineralization Amphibolitic				
3285"	Quartz diorite dyke Mineralization(as before).				
30'	xxxx Medium grey silicious sediment. Mineralization/ F.G. Sulphides				
50-52	Ditto.				
52-65	Green banded amphibolitic abundant garnets.				
	56'9-59' Ground.				
	60'-61'7 Ground.				
	62'9-63'5 Ground.				
	64-65' Ground.				
65-100	Sediment fine grained thin banded uniform some fine disseminated pyrite and arsenopyrite. Massive mineralization in places.				
	90'9-91'4 Dyke.				
	End of hole 100'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. ..E-24..

Place Surface Location. 4285 N Direction ..N22W..... Date July. 1954..
 5764 E

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing				
10-36½	Light colored sediments.				
36½-50	Green banded amphibolitic tuff?				
50-103	Grey sediments.				
	END OF HOLE 103'				

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. **K-24**

4285 N.

Place **Surface** Location **5764 E** Direction **N 22 W** Date **July 1954**

Dip : 0' - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-36 $\frac{1}{2}$	Light colored sediments.				
36 $\frac{1}{2}$ -50	Green banded amphibolitic tuff?				
50-103	Grey sediments.				
	End of Hole 103'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,
HASAGA
Koval-Ohman Option.

Hole No. D.D. E-24

Logged by R.D.M.

Place Surface

4285.3N

Location 5763.6E Direction N22W Date July 26/54

Dip: 0' -30°

Elevation 5002.2

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32459	Sediment.	10-12	24"		nil
60	Sediment.	12-14	24"		nil
61	Sediment.	15'9-17	15"		nil
62	Sediment.	17-19	24"		0.35
64 - 63	Sediment.	19-21	24"		1.40
64 - 66	Sediment.	21-27			nil
67	Sediment.	27-29	24"		0.35
68 - 71	Sediment.	29-35			nil
72	Dyke.	35-36'6	18"		nil
73	Sediment.	36'6-38	18"		nil
74	Sediment.	38-40	24"		0.35
75	Sediment.	40-42	24"		nil
76	Sediment.	42-44	24"		1.40
77	Sediment.	44-46	24"		nil
78	Sediment.	46-48	24"		nil
79	Sediment.	48-50	24"		2.45
80	Sediment.	50-52	24"		nil
81	Light and grey sediment.	52-54	24"		nil
82	Sediment.	54-56	24"		0.70
83	Sediment.	56-58	24"		1.75
84	Sediment.	58-60	24"		4.55
85	Sediment.	60-62	24"		nil
86	Sediment.	62-63'6	18"		1.75
87	Sediment.	65-66	12"		0.35
88	Sediment.	66-68	24"		2.80
89	Sediment.	68-68'6	6"		nil
90	Sediment.	69'8-71	16"		nil
92 - 91	Sediment.	71-72'6	18"		nil
92 - 94	Sediment.	73-79			nil
95	Sediment.	79-81	24"		0.70
96	Sediment.	81-83	24"		nil
97	Sediment.	84-86	24"		2.10
98	Sediment.	86-88	24"		nil
99	Sediment.	88-88'6	6"		1.40
32500	Sediment.	93-95	24"		nil
01	Sediment.	95'6-97	18"		1.05
02	Sediment.	97-98'7	19"		nil
03 - 05	Sediment.	99'9-104			nil
06	Sediment.	104-105	12"		2.80
0'	Casing.				
10'	Light and (green) sediment. F.G. sulphides. Amphibolitic.				
25'	Ditto.				
27'	Light and green banded sediment. Banding more prominent than before.				
33'6	Light banded sediment.				
35'	Dark grey granitic texture C.G. Mineralization.				
36'6	Amphibolitic. sulphides (Dyke) Light and green banded sediment. F.G. Mineralization amphibolitic sulphides.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. F-24 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
.50'	Light and green banded (as 36'6)				
69'3"	Ditto fine bands.				
73'	Medium grey sediment. F.G. Amphibolitic.				
75'	(2"x $\frac{1}{2}$ ") Sulphides chalcopyrite.				
81'3"					
94'9"	Same as above, lighter in color.				
100'	Ditto.				
103'	End of hole 103'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-27.....

4201 N

Place Surface..... Location 5500 E..... Direction N22W..... Date July 1954.

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
0-5	Casing				
5-42	Generally fine grained grey sediment.				
42-50	Green and dark banded with some garnets.				
50-57	Fine dark sediment with numerous quartz stringers.				
57-66	Quartzite.				
66-75	Grey and dark banded sediment.				
75-91	Brown well banded sediment with narrow quartz stringers.				
91-119	Dark and light banded sediment.				
END OF HOLE 119'					
<p>DUPLICATE COPY POOR QUALITY ORIGINAL TO FOLLOW</p>					

XXXXXXXXXXXXXXXXXXXXXXXXXX

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. 5-27...

4201 N

Place ~~Srffppp~~... Location5500 E... Direction N...22 E W Date July 1954.

Dip: 0° - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 5	Casing.				
5 - 42	Generally fine grained grey sediment.				
42-50	Green and dark banded with some garnets.				
50-57	Fine dark sediment with numerous quartz stringers.				
57-66	Quartzite.				
66-75	Grey and dark banded sediment.				
75-91	Brown well banded sediment with narrow quartz stringers.				
91-119	Dark and light banded sediment.				
	End of Hole 119'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.S. 0A
Koval-Uhman Option

Hole No. D.D. K-27...

Logged by R.D.U.

Place Surface...

4200.9N

Location ...

5500.9E

Direction ... N22W

Date July. 30/54

Elevation ... 4996.8

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32536	Sediment light	5-7	24"		nil
37	Ditto.	7-8	12"		nil
38	Dyke.	9-10'6	18"		nil
39	Sediment light silicious.	11'6-13'10	28"		nil
40	Ditto.	17-17'8	8"		nil
41	Ditto.	18-18'10	10"		nil
42	Ditto.	19-21	24"		nil
43	Ditto.	21-22	12"		nil
44	Ditto.	23-25	24"		1.05
45	Sediment.	25-27	24"		nil
46	Ditto.	27-29	24"		nil
47	Ditto.	29'6-30	6"		5.95
48	Ditto.	30'6-32	18"		nil
49	Ditto.	32-34	24"		nil
50	Ditto.	34-34'10	10"		nil
51	Ditto.	35'6-37	18"		0.70
52	Ditto.	37-38	12"		0.70
53	Sediment dark garnetiferous.	42-43'6	18"		4.20
54	Ditto.	45-47	24"		nil
55	Ditto.	47-49'6	30"		nil
72	Sediment fine grained dark.	50-52	24"		nil
73	Ditto.	52-53'9	21"		nil
74	Ditto.	54-56	24"		nil
75	Ditto.	56-57'10	12"		nil
76	Dark coarse grained quartzite.	57-59'6	30"		nil
77	Ditto.	61-62'5	17"		nil
78	Ditto.	63-64'7	19"		nil
79	Ditto.	65'6-66	6"		nil
80	Sediment tuff?	66-67	12"		nil
81	Ditto.	68-70	24"		nil
82	Ditto.	70-72	24"		nil
83	Ditto.	72-74	24"		nil
84	Ditto.	74-75	12"		nil
32601	Sediment.	75-77	24"		nil
02	Sediment.	77-77'4	4"		nil
03	Ditto.	78'6-80	18"		nil
04	Ditto.	80-82	24"		nil
05	Ditto.	82-84	24"		nil
06	Ditto.	84-86	24"		0.35
07	Ditto.	86-88	24"		0.70
08	Ditto.	88-90	24"		nil
09	Ditto.	90-91	12"		nil
10	Sediment light	91-93	24"		1.75
11	Ditto.	93-95	12"		1.75
12	Sediment fine grained dark.	94-96	24"		nil
13	Ditto.	96-99	24"		nil
14	Ditto.	99-100	12"		nil
31508	Dyke.	100-101'2	14"		nil

PICKLE CROW GOLD MINES LTD

DIAMOND DRILL REPORT

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Hole No. D.D. ...E-27...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
31509	Sediment fine grained dark	101'2-103	22"		nil
10	ditto	103-105	24"		nil
11	ditto	105-107	24"		nil
12	ditto	107-109	24"		nil
13	ditto	109-110	12"		nil
14	ditto	111-113	24"		nil
15	ditto	113-115	24"		nil
16	sediment lighter	115-117	24"		nil
17	ditto	117-119	24"		nil
0-5	Casing				
5-42	Sediment fine grained light banded with fine disseminated pyrite some evidence of shearing (minor) 8-9 Ground. 9-10'6 Dyke medium grained. quartz diorite. 10'11-11'6 Ground. 13'10-17 Ground 17'8-18 Ground 18'10-19 Ground 22-23 Ground 29'6-30'6 Ground 34'10-35'6 Ground. 38-42 Ground.				
42-50	Sediment dark and green medium grained with garnets very little mineralization pyrite. 43'8-45 Ground 49'6-50 Ground				
50-57	Sediment fine grained dark with some blue quartz stringers also some quartz veinlets a little pyrite very minor. 53'9-54 Ground.				
57-66	Dark coarse grained quartzitic like with abundant pyrite and arsenopyrite. 58-58'6 Ground 62'5-63 Ground 64'7-65'6 Ground				
66-75	Sediment tuff. Grey and dark banded well serpentized with small garnets (red) no visible mineralization but some quartz inclusions and rare blue quartz veinlets. 67-68 Ground.				
75-91	Sediment brown and light with some pyrite, well banded with quartz veins along irregular shearplanes.				
91-94	Sediment light banded almost a quartzite with disseminated mineralization in places. Blue quartz veining in last foot or so very prominent. 77'4-78'6 Ground.				
94-119	Sediment, fine grained dark and light banded some shearing (minor) some pyrite and pyrrhotite not to prominent. 98-99 Ground.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-27

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31509	Sediment fine grained dark.	101'2-103	22"		nil
10	Ditto.	103-105	24"		nil
11	Ditto.	105-107	24"		nil
12	Ditto.	107-109	24"		nil
13	Ditto.	109-110	12"		nil
14	Ditto.	111-113	24"		nil
15	Ditto.	113-115	24"		nil
16	Sediment lighter.	115-117	24"		nil
17	Ditto.	117-119	24"		nil
0-5	Casing.				
5-42	Sediment fine grained light banded with fine disseminated pyrite some evidence of shearing (minor) 8'9 Ground. 9-10'6 Dyke medium grained quartz chlorite. 10'11-11'6 Ground. 13'10-17 Ground. 17'8-18 Ground. 18'10-19 Ground. 22-23 Ground. 29'6-30'6 Ground. 34'10-35'6 Ground. 38-42 Ground.				
42-50	Sediment dark and green medium grained with garnets very little mineralization pyrite. 43'8-45 Ground. 49'6-50 Ground.				
50-57	Sediment fine grained dark with some blue quartz stringers also some quartz veinlets a little pyrite very minor. 53'9-54 Ground.				
57-66	Dark coarse grained quartzitic like with abundant pyrite and arsenopyrite. 58-58'6 Ground. 62'5-63 Ground. 64'7-65'6 Ground.				
66-75	Sediment tuff. Grey and dark banded well serpentinized with small garnets (red) no visible mineralization but some quartz inclusions and rare blue quartz veinlets. 67-68 Ground.				
75-91	Sediment brown and light with some pyrite, well banded with quartz veins along irregular shearplanes.				
91-94	Sediment light banded almost quartzite with disseminated mineralization in places. Blue quartz veining in last foot or so very prominent. 77'4-78'6 Ground.				
94-119	Sediment, fine grained dark and light banded some shearing (minor) some pyrite and pyrrhotite not to prominent. 98-99 Ground.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-27 Page 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	100-101'2 Dyke medium grained quartz diorite. 110-111 Ground 115-119 lighter with pyrite more prominent.				
	END OF HOLE 119'				

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DIAMOND DRILL REPORT.

Hole No. D.D. E-27 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	100-101'2. Dyke medium grained quartz diorite.				
	110-111 Ground.				
	115-119 lighter with pyrite more prominent.				
	End of hole 119'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-28.....

4505 N

Place Surface Location 6533.6E Direction N 26 W Date Aug.1954

Dip: 0' -45°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing				
12-19	Light and green banded sediment.				
49-50	Rhyolite.				
50-147	Generally grey well banded sediment.				
147-150	Fine grained dark sediment.				
150-163½	Fine grey sediment				
163½-167'4	Dioritic dyke.				
167'4-181¾	Light grey highly siliceous sediment.				
181¾-200'5	Coarse grained dyke.				
200'5-220	Fine grained dark sediment.				
220-229'7	Siliceous grey sediment.				
229'7-230'4	Dyke				
230'4-305	Green and dark banded, sometimes amphibolitic tuff.				
305-314	Siliceous zone with quartz stringers.				
314-337	Green and dark banded tuff.				
337-341	Dyke and quartz vein.				
341-350	Brown and light banded fine grained sediment				
350-500	Generally green and dark banded tuff with garnetiferous bands.				
500-515½	Dark silicified sediment.				
515½-649	Medium grey siliceous sediment cut by narrow dykes.				
END OF HOLE 649'					

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. ~~5-38~~..

4505 N

Plane ~~999999~~... Location .6533-S.E. Direction N.26.W.... Date Aug..1954.

Dip: 0' - 45°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing.				
12-19	Light and green banded sediment.				
49-50	Rhyolite.				
50-147	Generally grey well banded sediment.				
147-150	Fine grained dark sediment.				
150-163	Fine grey sediment.				
163-167	4" Dioritic dyke.				
167-181	4" Light grey highly siliceous sediment.				
181-200	5" Coarse grained dyke.				
200-220	5" Fine grained dark sediment.				
220-229	7" Siliceous grey sediment.				
229-230	4" Dyke.				
230-305	Green and dark banded, sometimes amphibolitic tuff.				
305-314	Siliceous zone with quartz stringers.				
314-337	Green and dark banded tuff.				
337-341	Dyke and quartz vein.				
341-350	Brown and light banded fine grained sediment.				
350-500	Generally green and dark banded tuff with garnetiferous bands.				
500-515	Dark silicified sediment.				
515-649	Medium grey siliceous sediment cut by narrow dykes.				

End of Hole 649'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. .E-28..

4505 N

Place..... Location. 6533.6E..... Direction N 26W..... Date Aug.9/54
 ELEV. 5011.5

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31557	Light and green sediment.	12-14	24"		nil
58	ditto	14-16	24"		1.75
59	ditto	16-40			nil
78	ditto	40-42	24"		0.70
79	ditto	42-46	48"		nil
81	ditto	46-48	24"		1.40
82	ditto	48-57			nil
32624	Sediment	57-58	12"		2.80
25	Sediment.	58-74	nil		nil
33	sediment	74-76	24"		0.35
34	sediment	76-78	24"		nil
35	sediment	76-80	24"		3.15
	sediment	80-100			nil
	sediment light and green banded.	100-147			nil
31722	sediment tuff	147-149	24"		nil
23	ditto	149-150	12"		nil
	sediment	150-163'6			nil
	dyke	163'6-167'4	4		nil
	sediment	167'4-181'4	4		nil
	dyke	181'4-200'3	3		nil
	sediment	200'3-229'3	3		nil
31776	dyke	229'3-230'4	4	13"	nil
31777	sediment	230'4-232		20"	nil
31778	sediment	232-234		24"	0.35
	sediment	234-248			nil
31786	dyke	248'7-249'7	7	12"	nil
	sediment	249'7-298			nil
31613	sediment	298-300		24"	1.05
	sediment	300-306			nil
31618	sediment	306-308		24"	7.70
31619	sediment	308-310		24"	4.90
31620	sediment.	310-312		24"	3.15
31621	sediment	312-314		24"	4.90
31622	sediment	314-316		24"	nil
31623	sediment	316-318		24"	0.70
	sediment	318-337			nil
31634	dyke	337-339			nil
31635	Quartz.	339-341		24"	nil
31636	sediment	341-343		24"	nil
31637	sediment	343-345		24"	2.10
31638	sediment	345-347		24"	2.45
31639	sediment	347-349		24"	3.15
	sediment	349-351			nil
31642	sediment	351-353		24"	3.50
	sediment	353-357			nil
31645	sediment	357-359		24"	0.70
	sediment	359-381			nil
31658	sediment	381-383		24"	0.35
	sediment	383-420			nil

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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.S.A.G.A

Kovalevskan Optica.

Hole No. D.D. ..E-28.

Logged by R. J.

Place Location ⁴³⁰⁵⁴ _{2533.62} Direction ^{N 76 W} Date 4/3/54
 ELEV 5011.5

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31557	light and green sediment.	12-14	24"	nil	
58	Ditto.	14-16	24"	1.75	
59	Ditto	16-40		nil	
73	Ditto.	40-42	24"	0.70	
79	Ditto.	42-46	48"	nil	
81	Ditto.	46-48	24"	1.40	
82	Ditto.	48-57		nil	
32624	Sediment.	57-58	12"	2.80	
25	Sediment.	58-74	nil	nil	
33	Sediment.	74-76	24"	0.35	
34	Sediment.	76-78	24"	nil	
35	Sediment.	78-80	24"	3.15	
	Sediment.	80-100		nil	
	Sediment light and green banded.	100-147		nil	
31722	Sediment tuff	147-149	24"	nil	
23	Ditto.	149-150	12"	nil	
	Sediment.	150-163	6	nil	
	Dyke.	163'6-167	4	nil	
	Sediment.	167'4-181	4	nil	
	Dyke	181'4-200	3	nil	
	Sediment.	200'5-229	3	nil	
31776	Dyke	229'5-230	4	13"	nil
31777	Sediment.	230'4-232		20"	nil
31778	Sediment.	232-234		24"	0.35
	Sediment.	234-248			nil
31786	Dyke.	248'7-249	7	12"	nil
	Sediment.	249'7-298			nil
31613	Sediment.	298-300		24"	1.05
	Sediment.	300-306			nil
31618	Sediment.	306-308		24"	7.70
31619	Sediment.	308-310		24"	4.90
31620	Sediment.	310-312		24"	3.15
31621	Sediment.	312-314		24"	4.90
31622	Sediment.	314-316		24"	nil
31623	Sediment.	316-318		24"	0.70
	Sediment.	318-337			nil
31634	Dyke.	337-339			nil
31635	Quartz.	339-341		24"	nil
31636	Sediment.	341-343		24"	nil
31637	Sediment.	343-345		24"	2.10
31638	Sediment.	345-347		24"	2.45
31639	Sediment.	347-349		24"	3.15
	Sediment.	349-351			nil
31642	Sediment.	351-353		24"	3.50
	Sediment.	353-357			nil
31645	Sediment.	357-359		24"	0.70
	Sediment.	359-381			nil
31658	Sediment.	381-383		24"	0.35
	Sediment.	383-420			nil

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DIAMOND DRILL REPORT

Hole No. D.D. E-28..Page 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31678	Sediment	420-422	24"		0.35
	sediments	422-428			nil
31682	sediment	428-430	24"		1.05
	sediment	430-454			nil
31695	sediment	454-455	12"		0.35
	sediment	455-469			nil
31803	sediment	469-471	24"		1.05
	sediment	471-502			nil
31850	sediment	502-504	24"		0.35
	sediment	504-512			nil
31855	sediment	512-514	24"		1.75
	sediment	514-542			nil
31871	sediment	542-544	24"		1.05
	sediment	544-560'6			nil
31881	dyke	563'9-565	13"		nil
31882	sediment	565-567	24"		nil
31883	sediment	567-569	24"		1.40
31884	sediment	569-570	12"		0.70
	sediment	573-578			nil
31888	dyke	578-578'6	18"		5.95
	sediment	578'6-582			nil
31891	sediment	582-584	24"		0.70
31892	sediment	584-586	24"		nil
31893	sediment	586-588	24"		nil
94	dyke	588-588'8	8"		nil
95	dyke	589-591	24"		nil
96	dyke	591-593	24"		nil
97	dyke	503-594'9	21"		nil
98	sediment	599'1-600	11"		nil
99	sediment	600-602	24"		nil
31900	sediment	602-604	24"		nil
01	sediment	608'6-610	18"		nil
02	sediment	610-612	24"		nil
03	sediment	612-614	24"		nil
04	sediment	614-616	24"		nil
05	sediment	616-618	24"		nil
06	sediment	618-620	24"		nil
07	dyke	620-621	12"		nil
08	sediment	621-623	24"		nil
09	sediment	623-625	24"		nil
10	sediment	623-623'8	8"		nil
11	dyke	623'8-628	28"		nil
12	sediment	628-630	24"		nil
13	sediment	630-630'10	10"		nil
14	dyke	631'8-633'2	18"		nil
15	dyke	633'2-635	22"		nil
16	dyke	635-637	24"		nil
17	dyke	637-639	24"		nil

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DIAMOND DRILL REPORT.

Hole No. D.D. F-28 Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31678	Sediment.	420-422	24"		0.35
	Sediment.	422-428			nil
31682	Sediment.	428-430	24"		1.05
	Sediment.	430-454			nil
31695	Sediment.	454-455	12"		0.35
	Sediment.	455-469			nil
31803	Sediment.	469-471	24"		1.05
	Sediment.	471-502			nil
31850	Sediment.	502-504	24"		0.35
	Sediment.	504-512			nil
31855	Sediment.	512-514	24"		1.75
	Sediment.	514-542			nil
31871	Sediment.	542-544	24"		1.05
	Sediment.	544-550	6		nil
31881	Dyke	563'9-565	13"		nil
31882	Sediment.	565-567	24"		nil
31883	Sediment.	567-569	24"		1.40
31884	Sediment.	569-570	12"		0.70
	Sediment.	573-578			nil
31888	Dyke.	578-578	6 18"		5.95
	Sediment.	578'6-582			nil
31891	Sediment.	582-584	24"		0.70
31892	Sediment.	584-586	24"		nil
31893	Sediment.	586-588	24"		nil
94	Dyke.	588-588	8 8"		nil
95	Dyke	589-591	24"		nil
96	Dyke.	591-593	24"		nil
97	Dyke	593-594	9 21"		nil
98	Sediment.	599'1-600	11"		nil
99	Sediment.	600-602	24"		nil
31900	Sediment.	602-604	24"		nil
01	Sediment.	608'6-610	18"		nil
02	Sediment.	610-612	24"		nil
03	Sediment.	612-614	24"		nil
04	Sediment.	614-615	24"	nil	nil
05	Sediment.	616-618	24"		nil
06	Sediment.	618-620	24"		nil
07	Dyke.	620-621	12"		nil
08	Sediment.	621-623	24"		nil
09	Sediment.	623-625	24"		nil
10	Sediment.	623-623	8 8"		nil
11	Dyke.	623'8-628	28"	nil	nil
12	Sediment.	628-630	24"		nil
13	Sediment.	630-630	10 10"		nil
14	Dyke.	631'8-633	2 18"		nil
15	Dyke.	633'2-635	22"		nil
16	Dyke.	635-637	24"		nil
17	Dyke.	637-639	24"		nil

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DIAMOND DRILL REPORT

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Hole No. D.D. E-28 Page 3

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31918	Sediment	639-641	24"		nil
19	sediment	641-643	24"		nil
20	sediment	643-645	24"		nil
21	sediment	645-647	24"		nil
22	sediment	647-649	24"		nil
0-12	Casing				
12-49	Light and green sediment. Amphibole sulphides and mica				
49-50	Silicious rhyolite.				
50-57	Light and green sediment. Amphibole sulphides and mica Garnets				
57-100	Much grey sediment. Amphibole fairly well mineralized. Quartz				
	73-74 Granodiorite dyke.				
100-147	Sediment, light and grey banded with little shearing. Fair amount of pyrite with no particular association.				
147-150	Sediment Tuff? fine grained dark with some shearing with massive concentration of muscovite in sheer zone - and some massive arsenopyrite.				
150-163'6	Sediment fine frained grey and light with abundant pyrite and some blue quartz veinlets.				
163'6-167'4	Dyke possibly biotite with abundant pyrite coarse grained				
167'4-181'9	Sediment Light grey and light fine grained highly silicious with much drag folds and minor faults highly mineralized pyrite and pyrrhotite, with a little arsenopyrite.				
181'4-200'5	Dyke possibly biotite with abundant mineralization pyrite coarse grained.				
200'5-220	sediment. fine grained dark banded with abundant pyrite and some pyrrhotite a few blue quartz veins.				
220-223'6	Silicious zone light highly heared well silicified by pyrite cubes some pyrrhotite very fine grained				
223'6-229'7	Sediment SOS as 200-220				
229'3-230'4	Dyke				
230'4-250	Sediment fine grained green and dark banded with pyrite and pyrrhotite also some chalcopyrite in one isplated spot.				
	248'7-249'7 dyke				
250-260	Coarse grained green amphibolitic abundant mica biotite.				
260-305	Light green and dark banded. Tuff fine grained veinlets and in place blebs of mineralization. A few calcite stringers and some chlorite bands.				
305-286'2	dyke				
286'2-297	dyke				
305-314	Silicious highly sheared and banded with mineralization along shearplanes (pyrite) some minor quartz veinlets.				
314-324	SOS as 260-305				
324-327	Highly garnetiferous with pyrite.				
327-337	SOS				
337-339	Dyke				
339-341	Quartz vein with dyke inclusions				
341-350	Sediment tuff? Brown and light fine grained with pyrite throughout some blue quartz veinlets and also some quartz veinlets.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. .. F-20. Page 3.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31918	Sediment.	639-641	24"		nil
19	Sediment.	641-643	24"		nil
20	Sediment.	643-645	24"		nil
21	Sediment.	645-647	24"		nil
22	Sediment.	647-649	24"		nil
0 - 12	Casing.				
12 - 49	Light and green sediment. Amphibole sulphides and mica.				
49 - 50	Silicious rhyolite.				
50 - 57	Light and green sediment. Amphibole sulphides and mica. Garnets.				
58 - 100	Much grey sediment. Amphibole fairly well mineralized. Quartz 73-74 Granodiorite Dyke.				
100 - 147q	Sediment, light and grey banded with little shearing. Fair amount of pyrite with no particular association.				
147 - 150	Sediment Tuff? fine grained dark with some shearing with massive concentration of muscovite in sheer zone - and some massive arsenopyrite.				
150 - 163'6	Sediment fine frained grey and light with abundant pyrite and some blue quartz veinlets.				
63'6 - 167'4	Dyke possibly biotite with abundant pyrite coarse grained.				
67'4 - 181'9	Sediment. Light grey and light fine grained highly silicious with much drag folds and minor faults highly mineralized pyrite and pyrrhotite, with a little arsenopyrite.				
81'4 - 200'9	Dyke possibly biotite with abundant mineralization pyrite coarse grained.				
200'5 - 220	Sediment. fine grained dark banded with abundant pyrite and some pyrrhotite, a few blue quartz veins.				
220 - 223'6	Silicious zone light highly heared well mineralized silicified by pyrite cubes some pyrrhotite very fine grained				
223'6 - 229'7	Sediment SOS as 200-220,				
229'3 - 230'4	Dyke/				
230'4 - 250	Sediment fine grained green and dark banded with pyrite and pyrrhotite also some chalcopyrite in one isolated spot. 248'7-249'7 Dyke.				
250 - 260	Coarse grained green amphibolitic abundant mica biotite .				
260 - 305	Light green and dark banded. Tuff fine grained veinlets and in place blebs of mineralization. A few calcite stringers and some chlorite bands.				
5'3 - 286'2	Dyke.				
286'5 - 297	Dyke.				
305 - 314	Silicious highly sheared and banded with mineralization along shearplanes (pyrite) some minor quartz veinlets.				
314 - 324	SOS as 260-305				
324 - 327	Highly garnetiferous with pyrite.				
327 - 337	SOS				
337 - 339	Dyke.				
339 341	Quartz vein with dyke inclusion.				
341 - 350	Sediment Tuff? Brown and light fine grained with pyrite throughout some blue quartz veinlets and also some quartz veinlets.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-28 Page 4

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
350-355	Green abnded light garnetiferous.				
355-450	Sediment tuff green and dark banded fine grained very little miner- alization good evidence of crossbedding cut by quartz vein (3' and consequently silicious on the margin and mineralization (pyrite) 363'8-369'6 dyke 392-394 Garnetiferous. 435'2-436'8 dyke 438'7-440 dyke 445-446'2 Silicious.				
450-455	Coarse grained green amphibolitic.				
455-475	Fine grained light green highly silicious much pyrite some pyrhotite				
475-500	Sediment tuff fine grained green and dark banded a fine chlorite band and some isolated garnets.				
500-515'6	Dark silicious sediment. Garnets 3/16'. Very well mineralized Sulphides and arsenopyrite.				
515'6-550	Medium grey silicious sediment. Highly silicious fair mineralization sulphides and massive arsenopyrite.				
550-578	ditto				
578-578'6	Quartz diorite dyke.				
578'6-589	ditto				
589-593	Quartz diorite dyke				
593-600	ditto				
	560'6-563'9 Ground				
	570-573 Ground				
	588'3-589 Ground				
	595-599 Ground				
600-608'6	ditto				
608'6-610	dyke quartz diorite				
610-620	ditto				
620-621	dyke quartz diorite				
621-623'8	ditto				
623'8-628	Grano diorite dyke				
628-630'10	Sediment as before				
630'10-631'8	Grano diorite dyke				
631'8-633'2	sediment, ditto				
633'2-639	Grano diorite dyke				
639-649	sediment, ditto				
END OF HOLE 649'					

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TO FOLLOW**

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-28 Page 4.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
350 - 355	Green abnded light garnetiferous.				
355 - 450	Sediment Tuff Green and dark banded fine grained very little mineralization good evidence of crossbedding cut by quartz vein (3") and consequently silicious on the margin and mineralization (pyrite)				
	363'8-369'6 Dyke				
	392-394 Garnetiferous.				
	435'2-436'8 Dyke.				
	438'7-440 Dyke.				
	445-446'2 Silicious.				
450 - 455	Coarse grained green amphibolitic.				
455 - 475	Fine grained light green highly silicious much pyrite some pyrrhotite.				
475 - 500	Sediment tuff fine grained green and dark banded a fine chlorite band and some isolated garnets.				
500 - 515'6	Dark silicious sediment. Garnets 3/16". Very well mineralized. Sulphides and arsenopyrite.				
515'6 - 550	Medium grey silicious sediment. Highly silicious fair mineralization. Sulphides and massive arsenopyrite.				
550 - 578	Ditto.				
578 - 578'6	Quartz diorite dyke.				
578'6-589	Ditto.				
589 - 593	Quartz diorite dyke.				
593 - 600	Ditto.				
	600'6 - 563'9 Ground.				
	570 - 573 Ground.				
	588'3 - 589 Ground.				
	595 - 599 Ground.				
600 - 608'6	Ditto.				
608'6 - 610	Dyke quartz diorite.				
610 - 620	Ditto.				
620 - 621	Dyke quartz diorite.				
621 - 623'8	Ditto.				
623'8 - 628	Grano diorite dyke.				
628 - 630'10	Sediment as before.				
630'10 - 631'8	Grano diorite dyke.				
631'8 - 633'2	Sediment, Ditto.				
633'2 - 639	Grano diorite dyke.				
639 - 649	Sediment, Ditto.				
	End of hole 649'				

~~DEWEE CROWN GOLD MINES LTD.~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. E-29

4386 N

5427 E

S 22° E

Date Aug. 1954.

Place Surface Location Direction Date

Dip 0° - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0 - 12	Casing.				
12-32'4"	Dark siliceous sediment.				
32'4"-34	Dyke				
34-70	Medium grained siliceous sediment.				
70-117	Grey sediments.				
	End of Hole 117'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Koval-Ohman Option

Hole No. D.D. E-29

Logged by R.J.W.

Place Surface

4385.8 M

5426.6 E

Location 4997.2 Direction S 22° E Date Aug. 5/54

Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31584	Sediment.	75-77	24"		nil
85	Sediment.	77-79	24"		nil
86	Sediment.	79-81	24"		nil
87	Sediment.	81-83	24"		nil
88	Sediment.	83-85	24"		nil
89	Sediment.	85-87	24"		nil
90	Sediment.	87-89	24"		nil
91	Sediment.	89-91	24"		nil
92	Sediment.	91-93	24"		nil
93	Sediment.	93-95	24"		nil
94	Sediment.	95-97	24"		nil
95	Sediment.	97-99	24"		nil
96	Sediment.	99-101	24"		nil
97	Sediment.	101-103	24"		0.70
98	Sediment.	103-105	24"		1.40
99	Sediment.	105-107	24"		0.70
31600	Sediment.	107-109	24"		nil
32615	Sediment.	109-111	24"		nil
16	Sediment.	111-113	24"		nil
17	Sediment.	113-115	24"		nil
18	Sediment.	115-117	24"		1.05
19	Sediment.	117-118	18"		nil
31522	Sediment.	12-14	24"		nil
23	Sediment.	14-16	24"		nil
24	Sediment.	16-18	24"		nil
25	Sediment.	18-20	24"		nil
26	Sediment.	20-22	24"		nil
27	Sediment.	22-24	24"		nil
28	Sediment.	24-25	12"		nil
29	Sediment.	25-27	24"		nil
30	Sediment.	27-29	24"		nil
31	Sediment.	29-30	12"		nil
32	Sediment.	30'6-31'6	12"		nil
33	Sediment.	32'4-34	20"		nil
34	Sediment.	34-36	24"		nil
35	Sediment.	36-37'6	18"		nil
36	Sediment.	37'6-38'3	9"		nil
37	Sediment.	38'9-40	15"		nil
38	Sediment.	40-42	24"		0.35
39	Sediment.	42-44	24"		0.70
40	Sediment.	44-46	24"		1.05
41	Sediment.	46-48	24"		1.40
42	Sediment.	48-50	24"		3.85
43	Sediment.	50-52	24"		4.90
44	Sediment.	52-54	24"		2.80
45	Sediment.	54-56	24"		1.05
46	Sediment.	56-58	24"		1.75
47	Sediment.	58-60	24"		3.15
48	Sediment.	60-61	12"		nil

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. . . E-29. . Page 2

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31549	Sediment	61-63	24"		nil
50	sediment	63-65	24"		2.10
51	sediment	65-67	24"		0.35
52	sediment	67-68	24"		1.05
53	sediment	69-70	12"		nil
54	sediment	70-72	24"		nil
55	sediment	72-74	24"		nil
56	sediment	74-75	12"		2.10
0-12	Casing				
12-25	Dark silicious sediment. Amphibole some sulphides.				
25-32'4	ditto				
	30-30'6 ground				
	31'6-32'4 ground				
	38'3-38'9 ground				
32'4-34	dyke (granodiorite) amphibole.				
34-50	Medium grained silicious sediment. Amphibole some sulphides.				
50-61	A little darker, bands more pronounced but very similar to above.				
70-75	Medium grey sediments. Amphibole some sulphides				
75-100	ditto				
100-117	ditto				
END OF HOLE 117'					
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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D.E-29. Page 2.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31549	Sediment.	61-63	24"		nil
50	Sediment.	63-65	24"		2.10
51	Sediment.	65-67	24"		0.35
52	Sediment.	67-68	24"		1.05
53	Sediment.	69-70	12"		nil
54	Sediment.	70-72	24"		nil
55	Sediment.	72-74	24"		nil
56	Sediment.	74-75	12"		2.10
0 - 12	Casing .				
12 - 25	Dark silicious sediment. Amphibole some sulphides.				
25 - 32'4	Ditto.				
	30-30'6 Ground.				
	31'6-32'4 Ground.				
	38'3-33'9 Ground.				
2'4 - 34	Dyke (Granodiorite) Amphibole.				
34 - 50	Medium grained silicious sediment. Amphibole some sulphides.				
50 - 61	A little darker, bands more pronounced but very similar to above.				
70 - 75	Medium greyish sediments. Amphibole some sulphides.				
75 - 100	Ditto.				
100 - 117	Ditto.				
	End of hole 117'				

PICKLE CREEK GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. **F-20**

4377 N

Place **Surface** Location **5420 F** Direction **N 27 W** Date **4/25/1954**

Dip: **0° - 30°**

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-7	Casing.				
7-14	Light siliceous sediment.				
14-25	Rhyolite.				
25-26	Quartz vein.				
26-80' 10"	Green and dark to green and brown banded tuff				
80' 10"-89	Light and brown banded sediment.				
89-115	Greenstone.				
115-120	Fine light colored siliceous sediment.				
	End of Hole 120'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-30...

4376.95N

Place..... Location. .5419,9E.... Direction .N.22.W.... Date Aug 6/54
 ELEV. 4996.4

DIP: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
32646	Sediment	7-9	24"		nil
47	sediment	9-11	24"		nil
48	sediment	11-13	24"		nil
49	sediment	13-14	12"		nil
50	rhyolite	14-15	12"		nil
51	rhyolite	15-17	24"		nil
52	"	17'5-19	19"		nil
53	"	19-21	24"		nil
54	"	21-23	24"		nil
55	"	23-25	24"		nil
56	Quartz veins.	25-26	12"		nil
57	sediment green and brown	26-28	24"		nil
58	ditto	28-30	24"		nil
59	ditto	30-32	24"		nil
60	ditto	32-34'6	30"		nil
61	ditto	35-36	12"		nil
62	amphibolite	36-38	24"		nil
63	ditto	38-39'6	18"		nil
64	ditto	40-42	24"		nil
65	ditto	42-44	24"		nil
66	ditto	44-46	24"		nil
67	ditto	46-48	24"		nil
68	ditto	48-50	24"		nil
69	ditto	50-52	24"		nil
70	sediment green and brown	52-54	24"		nil
71	ditto	54-56	24"		nil
72	ditto	56-58	24"		nil
73	ditto	58-60	24"		nil
74	ditto	60-62	24"		nil
75	ditto	63-65	24"		nil
76	ditto	65-67	24"		nil
77	ditto	67-68'9	21"		nil
78	ditto	69'6-70'6	13"		nil
79	ditto	71-73'4	28"		nil
80	tuff fine grained green and dark	73'4-75	20"		nil
81	green and brown sediment	75-77	24"		nil
82	tuff green and dark	77-79	24"		nil
83	ditto	79-80'10	22"		nil
84	sediment	80'10-82	14"		nil
85	ditto	82-83'3	15"		nil
86	chloritic	83'3-85	21"		nil
87	ditto	85-87	24"		nil
88	ditto	87-89	24"		nil
89	greenstone sheared	89-90	12"		nil
90	ditto	90-91'10	22"		nil
91	dyke	91'10-92'6	8"		nil
92	greenstone	92'6-93'6	12"		nil
93	ditto	93'6-93'8	26"		nil

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DIAMOND DRILL REPORT.

ILISAGA

Kovai-Onnan Option

Hole No. D.D.E-10....

4376.95 ✓

Logged by R.D.M.

Place

Location

5419.9 ✓

Direction

N 22 W

Date

Aug. 6, 1954

CLEV

4996.1

DIP

01 - 30"

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32646	Sediment	7-9	24"		nil
47	Sediment	9-11	24"		nil
48	Sediment	11-13	24"		nil
49	Sediment	13-14	12"		nil
50	Rhyolite	14-15	12"		nil
51	Rhyolite	15-17	24"		nil
52	Rhyolite	17 ⁵ -19	19"		nil
53	Rhyolite	19-21	24"		nil
54	Rhyolite	21-23	24"		nil
55	Rhyolite	23-25	24"		nil
56	Quartz veins.	25-26	12"		nil
57	Sediment green and brown.	26-28	24"		nil
58	Ditto	28-30	24"		nil
59	Ditto	30-32	24"		nil
60	Ditto	32-34' 6	30"		nil
61	Ditto	35-36	12"		nil
62	Amphibolite	36-38	24"		nil
63	Ditto	38-39' 6	18"		nil
64	Ditto	40-42	24"		nil
65	Ditto	42-44	24"		nil
66	Ditto	44-46	24"		nil
67	Ditto	46-48	24"		nil
68	Ditto	48-50	24"		nil
69	Ditto	50-52	24"		nil
70	Sediment green and brown	52-54	24"		nil
71	Ditto	54-56	24"		nil
72	Ditto	56-58	24"		nil
73	Ditto	58-60	24"		nil
74	Ditto	60-62	24"		nil
75	Ditto	63-65	24"		nil
76	Ditto	65-67	24"		nil
77	Ditto	67-68' 6	21"		nil
78	Ditto	69' 6-70' 6	13"		nil
79	Ditto	71-73' 4	28"		nil
80	Tuff fine grained green and dark.	73' 4-75	20"		nil
81	Green and brown sediment.	75-77	24"		nil
82	Tuff green and dark.	77-79	24"		nil
83	Ditto	79-80' 10	22"		nil
84	Sediment	80' 10-82	14"		nil
85	Ditto	82-83' 3	15"		nil
86	Chloritic	83' 3-85	21"		nil
87	Ditto	85-87	24"		nil
88	Ditto	87-89	24"		nil
89	Greenstone sheared	89-90	12"		nil
90	Ditto	90-91' 10	22"		nil
91	Lyke	91' 10-92' 6	8"		nil
92	Greenstone	92' 6-93' 6	12"		nil
93	Ditto	93' 6-93' 8	26"		nil

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

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Hole No. D.D. F-30 Page 2

Place Location. Direction Date

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
32694	dyke	93'8-96'8	12"		nil
95	ditto	96'8-98	16"		nil
96	ditto	98-100	24"		nil
97	sediment green and brown	62-63	12"		nil
31750	sheared greenstone	100-102	24"		nil
51	ditto	102-104	24"		nil
52	ditto	104-105	24"		nil
53	ditto	106-108	24"		nil
54	ditto	108-110	24"		nil
55	slightly more silicious	110-112	24"		nil
56	ditto	112-114	24"		nil
57	ditto	114-115	12"		nil
58	silicious sediment	115-117	24"		nil
59	ditto	117-119'9	33'		nil
0-7	Casing				
7-14	Light grey silicious sediment				
14-25	sediment rhyolite. 17-17'5 ground				
25-26	Quartz vein well sheared with pyrrhotite				
26-36	Sediment? Tuff? Green and brown with some minor quartz veinlets fine grained with disseminated pyrite. 31'8-32'3 Coarse grained amphibolite with abundant garnets. 34'6 - 35 ground				
36-52	Coarse grained green and light amphibolitic with pyrrhotite and pyrite mineralization. 39'6-40 Ground				
52-73'4	Sediment. Green and brown banded medium grained with light quartz veinlets, minor amounts of pyrite in some places small massive concentration of cubes. 62-63 coarse garnets. 68'9-69'6 ground 70'6-71 ground				
73'4-75	Tuff fine grained green and dark banded with much mineralization pyrite and pyrrhotite.				
75-77	Sediment green and brown with quartz bands and veinlets. Pyrite fine disseminated throughout.				
77-80'10	Tuff dark green. Tuff fine grained.				
80'10-83'3	Sediment light and brown, green banded fine grained pyrite.				
83'3-89	Massive chlorite well sheared and fair pyrite and pyrrhotite.				
89-115	Greenstone sheared with abundant mineralization. 91'10-92'6 dyke medium grained quartz diorite.				
95'8-96'8	Dyke medium grained quartz diorite. 105-110 Coarser grained but without mineralization 110-115 Light blue quartz bands coming in.				
115-119'9	Sediment silicious, fine grained light banded with no mineralization				
	END OF HOLE 119'9				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D.

H.S.G.

Koval-Ohman Option

Place

E-30 Page 2

Location

Direction

Logged by R.D.M.

AUG 6 1951

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32694	Dyke	93'8-96'8	12"		nil
95	Ditto	95'8-93	16"		nil
96	Ditto	93-100	24"		nil
97	Sediment green and brown.	62-53	12"		nil
31750	Sheared greenstone	100-102	24"		nil
51	Ditto	102-104	24"		nil
52	Ditto	104-105	24"		nil
53	Ditto	106-108	24"		nil
54	Ditto	108-110	24"		nil
55	Slightly more silicious	110-112	24"		nil
56	Ditto	112-114	24"		nil
57	Ditto	114-115	12"		nil
58	Silicious sediment	115-117	24"		nil
59	Ditto	117-119'9	33"		nil
0 - 7	Casing				
7 - 14	light grey silicious sediment				
14 - 25	Sediment rhyolite.				
	17-17'5 Ground				
25 - 26	Quartz vein well sheared with pyrrhotite.				
26 - 36	Sediment? Tuff? Green and brown with some minor quartz veinlets, fine grained with disseminated pyrite.				
	31'8-32'3 Coarse grained amphibolite with abundant garnets.				
	34'6 - 35 Ground				
36 - 52	Coarse grained green and light amphibolitic with pyrrhotite and pyrite mineralization.				
	39'6-40 Ground				
52 - 73'4	Sediment. Green and brown banded medium grained with light quartz veinlets, minor amounts of pyrite in some places small massive concentration of cubes.				
	62-63 Coarse garnets.				
	63'9-69'6 Ground				
	70'6-71 Ground				
73'4 - 75	Tuff fine grained green and dark banded with much mineralization pyrite and pyrrhotite.				
75 - 77	Sediment green and brown with quartz bands and veinlets. Pyrite, fine disseminated throughout.				
77 - 80'10	Tuff dark green. Tuff fine grained.				
80'10 - 83'3	Sediment light and brown, green banded fine grained pyrite.				
83'3 - 89	Massive chlorite well sheared and fair pyrite and pyrrhotite.				
89 - 115	Greenstone sheared with abundant mineralization.				
91'10 - 115	91'10-92'6 Dyke medium grained quartz diorite.				
95'8 - 96'8	Dyke medium grained quartz diorite.				
	105-110 Coarser grained but without mineralization.				
	110-115 Light blue quartz bands coming in.				
115 - 119'9	Sediment silicious, fine grained light banded with no mineralization				
	End of Hole 119'9				

~~XXXXXX GOLD MINES LTD~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. ~~5-21~~..

4572.9M

Place ~~Surf 499~~.. Location ~~5364:5.5~~ Direction ~~S. 22. E~~... Date Aug., 1954.

Dip: 0° - 30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-5	Casing.				
5-38	Light grey siliceous sediment.				
38-50	Grey and dark banded sediment.				
50-64	Slate.				
64-73½	Rhyolite.				
73½-74½	Quartz vein.				
74½-94	Green and brown to green and dark banded tuff?				
94-97'4"	Grey to dark sediment.				
97'4"-125	Dark and green to grey and green banded sediment. Cut by narrow dioritic dykes.				
	End of Hole 125'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-31....

4572.9N

Place..... Location. 5361.3E..... Direction... S22E..... Date Aug.10/54
 ELEV. 4995.1.....

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31819	Sediment	5-7	24"		nil
20	Sediment	7-9	24"		nil
21	dyke	9-10'3	15"		nil
22	Sediment	10'3-12'3	24"		nil
23	Sediment	12'3-14'3	24"		nil
24	Sediment	14'3-16'3	24"		nil
25	Ditto	16'3-18'3	24"		nil
26	Sediment	18'3-18'8	5"		nil
27	dyke	18'8-19'4	8"		nil
28	Sediment	19'4-20	8"		nil
29	Sediment	20-21'3	15"		nil
30	Sediment	21'3-22	9"		nil
31	Sediment	22-24	24"		nil
32	Sediment	24-25	24"		nil
33	Sediment	26-28	24"		nil
34	Sediment	28-30	24"		nil
35	Sediment	30-32'4	28"		nil
36	dyke	32'4-32'11	7"		nil
37	Sediment	32'11-35	23"		nil
38	Sediment	35-36.6	18"		nil
39	Dyke	36'6-37'3	9"		nil
40	Sediment	37'3-38	9"		nil
41	Sediment	38-39	12"		nil
42	Sediment	39-40'7	12"		nil
43	Dyke	40'7-41	5"		nil
44	Sediment	41-43	24"		nil
45	Sediment	43-45	24"		nil
46	Sediment	45-47	24"		nil
47	Sediment	47-48'2	14"		nil
48	Dyke	48'2-50	22"		nil
32003	Garnet	50-50'7	7"		nil
09	Sediment	50'7-52	15"		nil
10	Ditto	52-54	24"		nil
11	Ditto	54-56	24"		nil
12	Ditto	56-58	24"		nil
13	Ditto	58-60	24"		nil
14	Ditto	60-62	24"		nil
15	Ditto	62-64	24"		nil
16	Silicious rhyolite?	64-66	24"		nil
17	Ditto	66-68	24"		nil
18	Ditto	68-70	24"		nil
19	Ditto	70-72	24"		nil
20	Ditto	72-73'5	15"		nil
21	Quartz vein	73'5-74'6	13"		nil
51	Brown and green banded sediment. Little brex. carbonate stringers.	74'6-77'6	36"		nil
52	Green banded sediment	78-8-	24"		nil

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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.S. GA

Kovsi-Ohnan Option

Logged by R.D.M.

Hole No. D.D. F-11...

Place Location ^{4572.9N} 5361.3E Direction ^{5.22} S. 22° E Date Aug 10/54

REV 4995.1 Dip 0' - 30'

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
31819	Sediment.	5-7	24"		nil
20	Sediment	7-9	24"		nil
21	Dike	9-10' 3	15"		nil
22	Sediment	10' 3-12' 3	24"		nil
23	Sediment	12' 3-14' 3	24"		nil
24	Sediment	14' 3-16' 3	24"		nil
25	Ditto	16' 3-18' 3	24"		nil
26	Sediment	18' 3-18' 8	5"		nil
27	Dike	18' 8-19' 4	8"		nil
28	Sediment	19' 4-20	9"		nil
29	Sediment	20-21' 3	15"		nil
30	Sediment	21' 3-22	9"		nil
31	Sediment	22-24	24"		nil
32	Sediment	24-25	24"		nil
33	Sediment	25-28	24"		nil
34	Sediment	28-30	24"		nil
35	Sediment	30-32' 4	28"		nil
36	Sediment Dike	32' 4-32' 11	7"		nil
37	Sediment	32' 11-35	23"		nil
38	Sediment	35-36' 6	18"		nil
39	Dyke	36' 6-37' 3	9"		nil
40	Sediment	37' 3-38	9"		nil
41	Sediment	38-39	12"		nil
42	Sediment	39-40' 7	22"		nil
43	Dyke	40' 7-41	5"		nil
44	Sediment	41-43	24"		nil
45	Sediment	43-45	24"		nil
46	Sediment	45-47	24"		nil
47	Sediment	47-48' 2	18"		nil
48	Dyke	48' 2-50	22"		nil
32003	Garnet	50-50' 7	7"		nil
09	Sediment	50' 7-52	15"		nil
10	Ditto	52-54	24"		nil
11	Ditto	54-56	24"		nil
12	Ditto	56-58	24"		nil
13	Ditto	58-60	24"		nil
14	Ditto	60-62	24"		nil
15	Ditto	62-64	24"		nil
16	Silicious rhyolite?	64-66	24"		nil
17	Ditto	66-68	24"		nil
18	Ditto	68-70	24"		nil
19	Ditto	70-72	24"		nil
20	Ditto	72-73' 5	15"		nil
21	Quartz vein	73' 5-74' 6	13"		nil
51	Brown and green banded sediment. Little brex. Carbonate stringers.	74' 6-77' 6	36"		nil
52	Green banded sediment	78-80	24"		nil

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

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Hole No. D.D. E-31... Page 2

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32053	Green and dark banded sediment	80-82	24"		nil
54	Ditto	82-84'6	30"		nil
55	Ditto	85-86'5	17"		nil
56	Ditto	87-89	24"		nil
57	Ditto	89-91'6	30"		nil
58	Ditto	91'6-94	30"		nil
59	Fine grained dark sediment	94-95'5	17"		nil
60	Ditto	96-97'4	16"		nil
61	Dark banded sediment	97'4-100	32"		nil
62	Green and dark banded sediment	100-102'6	30"		nil
63	Ditto	102'6-104'8	26"		nil
64	Dyke, Silicified contact zone 2" wide. Pyrrhotite mineralization	105-105'8	8"		nil
65	Dark and green finely banded sediment	105'3-107	16"		nil
66	Green and dark banded sediment. Slight shear. Quartz stringers.	108-110	24"		nil
67	Ditto	110-112'4	30"		nil
68	Banded sediment and dykes.	112'6-115'7	37"		nil
69	Green and dark banded sediment	115'7-118	29"		nil
70	Banded sediment.	118-120	24"		nil
71	Ditto	120-122	24"		nil
72	Ditto	122-124	24"		nil
0-5	Casing				
5-35	Sediment? Light grey fine grained silicious porphyritic texture with phenocrysts of quartz very prominent some remnants? of bedding no mineralization. 9-10'3 Dark medium grained quartz diorite. 18'8-19'4 dyke. 20-21'3 Dyke medium grained quartz diorite. 32'9-32'11 Dyke coarse grained				
35-50	Sediment fine grained light grey and dark banded with much shearing and consequent mineralization (pyrite) in places. 36'6-37'3 Dyke fine grained. Quartz diorite 4 garnets 1/8" present. 40'7-41 Dyke medium grained. 48'2-50 Dyke sheared with pyrite in shearplanes also massive garnets small but concentrated.				
50-50'7	Garnetiferous.				
50'7-64	Sediment dark banded fine grained slaty sediment well sheared with pyrrhotite and pyrite along shearplanes.				
64-73'5	Rhyolite silicious light fine grained with phenocrysts of feldspar fine shears of pyrrhotite.				
73'5-74'6	Quartz vein.				
74'6-80	Brown and green banded sediment. Little brecciation at 76' 77'6-78 Ground.				
80-94	Green and dark banded sediment. Small quartz stringers. 81'6-85 Fine grained quartz diorite dyke. 86'5-87 Ground.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.S.G.

Kovvl-Chman Option

Hole No. D.D. 5731 Page 2

Logged by R.D.M.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32053	Green and dark banded sediment.	80-82	24"		nil
54	ditto	82-84'6	30"		nil
55	ditto	85-85'5	17"		nil
56	ditto	87-89	24"		nil
57	ditto	89-91'6	30"		nil
58	ditto	91'6-94	30"		nil
59	Fine grained dark sediment.	94-95'5	17"		nil
60	ditto	96-97'4	16"		nil
61	Dark banded sediment.	97'4-100	32"		nil
62	Green and dark banded sediment.	100-102'6	30"		nil
63	ditto	102'6-104'8	26"		nil
64	Dyke. Silicified contact zone 2" wide. Pyrrhotite mineralization.	106-105'8	8"		nil
65	Dark and green finely banded sediment.	105'3-107	16"		nil
66	Green and dark banded sediment. Slight shear. Quartz stringers.	108-110	24"		nil
67	ditto	110-112'8	30"		nil
68	Banded sediment and dykes.	112'6-115'7	37"		nil
69	Green and dark banded sediment	115'7-118	29"		nil
70	Banded sediment.	118-120	24"		nil
71	ditto	120-122	24"		nil
72	ditto	122-124	24"		nil
0 - 5	Casing				
5 - 35	Sediment? Light grey fine grained silicious porphyritic texture with phenocrysts of quartz very prominent some remnants of bedding no mineralization.				
	9-10'3 Dark medium grained quartz diorite.				
	18'8-19'4 Dyke.				
	20-21'3 Dyke medium grained quartz diorite.				
	32'2-32'11 Dyke coarse grained.				
35 - 50	Sediment fine grained light grey and dark xxx banded with much shearing and consequent mineralization (pyrite) in places.				
	35'6-37'3 Dyke fine grained. Quartz diorite 4 garnets 1/8" present.				
	40'7-41 Dyke medium grained.				
	48'2-50 Dyke sheared with pyrite in shearplanes also massive quartz garnets small but concentrated.				
50 - 50'7	Garnetiferous.				
50'7 - 64	Sediment dark banded fine grained slaty sediment well sheared with pyrrhotite and pyrite along shearplanes.				
64 - 73'5	Rhyolite silicious light fine grained with phenocrysts of feldspar fine sheets of pyrrhotite.				
73'5 - 74'6	Quartz vein.				
74'6 - 80	Brown and green banded sediment. Little brecciation at 76'				
80 - 94	77'6-78 Ground.				
	Green and dark banded sediment. Small quartz stringers.				
	81'6-85 Fine grained quartz diorite dyke.				
	86'5-87 Ground.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. E-31 Page 3

Place..... Location..... Direction..... Date.....

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
94-97'4	Fine grained grey to dark sediment finely banded				
	95'5-96 Ground				
97'4-104'8	Dark and green banded sediment with narrow quartz stringers-				
104'8-105	Ground				
105-105'8	Grano-diorite? dyke				
105'8-124	Grey and green banded sediment small quartz stringers. Little pyrrhotite. Little shearing. Core broken				
	107-108 Ground				
	113'4-113'10 Quartz diorite dyke				
	114'10-115'7 Quartz diorite dyke				
	END OF HOLE 125'				

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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.S.G.A.
Kovai-Ohman Option

Hole No. D.D. 1-32 Page 3.

Logged by R.D.M.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
94 - 97'4	Fine grained grey to dark sediment finely banded.				
	95'5-96 Ground				
97'4 - 104'8	Dark and green banded sediment with narrow quartz stringers.				
104'8 - 105	Ground.				
105 - 105'8	Granite-diorite? dyke.				
105'8 - 124	Grey and green banded sediment, small quartz stringers. Little pyroxenite. Little shearing. Core broken.				
	107-108 Ground				
	113'4-113'10 Quartz diorite dyke				
	114'10-115'7 Quartz diorite dyke.				
	End of hole 125'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.
HASAGA

Koval-Ohman Option

Hole No. D.D. E-32

Logged By.

Place Location 535877 Direction N 20 W Date Aug. 1954

Dip 0°-30° Elev 4995.0

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32073	Dacite Flows	7-10	36"		nil
74	Ditto	10-13	36"		nil
75	Ditto	13-16	36"		nil
76	Ditto	16-19	36"		nil
77	Ditto	19-22	36"		nil
78	Ditto	22-25	36"		1.05
79	Ditto	25-28	36"		nil
80	Ditto	28-30	24"		nil
81	Ditto quartz stringers	30-31	12"		nil
82	Ditto	31-34	36"		nil
83	Ditto with dyke	34-37	36"		nil
84	Dacite flows	37-40	36"		nil
85	Ditto	40-42'3"	27"		1.05
86	Dyke little dacite	42'3-43'8"	17"		nil
87	Dacite	44'6-47	30"		nil
88	Ditto	47-49'6"	30"		nil
89	Ditto	50-53	36"		nil
90	Ditto	53-55	24"		nil
91	Ditto	55-57	24"		nil
92	Ditto	58'3-61'9"	42"		nil
93	Ditto	61'9-65'5"	44"		nil
94	Dyke	65'5-67'6"	25"		nil
95	Dyke	67'6-69'7"	25"		nil
96	Dacite	69'7-73	41"		nil
97	Dacite	73-76'3"	39"		nil
98	rhyolite?	76'3-79'3"	36"		nil
99	Ditto	79'3-82'4"	37"		nil
100	Ditto	83'9-84'6"	9"		nil
101	Dyke	84'6-86'8"	26"		nil
102	Dyke	87'4-90'6"	38"		nil
103	Dyke 1" quartz stringer	91-94'11	47"		nil
104	Rhyolite	94'11-96	13"		nil
105	Ditto	96'6-97	6"		nil
106	Ditto pyrrhotite mineralization	97'6-100	30"		nil
107	Dyke	100-103	36"		nil
108	Dyke	103-105'9	33"		nil
109	Dacite?	105'9-108'6	33"		nil
110	Dyke	108'6-111	30"		nil
111	Dyke	111-113'6	30"		nil
112	Ditto	113'6-116	30"		nil
113	Ditto	116-119	36"		nil
114	Dacite?	120-121'4"	16"		nil
115	Ditto (Tuff?)	122-125	36"		nil

0 - 7'

Casing

7 - 76'

Dark fine grained silicious rock showing quartz amygdules. Majority rounded to almond shaped, some angular and many showing small fractures. Distribution not uniform. Tops to north? Small

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA
Koval-Ohman Option

E-32 Page 2

Hole No. D.D.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	quartz stringers 20-35 feet				
	26' - Small fractures only partially filled.				
	16'5" - 16'8" Narrow fine grained dyke.				
	30' - 31' Two 1" quartz stringers.				
	34'6" - 35'9" Dyke, soft dark slightly sheared appearance.				
	40'7" - 40'10" Dyke				
	42'3" - 43'2" Dyke Little pyrite				
	43'8" - 44'6" Ground				
	49'6" - 50' Ground				
	51'3" - 51'8" Fine grained dyke				
	52'10" - 53'2" Fine grained dyke				
	57' - 58'3" Ground				
	65'5" - 69'7" Quartz diorite dyke coarse grained.				
	72'7" - 72'11" Dyke				
76'3" - 84'6"	Rhyolite? Silicious fine grained				
	1" quartz at 78'6"				
	82'4" - 83'9" Ground				
84'6" - 94'11"	Quartz diorite dyke.				
	86'8" - 87'4" Ground				
	90'6" - 91' Ground				
94'11" - 99'	Phyolite? Fine grained silicious.				
	95' - 96'6" Ground				
	97' - 97'6" Ground				
	99' - 100' Contact zone. Fractured. Pyrrhotite mineralization.				
100' - 105'9"	Quartz diorite coarse grained in middle of section finer toward ends. Quartz stringers and pyrrhotite mineralization.				
105'9" - 108'6"	Fine grained very dark rock. Dacite?				
108'6" - 118'6"	Quartz diorite very coarse near 115' with pyrrhotite and chalcopyrite mineralization.				
118'6" - 125'	Dark fine grained rock. Core broken up. Faint banding 122'-124' (Tuff?) Pyrite on slips.				
	119' - 120' Ground				
	121'4" - 122' Ground				

End of hole 125'

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. ~~E-36~~..

4674 N

Place ~~Surface~~... Location ~~6299 E~~... Direction ~~N 22 W~~... Date ~~Sept. 1954~~..

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-15	Casing.				
15-18'5"	Dark green poorly banded tuff.				
18'5"-19'1"	Dyke.				
19'1"-21	Dark and green banded tuff.				
21-26'9"	Dark finely banded sediment with narrow quartz stringers.				
26'2"-32'11"	Grey silicified slightly fractured sediment.				
32'11"-51	Grey to dark sediment with numerous quartz stringers in some sections.				
51-110	Quartz diorite, medium grained.				
110-115	Rhyolite.				
115-117½	Dark banded sediment.				
117½-118½	Dyke.				
118½-122	Garnetiferous sediment.				
	End of Hole 122'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA

Koval-Ohman Option

Hole No. D.D. E-36.....

4673.8 N.

Logged by J.C.S.

Place... Ben Lake

Location... 6289.0 E.....

Direction... N 22 W

Date Sept. 1/54

0' -30

4992.5

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32121	Tuff?	15-18'5	41"		nil
22	Dyke	18'5-19'1	8"		nil
23	Sediment. Dark and green	19'1-21'1	23"		nil
24	Dark sediment. Slight pyrrhotite mineralization.	21-23	24"		nil
25	Ditto	23-25	24"		nil
26	Ditto	25-26'9	21"		nil
27	Grey silicified sediment.	26'9-29	27"		nil
28	Ditto	29-31	24"		1.40
29	Ditto	31-32'11	23"		2.10
30	Grey sediment.	32'11-35	25"		nil
31	Ditto	35-37	24"		nil
32	Ditto	37-39'6	30"		nil
33	Grey to brown sediment. Banded with small quartz stringers.	39'6-42	30"		nil
34	Ditto	42-44½	30"		nil
35	Ditto	44½-47	30"		nil
36	Ditto	47-49	24"		0.70
37	Ditto	49-51	24"		nil
38	Dyke with 1" quartz stringer at 52½	51-53	24"		nil
39	Dyke	72-74	24"		1.05
40	Dyke	98-100	24"		nil
41	Brown sediment	110'3-113	3 36"		nil
42	Rhyolite	113'3-115	21"		nil
43	Dark sediment.	115-117'5	29"		nil
44	Garnet ferous sediment	118'5-122	43"		NIL
0-15	Casing				
15-18'5	Tuff? Sediment? Dark green. Banding indistinct. Small blue quartz veins. Little pyrrhotite.				
18'5-19'1	Dyke (Quartz diorite)				
19'1-21	Sediment? Tuff? Dark with green bands. Small blue quartz stringers.				
21-26'9	Dark sediment finely banded with small quartz stringers. Slight mineralization mainly pyrrhotite.				
26'9-32'11	Sediment. Silicified, grey appearance. Some fracturing with white and blue quartz stringers. Little fine pyrrhotite.				
32'11-39'6	Grey to dark sediment. Some pyrrhotite, Some small quartz stringers. 37'8-37'11 Dyke				
39'6-51	Dark sediment with numerous small quartz stringers. Banding somewhat contorted especially in last 2 feet. Fine pyrrhotite mineralization and pyrite on fracture surface.				
51-110'3	Quartz diorite? Dyke Medium grained. Little pyrite mineralization. Occasional quartz stringers.				
110'3-113'3	Brown banded sediment. Quartz stringers.				
113'3-115	Rhyolite? Silicified - fine grained.				
115-117'5	Dark banded sediment.				
117'5-118'5	Fine grained dyke.				
118'5-122	Garnet ferous sediment. End of hole 122'.				

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PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Keval- Ohman Option

Hole No. D.D. F-36

Logged by J.C.S.

Place Ben Lake Location 6289.0.E.. Direction N.22.W... Date Sept.: 1/54
4992.5

0' - 30

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32121	Tuff?	15-18'5	41"		nil
22	Dyke	18'5-19'1	8"		nil
23	Sediment. Dark and green	19'1-21'1	23"		nil
24	Dark sediment. Slight pyrrhotite mineralization.				
25	Ditto	21-23	24"		nil
26	Ditto	23-25	24"		nil
27	Grey silicified sediment.	25-26'9	21"		nil
28	Ditto	26'9-29	27"		nil
29	Ditto	29-31	24"		1.40
30	Ditto	31-32"11	23"		2.10
31	Grey sediment.	32'11-35	25"		nil
32	Ditto	35-37	24"		nil
33	Ditto	37-39'6	30"		nil
34	Grey to brown sediment. Banded with small quartz stringers.	39'6-42	30"		nil
35	Ditto	42-44½	30"		nil
36	Ditto	44½-47	30"		nil
37	Ditto	47-49	24"		0.70
38	Ditto	49-51	24"		nil
39	Dyke with 1" quartz stringer at 53½	51-53	24"		nil
40	Dyke	72-74	24"		1.05
41	Dyke	98-100	24"		nil
42	Brown sediment	110'3-113'3	36"		nil
43	Phylite?	113'3-115	21"		nil
44	Dark sediment.	115-117'5	29"		nil
0 - 15	Garnet ferrous sediment.	118'5-122	43"		nil
15 - 18'5	Casing				
18'5 - 19'1	Tuff? Sediment? Dark green. Banding indistinct. Small blue quartz veins. Little pyrrhotite.				
19'1 - 21	Dyke (Quartz diorite)				
21 - 26'9	Sediment? Tuff? Dark with green bands. Small blue quartz stringers. Dark sediment finely banded with small quartz stringers. Slight mineralization mainly pyrrhotite.				
26'9 - 32'11	Dyke				
2'11 - 39'6	Sediment. Silicified, grey appearance. Some fracturing with white quartz and blue quartz stringers. Little fine pyrrhotite.				
39'6 - 51	Grey to dark sediment. Some pyrrhotite. Some small quartz stringers. 37'8-37'11 Dyke				
51 - 110'3	Dark sediment with numerous small quartz stringers. Banding somewhat contorted especially in last 2 feet. Fine pyrrhotite mineralization and pyrite on fracture surface.				
110'3 - 113'3	Quartz diorite? Dyke Medium grained. Little pyrite mineralization. Occasional quartz stringers.				
113'3 - 115	Brown banded sediment. Quartz stringers.				
115 - 117'5	Phylite? Silicified - fine grained.				
117'5 - 118'5	Dark banded sediment.				
118'5 - 122	Fine grained dyke.				
	Garnet ferrous sediment				
	End of hole 122'				

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

DIAMOND DRILL REPORT.
HASAGA
Koval-Uhman Option

Hole No. D.D. ~~E-37~~...

Place ~~Surf 449~~... Location ~~6522~~ ^{4696 N}... Direction ~~N22W~~... Date ~~Sept. 1954~~.

Dip: 0° -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-14	Dyke.				
14-25	Grey sediment slightly silicified.				
25-41	Grey to dark fairly well banded sediment.				
41-44	Green banded tuff.				
44-46	Breccia zone with quartz veining.				
46-47	Dyke.				
47-56	Green and dark banded tuff.				
	End of Hole 56'.				

HABAOA GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. E-37

BEN LAKE

Logged by J.C.S.

LOCATION N 4696.5 N
4992.8
E 6332.3
Dip: 0' -30

Direction N 22 W

Sample No.	Description	Footage	Width	Assay Oz. Value
32185	Quartz diorite dyke	10 - 12	24"	nil
46	Ditto	12 - 14	24"	nil
47	Grey slightly silicious	14 - 16	24"	0.35
48	Ditto Light arsenopyrite	16 - 18	24"	7.35
49	Ditto	18 - 20	24"	2.80
50	Ditto 3" quartz vein sediment darker.	20 - 22	24"	0.70
51	Silicified with numerous blue quartz stringers.	22 - 24	24"	1.05
52	Sediment becoming darker	24 - 25'6	18"	0.70
53	Dark grey sediment occasional quartz stringers.	27 - 29	24"	nil
54	Ditto	29 - 31	24"	nil
55	Ditto	31 - 33½	30"	nil
56	Ditto	33½ - 36	30"	nil
57	Ditto	36 - 38½	30"	nil
58	Ditto	38½ - 41	30"	nil
59	Sediment dark grey	41 - 42½	18"	nil
60	Ditto	42½ - 44	18"	nil
61	Breccia zone. Large percentage of quartz with coarse pyrite.	44 - 46	24"	nil
62	Tuff	47 - 49	24"	nil
63	Tuff	49 - 51½	30"	nil
64	Ditto	51½ - 54	30"	1.75
65	Ditto	54 - 56	24"	nil
0-10	Casing			
10-14	Quartz diorite dyke			
14-25	Grey sediment. Slightly silicified near 15'. Vuggy weathered zone near 16'. Narrow blue quartz stringers becoming very numerous between 23 and 24 feet. Light arsenopyrite mineralization.			
	20'6" - 3" quartz vein			
25-41	Grey to dark sediment. Banding fairly even. Occasional quartz stringers.			
	25'6" - 27' Ground			
	29' 1" quartz			
	36'6" 1" quartz with coarse pyrite.			
41-44	Sediment Tuff? occasional green band. Banding not so regular.			
44-46	Brecciated zone. 6" quartz at 45'. Large percentage white to blue quartz thru out zone. Pyrite mineralization.			
46-47	Quartz diorite dike fine grained.			
47-56	Tuff sediment? Occasional blue quartz stringers. Banding fairly well developed - some green bands and lenticular blebs on bands.			
	End of hole 56'			

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

Hole No. D.D. E-38.....

4728 N.

Place Surface..... Location..... 6424 E..... Direction... N 22 W... Date.....

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-6	Casing.				
6-10	Green and brown banded tuff.				
10-21 3/4	Dark with minor green bands. Tuff? Sediment?				
21 3/4-26	Brown sediment with quartz stringers.				
26-35 1/4	Grey silicified sediment with cherty sections.				
35 1/4-38	Breccia zones with quartz stringers.				
38-46	Grey sediment.				
46-50	Grey to dark tuff?				
	End of hole 53'.				

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PIPER CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HA SAGA

Koval-Chman Option

Hole No. D.D. E-38

4728 W

Place surface

6424 E

Location

N 22 W

Date

Dip: 0° -20°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-6	Casing.				
6-10	Green and brown banded tuff.				
10-21 $\frac{1}{2}$	Dark with minor green bands. Tuff? Sediment?				
21 $\frac{1}{2}$ -26	Brown sediment with quartz stringers.				
26-35 $\frac{1}{2}$	Grey silicified sediment with cherty sections.				
35 $\frac{1}{2}$ -38	Breccia zones with quartz stringers.				
38-46	Grey sediment.				
46-50	Grey to dark tuff?				
End of Hole 53'.					

HASAGA GOLD MINES LTD.

DIAMOND DRILL REPORT

BEN LAKE

Hole No. D.D. E-38

N 4728.6

Logged by J.C.S.

Location. 4996.2 Direction. N 22W

E 6424.0

Dip: 0' -30

Sample No.	Description	Footage	Width	ASSAY	
				Qz.	Value
32166	Tuff, Green and dark banded	6-8	24"		nil
67	Ditto	8-10	24"		nil
68	Dark sediment. pyrrhotite	10-12	24"		nil
69	Ditto Quartz stringers	12-14	24"		nil
70	Ditto	14-16'6	24 (s/b30")		nil
71	Ditto	16'6-19	30"		nil
72	Ditto	19-21'9	33"		nil
73	Brown sediment Pyrrhotite	21'9-24	27"		nil
74	Ditto. Little better mineralization				
		24-26	24"		0.35
75	Grey sediment silicified	26-28	24"		0.70
76	Ditto	28-30	24"		nil
77	Ditto	30-32	24"		nil
78	Green cherty band, quartz stringers.				
	Dark sediment.	32-34	24"		0.35
79	Grey cherty sediment.	34-35'3	15"		nil
80	Breccia zone	35'3-38	33"		nil
81	Grey sediment	38-40	24"		nil
82	Ditto	40-42	24"		nil
83	Ditto	42-44	24"		nil
84	Ditto	44-46	24"		nil
85	Grey to dark sediment	46-48	24"		nil
86	Ditto	48-50	24"		nil
87	Ditto	50-53	36"		nil
0-6	Casing				
6-10	Tuff green and brown or dark banded. Little pyrrhotite				
10-21'9	Dark sediment Tuff? minor green bands. Occasional quartz stringers.				
21'9-26	Brown sediment. Pyrrhotite mineralization. Small blue quartz stringers.				
26-35'3	Grey sediment somewhat silicified giving a cherty appearance in chart sections. Quartz stringers at 32', 33' and 34'. Pyrrhotite mineralization.				
35'3-38	Breccia zone. Black crushed material shot thru with white quartz, Some pyrite.				
38-46	Grey sediment. Occasional quartz stringers.				
46-53	Grey to dark sediment (Tuff?) Banding more lenticular. Bluish quartz stringers.				
	End of hole 53'.				

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MADAGA GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. M-38

BKN LAKE

LOCATION N 4728.6
E 4996.2
E 6424.0

Direction N 22 W Logged by J.C.S.

Dip: 0' -30

Sample No.	Description	Footage	Width	Assay Oz. Value
32166	Tuff, green and dark banded	6-8	24"	nil
67	Ditto	8-10	24"	nil
68	Dark sediment. pyrrhotite	10-12	24"	nil
69	Ditto Quartz stringers	12-14	24"	nil
70	Ditto	14-16'6	24"	nil
71	Ditto	16'6-19	30"	nil
72	Ditto	19-21'9	33"	nil
73	Brown sediment Pyrrhotite	21'9-24	27"	nil
74	Ditto. Little better mineralization			
75	Grey sediment silicified	24-26	24"	0.35
76	Ditto	26-28	24"	0.70
77	Ditto	28-30	24"	nil
78	Ditto	30-32	24"	nil
	Green cherty band, quartz stringers.			
	Dark sediment.	32-34	24"	0.35
79	Grey cherty sediment.	34-35'3	15"	nil
80	Breccia zone	35'3-38	33"	nil
81	Grey sediment	38-40	24"	nil
82	Ditto	40-42	24"	nil
83	Ditto	42-44	24"	nil
84	Ditto	44-46	24"	nil
85	Grey to dark sediment	46-48	24"	nil
86	Ditto	48-50	24"	nil
87	Ditto	50-53	36"	nil
0 - 6	Casing			
6 - 10	Tuff green and brown or dark banded. Little pyrrhotite			
10 - 21'9	Dark sediment Tuff? minor green bands. Occasional quartz stringers.			
21'9 - 26	Brown sediment. Pyrrhotite mineralization. Small blue quartz stringers.			
26' - 35'3	Grey sediment: somewhat silicified giving a cherty appearance in chart sections. Quartz stringers at 32', 33' and 34'. Pyrrhotite mineralization.			
35'3 - 38	Breccia zone. Black crushed material shot thru with white quartz. Some pyrite.			
38- 46	Grey sediment. Occasional quartz stringers.			
46 - 53	Grey to dark sediment (Tuff?) Banding more lenticular. Bluish quartz stringers.			

End of hole 53'

~~HEWLETT-CROMWELL GOLD MINES LTD.~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. ~~A-22~~..

4751 N.

Place ~~Surface~~.. Location ~~4479 N.~~ Direction ~~N. 22 W.~~.. Date

Dip: 0° -30°

Sample No.	Description	Footage	Width	Assay
				Oz. Value
0-7	Casing.			
7-13	Brown to dark colored with green bands. Tuff? Sediment?			
13-23	Dark to grey sediment finely banded.			
23-25	Well silicified grey sediment.			
25-26	Unaltered dark sediment.			
26-27½	Ground.			
27½-30	Dyke.			
30-31'9"	Dark sheared sediment.			
31'9"-32'3"	Silicified grey band.			
32'3"-50	Dark slightly sheared sediment.			
	End of Hole 50'.			

HASAGA GOLD MINES LTD.
DIAMOND DRILL REPORT

BEN LAKE

HOLE NO.

E-79 N 4751.3
LOCATION 4994.7
E 6470.4
Dip: 0' -30

Direction Logged by J.C.S.
N 22 W

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
32188	Green and dark banded tuff	7-9	24"	nil	
89	Ditto	9-11	24"	nil	
90	Ditto	11-13	24"	2.10	
91	Dark sediment with 2" blue quartz vein. Fair pyrrhotite and possible minor arsenopyrite.	13-15	24"	nil	
92	Fractured - considerable bluish quartz. Good arsenopyrite.	15-16'3	15"	0.70	
93	More normal sediment with quartz stringers.	16'3 - 18'3	24"	nil	
94	Considerable quartz. Well mineralized rock fragments. Pyrite and pyrrhotite.	18'4-20	20"	1.05	
95	Broken core slightly silicified	20-21	12"	2.80	
96	More normal sediment. Pyrrhotite	21-23	24"	4.90	
97	Well mineralized pyrrhotite, pyrite and chalcopyrite?	23-25	24"	nil	
98	Dark sediment.	25-26	12"	nil	
99	Dark sediment.	30'3-31'9	18"	1.75	
32200	Silicified. Little arsenopyrite	31'9-32'9	12"	4.55	
01	Dark sediment little quartz	32'9-35	27"	nil	
02	Dark sediment; Little shearing	35-37½	30"	nil	
03	Ditto	37½-40	30"	nil	
04	Ditto	40-41	12"	nil	
05	Fractured zone; greenish with quartz stringers.	41'5-42'3	10"	nil	
06	More normal sediment.	42'3-45	33"	1.75	
07	Dark sediment	45-47	24"	1.40	
08	Ditto. Little arsenopyrite near narrow quartz stringers.	47-49'8	32"	1.40	
0 - 7	Casing				
7 - 13	Tuff (Sed.?) Brown to dark with green bands. Occasional narrow quartz stringers. Weathered, leached fractures at 10, 10½, 11 and 12 feet. Coarse pyrite on fracture surfaces.				
13- 23	Dark to grey sediment, finely banded at first. Light pyrrhotite and arsenopyrite mineralization.				
	14'5 2" blue quartz vein.				
	15'2 - 16'2 Fractured zone with considerable bluish quartz. Well mineralized pyrite and arsenopyrite.				
	18' 2" leached fracture zone				
	18'4 - 19'9 Fractured zone. 70% blue and white quartz. Rock fragments well mineralized with pyrrhotite and pyrite.				
	20-21 Silicified, broken core considerable pyrite.				
23 - 25	Well silicified with pyrrhotite pyrite and chalcopyrite.				
25 - 26	More normal dark sediment.				
	26' 1" dyke				
26- 27'6	Ground				
27'6 - 30'3	Dyke				

H.M.S.G. GOLD MINES LTD.
DIAMOND DRILL REPORT

BEN LAKE

HOLE NO. E-39 Page 2

Logged by

N
LOCATION

Direction

E
Dip:

Sample No.	Description	Footage	Width	Assay Oz.	Value
30'3 - 31'9	Dark sediment sheared appearance. Little pyrite.				
31'9 - 32'3	Silicified zone. Little arsenopyrite.				
32'3 - 49'8	Dark sediment. Little pyrite.				
	32'3 - 1 1/2" blue quartz vein				
	35-36 Sheared appearance				
	41-41'5 Ground				
	41'5-42'3 Sheared fractured zone. Blue quartz stringers. Little pyrrhotite.				
42'3 - 43	More normal dark sediment.				
43 - 45	Slightly silicified with quartz stringers. Fair arsenopyrite mineralization.				

End of hole 50'

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

Hole No. D.D. E-47

4306 N

Place Surface Location 7126 E Direction N 22° W Date

Dip: 0' -71°; 300' -47°; 600' -32°; 740' -29°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-4	Casing				
4-57	Grey siliceous sediment.				
57-68	Dyke.				
68-96	Green and dark tuff?				
96-97½	Dyke.				
97½-100½	Green and brown tuff.				
100½-107½	Dyke.				
107½-115	Grey green sediment.				
115-117	Dyke.				
117-154	Slate.				
154-164	Green and brown banded sediment?				
164-165	Greccia zone - Fault?				
165-203	Grey to dark siliceous sediment.				
203-204	Dyke.				
204-205	Sediment.				
205-208	Dyke.				
208-224	Grey to brown sediment.				
224-234	Dyke.				
234-250	Grey to brown well banded sediment.				
250-285	Grey to dark sometimes siliceous sediment.				
285-301	Slaty sediment.				
301-303	Quartzite.				
303-308	Siliceous sediment.				
308-313	Green and brown banded tuff?				
313-334	Grey to dark fine grained sediment.				
334-342	Green massive tuff.				
342-345	Rhyolite.				
345-350	Grey fine grained sediment.				
350-367	Dark green tuff?				
367-368½	Dyke.				
368½-380	Grey fine grained sediment.				
380-445	Fine to coarse, sometimes amphibolitic greenstones, flows and tuffs.				
445-482	Green and brown banded tuff.				
482-489	Dyke.				
489-499	Tuff.				
499-520	Grey silicified sediment.				
520-575	Green and brown banded tuff.				
575-592	Grey silicified sediment.				
592-647	Grey sediments intruded by rhyolite.				
647-661	Grey silicified sediment.				
661-704	Brownish to green tuffs.				
704-711	Dark grey altered sediments.				
711-714	Rhyolite.				
714-732	Fairly well fractured rhyolite.				
732-740	Silicified grey sediment intruded by rhyolite.				
740-750	Grey silicified sediment. End of hole 750'.				

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	ftge.	Dip	Brg.
PICKLE CROW GOLD MINES LTD.	0'	71½	
DIAMOND DRILL REPORT	100'	63	N22W
	300'	47	N18W
HASAGA	400'	43	N22W
Koval-Ohman Option	600'	32	N19W
	740'	29	N20W

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Hole No. D.D. E-47.....

4305.9 N

Logged by J.C.S.

Place .. Surface .. Location. 7125.8 E..... Direction N22W..... Date Oct. 2/54
Elevation 5000.6

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33435	Fine siliceous dyke fairly well mineralized	95'9-97'6	21"		0.70-
36	Dyke, fracturing with white quartz - Pyrite and pyrrhotite.				
56	Green and brown banded with quartz stringers and pyrrhotite mineralization.	245-247½	30"		nil
57	Ditto, little better mineralization	247½-250	30"		nil
58	Fractured sediment with quartz veins and little pyrrhotite.	282½-285	30"		nil
59	Quartzite? fractured and slight mineralization.	301½-303	18"		nil
60	Sheared quartzite. Little pyrite.	307-308	18"		nil
84	Grey sediment with pyrite on bedding planes and fractures.	347½-350	30"		nil
33535	Brown and green grading to silicified sediment. Blue quartz vein, massive pyrrhotite.	528-530	24"		1.05
45	Dark altered sediments well fractured with white quartz veining and fair pyrrhotite.	582½-585	30"		nil
46	Fractured rhyolite with 40% white quartz veining. Some pyrrhotite.	590-592	24"		nil
47	Well fractured rhyolite, quartz veining and fair pyrrhotite.	592-594	24"		nil
48	Fairly fine rhyolite.	594-596½	30"		nil
49	Coarser rhyolite, pyrite on slips and fractures.	596½-599	30"		nil
50	Finer rhyolite.	599-602	36"		2.80
51	Rhyolite.	602-605	36"		0.70
52	Ditto.	605-607½	30"		nil
53	Ditto.	607½-610	30"		0.35
54	Ditto.	610-612	24"		1.05
55	Well fractured with considerable white quartz. Little pyrrhotite.	612-613	12"		3.15
56	Rhyolite.	613-615	24"		0.70
57	Sheared rhyolite?	615-617½	30"		nil
68	Rhyolite well fractured	625-627½	30"		nil
69	Less fracturing.	627½-630	30"		nil
70	Fairly well fractured.	630-632½	30"		2.10
71	Ditto.	632½-635	30"		nil
72	Finer "sheared rhyolite". White quartz and considerable muscovite.	635-637½	30"		0.35
73	Lighter in colour better fracturing.	637½-640	30"		0.70
74	Ditto.	640-642½	30"		0.35
75	Ditto.	642½-645	30"		1.40
76	Ditto.	645-647½	30"		2.45
77	Siliceous sediment gradational contact	647½-650	30"		3.85

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

H.S.N.O.

Koval-Ohman Option.

Ftge.

Dip

Brg.

0'

71 1/2

N22W

100'

63

N18W

300'

47

N22W

400'

43

N19W

600'

32

N20W

740'

29

Hole No. D.D. E-47...

Place .. Surface, Location : 4305.9, 7125.8E Direction N22W..... Date Oct. 2/54.
Elevation 5000.6

Logged by J.C.S.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33435	Fine silicious dyke fairly well mineralized	95' 9-97' 6	21"		0.70-
36	Dyke, fracturing with white quartz - Pyrite and pyrrhotite.				
56	Green and brown banded with quartz stringers and pyrrhotite mineralization.	245-247 1/2	30"		nil
57	Ditto, little better mineralization.	247 1/2-250	30"		nil
58	Fractured sediment with quartz veins and little pyrrhotite.	282 1/2-285	30"		nil
59	Quartzite? fractured and slight mineralization.	301 1/2-303	18"		nil
60	Sheared quartzite. Little pyrite.	307-308 1/2	18"		nil
84	Grey sediment with pyrite on bedding planes and fractures.	347 1/2-350	30"		nil
33535	Brown and green grading to silicified sediment. Blue quartz vein, massive pyrrhotite.	528-530	24"		1.05
45	Dark altered sediments well fractured with white quartz veining and fair pyrrhotite.	582 1/2-585	30"		nil
46	Fractured rhyolite with 40% white quartz veining. Some pyrrhotite.	590-592	24"		nil
47	Well fractured rhyolite, quartz veining and fair pyrrhotite.	592-594	24"		nil
48	Fairly fine rhyolite.	594-596 1/2	30"		nil
49	Coarser rhyolite, pyrite on slips and fractures.	596 1/2-599	30"		nil
50	Finer rhyolite.	599-602	36"		2.80
51	Rhyolite.	602-605	36"		0.70
52	Ditto.	605-607 1/2	30"		nil
53	Ditto.	607 1/2-610	30"		0.35
54	Ditto.	610-612	24"		1.05
55	Well fractured with considerable white quartz. Little pyrrhotite.	612-613	12"		3.15
56	Rhyolite.	613-615	24"		0.70
57	Sheared rhyolite?	615-617 1/2	30"		nil
68	Rhyolite well fractured/	625-627 1/2	30"		nil
69	Less fracturing.	627 1/2-630	30"		nil
70	Fairly well fractured.	630-632 1/2	30"		2.10
71	Ditto.	632 1/2-635	30"		nil
72	Finer "sheared" rhyolite". White quartz and considerable muscovite.	635-637 1/2	30"		0.35
73	Lighter in color better fracturing.	637 1/2-640	30"		0.70
74	Ditto.	640-642 1/2	30"		0.35
75	Ditto.	642 1/2-645	30"		1.40
76	Ditto.	645-647 1/2	30"		2.45
77	Silicious sediment gradational contact	647 1/2-650	30"		3.85

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA
Koval-Ohman Option

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Hole No. D.D. E-47 Page 2.

Place Location. Direction Logged by J.C.S.
Date

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
33578	Well fractured silicious grey sediment or "sheared rhyolite".	650-652½	30"		nil
88	Dark altered sediment fair fracturing and fair pyrrhotite mineralization.	684-686	24"		nil
89	Dark, altered, contorted sediments. Little fracturing and pyrrhotite mineralization.	705-707½	30"		nil
90	Rhyolite - contact zone slight fracturing and pyrite.	711-713½	30"		2.80
91	Fine greyish rhyolite porphyritic - little pyrite.	713½-715	18"		5.25
92	Ditto.	715-717½	30"		3.15
93	Ditto.	717½-720	30"		2.80
94	Ditto.	720-722	24"		2.45
95	Ditto.	722-724			1.75
96	White quartz, some rhyolite fragments.	724-725	12"		0.70
97	Better fracturing with quartz stringers and coarser pyrrhotite and sphalerite?	725-727½	30"		nil
98	Ditto.	727½-730	30"		1.40
99	Silicified sediment, rhyolite mixture	730-732½	30"		2.80
33600	Ditto.	732½-735	30"		nil
01	Ditto.	735-737½	30"		1.05
02	Ditto.	737½-740	30"		1.05
0-4	Casing.				
4-17	Grey fine grained slightly silicious, finely banded sediment.				
17-57	Sediment, generally grey or brown with narrow green bands. Some grey silicious sections.				
57-68	50-57 Greyish green, uniform in colour, banding obscure. Grano-diorite dyke, coarse in middle, fair pyrite mineralization. Coarse feldspar - porphyritic appearance.				
68-95'9	Green and dark grading to green and brown finely banded sediment? tuff. Becoming grey and green finely banded after 85'. Little pyrite on bedding planes.				
95'9-97'6	79-80½ Very fine grained cherty little fracturing. Dark grey fine grained silicious almost rhyolite rock (fine grano-diorite?) with fair pyrite mineralization.				
97½-100½	Green and brown banded sediment intruded by 3" dyke.				
100½-107'4	Dyke similar to above, coarser, porphyritic - feldspar porphyry.				
107'4-115'6	Dark and green to grey green fine grained sediment. Thin sheets pyrite on bedding planes. Last 6" fractured and intruded by white quartz.				
115'6-116'10	Dyke similar to 95'9-97'6. First contact fractured with blue quartz filling and considerable pyrite and pyrrhotite. pyrite on fracture surfaces in dyke.				
116'10-154	Slate- Dark to grey very finely banded sediment with occasional green brown bands. Considerable pyrite on bedding planes and fine fractures. 134-136 Fracture zone with bluish quartz and pyrite.				

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Kov-1-Ohman option

Hole No. D.D. 5-47 Page 2.

Logged by J.C.S.

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33578	Well fractured silicious grey sediment or "sheared rhyolite."	650-652½	30"		nil
88	Dark altered sediment fair fracturing and fair pyrrhotite mineralization.	684-686	24"		nil
89	Dark, altered, contorted sediments, little fracturing and pyrrhotite mineralization.	705-707½	30"		nil
90	Rhyolite - contact zone slight fracturing and pyrite.	711-713½	30"		2.80
91	Fine greyish rhyolite porphyritic - little pyrite.	713½-715	18"		5.25
92	Ditto.	715-717½	30"		3.15
93	Ditto.	717½-720	30"		2.80
94	Ditto.	720-722	24"		2.45
95	Ditto.	722-724			1.75
96	White quartz, some rhyolite fragments.	724-725	12"		0.70
97	Better fracturing with quartz axax stringers and coarser pyrrhotite and sphalerite?	725-727½	30"		nil
98	Ditto.	727½-730	30"		1.40
99	Silicified sediment, rhyolite mixture.	730-732½	30"		2.80
33600	Ditto.	732½-735	30"		nil
01	Ditto.	725-727½	30"		1.05
02	Ditto.	737½-740	30"		1.05
0- 4	Casing.				
4 - 17	Grey fine grained slightly silicious, finely banded sediment.				
17-57	Sediment, generally grey or brown with narrow green bands. Some grey silicious sections.				
57-68	50-57 Greyish green, uniform in color, banding obscure. Grano-diorite dyke; coarse in middle, fair pyrite mineralization. Coarse feldspar - porphyritic appearance.				
68-95'9	Green and dark grading to green and brown finely banded sediment? tuff. Becoming grey and green finely banded after 86'. Little pyrite on bedding planes.				
95'9-97'6	79-80½ Very fine grained cherty little fracturing. Dark grey fine grained silicious almost rhyolite rock (fine grained grano-diorite?) with fair pyrite mineralization.				
97½-100½	Green and brown banded sediment intruded by 3" dyke.				
100½-107'4	Dyke similar to above, coarser, porphyritic - feldspar porphyry.				
107'4-115'6	Dark and green to gray green fine grained sediment. Thin sheets pyrite on bedding planes. Last 6" fractured and intruded by white quartz.				
115'6-116'10	Dyke similar to 95'9-97'6. First contact fractured with blue quartz filling and considerable pyrite and pyrrhotite. Pyrite on fracture surfaces in dyke.				
116'10-154	Slate-Dark to grey very finely banded sediment with occasional green brown bands. Considerable pyrite on bedding planes and fine fractures. 134-136 Fracture zone with bluish quartz and pyrite.				

PTCKLE CROW GOLD MINES LTD,

DIAMOND DRILL REPORT.

HASAGA

Hole No, D.D. .E-47. Page 3

Koval-Ohman Option.

Place Location Direction Date

Sample No.	Description	Footage	Width	Ass	
				Oz.	Value
154 - 164	Green and brown banded sediment with some grey bands.				
164 - 165	Breccia zone. 6" strongly brecciated with apparently only small movement - sharply angular small fragments - silicious filling.				
165 - 185	Grey to dark to greenish sediment, silicious. Badly broken. Considerable pyrite (marcasite?) on fractures and bedding planes. 165'10-167'10 Ground. 177'-177'10 Ground. 182'8-184 Ground. 179-185 Greenish poorly bedded band. Core broken. Hole carved in this zone.				
185 - 202½	Very dark silicious sediment. Hard, fine grained, poorly bedded. Pyrite on fractures and bedding planes. Core badly broken, some greenish beds 196-196½ Dyke.				
202½ - 203½	Dyke? greenish, fine grained.				
203½ - 205½	Fine grained greenish sediment poor bedding.				
205½ - 208'3	Quartz diorite dyke- fairly coarse grained.				
208'3-224½	Grey to Brownish sediment with some green bands. Generally well bedded and slaty in character.				
224'6-233'10	Dyke, greenish, soft. 228'3-233'10 Ground.				
233'10-246	Grey to brownish fine grained well banded sediment with occasional greenish beds.				
246 - 250	Green and brown banded some fracturing with quartz stringers. Some massive pyrrhotite and pyrite mineralization.				
250 - 280	Generally very fine grained slightly silicious, sometimes slaty sediments. Grey to brown and dark in color, some cherty bands. Little fracturing in places. Considerable pyrite on bedding planes and on tiny fractures. 257½-259½ Dyke? Grit? 268-270½ Dyke? Grit? 270½-271 Greenish fractured band. 271-272 Dyke? Grit? 274-278½ Massive granular dark to greenish quartzitic band.				
280 - 285½	Sediment as above, fractured and intruded by white and blue quartz veins. Some pyrrhotite.				
285½ - 301½	Grey to dark slaty sediment with occasional green amphibolitic band. Pyrite on fractures and bedding planes, little pyrrhotite.				
301½ - 303	Very silicious sheared quartzite fractured with white quartz veining. Very light in color. Little pyrite and pyrrhotite.				
303 - 307	Grey to dark silicious sediments. Hard, fine grained finely banded.				
307 - 308½	Sheared quartzite? very light in color, little pyrite, sericite on the shear planes.				
308½ - 313	Sheared green and brown banded sediment.				
313 - 334	Sediment, generally grey to dark fine grained. 321½-322½; 323-324; - Grit bands, massive granular medium grained. 328-330 Lighter more silicious.				
334 - 342½	Green massive amphibolitic tuff? 338½-340 Distinct grey bands - rhyolite? - with sharp contacts.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. . E-A7, Page 4.

Place Location Direction Date

Sample No.	Description	Footage	Width	Ass. Oz. Value
342½ - 345½	Grey even textured medium fine grained rhyolite? South contact gradational. North fragmental and distorted - fractures with pyrite.			
345½ - 350	Grey fine grained finely banded sediment with considerable pyrite on bedding planes and tiny fractures.			
350 - 367	Generally dark green poorly banded tuff? sediment? Amphibolitic in places. Cherty grey sediment bands common in last 3 feet.			
367 - 368½	352' 5" grey fine grained dyke.			
368½ - 380	Dyke. Generally grey fine grained sediment but with numerous coarser bands of greenish sometimes amphibolitic material.			
380 - 445	371-373 Quartz diorite dyke. Fine to coarse, often amphibolitic greenstones, flows and tuffs with occasional short sections of grey to brownish, well bedded sediment. between 381-381½; 387½-388; 404-406.			
445 - 482	389-390 Fractured and well mineralized with pyrrhotite. Considerable biotite. 431-432 Greenish grey rhyolite phase, little pyrite.			
482 - 487'9	Green and blue green and brown banded tuff? sediment? Little fracturing with white quartz and quartz carbonate stringers. Some highly mineralized narrow bands with pyrrhotite and pyrite.			
487'9 - 497	482 - 487'9 Brownish to grey, fine to medium grained, silicious rock with little scattered pyrite. Quartz diorite?			
497 - 499	Massive light green with white carbonate to finely banded green and brown tuff. Slightly sheared.			
499 - 520	Coarsened banding - some garnets.			
520 - 538	Grey sediment? Sheared rhyolite with slight fracturing and numerous tiny stringers and blebs of quartz carbonate.			
538 - 568	Green and brown banded tuff with bands highly garnetiferous up to 1 foot wide. 529-531 silicious sediment? Some narrow highly mineralized bands with massive pyrrhotite.			
568 - 574½	Green and brown to dark "lenticular" banded tuff? Sediment? More finely banded in last five feet.			
574½ - 582	Finely banded green and brown grading to brown sediment? tuff? Slight silicification near end of section with little pyrrhotite. Few garnets.			
582 - 592	Grey silicified sediment to dark sheared sediment in last 2 feet. Slight to fair fracturing with white quartz veining and little pyrrhotite mineralization.			
592 - 647½	578'8-579'10 Ground. 580'6-580'10 Dyke. Grey to dark silicified sediment with considerable white quartz veining between 582-582½; 582'10-583'3; 583'6-585; 587-587½; 590-592'. Fair pyrrhotite, little arsenopyrite and possible sphalerite associated with veining.			
	Rhyolite - generally grey but grading to coarser brownish grey "rolle" variety and with some dark sheared rhyolite or altered sediments in places.			
	592½-593½ Considerable fracturing with blue and white quartz veining - fair pyrrhotite.			

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-47, Page 5.

Place Location Direction Date

Sample No.	Description	Footage	Width	ASSAY	
				Oz.	Value
	612-613 Ditto.				
	615-625 Finer grained sheared rhyolite? or altered sediment? Mineralization poor - mainly little pyrite. Muscovite common and pyrite on some fractures and slips.				
	625-634 Fairly coarse "rolled" rhyolite - fair fracturing with blue and white quartz stringers. Some fine mineralization.				
634 - 638½	Fine "sheared rhyolite" type - fractured with quartz stringers and muscovite.				
	638½-647½ Fairly coarse "rolled" rhyolite with some fracturing and little mineralization.				
647 - 661	Grey silicified sediment with fracturing and white quartz veining. Little pyrrhotite. First contact gradational, second fairly sharp. "Sheared rhyolite" appearance.				
661 - 672	Dark brown tuff? sediment? with numerous flecks and stringers of quartz and quartz carbonate.				
672 - 676	Dark and green banded tuff? sediment?				
676 - 703½	Grey to brownish to dark slightly sheared tuff? sediment? with numerous small quartz and quartz carbonate stringers and blebs.				
	676-679 Dark, little fracturing, minor pyrrhotite.				
	679-685 Finer, more silicious.				
	686'9-687'9 Ground.				
	685-691 Darker.				
	691-703½ Lighter, more silicious better fracturing with quartz stringers				
	699-700½ Rhyolite - fairly coarse rolled variety.				
703½ - 711	Dark grey altered sediments, slight fracturing with quartz stringers. Some sections appear as sheared rhyolite. Little pyrrhotite and muscovite.				
711 - 713½	Rhyolite. Gradational contact zone, Coarse grained appearance, slightly porphyritic in places. Little fracturing.				
713½ - 731½	Rhyolite fine grey to blue grey color, slight fracturing with quartz stringers. Little fine pyrite and pyrrhotite.				
	713½-724 As above.				
	724-725 White quartz vein.				
	725-731½ Better fracturing, quartz veining and mineralization.				
731½ - 740	Highly silicified and fractured mixture rhyolite and grey sediment. Fairly well mineralized with pyrrhotite and little pyrite.				
740 - 750	Grey silicified grading to green and brown banded sediment.				
	End of hole 750'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

Hole No. D.D. E-48.....

Place ... Surface Location. Direction, N 22 W Date

Dip: at 0' -66°; at 300' -47°; at 500' -40°; at 700' -34°;

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-5	Casing				
5-64	Badly broken. North-South Fault zone? material.	Grey and green crushed			
64-92	Finely banded dark sediments.				
92-122	Grey green fine sediments.				
122-157	Grey and green to grey and dark sediments.				
157-182	Grey well banded sediment.				
182-183	Dyke				
183-209	Green and brown well banded sediment? tuff?				
209-258	Grey sediment with few green bands.				
258-295	Dark to slaty sediments.				
295-333	Brownish grey to grey well banded sediment.				
333-345	Light to dark green amphibolitic band.				
345-375	Dark to light grey well banded sediment.				
375-377	Dyke.				
377-398	Amphibolitic band.				
398-402	Grey to brown sediment.				
402-477	Green amphibolitic tuff.				
477-491	Green and brown banded tuff.				
491-493	Rhyolite.				
493-507	Green and brown to green and grey silicified and altered tuff.				
507-527	Grey highly silicified sediment.				
527-541	Green and brown silicified tuff.				
541-544	Rhyolite.				
544-605	Tuff, grading from massive green to green and brown banded.				
605-630	Grading into brown and grey sediments.				
630-634	Highly altered, silicified and fractured grey sediment.				
634-635	Rhyolite.				
635-636	Altered grey sediment.				
636-638	Rhyolite.				
638-684	Highly silicified grey sediment.				
684-691	Dark and green banded sediment? tuff?				
691-695	Greywacke.				
695-700	Dark and green banded sediment? tuff?				
700-732	Dark grey altered greywacke.				
732-757	Slightly fractured rhyolite.				
757-767	Dark altered sediment.				
767-770	Dark brown and green banded tuff.				
	End of hole 770'.				

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TO FOLLOW

~~EDGE MOUNTAIN GOLD MINES INDEX~~

DIAMOND DRILL REPORT.

HASAGA

Koval/Ohman Option

Hole No. D.D. ~~3-A8~~..

4378 N

Place ~~Surface~~... Location ~~7316 E~~..... Direction ~~N. 22. W.~~... Date

Dip: at 0' -66°; at 300' -47°; at 500' -40°; at 700' -34°;

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-5	Casing.				
5-64	Badly broken. North-South Fault zone? Grey and green crushed material.				
64-92	Finely banded dark sediments.				
92-122	Grey green fine sediments.				
122-157	Grey and green to grey and dark sediments.				
157-182	Grey well banded sediment.				
182-183	Dyke.				
183-209	Green and brown well banded sediment? tuff?				
209-258	Grey sediment with few green bands.				
258-295	Dark to slaty sediments.				
295-333	Brownish grey to grey well banded sediment.				
333-345	Light to dark green amphibolitic band.				
345-375	Dark to light grey well banded sediment.				
375-377	Dyke.				
377-398	Amphibolitic band.				
398-402	Grey to brown sediment.				
402-477	Green amphibolitic tuff.				
477-491	Green and brown banded tuff.				
491-493	Rhyolite.				
493-507	Green and brown to green and grey silicified and altered tuff.				
507-527	Grey highly silicified sediment.				
527-541	Green and brown silicified tuff.				
541-544	Rhyolite.				
544-605	Tuff, grading from massive green to green and brown banded.				
605-630	Grading into brown and grey sediment				
630-634	Highly altered, silicified and fractured grey sediment.				
634-635	Rhyolite.				
635-636	Altered grey sediment.				
636-638	Rhyolite.				
638-684	Highly silicified grey sediment.				
684-691	Dark and greenbanded sediment? tuff?				
691-695	Graywacke.				
695-700	Dark and green banded sediment? tuff?				
700-732	Dark grey altered graywacke.				
732-757	Slightly fractured rhyolite.				
757-767	Dark altered sediment.				
767-770	Dark brown and green banded tuff.				

End of Hole 770'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

H.SAGA
Kovul-Chaman Option

Ftgs.	Dip	Brg.
0'	-66° 00'	
100'	-61° 00'	N20W
300'	-47° 00'	N18 1/2 W
500'	-40° 00'	N18 1/2 W
700'	-34° 00'	N23W

Hole No. D.D. F-48

4377.9N

Place SFFFP... Location 7315.95... Direction N227... Date Oct. 12/54.
Elevation 4988.9

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33635	Dark poorly banded sediment with silicious dyklets and little fracturing.	243-245	24"		nil
36	Fair fracturing with bluish quartz stringers and good pyrrhotite mineralization.	252 1/2-255	30"		nil
37	Grey silicified band.	320-322	24"		nil
38	Dark sediment, little fracturing with bluish quartz stringers and fair pyrrhotite.	331-333	24"		nil
39	Grey sediment with green amphibolitic band - pyrrhotite and chalcopyrite.	367-368	12"		nil
40	Silicified zone with fair very fine mineralization.	370-371	12"		nil
41	Silicified amphibolitic rock.	393-395	24"		nil
42	Contorted with considerable quartz and some pyrrhotite.	463-465	24"		nil
43	Silicified rhyolite? Fairly good pyrrhotite - fairly massive.	491 1/2-493 1/4	24"		nil
44	Highly altered and intruded green banded rock. Little pyrrhotite.	505-507	30"		nil
45	Grey "sheared rhyolite".	512 1/2-515	30"		nil
46	Grey "sheared rhyolite" slightly better fracturing.	517 1/2-520	30"		nil
47	Highly altered sediment. Little fine mineralization.	527 1/2-530	30"		nil
48	Ditto.	530-532	30"		nil
49	Ditto.	532 1/2-535	30"		nil
50	Rhyolite, silicified fractural - good pynite and pyrrhotite.	542-544	24"		1.75
51	Fractured with white quartz veining and rhyolite? fragments.	567 1/2-568 1/2	12"		nil
52	Green and grey banded slightly silicified. Fine pyrrhotite and chalcopyrite.	570-572 1/2	30"		nil
53	Fractured brown sediment with blue to dark quartz veining - little pyrrhotite.	607-608 1/2	18"		nil
54	Silicified brown to dark grey sediment, quartz veining and little pyrrhotite.	616-618 1/2	30"		1.75
55	Altered green and brown sediment Little pyrrhotite.	630-632	24"		nil
56	Well fractured silicified greenish sediment? Well mineralized with pyrrhotite.	632-634 1/3	27"		nil
57	Fractured well mineralized rhyolite	634 1/3-635	9"		10.25
58	Fractured highly altered sediment.	635-636 1/2	14"		5.25

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

Hole No. D.D. E-48

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	g
59	Well mineralized rhyolite.	636½-638	22"		8.05
60	Silicious sediment with fair arsenopyrite.	638-640	24"		nil
61	Sheared rhyolite.	645-647½	30"		0.70
62	Ditto.	647½-650	30"		nil
63	Sheared rhyolite. Small massive concentration of mineral.	657-659	24"		nil
64	Sheared rhyolite.	659-661	24"		nil
65	Ditto.	66½-670	30"		nil
66	Sheared rhyolite.	680-682	24"		nil
67	Ditto.	682-684	24"		nil
68	Green and dark banded.	691-692	12"		nil
69	Greywacke or sheared rhyolite.	692-695	36"		nil
70	Green and dark banded. Little pyrrhotite.	697½-700	30"		nil
71	Silicious grey sediment.	728-730	24"		nil
72	Silicified sediment fractured with white quartz stringers.	730-732	24"		2.45
73	Grey rhyolite.	732-734	24"		2.10
74	Ditto.	734-736	24"		1.05
75	Ditto.	736-738	24"		1.40
76	Ditto.	738-740	24"		3.15
77	Ditto.	740-742½	30"		3.85
78	Ditto.	742½-745	30"		9.45
79	Ditto.	745-747½	30"		10.50
80	Ditto.	747½-750	30"		8.75
81	Ditto.	750-752½	30"		4.20
82	Ditto.	752½-755	30"		1.05
83	Ditto.	755-756½	18"		0.70
84	Highly altered intruded. sediment.	756½-759	30"		nil
85	Ditto.	759-761½	30"		nil
86	Ditto.	761½-763	18"		nil
87	Ditto - concentration of pyrrhotite.	763-765	24"		nil

8-5 : Casing.
 5-64 : Badly broken ground. Numerous rusty slips and seams in first 20 feet.
 5-11 Generally dark and green banded.
 11-13 Granitic dyke.
 13-13½ White quartz.
 13½-20 Dark and green banded to dark cherty rock.
 20-30 Greenish badly broken granular rock - dyke - fault material?
 30-49 Generally dark and green to grey and green sometimes cherty sediments. 36-38 Granitic dyke.
 49-50 Granitic dyke - fair pyrite on fracture surfaces.
 50-51 Greenish granular material crushed - micaceous, slickensides on slip? Fracture with oolitic calcite.
 51-52 Dark silicious sediment.
 57-58 Crushed greenish material - cemented fragments.

PICKLE CROW GOLD MINES LTD,

DIAMOND DRILL REPORT,

Hole No. D.D. E-48...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
63-64	as 57-58				
64-92	Core was ground from - 5'-6'4"; 13'10"-15'; 17'3"-18'3"; 22'9"-23'11"; 30'-30'10"; 33'6"-35'10"; 39'-41'; 52'-55'; 56'4"-57'; 58'-63'; Generally finely banded dark sediment with minor green bands. Some fracturing with quartz stringers.				
92-100	79-80, 81-82, - 91-92 Ground. Fairly dark in color, greenish grey and some brownish bands more common.				
101-122	Grey green finely bedded sediment. Some fracturing with white quartz veining especially from 115-117. Some pyrite and little pyrrhotite.				
122-125	Green and brown banded.				
125-136½	Generally darker grey to dark and green banded sediment. Some pyrrhotite. 6" fracturing with white quartz veining at 127'.				
136½-; 39' 3	First part of section greenish and brown poorly banded fractured material with white quartz veining. Last foot highly silicious with fair pyrite.				
139'3-157	Green and brown to dark poorly bedded, some bluish green almost massive sections.				
157-182	155' - fracturing with white quartz. Predominately grey well banded sediment, brownish and green bands common in last 7 feet. Bedding at 40° to core.				
182-182½	Dyke - broken core.				
182½-184	Ground.				
184-209	Predominately green and brown well bedded sediment, grey beds common. Fracturing with white quartz veining from 190½-198.				
209-234	Grey, fine grained, generally well bedded sediment. Little fracturing with blue and white quartz stringers. Bedding at 50° to core. 221'2"-221'7" Green dyke.				
234-258	Similar sediments with green bands more common. Few garnets associated with green bands. Considerable fracturing with introduction of blue and white quartz stringers and veins. Good pyrrhotite mineralization in sections of best fracturing. Occasional very narrow grey green, porphyritic? silicious dyklets - possibly later some of the quartz.				
258-295	Dark becoming predominately grey well bedded to slaty sediments. with minor green bands. Very minor fracturing and slips with pyrite and little pyrrhotite in first 10 feet.				
295-333	Brownish grey to grey generally well banded sediment. 295-296½ Bedding contorted - dragfolded? 296½-297½ white quartz veining. 308-309½ Dyke. 310-310'9 Dyke. 315½-322 Grey silicified band. Little fracturing. 318'9-319'3 Dyke.				
333-345½	331-333 Occasional very narrow bluish quartz stringers with pyrrhotite. Light to dark green coarsely amphibolitic band with little fracturing and associated coarse pyrrhotite.				
345½-375	Dark to light grey fairly well banded sediment with pyrrhotite on				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

Hole No. D.D. 3748

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
	bedding planes. Occasional narrow (up to 1") green amphibolitic bands.				
	362- 3" quartz vein.				
	367½ 2" amphibolitic band with quartz carbonate on contact with good pyrrhotite and chalcopyrite.				
	369½-371 Silicified band with very fine mineralization aligned with direction of bedding.				
375-377	Very light greenish medium grained dyke? with occasional garnets in first half.				
377-378	Green coarse appearing amphibolitic band.				
378-381	Dark grey fine grained silicious poorly bedded sediment.				
381-398	Green amphibolitic poorly bedded with blue green silicified appearance from 387½-395.				
398-402	Grey to brown sediment.				
402-477	Green amphibolitic tuff? with little fracturing and numerous quartz and quartz carbonate flecks and stringers.				
	411½; 425½; 3" quartz veins.				
	452-467½ More predominately grey to brownish with large percentage of quartz and quartz carbonate. Generally better and finer banding, somewhat contorted. Some pyrrhotite mineralization.				
	467½-477 Massive green amphibolitic.				
477-491' A	Predominantly brown and green banded.				
	483½ 6" grey narrow banded sediment with solution cavities.				
491'4-493' A	Highly silicified, fractured rhyolite? with fairly good pyrrhotite mineralization. Sharp contacts.				
493'4-503' B	Green and brown banded sediment?				
503'6-507	Green banded - silicified and intruded by "sheared rhyolite" Few garnets.				
507-527	Grey sheared rhyolite, slight fracturing with occasional bluish quartz stringers - Little pyrrhotite mineralization.				
527-535	Highly silicified and altered probably green and brown banded rock. Fine pyrite and pyrrhotite mineralization.				
535-541	Green and brown silicified "lenticular" banded.				
541-542	Garnetiferous green and dark banded.				
542-544	Highly silicified rhyolite? Well fractured with bluish quartz stringer which are also fractured and well mineralized with massive pyrite and pyrrhotite. Core badly broken.				
544-555	Massive green and dark banded tuff? with numerous large garnets.				
555-605	Green and brown, sometimes grey lenticular banded tuff? Some sections slightly silicified and mineralized with fine pyrrhotite and chalcopyrite.				
	568-568½ Bluish and white quartz veining with rhyolite? fragments.				
605-630	Grading from green and brown "lenticular" banded through brown to grey sediment with some highly silicified sections.				
	607 1" blue quartz vein.				
	608 3" bluish to dark quartz.				
	616½-618½ Narrow highly silicified sections and quartz veining. Little pyrrhotite.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

Hole No. D.D. E-48...

Place Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
630-634½	Highly altered, silicified and fractured sediment. Grey to brown and green to greenish in color - numerous bluish and white quartz stringers. Fair to good pyrrhotite.				
634½-635	Dark blue grey - porphyritic? - rhyolite well mineralized with pyrrhotite.				
635-636½	Highly altered and fractured sediment. Blue and white quartz stringers.				
636½-638	Rhyolite - well mineralized with pyrrhotite and pyrite.				
638-645	Highly altered sediment? with some fracturing and occasional quartz stringers. Muscovite on fractures. Fine to coarse scattered arsenopyrite in first two feet.				
645-684	"Sheared rhyolite" with minor fracturing usually with narrow white quartz stringers and biotite. Some fairly coarse muscovite. Little fine pyrite and pyrrhotite with scattered small concentrations from 657-660. Generally dark in color but some sections lighter - perhaps silicified.				
	650-651½ Dyke.				
	654½-657 Dyke with fractures filled with cherty yellow green mineral				
	678½-679½ Fine sheared dyke.				
684-691½	Dark and green narrowly banded sediment?				
691½-695	Dark grey altered greywacke? Similar to parts of "sheared rhyolite".				
695-700	Dark and green banded tuff? Little fine pyrrhotite.				
700-732	Dark grey altered greywacke? with numerous irregular narrow greenish bands.				
	728-732 Fairly well silicified and fractured with white quartz stringers.				
	714½ 4" Dyke.				
	721½-722½ Dyke. Fractured with bluish quartz and pyrrhotite.				
732-756½	Fine grained grey rhyolite with little fracturing occasional white quartz stringers and fine pyrite and pyrrhotite mineralization. Sheets of pyrite on some fractures. Mineralization possibly better at end of section.				
756½-766½	Dark grey altered and intruded sediment. Some concentrations of pyrite				
766½-770	Green and brown banded.				
	End of hole 770'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

Hole No. D.D. E-49

4790 N.

Place Surface Location. Direction N 22° W Date

7796 E.

Dip: 0' -65°; 300' -44°; 500' -34°; 700' -28°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3	Casing.				
3-50	Dark to grey well banded sediment.				
50-51	Dyke.				
51-60	Massive green tuff.				
60-72	Fine grained grey sediment.				
72-111	Massive green tuff.				
111-112	Dark grey sediment.				
112-128	Green and brown banded tuff?				
128-130	Grey sediment.				
130-151	Green and brown banded tuff.				
151-237	Green andesitic flows and tuff bands.				
237-239	Slaty sediment.				
239-250	Green and brown tuff? sediment?				
250-253	Brown sediment.				
253-264	Altered tuff.				
264-265	Rhyolite.				
265-286	Altered tuff.				
286-388	Generally grey to dark grey fairly well banded sediments.				
388-415	Green and dark banded tuff? sediment?				
415-420	Dyke.				
420-458	Green and grey silicified tuff?				
458-473	Grades into dark grey sediment with some slaty bands.				
473-482	Silicified grey sediments.				
482-526	Highly fractured and silicified rhyolite with numerous small quartz stringers.				
526-542	Silicified grey sediment.				
542-544	Dyke.				
544-551	Silicified grey sediment.				
551-554	Dyke.				
554-566	Grey sheared and fractured sediment.				
566-598	Brown fractured sediments, with white quartz veining.				
598-618	Grey to dark sediments.				
618-626	Green to dark and green tuff.				
626-629	Dyke.				
629-656	Massive green to green and brown banded tuffs.				
656-660	Slaty sediments.				
660-695	Massive to green and brown banded tuffs.				
695-696	Dyke.				
696-741	Tuff and greenstone bands, cut by scattered narrow dykes.				
End of hole 741'.					

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DIAMOND DRILL REPORT.

HASAGA

Hole No. D.D. 4-49..

Koval-Oshan Option

4790 N

Place Surface... Location Direction N. 22° W. Date

Dip: 0' - 65°; 300' - 44°; 500' - 34°; 700' - 23°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3	Casing.				
3-50	Dark to grey well banded sediment.				
50-51	Dyke.				
51-60	Massive green tuff.				
60-72	Fine grained grey sediment.				
72-111	Massive green tuff.				
111-112	Dark grey sediment.				
112-128	Green and brown banded tuff?				
128-130	Grey sediment.				
130-151	Green and brown banded tuff.				
151-237	Green andesitic flows and tuff bands.				
237-239	Slaty sediment.				
239-250	Green and brown tuff? sediment?				
250-253	Brown sediment.				
253-264	Altered tuff.				
264-265	Rhyolite.				
265-286	Altered tuff.				
286-388	Generally grey to dark grey fairly well banded sediments.				
388-415	Green and dark banded tuff? sediment?				
415-420	Dyke.				
420-458	Green and grey silicified tuff?				
458-473	Grades into dark grey sediment with some slaty bands.				
473-482	Silicified grey sediment.				
482-526	Highly fractured and silicified rhyolite with numerous small quartz stringers.				
526-542	Silicified grey sediment.				
542-544	Dyke.				
544-551	Silicified grey sediment.				
551-554	Dyke.				
554-566	Grey sheared and fractured sediment.				
566-598	Brown fractured sediments, with white quartz veining.				
598-618	Grey to dark sediments.				
618-626	Green to dark and green tuff.				
626-629	Dyke.				
629-656	Massive green to green and brown banded tuffs.				
656-660	Slaty sediments.				
660-695	Massive to green and brown banded tuffs.				
695-696	Dyke.				
696-741	Tuff and greenstone bands, cut by scattered narrow dykes.				

End of Hole 741'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Koval-Ohman Option

File No. D.D. 419..

Place Surface... Location 7796.25 Direction N 22 W Date

Dip: 0° -65° 100° -56° 500° -34° 300° -44° 700° -28°

Sample No.	Description	Footage	Width	Assay	
				Oz. Au	Gr. Ag
33693	Fractured dyke with good pyrrhotite	50-51	12"		nil
33696	Silicified zone in green tuffs or altered andesite. Some pyrrhotite.	156-158	24"		nil
97	Quartz veining with pyrrhotite and chalcopyrite.	220-221½	18"		1.05
98	Silicified with quartz veining and massive pyrrhotite and pyrite.	237-238½	18"		nil
99	Grey silicified sediment - fair pyrrhotite on bedding.	337-339	24"		nil
33701	Dark grey sediment with fair pyrrhotite on bedding.	367-369	24"		nil
33700	Silicified grey sediment. fine pyrrhotite and arsenopyrite.	382-383	12"		nil
33703	Light siliceous and cherty sediments. Little fracturing with bluish quartz and pyrrhotite.	465-466½	18"		nil
04	Very dark slaty sediment with fair pyrrhotite and coarse arsenopyrite	466½-468	18"		nil
05	Slightly silicified grey sediment.	475-477½	30"		nil
06	Siliceous sediment, cherty bands. Fair pyrrhotite and pyrite	477½-480	30"		4.90
07	Ditto	480-481½	18"		2.80
08	Fractured silicified porphyritic? rhyolite. Little mineralization.	481½-483	18"		4.20
09	Ditto - Better silicification.	483-485	24"		4.55
10	Fractured silicified & slightly mineralized rhyolite.	485-487½	30"		16.45
11	Ditto	487½-490	30"		5.25
12	Ditto	490-492½	30"		3.85
13	Ditto	492½-495	30"		3.50
14	Ditto	495-497½	30"		.70
15	Ditto	497½-500	30"		2.45
16	Ditto	500-502½	30"		13.30
17	Ditto	502½-505	30"		4.20
33702	Highly siliceous rhyolite? Very well fractured, little fine pyrite.	505-507½	30"		2.80
18	Ditto	507½-510	30"		5.95
19	Ditto	510-512½	30"		2.45
20	Ditto	512½-515	30"		2.80
21	Ditto	515-517½	30"		8.05
22	Ditto	517½-520	30"		1.75
23	Ditto	520-522½	30"		nil
24	Ditto	522½-525	30"		nil
25	Ditto - Very little mineralization.	525-526	12"		2.10
42	Silicified grey sediment with white quartz veining.	526-528	24"		nil
43	Ditto	528-530	24"		1.40
44	Ditto - Darker	530-532	30"		2.45

PICKLE CROW GOLD MINES LTD.

Page 2.

DIAMOND DRILL REPORT.
HISAGA
Koval-Ohman Option

Hole No. D.D. F-49..

Place Surface... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33745	Silicified grey sediment with white quartz veining.	532½-535	30"		.70
46	Ditto	535-537½	30"		2.80
47	Ditto - More veining	537½-540	30"		2.80
48	Lighter in color - sheared to rolled rhyolite types	540-542'9"	33"		1.75
49	10" Dyke	542'9"-543'7"	10"		.70
50	Silicified sediment & rolled rhyolite	543'7"-545	17"		.70
51	Ditto	545-547½	30"		3.15
33726	Highly altered sediment: "Rolled Rhyolite". Very little mineralization.	547½-550	30"		10.15
33752	Silicified grey sediment.	550-551	12"		1.05
53	Dyke	551-554	36"		nil
54	Sheared grey sediment.	554-555	12"		nil
55	Silicified grey sediment (sheared rhyolite appearance) Fractured & little mineralization.	560-562½	30"		nil
56	Sheared grey & brown sediment.	565-567½	30"		nil
33727	Fractured sediment with white quartz	595-596½	18"		nil
28	Ditto	596½-598	18"		8.40
29	Fairly well mineralized & fractured dark grey sediment.	598-600	24"		nil
30	Lighter in color fair but less mineralization.	600-602	24"		nil
31	Ditto - becoming darker. some cherty bands.	602-604	24"		nil
32	Dark & Green with fair pyrrhotite & coarse arsenopyrite.	614-615½	18"		nil
33	Very heavily mineralization with pyrrhotite - some chalcopyrite & pyrite.	626-627	12"		nil
34	Green & Dark Banded, silicified with heavy pyrrhotite & arsenopyrite mineralization.	635'6"-637'2"	20"		nil
35	More lightly mineralization.	637'2"-638	10"		1.75
36	Green & Brown banded fractured - fair coarse arsenopyrite & pyrrhotite.	653-655	24"		nil
37	Sediment - fractured, silicified & well mineralized.	656½-658	18"		.70
33	Ditto	658-660	24"		1.05
39	Well mineralized garnetiferous band.	692½-695	30"		nil
40	Silicified zone - good pyrrhotite.	705-707½	30"		nil
41	Ditto	707½-710	30"		nil
0 - 3	Casing.				
3 - 50	Dark to grey, fine to medium grained, generally well bedded sediment.				
50 - 51	Fine grained quartz diorite dyke fractured & silicified with good pyrrhotite.				
51- 59½	Massive green amphibotitic tuff?				

PICKLE CROW GOLD MINES LTD.

Page. 3.

DIAMOND DRILL REPORT,
HASAGA
Koval-Ohman Option

Hole No. D.D. X-49...

Place Surface... Location Direction Date

Sample	Description	Footage	Width	Assay	
				Oz.	Value
59½ - 72	Fine grained fairly massive grey sediment with considerable pyrite on joint & bedding planes. Few brown & green bands in foot. 68-70 -Ground.				
72-111	Massive dark green to grey green sheared & fractured amphibolitic tuff. White quartz & quartz carbonate veining in first eight feet.				
111-112	Dark grey sediment.				
112-127½	Green & brown banded to massive green amphibolitic tuff with white & bluish quartz stringers.				
127½-130	Brownish to grey sediment.				
130-151	Green & brown to massive green amphibolitic tuff.				
142-143	Dyke.				
151-162	Lighter green fairly massive. Silicified with bluish & white quartz especially from 156-159. Some pyrrhotite.				
162-172	Green & brown to grey green tuff or andesite?				
172-187	Generally dark blue green silicified tuff on andesite. Some small green amphibolitic bands. Fine to massive pyrrhotite mineralization. Occasional narrow white quartz or quartz carbonate stringers.				
187-190	Zone of quartz & later quartz carbonate veining. Probably flow top. Little pyrite.				
190-197	Similar to 172-187.				
197-237	Generally massive green andesitic flows with zones of quartz and carbonate veining - probably flow tops - 220-221½ quartz veining with pyrrhotite and chalcopyrite.				
237-238½	Fractured contact zone with considerable massive pyrite and pyrrhotite. silicified and containing quartz stringers.				
238½-239	Finely bedded slaty sediment.				
239 -250	Green and brown banded tuff with narrow quartz carbonate stringers.				
250-253½	Brown sediment.				
253½-255	Garnetiferous tuff.				
255-264½	Carbonatized tuff. green-banded with white carbonate and quartz stringers.				
264½-265½	Light rhyolite or feldspar porphyry dyke.				
265½-286	Carbonatized tuff - better banding in last five feet and more siliceous 276-279 Andesitic.				
286-301	Grey fairly well banded sediment with little pyrrhotite and some biotite. Occasional white quartz stringers. Greenish bands becoming prominent in last five feet.				
301-314	Green and grey to green and brown sometimes "lenticular banded".				
314-388	Grey well bedded sediment. Some green and brown bands from 320-330. Becoming more siliceous after 330 to 350' with some sections well mineralized with pyrrhotite. Occasional quartz stringers, 382-383. Silicified section with very fine pyrrhotite and arsenopyrite?				
388-415'9"	Green and grey to green and dark "lenticular" banded with some short sections grey sediment. Last six feet slightly silicified.				
15'9"-416'6"	Dyke				
416½--417½	Green and grey "lenticular" banded.				
417½ -420	Dyke				
420-458	Grey and green "lenticular" banded. Quite siliceous in sections. Occasional quartz stringers. 432-433 massive green fine grained andesite?				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Page. 4.

Hole No. D.D. F-49...

Place Surf 899.. Location Direction Date

Sample No.	Description	Footage	Width	ASSAY
				Oz. Value
458 - 473	Grades from grey and green band to dark grey sediment with some very dark slaty bands and some light cherty bands. Some shearing and minor fracturing with pyrrhotite mineralization and coarse arsenopyrite. Slightly silicified.			
473 - 477 $\frac{1}{2}$	Grey sediment lighter in color perhaps more siliceous.			
477 $\frac{1}{2}$ -481 $\frac{1}{2}$	Fine grained cherty quite siliceous sediment with little fracturing and fair pyrrhotite and little pyrite.			
481 $\frac{1}{2}$ -526	Highly fractured and silicified rhyolite? with many very small white and bluish quartz stringers. Fair to good pyrrhotite, often massive, with associated chalcopyrite. Some fine pyrite and possibly little very fine arsenopyrite.			
526 - 542 $\frac{1}{2}$	Silicified and fractured dark grey sediment. Occasional white quartz stringers and little pyrrhotite.			
542 $\frac{3}{4}$ -543'8"	Dyke.			
543'8"-551	Highly altered sediment with narrow sections "rolled rhyolite" and a little fine pyrite. Occasional fracturing and white quartz.			
551 - 554	Dyke			
554 - 566	Grey slightly sheared and fractured sediment with occasional quartz stringers. Some sections appear as "sheared rhyolite".			
566-595	Dark brown slightly sheared sediment - with greenish bands in last half of section. 3" bluish quartz at 573'.			
595 - 598	Fracture zone in dark brown sediment with considerable white quartz veining.			
598 - 602	Fractured grey, slightly silicified, sediment with white quartz stringers. Fair pyrrhotite, pyrite and coarse arsenopyrite.			
602 - 618	Generally grey to dark sediment with a few green bands. Little shearing and fracturing with occasional quartz stringers.			
	606 $\frac{1}{2}$ - 2" dyke			
	615 $\frac{1}{2}$ - 1" dark band with arsenopyrite.			
	615 $\frac{1}{2}$ - 616 Dyke? Dense fine grained siliceous - dark in color.			
	617 $\frac{1}{2}$ - Pyrrhotite and chalcopyrite in narrow siliceous greenish bands			
618 - 623 $\frac{1}{2}$	Fine dark dense grading to dark green amphibolitic to 621 - Very heavily mineralized with pyrrhotite, and little chalcopyrite and pyrite from 621-622. Green, irregularly banded with bluish quartz stringers to 623 $\frac{1}{2}$.			
623 $\frac{1}{2}$ -625'8"	Dark and green narrowly banded. Fractured with bluish quartz stringers.			
625'8"-629 $\frac{1}{2}$	Fine siliceous dyke - fractured with bluish quartz stringer.			
629 $\frac{1}{2}$ -638	Green and brown to green and dark banded sediment? with little pyrrhotite. Some fracturing with bluish quartz. Heavy mineralization, pyrrhotite and arsenopyrite in silicified band from 635 $\frac{1}{2}$ - 637'2"			
638-651'3"	Massive green amphibolitic band with few quartz stringers 644 $\frac{1}{2}$ - 645 Ground.			
651 $\frac{1}{2}$ -652	Ground.			
652 - 656 $\frac{1}{2}$	Green and brown banded. Some fracturing with bluish quartz - coarse arsenopyrite and some pyrrhotite.			
656 $\frac{1}{2}$ -660	Sediment fairly well banded. Some sections slaty. Well fractured and silicified with fair to good pyrrhotite, pyrite? Chalcopyrite & arsenopyrite.			

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

HASAGA

Koval-Ohman Option

Page. 5.

Hole No. D.D. .K-49...

Place Surface... Location Direction Date

Sample	Description	Footage	Width	As:	
				Oz.	lb
660-682	Generally fine grained massive - silicified? - Green and brown tuff? Poorly banded. Occasional quartz stringers.				
682-692	More normal green and brown, still poorly banded. Little fracturing with quartz stringers.				
692-695	Green chloritic, garnetiferous band - fractured and heavily mineralized with pyrrhotite and arsenopyrite. Last 3" fractured dyke well mineralized. Strongly magnetic - see test at 700'.				
695 -695	Dyke.				
695-701	Light green massive poorly banded tuff.				
701-705	Massive dark green amphibolitic band.				
705-710	Greenish silicified well fractured zone with bluish quartz veins. Well mineralized with pyrrhotite.				
710 -719	Massive rather coarse amphibolitic band.				
719--725	Similar to 710-719 but fine grained.				
725-726	Greenish tuff or sediment.				
726-728	Dyke.				
728 -732	Greenish tuff or sediment. Longitudinal fractures with pyrite.				
732-733	Dyke.				
733-741	Greenstone. Darker green than 719-725. Longitudinal fractures and broken core.				

End of Hole 741'

DIAMOND DRILL REPORT

HASAGA

Koval-Chama Option

Hole No. D.D. **771**

3952 N.

Place ~~Surface~~ Location **4489 N.** Direction **S. 33. E.** Date

Dip: **6° -30°**

Sample No.	Description	Footage	Width	Assay	
				Oz. Au	Gr. Ag
0-3	Casing.				
3-20	Light green faintly banded tuff.				
20-33	Grey and dark sediment.				
33-56	Dark grey sediment slightly altered and cut by narrow quartz stringers.				
56-62	Dark with minor green bands. Tuff? Sediment? End of Hole 62'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. K-51...

3952.0 N

Logged by J.C.S.

Place Surface...

Location 4488.1 E

Direction S 23 E

Date

Dip 0°-30°

LEV 4997.0

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33301	Tuff green fine grained.	10-12½	30"		nil
02	Tuff? Sediment?	22½-25	30"		C.35
03	Tuff? Sediment? Little pyrrhotite.	25-27½	30"		nil
04	Ditto	27½-30	30"		nil
05	Ditto	30-32½	30"		nil
06	Dark sediment with little arsenopyrite.	32½-35	30"		6.65
07	Ditto	35-37½	30"		5.95
08	Brownish sediment with little better fracturing.	37½-40	30"		1.40
09	Dark sediment.	40-42½	30"		1.05
10	Ditto	42½-45	30"		nil
11	Ditto	45-47½	30"		nil
12	Ditto	47½-50	30"		nil
13	Dark sediment with quartz vein. Little fracturing and blue quartz stringers.	50-52½	30"		1.75
14	Ditto. Less quartz and fracturing.	52½-55	30"		1.05
15	Dark sediment and tuff?	55-57½	30"		nil
16	Ditto	57½-60	30"		8.05
17	Ditto	60-62	24"		nil
0 - 3	Casing.				
3 - 20	Tuff. Light greenish uniform rock with faint banding and occasional quartz stringers. Some amphibolitic phases.				
20 - 33	Greenish to grey and dark tuff? Sediment?				
33 - 56	Grey to dark sediment with a little arsenopyrite near 54°. Occasional quartz stringers and little weak shearing. 4" quartz stringer at 50". Little fracturing at 52" with quartz stringers.				
56 - 62	Little pyrite and arsenopyrite at 50-53". Dark and minor green banded sediment? Tuff? Well banded. Very little mineralization.				
	End of hole 62"				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
 HASAGA
 Koval-Ohman Option

Hole No. D.D. E-52

3944 N.

Place Surface Location 4464 E. Direction S 22° E Date

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-2	Casing				
2-23½	Pale green amphibolitic tuff.				
23½-33	Dark sediment? with minor green bands.				
33-45	Grey to dark sediment, slightly silicified and cut by quartz stringers.				
45-53	Dark sediment with occasional quartz stringers.				
	End of Hole 53'.				

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~~POCKET EXERCISE GOLD MINES EXPLOR~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. ~~42~~..

3944 N.

Place ~~Surface~~.... Location ~~4464 N.~~ Direction ~~S. 22. E.~~ Date

Dip: 0°-30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-2	Casing.				
2-23½	Pale green amphibolitic buff.				
23½-33	Dark sediment? with minor green bands.				
33-45	Grey to dark sediment, slightly silicified and out by quartz stringers				
45-53	Dark sediment with occasional quartz stringers.				
	End of Hole 53'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA

Koval-Ohman Option

Logged by J.C.S.

Hole No. D.D. E-52

3944.3 N.

Place Surface Location

4464.2 E.

Direction S 22 E

Date

Dip: 0' -30°

Elevation 4997.5

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33395	Green banded tuff	2-5	36"		nil
96	Ditto	5-8	36"		nil
97	Ditto	8-11	36"		nil
98	Ditto	11-14	36"		nil
99	Ditto	14-17	36"		nil
33400	Ditto	17-20	36"		nil
33117	Ditto. Pyrrhotite and chalcopyrite on fractures.	20-23½	36" (s/b42")		nil
33318	Dark sediment? tuff?	23½-25	18"		1.05
19	Ditto. Fair pyrrhotite. Some fracturing.	25-27	24"		nil
20	Ditto	31-33	24"		1.75
21	Silicified sediment.	33-35	24"		13.65
22	Ditto. Brown, less silicification.	35-37½	30"		6.65
23	Ditto, better fracturing and white quartz veining.	37½-40	30"		1.40
24	Dark sediment(?) little green banding	40-42½	30"		0.70
25	Ditto	42½-45	30"		0.70
26	Dark sediment.	45-47	30"		0.70
27	Ditto. White quartz veining. Little pyrrhotite.	47½-50	30"		nil
28	Ditto. White quartz veins.	50-53	36"		0.70
0-2	Casing				
2-23½	Tuff? Pale green and amphibolitic varieties with poor banding				
	3" Quartz carbonate rock fragment at 17'				
23½-33	Dark sediment? tuff? with green bands - little fracturing in blue quartz veining.				
33-45	Grey to brown and dark sediment - slightly silicified in first few feet. Occasional bluish quartz stringers. Little fracturing in white quartz veining at 37½-39'. Little pyrite.				
45-53	Dark sediment with occasional blue quartz stringers. 2" quartz at 49' and 52'.				
	End of hole 53'.				

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DIAMOND DRILL REPORT.

H.SAGA

Hole No. D.D. A-52..

Kovul-Chman Option.

Logged by J.C.S.

Place Surface....

Location ..

3944.3 N
4464.2 E
4997.5

Direction

S 22 E

Date

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33395	Green banded tuff.	2-5	36"		nil
96	Ditto.	5-8	36"		nil
97	Ditto.	8-11	36"		nil
98	Ditto.	11-14	36"		nil
99	Ditto.	14-17	36"		nil
33400	Ditto.	17-20	36"		nil
33117	Ditto. pyrrhotite and chalcopyrite on fractures.	20-23½	36"		nil
33318	Dark sediment? tuff?	23½-25	18"		1.05
19	Ditto. Fair pyrrhotite. Some fracturing.	25-27	24"		nil
20	Ditto.	31-33	24"		1.75
21	Silicified sediment.	33-35	24"		13.55
22	Ditto. Brown, less silicification.	35-37½	30"		6.65
23	Ditto, better fracturing and white quartz veining.	37½-40	30"		3.40
24	Dark sediment little green banding.	40-42½	30"		0.70
25	Ditto.	42½-45	30"		0.70
26	Dark sediment.	45-47½	30"		0.70
27	Ditto. White quartz veining. Little pyrrhotite.	47½-50	30"		nil
28	Ditto. White quartz veins.	50-53	36"		0.70
0 - 2	Casing				
2 - 23½	Tuff? Pale green and amphibolitic varieties with poor banding				
	3" quartz carbonate rock fragment at 17'				
23½ - 33	Dark sediment? tuff? with green bands - little fracturing in blue quartz veining.				
33 - 45	Grey to brown and dark sediment - slightly silicified in first few feet. Occasional bluish quartz stringers. Little fracturing in white quartz veining at 37½-39'. Little pyrite.				
45 - 53	Dark sediment with occasional blue quartz stringers. 2" quartz at 49' and 52'. End of hole 53'				

~~PEPPER CROWN GOLD MINES LTD.~~

DIAMOND DRILL REPORT,
HASAGA

Koval-Ohman Option

Hole No. D.D. **K-53**

3891 N.

Place **Surface** Location **4458 E** Direction **N 22 W** Date

Dip: 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-8	Casing.				
8-14	Green and dark banded sediment.				
14-22	Dark grey well banded sediment, slightly allitified.				
22-22½	Garnetiferous band.				
22½-26	Grey and brown to green and brown banded sediment.				
26-32	Grey to dark sediment with quartz stringers.				
32-36	Green and brown banded sediment.				
36-41	Dark with minor green banding.				
41-46	Tuff.				
46-55	Massive light green tuff.				
	End of Hole 55'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Kovel-Ohman Option

Logged by J.C.S.

Hole No. D.D. E-53 X-Ray

3890.7 N

Place Surface

Location

4458.3 E

Direction N 22° W

Date Sept. 17/54

Dip 0° -30°

Elev.

4998.2

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33338	Green and dark banded sediment.	8-10	24"		nil
39	Ditto	10-12½	30"		nil
40	Dark sediment	12½-15	30"		nil
41	Ditto	15-17½	30"		0.70
42	Ditto. Little pyrrhotite and bluish quartz stringers.	17½-20	30"		1.05
43	Ditto. With garnetiferous band.	20-22½	30"		nil
44	Grey to dark sediment.	22½-25	30"		0.35
45	Dark sediment with minor green bands. Little pyrrhotite and arsenopyrite.	25-28	36"		nil
46	Dark sediment, fractured white quartz stringers along core. Visible gold? very small.	28-28'6"	6"		0.35
47	Dark sediment, minor green bands, fractured with white quartz.	28'6-31	30"		2.80
48	Dark and green banded.	31-33½	30"		4.20
49	Green and brown to dark banded.	33½-36½	36"		1.40
57	Dark sediment?	36½-39	30"		0.35
58	Ditto	39-41½	30"		nil
59	Green and brown banded numerous quartz stringers.	41½-44	30"		0.35
0-8	Casing				
8-14	Green and dark banded sediment? Narrow well defined bands.				
14-21'9	Dark grey to dark well banded sediment. Slightly silicified from 15-16' Rust on fractures. Occasional narrow quartz stringers.				
21'9-22'6	Green and dark banded garnetiferous bed.				
22'6-25	Grey to brown banded sediment with occasional quartz stringers.				
25-26'3	Green and brown banded sediment?				
26'3-32	Grey to dark sediment with some fracturing and quartz stringers. 3" white quartz at 30'6. Visible Gold very small associated with quartz filled fractures at 28'3.				
32-36½	Green and brown banded sediment? Tuff?				
36½-41½	Dark sediment? with minor green banding. Quartz carbonate flecks and stringers around 37' - Flow top?				
41½-46	Green and brown to dark fairly well banded tuff? sediment?				
46-54'7	Fairly massive light green tuff.				
	End of hole 54'7".				

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. E-53.. X-ray

38° 10.7 N

Logged by J.C.S.

Place Surface... Location

4458.32

Direction N 22 W

Date Sept. 17/54

100' 0" - 30"

200'

1000'

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33338	Green and dark banded sediment.	8-10	24"		nil
39	Ditto	10-12½	30"		nil
40	Dark sediment.	12½-15	30"		nil
41	Ditto	15-17½	30"		0.70
42	Ditto. Little pyrrhotite and bluish quartz stringers.	17½-20	30"		1.05
43	Ditto, with garnetiferous band.	20-22½	30"		nil
44	Grey to dark sediment.	22½-25	30"		0.35
45	Dark sediment with minor green bands. Little pyrrhotite and arsenopyrite.	25-28	36"		nil
46	Dark sediment, fractured white quartz stringers along core. Visible Gold? very small.	28-28'6	6"		0.35
47	Dark sediment, minor green bands, fractured with white quartz.	28'6-31	30"		2.80
48	Dark and green banded.	31-33½	30"		4.20
49	Green and brown to dark banded.	33½-36½	36"		1.40
57	Dark sediment?	36½-39	30"		0.35
58	Ditto	39-41½	30"		nil
59	Green and brown banded numerous quartz stringers.	41½-44	30"		0.35
0 - 8	Casing.				
8 - 14	Green and dark banded sediment? Narrow well defined bands.				
14 - 21'9	Dark grey to dark well banded sediment. Slightly silicified from 15-16' Rust on fractures. Occasional narrow quartz stringers.				
21'9 - 22'6	Green and dark banded garnetiferous bed.				
22'6 - 25	Grey to brown banded sediment with occasional quartz stringers.				
25 - 26'3	Green and brown banded sediment?				
26'3 - 32	Grey to dark sediment with some fracturing and quartz stringers. 3" white quartz at 30'6. Visible Gold very small associated with quartz filled fractures at 28'3.				
32 - 36½	Green and brown banded sediment? Tuff?				
36½ - 41½	Dark sediment? with minor green banding. Quartz carbonate flecks and stringers around 37' - Flow top?				
41½ - 46	Green and brown to dark fairly well banded tuff? sediment?				
46 - 54'7	Fairly massive light green tuff.				
	End of hole 54'7"				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Hole No. D.D. E-54

Kovel-Ohman Option

3877 N

Place Surface Location

4435 E

Direction N 22° W

Date

Dip ; 0' -30°

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
0-10	Casing.				
10-43	Well banded sediment greiding from grey to dark in colour with few green bands. Some quartz stringers.				
43-51	Green tuff.				
	End of hole 51'.				

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DIAMOND DRILL REPORT.

HABAGA

Kov al-Shman Option

Hole No. D.D. .E-54..

3877 N.

Place .Surface.. Location ..4435.E.. Direction ..N, 22° W. Date

Dip: 0' N-30°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-43	Well banded sediment grading from grey to dark in color with few green bands. Some quartz stringers.				
43-51	Green tuff.				
	End of Hole 51'.				

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DIAMOND DRILL REPORT

HASAGA
Kovel-Ohman Option

Logged by J,C,S,

Hole No. D.D. E-54.....

3877.3 N

Place Surface Location..... Direction..... N 22° W Date.....

Dip 0' -30° Elev. 4999.6

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33363	Sediment	10-12½	30"		nil
64	Ditto	12½-15	30"		nil
65	Ditto	15-17½	30"		nil
66	Ditto	17½-20	30"		1.05
67	Ditto	20-22½	30"		5.25
68	Ditto	22½-25	30"		nil
69	Ditto	25-27½	30"		0.70
70	Ditto	27½-30	30"		nil
71	Ditto	30-32½	30"		nil
72	Ditto	32½-35	30"		1.75
73	Ditto	35-37½	30"		10.15
74	Ditto	37½-40	30"		0.35
75	Ditto	40-43	36"		0.70
76	Tuff.	43-45	24"		nil
0-10	Casing				
10-43	Well banded sediment with grey, dark and green bands. Occasional blue quartz stringers and little pyrite in places. 36-37 Slightly silicified.				
43-51	39-42 Rather massive. poorly banded rock - flows? Green tuff.				
	End of hole 51".				

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DIAMOND DRILL REPORT.

H/8266A

Kovai-Ohman Option

Hole No. D.D. E-54

Logged by J.C.S. 1

Place Surface Location ^{3572.30'} _{4133.11'} Direction ^{N 22 W} Date
 6' - 30' Inv 4999.6

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33363	Sediment	10-12½	30"		nil
64	Ditto	12½-15	30"		nil
65	Ditto	15-17½	30"		nil
66	Ditto	17½-20	30"		1.05
67	Ditto	20-22½	30"		5.25
68	Ditto	22½-25	30"		nil
69	Ditto	25-27½	30"		0.70
70	Ditto	27½-30	30"		nil
71	Ditto	30-32½	30"		nil
72	Ditto	32½-35	30"		1.75
73	Ditto	35-37½	30"		20.15
74	Ditto	37½-40	30"		0.35
75	Ditto	40-43	36"		0.70
76	Tuff.	43-45	24"		nil
0 - 10	Casing.				
10 - 43	Well banded sediment with grey, dark and green bands. Occasional blue quartz stringers and little pyrite in places.				
	36-37 Slightly silicified.				
	39-42 Rather massive. poorly banded rock - flows?				
43 - 51	Green tuff.				
	End of hole 51'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Hole No. D.D. E-55

Kovel-Ohman Option

3866 N.

Place Surface Location 4413 E. Direction N 22° W Date

Dip 0'-30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-44	Sediments, grey to dark with minor green banding. Cut by quartz stringers from 23' to 34'. End of hole 44'.				

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. E-55

3866 N.

Place Surface

Location

4413 E.

Direction

N 22 W

Date

Dip: 0° -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-44	Sediments, grey to dark with minor green banding. Cut by quartz stringers from 23' to 34'. End of Hole 44'.				

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DIAMOND DRILL REPORT

HASAGA

Hole No. D.D. E-55

Koval-Ohman Option

Logged by J.C.S.

Place Surface Location 3866.3 N. 4412.7 E. Direction N 22° W Date
 Dip 0' -30° Elev. 4998.6

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33377	Dark sediment	10-12½	30"		nil
82	Green bands more prominent.	12½-15	30"		nil
83	Ditto	15-17½	30"		nil
84	Ditto	17½-20	30"		nil
85	Ditto	20-22½	30"		nil
86	Darker sediment and brown silicified band.	22½-25	30"		1.05
87	Dark sediment with green bands.	25-27½	30"		nil
88	Ditto	27½-30	30"		nil
89	Ditto. Bluish quartz stringers and little pyrrhotite.	30-32½	30"		nil
90	Ditto	32½-35	30"		nil
91	Ditto	35-37½	30"		0.70
92	Ditto	37½-40	30"		3.50
93	Ditto	40-42½	30"		8.75
94	Ditto, Tuff?	42½-44½	24"		nil
0-10	Casing				
10-44½	Sediments, mainly dark to grey and green banded with occasional quartz stringers. Little pyrrhotite in sections. 10-11 Dark sediment with bluish quartz stringers. 23-23½ Brown silicified sediment with blue quartz stringers and pyrrhotite. 23½-34 Dark sediment with bluish quartz stringers. 43½-44½ Tuff? End of hole 44½.				

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DIAMOND DRILL REPORT.

ILAS.G.A.

Koval-Ohman Option

Hole No. D.D. ... 3-55

Logged by J.C.S.

Place Surface Location Direction Date

11' 0" - 30' 44' 18.6

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33377	Dark sediment.	10-12½	30"		nil
82	Green bands more prominent.	12½-15	30"		nil
83	Ditto	15-17½	30"		nil
84	Ditto	17½-20	30"		nil
85	Ditto	20-22½	30"		nil
86	Darker sediment and brown silicified band.	22½-25	30"		1.05
87	Dark sediment with green bands.	25-27½	30"		nil
88	Ditto	27½-30	30"		nil
89	Ditto. Bluish quartz stringers and little pyrrhotite.	30-32½	30"		nil
90	Ditto	32½-35	30"		nil
91	Ditto	35-37½	30"		0.70
92	Ditto	37½-40	30"		3.50
93	Ditto	40-42½	30"		8.75
94	Ditto, Tuff?	42½-44½	24"		nil
0 - 10	Casing				
10 - 44½	Sediments, mainly dark to grey and green banded with occasional quartz stringers. Little pyrrhotite in sections. 10-11 Dark sediment with bluish quartz stringers. 23-23½ Brown silicified sediment, with blue quartz stringers and pyrite. pyrrhotite. 23½-34 Dark sediment with bluish quartz stringers. 43½-44½ Tuff?				
	End of hole 44½'				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
 HASAGA
 Koval-Ohman Option

Hole No. D.D. E-56.....

4443 N.

Place..... Surface..... Location. 6267 E..... Direction N 22° W Date.....

Dip; -30°

Sample No.	Description	Footage	Width	ASSAY	
				Oz.	Value
0-7	Casing.				
7-24	Dark to grey slightly sheared sediments with little fracturing.				
24-25½	Rhyolite.				
25½-29	Dark sheared sediment with narrow quartz stringers.				
29-39½	Silicified grey sediment.				
39½-40	Ground.				
40-42½	Dark green tuff.				
42½-60	Dark and green banded tuff with scattered garnets.				
	End of hole 60'				

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DIAMOND DRILL REPORT.

MASAGA

Koval-Ohman Option

Hole No. D.D. N-331.

Place Surface... Location 4442.N. Direction N. 33° W., Date

Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-7	Casing.				
7-24	Dark to grey slightly sheared sediments with little fracturing.				
24-25½	Rhyolite.				
25½-29	Dark sheared sediment with narrow quartz stringers.				
29-39½	Silicified grey sediment.				
39½-40	Ground				
40-42½	Dark green tuff.				
42½-60	Dark and green banded tuff with scattered garnets.				
End of Hole 60'.					

KROONCROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. K-56...

Place Surface... Location *6267.2 E* Direction *N 22° W* Date

Dip: -30° 42 338° *Elev 5003.7*

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33402	Dark to grey sediment.	7-10	36"		nil
03	Grey sediment some cherty sections Little fracturing and pyrrhotite.	10-12½	30"		nil
04	Darker - little pyrrhotite	12½-15	30"		nil
05	Darker sediment with fair arsenopyrite mineralization.	15-17½	30"		nil
06	Grey silicified sediment.	17½-20	30"		nil
07	Ditto	20-22	24"		nil
08	Ditto Little darker. Little pyrrhotite	22-24	24"		nil
09	Rhyolite? Quartz veining and pyrrhotite.	24-25½	18"		nil
10	Dark sediment.	25½-28	30"		nil
11	Dark to grey sediment. Very siliceous	29-29½	24"		5.60
12	Dark grey slightly silicified sediment. Little fine pyrrhotite and arsenopyrite?	30-32½	30"		nil
13	Ditto	32½-35	30"		nil
14	Ditto - lighter in color	35-37½	30"		0.70
15	Ditto	37½-39½	24"		9.80
16	Very dark green fractured with quartz stringers and speck arsenopyrite. Some pyrrhotite.	40-42½	30"		2.45
17-	Dark grey with few narrow dark green bands. Little very fine arsenopyrite.	42½-45	30"		2.45
18	Ditto - little pyrrhotite. Pyrite on fractures - siliceous sections.	45-47½	30"		nil
19	Ditto with narrow dyke,	47½-50	30"		nil
20	Darker with siliceous sections and pyrite on fractures.	50-52½	30"		0.35
21	Ditto.	52½-55	30"		nil
22	Less silicification.	55-57½	30"		nil
23	Better fracturing and siliceous bands.	57½-60	30"		nil
0-7	Casing.				
7-8	Dark sediment with narrow carbonate stringers on shear planes.				
8-24	Dark to grey slightly sheared sediment. Some fracturing and narrow quartz stringers. Some short cherty sections and some silicification. Little pyrrhotite and fair arsenopyrite 15'-18'.				
24-25½	Grey fine grained siliceous rhyolite? Fractured with white quartz veining and some pyrrhotite mineralization.				
25½-29	Dark sheared sediment with carbonate and narrow quartz stringers.				
29-39½	Silicified grey sediment with occasional cherty band. Few narrow quartz stringers. Little fine mineral-mainly pyrrhotite.				
	39½-40 Ground.				

DIAMOND DRILL REPORT.
HASAJA
Koval-Ohman Option

Page 2.

Hole No. D.D. #456..

Place .Surface.. Location Direction Date

Sample	Description	Footage	Width	ASSAY	
				Oz.	Value
40-42 $\frac{1}{2}$	Very dark green fractured sediment?				
	Tuff? with many quartz stringers. Little pyrrhotite.				Few Garnets
42 $\frac{1}{2}$ -60	Grey to dark and green narrowly banded sediment? tuff? with some fracturing and narrow quartz stringer. Some siliceous bands.				with some
	Rhyolite? or quartzite? Little pyrrhotite.				
48 $\frac{1}{2}$ -49	Dyke.				
	End of Hole 60'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA
Koval-Ohman Option

Hole No. D.D. E-57.....

4449 N.

Place..... Surface..... Location..... 6292 E..... Direction, N 22° W..... Date.....

Dip; -30°

Sample No.	Description	Footage	Width	Assay	
				Qz.	Value
0-10	Casing				
10-11	Fine grained siliceous sediment.				
11-13½	Dioritic Dyke.				
13½-24	Grey, poorly banded sediment cut by irregular quartz stringers				
24-26	60% quartz veining.				
26-29	Silicified grey sediment.				
29-36½	Dioritic dyke.				
36½-37½	Brown sediment with quartz stringers.				
37½-43	Grey silicified sediment.				
43-56	Dark well fractured sediment with numerous quartz stringers.				
56-69	Dyke.				
69-70	Dark sediment.				
70-71	Dyke.				
	End of hole 71'.				

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DIAMOND DRILL REPORT.

HASAGA

Koval-Chman Option

Hole No. D.D. 4-57...

4449 N.

Place Surface.. Location 6222 E... Direction N 22° W.. Date

Dip: -30°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-10	Casing.				
10-11	Fine grained siliceous sediment				
11-13½	Dioritic dyke.				
13½-24	Grey, poorly banded sediment cut by irregular quartz stringers				
24-26	60% quartz veining.				
26-29	Silicified grey sediment.				
29-36½	Dioritic dyke				
36½-37½	Brown sediment with quartz stringers.				
37½-43	Grey silicified sediment.				
43-56	Dark well fractured sediment with numerous quartz stringers.				
56-69	Dyke				
69-70	Dark sediment.				
70-71	Dyke.				

End of Hole 71'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA
Kovel-Ohman Option

Hole No. D.D. E-58 4449 N
 Surface Location. 6345 E Direction N 22° W Date
 Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3	Casing				
3-20	Brown and green banded tuff, sheared and fractured.				
20-22½	Rhyolite.				
22½-23½	Dark sheared sediment.				
23½-29	Rhyolite.				
29-59½	Grey to dark sediments cut by narrow quartz stringers.				
59½-70	Rhyolite.				
70-74'8"	Silicified grey sediment.				
74'8"-76	Dark normal sediments.				
	End of hole 76'				

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DIAMOND DRILL REPORT.

HA SAGA

Koval-Ohman Option

Hole No. D.D. 34-58

4449 N

Place Surface... Location 6345 E... Direction N 22° W... Date

Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3	Casing.				
3-20	Brown and green banded tuff, sheared and fractured.				
20-22½	Rhyolite				
22½-23½	Dark sheared sediment.				
23½-29	Rhyolite				
29-59½	Grey to dark sediments cut by narrow quartz stringers.				
59½-70	Rhyolite				
70-74'8"	Silicified grey sediment.				
74'8"-76	Dark normal sediments.				
	End of Hole 76'.				

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Page. 2.

DIAMOND DRILL REPORT.

HASAGA

Koval-Onman Option

Hole No. D.D. E-58...

Place Surface... Location Direction Date

Dip:

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3	Casing.				
3-19'9"	Brown and green lenticular banded sediment, sheared, fractured and intruded by white quartz stringers. 12½-13½ - Well fractured with white quartz. 16½ and 17½ - White quartz veins. Last 3 feet brown to grey more evenly banded.				
19'9"-22'6"	Light colored fractured rhyolite with white quartz veins. Weathered appearance along fractures in quartz. First few inches fractured sheared sediment, then 8 inches broken rusty quartz; 10 inches light colored rhyolite with pyrrhotite. Remainder blue grey porphyritic rhyolite.				
22½-23½	Dark sheared sediment.				
23½-29	Rhyolite. 23½-25 - Light siliceous with quartz stringers. 25-27½ - Blue grey porphyritic. Some pyrite on fractures. 27½-29 - Light siliceous, fractured with white quartz stringers. Little pyrrhotite.				
29-59½	Grey to brown generally dark sediments, slightly silicified with bluish quartz stringers. Some fracturing with white quartz veining. Pyrrhotite and arsenopyrite mineralization with best section from 35' - 42' Arsenopyrite coarser in last 3 feet of this section. 29'3", 34'-35', 38', and 39' - white quartz veining. 58½ - Quartz veining and good pyrrhotite mineralization.				
59½-70	Rhyolite - Grey brown in color, porphyritic in sections, fairly well mineralized with fine pyrite. Some small quartz stringers in fractures. Last contact (North) fractured with white quartz veining, Mineralized with pyrite, pyrrhotite and coarse arsenopyrite. Arsenopyrite in Quartz. Last 2 feet of rhyolite very light in color - silicified.				
70-71'3"	Fractured-silicified sediment.				
71'3"-74'8"	Grey silicified sediment, fractured. 73½-74 - Dyke and white quartz, arsenopyrite on contacts.				
74'8"-75'8"	Dark Sediment.				

End of Hole 75'8".

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HA3AGA

Kovel-Ohman Option

Hole No. D.D. E-59

Place Surface Location 4473 N 6370 E Direction N 22° W Date
 Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-2½	Casing.				
2½-5'3"	Dark tuff.				
5'3"-8'3"	Rhyolite.				
8'3"-14	Dark silicified sediment, with quartz stringers				
14-16	Garnetiferous band.				
16-28½	Dark well fractured sediment.				
28½-45	Dark grey sediment with numerous quartz stringers.				
45-57	Sheared rhyolite.				
57-62½	Light to dark silicified sediment.				
62½-67½	Rhyolite.				
67½-69½	Silicified sediment.				
69½-72½	Rhyolite.				
72½-84	Silicified sediment.				
	End of hole 84'				

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YAMAGUCHI GOLD MINES LTD.

DEPARTMENTAL REPORT,

HASAGA

Koyal/Chaman Option

Hole No. D.D. 4473

Place Surf. Location 4473 E. Direction N 22° W Date

Dip : -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-3 1/2	Casing.				
2 1/2-5'3"	Dark tuff.				
5'3"-8'3"	Rhyolite				
8'3"-14	Dark silicified sediment, with quartz stringers.				
14-16	Garnetiferous band.				
16-28 1/2	Dark well fractured sediment.				
28 1/2-45	Dark grey sediment with numerous quartz stringers.				
45-57	Sheared rhyolite				
57-62 1/2	Light to dark silicified sediment.				
62 1/2-67 1/2	Rhyolite.				
67 1/2-69 1/2	Silicified sediment.				
69 1/2-72 1/2	Rhyolite.				
72 1/2-84	Silicified sediment.				
	End of Hole 84'.				

~~SECRET~~ ~~CONFIDENTIAL~~ ~~TOP SECRET~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Core No. D.D. E-59.....

Place Surface... Location *637.94* Direction *N 21° W* Date

Dip: -30° A2338 Elev *50028*

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33499	Dark Sed'ment	2½-5'3"	33"		nil
33500	Light colored fairly well mineralized rhyolite.	5'3"-7	21"		nil
01	Darker porphyritic rhyolite.	7'-8'3"	15"		nil
02	Siliceous dark grey sediment slight fracturing. Little pyrrhotite.	8'3"-10'6"	27"		nil
03	Dark "lenticular banded" sediment? Slight fracturing.	10½ -12½	24"		1.40
04	Finer grained grey silicified sediment.	12½-14	18"		nil
05	Garnetiferous band.	14-16	24"		0.35
06	Finer grey silicified sediment.	16-18	24"		1.05
07	Well fractured with white quartz and coarse arsenopyrite.	18-20	24"		1.05
08	Ditto - intruded by rhyolite.	20-22½	30"		2.10
09	Well fractured sediment white quartz veining.	22½-25	30"		5.25
10	Fractured dark sediment with quartz (white)	25-26½	18"		1.05
11	White quartz veining. Considerable pyrite and pyrrhotite.	26½-28½	24"		nil
12	Dark grey fractured sediment, White quartz. Fair pyrrhotite and coarse arsenopyrite.	28½-30	18"		nil
13	Silicified grey sediment. Some pyrrhotite.	30-32½	30"		nil
14	Ditto - white quartz veining.	32½-35	30"		nil
15	Ditto - rhyolite? - fine arsenopyrite and pyrrhotite.	35-37½	30"		nil
16	Better fracturing and mineralization	37½-40	30"		nil
17	Ditto - more white quartz.	40-42½	30"		nil
18	Ditto	42½-45	30"		nil
19	Rhyolite? sheared, dark sparse mineralization.	45-47½	30"		nil
20	Ditto	47½-50	30"		nil
21	Ditto	50-52½	30"		nil
22	Ditto	52½-55	30"		nil
23	Ditto	55-57	24"		0.35
24	Well fractured with white quartz veining and fair pyrrhotite.	57-59½	30"		2.80
25	Light to dark silicified sediment.	59½-61	18"		nil
26	Fracturing, quartz veining fair mineralization.	61-62½	18"		0.70
27	Dark rhyolite? Little fine mineralization.	62½-65	30"		nil
28	Ditto	65-67½	30"		nil
29	Ditto - better mineralization.	67½-70	30"		4.90
30	Grey rhyolite fine mineralization	70-72½	33"		4.20

~~BUCKLE UP OR YOU WILL BE BROKEN~~

DIAMOND DRILL REPORT.
HASAGA
Koval-Ohman Option

Page 2.

Hole No. D.D. A-49...

Surface... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33531	Silicified sediment? rhyolite? fair mineralization.				
32	Ditto	72 $\frac{1}{2}$ -75	27"		nil
33	Ditto	75-77 $\frac{1}{2}$	30"		nil
34	Ditto	77 $\frac{1}{2}$ -80	30"		nil
		80-83 $\frac{1}{2}$	42"		1.40
0-2 $\frac{1}{2}$	Casing.				
2 $\frac{1}{2}$ -5'3"	Dark lenticular banded sediment?				
5'3"-8'3"	Porphyritic rhyolite - first part light colored - fractured with white quartz stringers - pyrrhotite min- eralization.				
8'3"-14	Dark silicified sediment, fractured, bluish quartz stringers, little pyrrhotite.				
14-16	Dark garnetiferous band.				
16-28 $\frac{1}{2}$	Dark well fractured sediment, pyrrhotite and arsenopyrite mineralization associated with fracturing. Leached 17'-18'.				
	21 - 23 Intruded by dark rhyolite.				
	25 $\frac{1}{2}$ - 28 Intensely fractured with considerable white quartz veining. Heavy pyrite and fair pyrrhotite 26 $\frac{1}{2}$ -28.				
28 $\frac{1}{2}$ -45	Dark grey sediment, fractured with blue quartz stringers and white quartz veins.				
	36-36 $\frac{1}{2}$ - Rhyolite?				
	33' and 42 $\frac{1}{2}$ ' - 3" white quartz.				
45-57	Dark grey sediment? sheared rhyolite? Scattered pyrrhotite, little fracturing. Last 2 feet lighter - more similar to rhyolite.				
	49'9" - 50'6" - Dyke.				
57-62 $\frac{1}{2}$	Light greenish to dark silicified sediment fractured -- fairly well mineralized. White quartz veining.				
62 $\frac{1}{2}$ -67 $\frac{1}{2}$	Dark rhyolite? silicified sediment? Very little mineralization.				
67 $\frac{1}{2}$ -69 $\frac{1}{2}$	Dark altered silicified sediment. Some fracturing and little pyrrhotite.				
69 $\frac{1}{2}$ -72 $\frac{1}{2}$	Grey rhyolite. Lightly fractured and mineralized.				
72 $\frac{1}{2}$ -83'8"	Grey silicified sediment? Rhyolite? fractured with white quartz veining and fair mineralization, mainly pyrrhotite, in places.				

End of Hole 83'8".

~~REGULAR GOLD MINING LTD.~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Page 2.

Hole No, D.D. X-60..

Place ~~Surf. App.~~... Location Direction Date

DIP - 45°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
38-61	Dark silicified sediment	118-121	85"		nil
0-5	Casing.				
5-20½	Greenish tuff. Slightly banded Amphibolitic in sections. Little pyrite.				
20½-29	Dark grey sediment well banded in sections. Minor green bands.				
29-33½	Green and brown banded sediment? tuff? Quartz and carbonate stringers and amygdules?				
33½-38	Grey to brown sediment.. Core badly broken, some fracturing with blue quartz vein 37'. 3" white quartz veining with pyrite. 37-38 Cherty band.				
38-49	Grey to brown sediments, slightly silicified at 43'. Little pyrrhotite. Little fracturing with bluish quartz stringers.				
49-60	Brown to dark sediments. Minor green bands. Bluish quartz stringers. 59'9" - ½" bluish quartz stringer. Good pyrite mineralization.				
60-66	Dark sediment. Occasional quartz stringers. (Slaty)				
66-92	Generally dark sediment, some grey sections. Narrow grey to green bands prominent to 85 feet.				
	72½-75 - little fracturing with quartz stringers and pyrite.				
	87-88 - Dyke, quartz diorite.				
92-102	Grey, fairly well silicified sediment with fair to good pyrite mineralization. Little fracturing and narrow bluish quartz stringers				
102-104	Grey silicified grading to slaty sediment.				
104-106	Slaty, fractured zone with quartz veining good pyrrhotite little pyrite.				
106-118½	Slate. Well banded, little pyrrhotite.				
	117½-118 Dyke.				
118½-121	Dark medium grained siliceous sediment. Quartzite.				

End of Hole 121'.

~~RECORD OF GOLD MINES~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Page 2.

Hole No. D.D. .A-60.

Place SURFAS... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33401	Dark silicified sediment.	118-121	36"		nil
0-5	Casing.				
5-20½	Greenish tuff. Slightly banded Amphibolitic in sections. Little pyrite.				Little
20½-29	Dark grey sediment well banded in sections. Minor green bands.				
29-33½	Green and brown banded sediment? tuff? Quartz and carbonate stringers and amygdulæ?				
33½-38	Grey to brown sediment. Core badly broken, some fracturing with blue quartz vein 37'. 3" white quartz veining with pyrite. 37-38 Cherty band.				
38-49	Grey to brown sediments, slightly silicified at 43'. Little pyrrhotite. Little fracturing with bluish quartz stringers.				
49-60	Brown to dark sediments. Minor green bands. Bluish quartz stringers. 59'9" - ½" bluish quartz stringer. Good pyrite mineralization.				
60-66	Dark sediment. Occasional quartz stringers. (Slaty)				
66-92	Generally dark sediment, some grey sections. Narrow grey to green bands prominent to 85 feet.				
92-102	72½-75 - Little fracturing with quartz stringers and pyrite. 87-88 - Dyke, quartz diorite.				
102-104	Grey, fairly well silicified sediment with fair to good pyrite mineralization. Little fracturing and narrow bluish quartz stringers.				
104-106	Grey silicified grading to slaty sediment.				
106-118½	Slaty, fractured zone with quartz veining good pyrrhotite little pyrite.				little
117½-118	Slate. Well banded, little pyrrhotite.				
118½-121	117½-118 Dyke. Dark medium grained siliceous sediment. Quartzite.				

End of Hole 121'.

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Kovel-Ohman Option

Hole No. D.D. E-61.....

4471 N

Place Surface.....

6371 E

Location.....

Direction N 22° W

Date.....

Dip: -55°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-2	Casing.				
2-8½	Grey silicified sediment.				
8½-12	Rhyolite.				
12-25	Rhyolite.				
25-43	Dark sediment silicified and well fractured with numerous quartz stringers.				
43-45½	Brown sediment with numerous quartz stringers.				
45½-56½	Dark grey sediment finely banded.				
56½-63½	Grey silicified sediment.				
63½-65	Dyke.				
65-71	Slightly fractured rhyolite.				
71-74	Grey silicified sediment.				
74-77	Rhyolite.				
77-94	Highly altered grey sediment.				
94-96	Rhyolite.				
96-105	Dark altered sediment with quartz stringers.				
	End of hole 105'				

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BECHTEL-GOLD MINES LTD.

DIAMOND DRILL REPORT,

HA SABA

Koval-Ohmaz Option

Hole No. D.D. 5761.

4471 N

Place ~~Surf 199~~ Location 6371 E Direction N 22° W Date

Dip: -55°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-2	Casing.				
2-8½	Grey silicified sediment.				
8½-12	Rhyolite.				
12-25	Rhyolite.				
25-43	Dark sediment silicified and well fractured with numerous quartz stringers.				
43-45½	Brown sediment with numerous quartz stringers.				
45½-56½	Dark grey sediment finely banded.				
56½-63½	Grey silicified sediment.				
63½ 65	Dyke				
65-71	Slightly fractured rhyolite.				
71-74	Grey silicified sediment.				
74-77	XXXXXXXXXXXXXXXXXXXX Rhyolite.				
77-94	Highly altered grey sediment.				
94-96	Rhyolite.				
96-105	Dark altered sediment with quartz stringers.				
End of Hole 105'.					

~~REGINA CROWN GOLD MINES LTD.~~

DIAMOND DRILL REPORT.

Kovalinash Option

Hole No. D.D. A-61..

Place Surfaces... Location ^{1471.3N} 6370.6E Direction ^{N22W} Date

Dip: -55° A2338

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33536	Dark silicified sediment	2-5	36"		1.75
37	Ditto	5-7½	30"		nil
38	Fractured sediment and rhyolite with quartz veining.	7½-9	18"		nil
39	Rhyolite - little pyrrhotite.	9-12	36"		nil
40	Dark slightly silicified sediment.	12-15	36"		nil
41	Ditto - fairly fine grained	15-17½	36"		nil
42	Ditto coarser, garnetiferous little pyrrhotite.	17½-20	30"		nil
43	Ditto, some garnets better silicification	20-22½	30"		0.70
44	Grey finer grained	22½-25	30"		nil
58	Fractured dark grey sediment intruded by rhyolite?	25-27½	30"		0.35
59	Dark contorted sediment with quartz stringers.	27½-30	30"		nil
60	Ditto - fair pyrrhotite.	30-32½	30"		1.05
61	Ditto - well mineralized.	32½-35	30"		0.35
62	Fair to good mineralization.	35-37½	30"		nil
63	Fair pyrrhotite.	37½-40	30"		nil
64	Grey silicified sediment little pyrrhotite and arsenopyrite.	40-42'10"	34"		nil
65	Rhyolite.	42'10"-45½	32"		nil
66	Dark grey sediment.	45½-47½	24"		nil
67	Ditto	47½-50	30"		nil
69	Dark fractured sediment.	50-52½	30"		nil
80	Ditto	52½-55	30"		nil
81	Finer grey sediment. Little pyrrhotite.	55-57½	30"		nil
82	Ditto, little better fracturing.	57½-60	30"		nil
83	Ditto, rhyolitic.	60-63½	42"		0.70
84	Rhyolite fine pyrite and pyrrhotite.	65-67½	30"		2.10
85	Ditto	67½-70	30"		1.05
86	Rhyolite, quartz veining and altered sediment. Little pyrrhotite.	70-72'2"	26"		3.50
87	Sediment, quartz veining and green rhyolite fair mineralization.	73-75	24"		1.75
33603	Greenish rhyolite? with quartz veining and fair mineralization.	75-77	24"		1.40
04	Dark grey altered sediment.	77-79'8"	32"		nil
05	Rhyolite fractured with quartz stringers.	79'8"-81	16"		nil
06	Ditto less fracturing	81-82½	18"		nil
07	Breccia zone fairly well mineralized.	82½-85	30"		nil
08	Ditto	85-86½	18"		nil
09	Dark altered sediment, Little fracturing.	86½-89	30"		nil

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Kovel-Ohman Option

Hole No. D.D. E-66

4984 N

7719 E

N22° W

Place Surface Location Direction Date

Dip : at 0' -50°; at 200' -44°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-8	Casing.				
8-14	Brown and green banded tuff.				
14-16	Grey well banded siliceous sediment.				
16-24	Brown and green banded tuff.				
24-67½	Grey to brown well banded sediment.				
67½-126½	Dark, coarse, poorly banded sediment.				
126½-128	Fault zone.				
128-150	Dark sediment with greenish bands becoming prominent.				
150-170	Fine grained dyke.				
170-192	Green and brown tuff.				
192-213	Grey sediment with some dark slaty sections.				
213-247	Well fractured rhyolite.				
247-251	Dyke.				
251-256½	Altered dark grey sediment.				
256½-259½	Rhyolite.				
259½-281	Altered and silicified sediment.				
	End of hole 281'				

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DIAMOND DRILL REPORT.
 HASAGA
 Koval-Chman Option

Hole No. D.D. P-66...

4924 N

Place ~~Surface~~... Location 7719... Direction N 22 W... Date Nov. 1954.

Dip: at 0' -30°; at 200' -44°

Sample No.	Description	Footage	Width	ASSAY	
				Oz.	Value
0-8	Casing.				
8-14	Brown and green banded tuff.				
14-16	Grey well banded siliceous sediment.				
16-24	Brown and green banded tuff				
24-67½	Grey to brown well banded sediment.				
67½-126½	Dark, coarse, poorly banded sediment.				
126½-128	Fault zone.				
128-150	Dark sediment with greenish bands becoming prominent.				
150-170	Fine grained dyke.				
170-192	Green and brown tuff.				
192-213	Grey sediment with some dark slaty sections.				
213-247	Well fractured rhyolite.				
247-251	Dyke.				
251-256½	Altered dark grey sedi ment.				
256½-259½	Rhyolite.				
259½-281	Altered and silicified sediment.				
End of Hole 281'.					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Uhman Option

Hole No. D.D. E-66..

N.4983.76

Place Location E.7718.76.. Direction ~~87E~~ N22W. Date 7/18/1951

200' - 44°

Elev.4991.30

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33860	Well banded sed. with little pyr. & arseno 2" blue ptz. with massive pry.	193½-195	18"	Nil	
61	Fine grained rhy little fracturing & min.	213-215	24"	Nil	2.45
62	Ditto	215-217½	30"		5.25
63	Ditto	217½-220	30"		2.10
64	Ditto	220-222	24"		1.40
65	Ditto	222-224	24"		2.80
66	Ditto	224-226	24"		1.05
67	Rhy. fractured little min.	227½-230	30"		1.75
68	Ditto	230-232½	30"		8.75
69	Ditto	232½-235	30"		2.45
70	Ditto	235-237½	30"		3.15
71	Ditto	237½-240	30"		2.45
72	Ditto	240-242½	30"		1.40
73	Considerably darker	242½-245	30"		1.40
74	Ditto	245-247	24"	Nil	
75	Rhyolite fractured little pyr.	256½-258	18"	1.40	
76	Ditto	258-259½	18"	Nil	
77	Dark sed. fair pyrr, pyr. & arseno	261½-262½	12"	"	
78	Dark "Rolled rhy" little pyr.	271-273½	30"	0.70	
79	Ditto	273½-276	30"	1.05	
0 - 8	Casing				
8 - 12	Blue grey to brownish sed. with minor green bands				
12-- 14	Brown & green banded with numerour garnets				
14 - 16	Grey well banded silicious sed. with slight fracturing				
16 - 24	Brown & green banded slightly silicified				
24 - 67½	Grey to brownish well banded sed. Some silicification and slight fracturing some pyrite on fractures.				
67½-126½	Generally dark sed. coarse in appearance & less well banded. Little fracturing with qtz. str. little pyr on fractures. Many sections badly broken core from 100-120. Some slickensides.				
97 - 97½	Dyke				
100 - 101	Lighter grey green tuff sed.				
101 - 104	Fractured with qtz. str.				
102½- 103	Ground				
104 - 105	Ground				
108 - 109	Ground				
117 - 119½	Dyke dark medium grained				
126½-128	Fine seams of red hematite & pyrite between 95 and 100 Fragmental band with angular silicious fragments from fine to coarse little pyrite				
128-150	Similar to previous dark sed. at start but grading to green & dark to dark blue grey and green. Apparently silicified 144-145 ground. Banding more regular after 147 feet.				
150-170	Grey fine grained silicious dyke.				
170-192	Green & brown lenticular banded last 3 feet brown sed.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT,

HASAGA

Koval-Ohman Option

Hole No. D.D. E-66 cont.

Place Location Direction Date

Sample	Description	Footage	Width	Assay
				Oz. Value
192-213	Grey generally well banded sed. with some slaty section. Little fracturing with pyr. & pyrr miner. Little shearing at 210' 2" blue qtz vein at 194' fractured and min. with massive pyr.			
213-242½	Fine grained light colored rhyolite becoming fairly well fracturing and silicified after 214' with numerous small white qtz. str. Sparse, very fine pyrite and possibly little arseno.			
226-227½	- Dyke			
242½-247	Darker rhy - highly altered sed. with fine pyrite and fair fracturing			
247-251	Dyke			
251-256½	Altered dark grey sed. with considerable white qtz. veining from 253½-256 little pyr. & pyrr. min.			
256½-259½	Fractured rhyolite with narrow white qtz. str. & little pyr.			
259½-271	Very dark grey silicified sed. with little fracturing with some short sections fairly well min. with pyrr, pyr & massive arseno.			
271-276	Dark "rolled rhyolite" with little pyr.			
276-281	Dark grey sil. sed. with narrow qtz str.			

281 end of hole

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT
HASAGA

Hole No. D.D. E-70 Kovel-ohman Option
 Place Surface Location 4847 N Direction N 22° W Date
 7662 E
 Dip: at 0' -65°; at 200' -60°; at 420' -55°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing				
12-16	Massive tuff				
16-21	Greenstone				
21-47	Carbonatized fractured tuff.				
47-77	Tuff.				
77-80	Slaty sediment.				
80-91	Tuff.				
91-95	Brown sediment.				
95-119½	Green and brown banded tuff.				
119½-122½	Rhyolite.				
122½-144	Poorly banded sediment.				
144-146½	Greenstone.				
146½-175	Green and brown tuff.				
175-184	Slaty sediment.				
184-191	Green and brown tuff.				
191-250	Green and grey banded to grey silicified sediment.				
250-350	Green and brown tuff?				
350-370	Brown poorly banded sediment.				
370-381	Dark slaty to light cherty sediments.				
381-440	Well fractured rhyolite.				
440-464	Altered and silicified grey sediments.				
	End of hole 464'.				

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PICKLE CREEK GOLD MINE, COLO., X

DIAMOND DRILL REPORT,

4847 N
Royal-Chaman Option

Hole No. D.D. ..3779.

Place ..Surf 4847 N.. Location ...7662 E. Direction ..N. 22° W. Date

Dip: at 0' - 65°; at 200' - 60°; at 420' - 55°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-12	Casing.				
12-16	Massive tuff.				
16-21	Greenstone.				
21-47	Carbonatized fractured tuff.				
47-77	Tuff.				
77-80	Slaty sediment.				
80-91	Tuff.				
91-95	Brown sediment.				
95-119 1/2	Green and brown banded tuff.				
119 1/2-122 1/2	Rhyolite.				
122 1/2-144	Poorly banded sediment.				
144-146 1/2	Greenstone.				
146 1/2-175	Green and brown tuff.				
175-184	Slaty sediment.				
184-191	Green and brown tuff.				
191-250	Green and gray banded w grey silicified sediment.				
250-350	Green and brown tuff?				
350-370	Brown poorly banded sediment.				
370-381	Dark slaty to light cherty sediments.				
381-440	Well fractured rhyolite.				
440-464	Altered and silicified grey sediment.				
End of Hole 464'.					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASGA

Kovel-Ohman Option

Hole No. D.D. E-67

5017 N.

Place Surface Location 7812 E. Direction N 22° W Date

Dip 0' -50°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-14	Casing				
14-28	Green and dark tuff.				
28-95	Dark well banded sediment.				
95-104	Green and brown tuff.				
104-128	Well banded grey sediment.				
128-185	Dark grey sediment, slightly sheared.				
185-225	Green and grey slightly silicified tuff?				
225-240	Slaty sediments.				
240-273	Dark grey sediment with slaty sections.				
273-275½	Fault zone.				
275½-288	Grey silicified sediment.				
	End of hole 288'.				

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DIAMOND DRILL REPORT,

HASAGA

Royal Ohman Option

Hole No. D.D. 7-67

5017 N.

Place ~~Surface~~ Location 7812 N. Direction E 22° W Date

Dip: 0° -50°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-14	Casing.				
14-28	Green and dark tuff.				
28-95	Dark well banded sediment.				
95-104	Green and brown tuff.				
104-228	Well banded grey sediment.				
128-185	Dark grey sediment, slightly sheared.				
185-225	Green and grey slightly silicified tuff?				
225-240	Slaty sediments.				
240-273	Dark grey sediment with slaty sections.				
273-275½	Fault zone.				
275½-288	Grey silicified sediment.				
	End of Hole 288'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Uhman Option

Hole No. D.D. E-67...

Place Location ^{5017.1N} 7812.2E Direction Brg. N22W Date

0° - 50°

Sample No.	Description	Footage	Width	As	
				Qz.	Fe
33903	Sheared grey sed. little pyrr.	132½-135	30"		Nil
04	Slaty sed. with considerable pyrr.	226.9-228.9	24"		0.35
14	Altered & fractured sed. with some pyrr. min.	271.8-273	16"		Nil 0.70
0 - 7	Casing				
7 - 8½	Green & dark banded loose slab				
8½ - 14	Sand etc.				
14 - 24	Green & dark				
	Lost Hole				
0 - 14	Casing				
14 - 28	Green & dark banded (14-16/ shows side of old hole				
28 - 95	Dark generally well banded sed. with minor light bands and some slaty sections				
95 - 104	Grey to brownish after 50' little fracturing with narrow qtz. str.				
104-128	Irregularly banded green and brown.				
128-185	Evenly banded dark grey wed. 110-111 dyke				
	Dark grey sed. tuff. similar to 104-128 but apparently sheared or contorted little pyrr. min. 136-137½ dyke.				
	Bluish qtz. str. at 156				
	159-160 ground				
	178½-180½ fractured with bluish qtz.				
	Last 5 feet brown sed.				
185-225	Green and bluish grey banded (Generally "lenticular banding")				
	Silicified appearance with a very little pyrr & fine pyrr.				
225-240	Slaty sed. little fracturing occasional bluish qtz str. & some bands containing massive pyrr. 235-236 dyke.				
240-273	Dark grey to very dark sed. with slaty section. little pyrr. pyrr. associated with qtz. str. & fractures. Fair pyrr. from 250-255.				
	Fracturing with pyrr. most pronounced in last foot 268-271½ dyke.				
273-275½	Breccia zone similar to 126-128 in E-66 Fault.				
275½-288	Fractured slightly silicified grey sed. with numerous qtz. str.				

End of hole 288

FICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA
Kovel-Ohman Option

Hole No. D.D. ... E-65

5075 N

Place Surface

7897 E

Location.....

Direction N 22 W

Date

Dip; at 0' -50°; at 200' -40°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-15	Casing.				
15-48½	Dark grey well banded sediment.				
48½-50	Green garnetiferous band.				
50-67	Grey sediment.				
67-91	Green and dark tuff.				
91-187	Dark to grey sediment.				
187-205	Grey and green slightly silicified tuff.				
205-208½	Brown sediment.				
208½-230	Dark slaty sediments.				
230-240	Brown well banded sediment.				
240-245	Dyke.				
245-258½	Highly silicified sediment, intruded by rhyolite.				
258½-259	Fault zone.				
259-299	Dark grey silicified sediment.				
	End of hole 299'				

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DIAMOND DRILL REPORT.

HAGUNA

Kovel/Ohman Option

Hole No. D.D. 777...

5075 N

Place Surface... Location 17877.7 Direction N. 22. W. Date

Dip: at 0' -50° ; at 200' -40°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-15	Casing.				
15-48½	Dark grey well banded sediment,				
48½-50	Green garnetiferous band.				
50-67	Grey sediment.				
67-91	Green and dark tuff.				
91-187	Dark to grey sediment.				
187-205	Grey and green slightly silicified tuff.				
205-208½	Brown sediment.				
208½-230	Dark slaty sediments.				
230-240	Brown well banded sediment.				
240-245	Dyke.				
245-258½	Highly silicified sediment, intruded by rhyolite.				
258½-259	Fault zone.				
259-299	Dark grey silicified sediment.				
	End of Hole 299'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. K-68..

Place ^{5375.4 N} Suffer... Location ^{7897.0 E} Direction ^{N 22 W} Date

Dip: 0° - 50° 200' - 400' ^{Elv 4997.4}

Sample No.	Description	Footage	Width	Ass.	
				Oz	V. lbs
33905	Bluish quartz stringer - good pyrite	40'10"-41½"	8"		1.05
06	Fine grained rhyolite? or altered sediment. Very little mineralization.	245-246	12"		1.75
07	Silicified and intruded sediment with 50% white quartz - coarse arsenopyrite.	246-247½"	18"		9.45
08	Lightly fractured fine rhyolite with arsenopyrite.	247½"-250"	30"		8.40
09	Ditto	250-252½"	30"		4.90
10	Ditto	252½"-255"	30"		4.20
11	Ditto - more sediment remnants	255-256½"	18"		2.45
12	Silicified sediment	256½"-258"	20"		nil
13	Silicified grey sediment. Very little mineralization.	262½"-265"	30"		nil
0 - 15	Casing.				
15 - 16½"	Grey well banded section - few garnets.				
16½"-19'4"	Ground.				
19'4"-48½"	Generally dark grey sediment				
	21-23 - Few green bands				
	27-28 - Ground				
	28-31 - Light grey well banded.				
	34-35 - Ground				
	41' - Fracturing with bluish quartz stringers well mineralized with pyrite.				
	44' - Few Garnets.				
48½" - 50	Green and dark coarse appearing with few garnets.				
50 - 67	Grey sediment grading from dark to light with few cherty bands. Occasional blue quartz stringers and little fracturing with white quartz stringers. Some sections slightly silicified.				58-59 Dyke.
67 - 91	Green and dark irregularly banded slightly silicified in sections. Few garnets.				
91 - 187	Dark coarse poorly banded sediment? grading to well banded grey to brownish sediment at 102'. 107'4" - 110'10" - Dyke 116½" - 117½" - Ground.				
	Some dark irregularly banded sections, tuff? 167-168 Dyke.				
187- 205	Bluish grey and green banded with silicified appearance.				
205 - 208½"	Brownish sediment.				
208½"-230	Dark slaty sediment slightly fractured with pyrite on fractures. Occasional bluish quartz stringers. Some bands heavily mineralized with pyrrhotite.				228-229 - Ground.
230 - 240	Brown well banded sediment with some cherty and slaty bands. Occasional white quartz stringers.				Dyke.
240 - 245	Dyke.				
245 - 258½"	Highly silicified sediment intruded by rhyolite - fractured and cut by numerous narrow white quartz stringers. Last two feet predominantly sediment. Fine pyrite and arsenopyrite? mineralization. Considerable white quartz veining 246-247 with associated coarse arsenopyrite.				

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DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Page. 2.

Hole No. D.D. E-68...

Place Surface.. Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
258'2"-259	Breccia zone as in E-67 & E-66 Fault? "Contacts" parallel and bedding.				
259 -299	Generally dark grey silicified sediment with narrow crooked quartz stringers. Little pyrite mineralization in places. Appearance of sheared rhyolite suggested in places.				
278 $\frac{1}{2}$ -282	Ground				
End of Hole 299'.					

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT

HASAGA

Kovel-Ohman Option

Hole No. D.D. E-69

4940 N

Place Surface Location

7623 E

Direction n 22° W

Date

Dip: at 0' -50° ; at 200' -45°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-4	Casing.				
4-55	Dark grey to brown sediment.				
55-59	Dyke.				
59-60	Fault zone.				
60-82	Dark and green banded tuff.				
82-168	Grey and greensilicified tuff.				
168-176	Green and brown tuff.				
176-195	Slaty sediments.				
195-199½	Brown sediment.				
199½-230	Well fractured rhyolite.				
230-256	Grey slightly sheared and silicified sediment.				
	End of hole 256'.				

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DIAMOND DRILL REPORT.

HASCO.

Reval-Chuan Option

Hole No. D.D. ..E-69.

4940 N

Plane Surface... Location ..76237... Direction N 22° W... Date

Dip: at 0' -50°; at 200' -45°.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-4	Casing.				
4-55	Dark grey to brown sediment.				
55-59	Dike.				
59-60	Fault zone.				
60-82	Dark and green banded tuff.				
82-168	Gray and green silicified tuff.				
168-176	Green and brown tuff.				
176-195	Slaty sediments.				
195-199½	Brown sediment.				
199½-230	Well fractured rhyolite.				
230-256	Grey slightly sheared and silicified sediment.				

End of Hole 256'.

PTOKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. .F-69..

Place Location Direction Brg. N22W Date

0' - 50° 200 -45°

Sample	Description	Footage	Width	Assay	
				Oz.	Value
33929	Green : grey silicified with massive pyrr.	143-144	12"	0.35	
30	Fine massive rhy.	199½-201	18"	4.90	
31	Grey fractured rhy. with qtz. veining	201-203	24"	Nil	
32	Ditto	203-205	24"	4.20	
33	Ditto	205-207	24"	4.55	
34	80% white qtz.	207-209	24"	2.45	
35	Fractured grey rhy.	209-211½	24"	0.70	
36	Ditto	211½-214	30"	1.05	
37	Darker with 50% qtz. veining better min.	214-216'8	30"	5.25	
38	Darker better min.	216'8-218'8	32"	Nil	
39	Ditto more qtz.	218'8-221	24"	1.05	
40	Darker "rolled rhyolite"	221-223	28"	0.70	
41	Ditto	223-225	24"	0.70	
42	Ditto	225-227½	24"	0.35	
43	Ditto	227½-230	30"	0.80	
4 - 54	Dark grey to brown sed. with minor green bands. Occasional narrow qtz. str. first few feet slightly silicified. Some pyrite on fractures			Nil	
54 - 55½	Brown finely banded sed. with minor green bands & few garnets				
55½ - 59	Fine acid dyke last foot fractured				
59 - 60	Fragmental fault zone as in E-66, 67, & 68.				
60 - 82	Dark & green lenticular banded tuff.				
82 - 168	Green & grey silicified lenticular banded tuff. with little fine pyrr. & pyr. min. Occasional bluish qtz. str.				
	132 - 133 dyke				
	139 - 140 dyke				
	Little massive pyrr at 143½ brown bands becoming common after 150'				
168-176	Fine poorly banded green & brown tuff. sed.				
176-195	Grey to dark well banded slaty sed.				
195-199½	Fine brown sed.				
199½-230	Fractured rhyolite with considerable white qtz. veining. first foot massive massive, fine ground. granular				
	201-221 fairly dark to light grey silicified and fractured fine grey rhy. with sparse pyr. & pyrr.				
	221-230 coarser & less veining may be altered sed.				
230-256	Dark grey slightly sheared sed. First five feet silicified with occasional white qtz. str.				
	237½-238'9" dyke				

End of Hole 256

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. B-70

Place Surface... Location Direction Date

Dip: 0° - 65° 200' - 60° 420' - 55°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33945	White quartz vein in greenstone. Some massive pyrrhotite in greenstone near contact.	21-22½	18"	nil	
76	Tuff with seams of pyrite and pyrrhotite	41-42	12"	nil	
77	Green and grey silicified tuff with fine pyrite and pyrrhotite	164-165	12"	nil	
78	Silicified green and grey tuff? with fair fine pyrite	197½-200	30"	nil	
79	Green and grey with little chalcopyrite	347-348	12"	nil	
33945	Slaty sediment. Little coarse arsenopyrite	370-371½	13"	nil	
44	Fractured slaty sediment with bluish quartz stringers and visible gold.	371½-372½	8"	8.40	
46	Slaty sediment. Little pyrite, pyrrhotite and coarse arsenopyrite.	371½-374	27"	nil	
47	Ditto slightly more fracturing.	374-376	24"	nil	
48	Well mineralized with coarse arsenopyrite	376-378	24"	0.35	
49	Some pyrite and pyrrhotite	378-380	24"	nil	
50	Slaty sediment little pyrite and pyrrhotite	380-381½	15"	0.70	
51	Highly altered sediment rhyolite contact.	381½-382½	15"	0.35	
51	Rhyolite with fair fine pyrite and arsenopyrite.	382½-385	30"	7.70	
52	Rhyolite light colored. Sparse mineralization.	385-387½	30"	3.50	
53	Ditto	387½-390	30"	3.50	
54	Ditto	390-392½	30"	6.30	
55	Ditto	392½-395	30"	4.90	
56	Ditto	395-397½	30"	2.80	
57	Ditto	397½-400	30"	2.10	
58	Ditto	400-402½	30"	3.55	
59	Ditto	402½-405	30"	5.25	
60	Ditto	405-407½	30"	3.15	
61	Ditto	407½-410	30"	8.05	
62	Ditto	410-412½	30"	6.65	
63	Ditto	412½-415	30"	4.20	
64	Ditto	415-417½	30"	4.55	
65	Ditto	417½-420	30"	2.45	
66	Ditto	420-422½	30"	1.75	
67	Ditto white quartz stringers	422½-425	30"	0.70	
68	Ditto	425-427½	30"	nil	
69	Ditto	427½-430	30"	nil	
70	Ditto	430-432½	30"	1.05	
71	Ditto	432½-435	30"	0.35	
72	Ditto	435-437½	30"	0.70	
73	Ditto				

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Page. 2.

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. A-70...

Place Surface... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
33974	Rhyolite light colored. Sparse mineralization.	437½-440	30"		1.75
33980	Silicified grey sediment with sections of sheared and rolled rhyolite. Little pyrite and pyrrhotite.	440-442½	30"		nil
81	Ditto	442½-445	30"		nil
82	Ditto	445-447½	30"		nil
83	Ditto	447½-450	30"		nil
84	Ditto	450-452½	30"		nil
85	Ditto	452½-455	30"		nil
86	Ditto	455-457½	30"		nil
87	Ditto	457½-460	30"		nil
0 - 12	Casing				
12 - 16	Bluish green tuff, massive.				
16 - 21	Massive dark fine greenstone. 21 - 22½ - White quartz vein.				
21 - 47	Slightly fractured - carbonatized tuff. Seams of pyrite and pyrrhotite from 41 - 42.				
47 - 50	Brown and very minor green sheared sediment? with narrow quartz stringers.				
50 - 77	Green amphibolitic to bluish green dense tuff. Quartz veining and narrow breccia zone 57 - 58½.				
77 - 80	Brownish grey slaty sediment.				
80 - 91½	Tuff as 50 - 77.				
91½ - 95	Brownish coarser sediment with little pyrite.				
95 - 103	Dark green slightly sheared amphibolitic tuff with occasional garnets.				
103 - 119½	Narrow green and brown banded tuff.				
119½-122'4"	Grey rhyolite.				
122'4" 144	Green to grey slightly sheared poorly bedded sediment? tuff?				
144 - 146½	Massive greenstone band with 3" bluish quartz on north contact.				
146½-175	Green and brown to green and grey silicified almost lenticular banded tuff? Some sections with fair fine pyrite and pyrrhotite mineralization.				
175 - 184	Grey slaty sediment.				
184 - 191	Green and brown to green and grey banded.				
191 - 250	Green and grey banded silicified with fair fine pyrite and pyrrhotite mineralization. Grading to silicified grey sediment. Occasional narrow quartz stringers. Spotty pyrrhotite and pyrite mineralization. 225' - 6" quartz veining.				
250 - 350	Irregular green and brown to green and dark banded with silicified appearance in some sections after 285'. 330 - 331 Dyke.				
350-379	339 - 340 Dyke. Little chalcopyrite at 347½.				
350 - 370	Brownish poorly banded sediment with some sections of grey slaty sediment. Scattered massive pyrrhotite and little pyrite.				
370 - 381	Dark slaty to light cherty sediment with a little evidence of shearing and fair to good fracturing - often with bluish quartz stringers. Some sections well mineralized with pyrite & coarse arsenopyrite. Visible gold associated with quartz stringers at 371½.				

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Page. 3.

DIAMOND DRILL REPORT.
HASAGA
Koval-Ohman Option

Hole No. D.D. .M-7Q.

Place Surface... Location Direction Date

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
381 - 440	Rhyolite. Light blue grey to 410 fairly well mineralized from 381'3" to 382 $\frac{1}{2}$ with fine pyrite and arsenopyrite? but remainder only sparsely mineralized. From 410 feet to 440 the zone is slightly darker with better "old fracturing" and better fine pyrite mineralization. Little massive pyrrhotite at 415'. White quartz stringers more numerous from 420 - 440.				
440 -451	Highly altered and silicified dark grey sediment with sections of "sheared" and "rolled" rhyolite.				
451 -464	Silicified and fractured dark grey sediment.				
	End of Hole 464'.				

~~DIAMOND DRILL REPORT~~

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. 4-12...

4565 N.

Place .Sarfaga..

Location

6682 E.

Direction N 15 W

Date Oct. 1953.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-17	Dark sediments.				
17-19½	50% quartz veining. Breccia zone.				
19½-57½	Fine grey uniform quartzitic sediments.				
57½-75	Greywacke.				
75-79	Dacite? Fairly coarse grey rock. Pct of Hole 79'.				

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DIAMOND DRILL REPORT.

Koval-Ohman Option

Hole No. D.D. X-12...

4565.5 N

Place Surface

Location

6682.5 E (Approx)

N 15 W

Direction

Date

Oct 1953

Dip -30° - 30

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29695	Dark sediments	0-3	36"		nil
96	Ditto	3-6	36"		.35
97	Ditto	6-9	36"		.35
98	Ditto	9-11½	30"		nil
99	Ditto	11½-13½	24"		nil
29700	Ditto	13½-15½	24"		nil
01	Ditto	15½-17	18"		nil
02	Much quartz veining. Coarse arsenopyrite.	17-19'6"	30"		.35
03	Fine siliceous or quartzitic, Well mineralized. Arsenopyrite and pyrite	19'6"-21'6"	24"		.70
04	Ditto	21'6"-23'6"	24"		1.05
05	Ditto	23'6"-25'6"	24"		.70
06	Fine Siliceous Pyrite	25'6"-28'	30"		2.10
07	Ditto 10" dike	28-30	24"		2.80
08	Ditto V.G.I.?	30-32	24"		2.80
09	Ditto	32-34	24"		6.30
10	Ditto	34-36½	30"		7.70
11	Ditto	36½-39	30"		9.80
12	Somewhat or slightly worsen in grain and less siliceous.	39-41½	30"		.70
13	Ditto	41½-44	30"		nil
14	Ditto	44-46½	30"		nil
15	Ditto	46½-49	30"		2.10
16	Finer again. Well mineralized. Pyrite	49-51½	30"		2.45
17	Ditto	51½-53½	24"		3.50
47	Ditto	53½-55½	24"		1.75
48	Ditto	55½-57½	24"		2.10
49	Greywacke	57½-60	30"		nil
50	Ditto	60-63	36"		nil
51	Ditto	63-66	36"		nil
0-17'	Dark sediments, as in previous holes. Arsenopyrite mineralization increasing rapidly. Some pyrite				
17-19'6"	Irregular quartz veining 50%. Much coarse arsenopyrite with tourmaline. Inclusion of dark sediments. Contact beccia zone with quartz veining.				
19'6"-57½'	Quartzitic type. Fine dark grey and comparatively uniform. Many small stringers and veinlets mostly parallel - following cleavage and bedding planes. Well mineralized with arsenopyrite, pyrite and pyrrhotite, - the first two predominant. Arsenopyrite is much coarser than in the A zone. 30'D" / 30'10" Dike (10")				

DIAMOND DRILL REPORT.

HASAGA

Koval-Ohman Option

Hole No. D.D. .X-13..

4578 N.

Place ~~Suffage~~... Location .. 6654 E. Direction ... N 20 E Date . Oct. 1953.

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-22 $\frac{1}{2}$	Quartzitic type sediments.				
22 $\frac{1}{2}$ -51	Greywacke.				
	End of Hole 51'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.
Koval-Ohman Option

Hole No. D.D. X-13....

4578.0 N
6654.0 E (Approx)

Place Surface..... Location Direction N 20 W..... Date Oct. 1953..

Dip -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29801	Quartzitic. Well mineralized	0-2½	30"		.70
02	Ditto	2½-5	30"		1.05
03	Quartzite - graywacke. Fair mineralization	5-7½	30"		nil
04	Ditto	7½-9½	24"		nil
05	Ditto	9½-11½	24"		.35
06	Ditto	11½-13	18"		nil
07	Dike	13-13'10"	10"		.70
08	Quartzitic. Well mineralized	13'10"-16	26"		1.05
09	Ditto	16-18	24"		1.05
10	Ditto	18-20	24"		.70
11	Quartzitic - greywacke	20-22½	30"		6.30
12	Greywacke; much epidote	22½-25	30"		nil
13	Greywacke	25-28	36"		nil
14	Ditto	28-31	36"		nil
15	Ditto	31-34	36"		nil
16	Ditto	34-37	36"		1.05
0-22'6"	Quartzitic type, dark gray. Brecciated and well mineralized. Pyrite in the main sulphide. No prominent arsenopyrite as in previous hole. Some sections are less quartzitic and more like greywacke. The more siliceous sections are the ones heavily mineralized. 13'-14' dike.				
22'6"-51'	Graywacke; gray-brown, slightly mineralized. Sharp contact with much epidote. End of hole 51'				

~~PICKLE CROW GOLD MINES LTD~~
~~DIAMOND DRILL REPORT~~

DIAMOND DRILL REPORT.

HASAGA

Koval - Ohman Option

Hole No. D.D. X-14.

4622 N.

Place : Surface... Location ..6622.N.. Direction .S.30°E.. Date Oct. 1953.

Dip: -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
0-21½	Dark fine grained greywacke.				
21½-48	Dark grey silicified quartzite.				
48-68	Greywacke.				
	End of Hole 68'.				

PICKLE CROW GOLD MINES LTD.

DIAMOND DRILL REPORT.
Koval-Othman Option

Hole No. D.D. I-14

46330. N

Place Surface

Location

6687.5 E

Direction S 20° E

Date Oct 1953

Dip -30°

Sample No.	Description	Footage	Width	Assay	
				Oz.	Value
29901	Quartzitic	21½-24	30"		2.45
29902	Ditto	24-26½	30"		5.60
03	Ditto	26½-29	30"		6.65
04	Ditto	29-31½	30"		1.05
05	Ditto	31½-34	30"		.70
06	Ditto	34-36½	30"		9.10
07	Ditto	36½-39	30"		.70
08	Ditto	39-44½	30"		2.10
09	Ditto	41½-44	30"		1.40
10	Ditto	44-46	24"		1.40
11	Ditto	46-48	24"		nil
12	Greywacke	48-50	24"		nil
13	Greywacke, stringers and veinlets	55-57	30"		1.75
14	Ditto	57½-60	30"		nil

0 -21½' Greywacke, dark fine grained and quite uniform.

21½'-48' Quartzites, dark grey. Silicified and mineralized with fine pyrite.

48'-67½' Graywacke
51½'-52' Dike
55'-60' Many stringers and veinlets.

End of hole 67½'

From	To	Value	Core Length	True Width
24.0	36.5	\$4.62	12.5	10.8

Hole #	Footage	Hole #	Footage	Hole #	Footage	Hole #	Footage
E-1	279'	E-23	100'	E-45	334'	E-67	288'
E-2	341'	E-24	103'	E-46	336'	E-68	299'
E-3	300'	E-25	45'	E-47	750'	E-69	256'
E-4	316'	E-26	65'	E-48	470'	E-70	464'
E-5	384'	E-27	119'	E-49	741'	E-71	750'
E-6	432'	E-28	644'	E-50	758'		
E-7	424'	E-29	117'	E-51	62'	X-1	57'
E-8	456'	E-30	119' 9"	E-52	53'	X-2	77'
E-9	637'	E-31	125'	E-53	54' 7"	X-3	79'
E-10	687'	E-32	125'	E-54	51'	X-4	27'
E-11	681'	E-33	652'	E-55	44 1/2'	X-5	84'
E-12	377'	E-34	653'	E-56	60'	X-6	72'
E-13	246'	E-35	505'	E-57	70' 9"	X-7	54' 6"
E-14	365'	E-36	122'	E-58	75' 8"	X-8	39'
E-15	399'	E-37	56'	E-59	83' 8"	X-9	57'
	399'	E-38	53'	E-60	121'	X-10	59'
E-17	202' 5"	E-39	50'	E-61	105 1/2'	X-11	68'
E-18	346'	E-40	70'	E-62	125'	X-12	79'
E-19	111' 10"	E-41	86'	E-63	88'	X-13	51'
E-20	399'	E-42	81' 9"	E-64	494'	X-14	67 1/2'
E-21	106'	E-43	91 1/2'	E-65	329'	X-15	51'
E-22	110'	E-44	372'	E-66	281'	X-16	70'
						X-17	34'

Hasaga Gold Mines Ltd

87 DDH - 20,885.3'

TOTAL

1/2

X-13 $\frac{16.30}{2.5}$
X-12 $\frac{8.05}{2.0}$

X-14 $\frac{4.62}{10.8}$

E-41 $\frac{7.61}{11.8}$

E-40 NOT YET ASSAYED

X-RAY MACHINE WAS UNABLE TO DRILL HERE DUE TO OVERBURDEN

E-15 $\frac{3.18}{2.5}$

EXPECTED LIMITS OF

'C' ZONE

E-35 NOW BEING DRILLED.

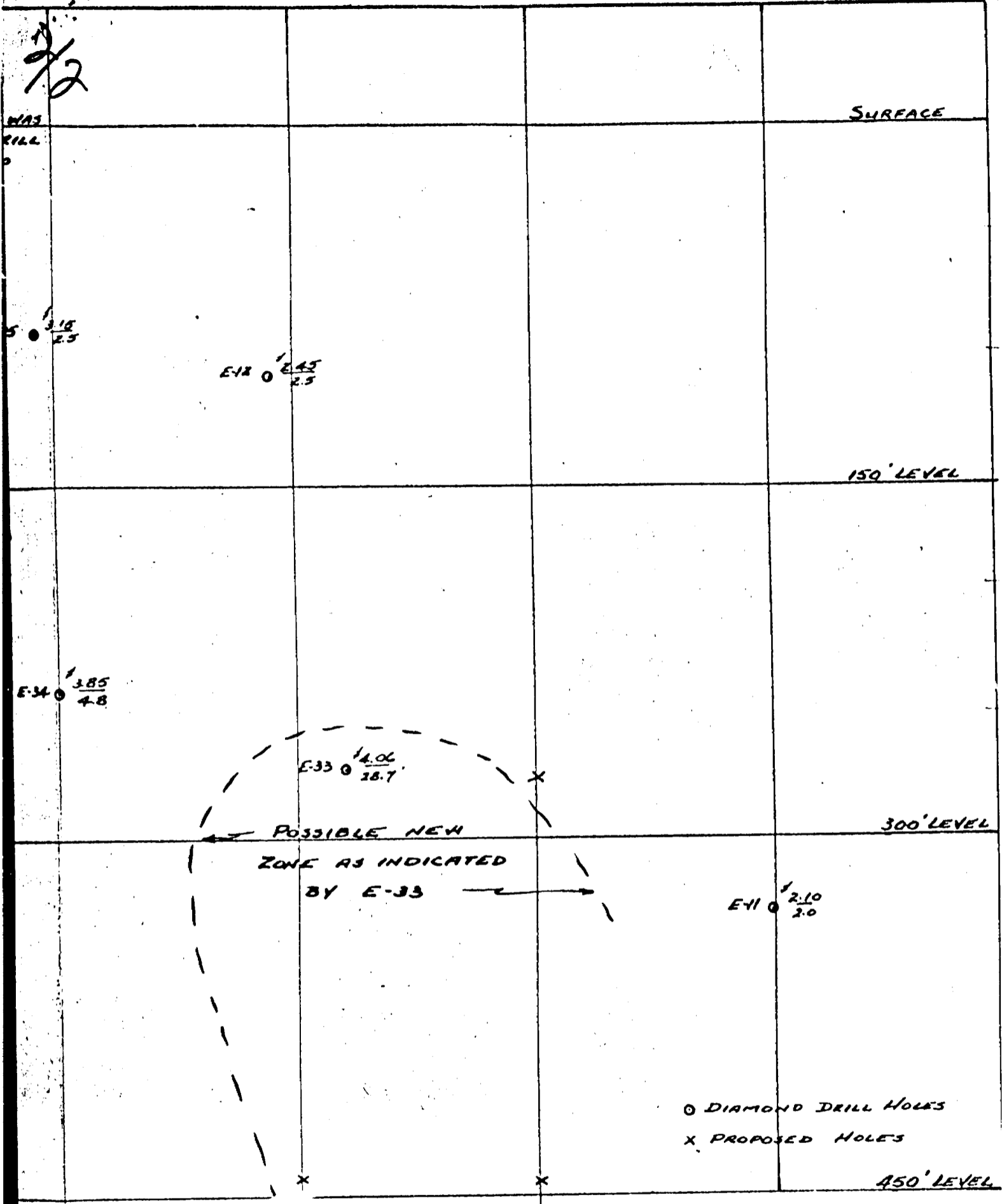
E-34 $\frac{3.85}{4.8}$

1" = 50 FT

HASAGA GOLD MINES LTD.

BEN LAKE, ONT.
LONGITUDINAL SECTION
'C' ZONE AREA

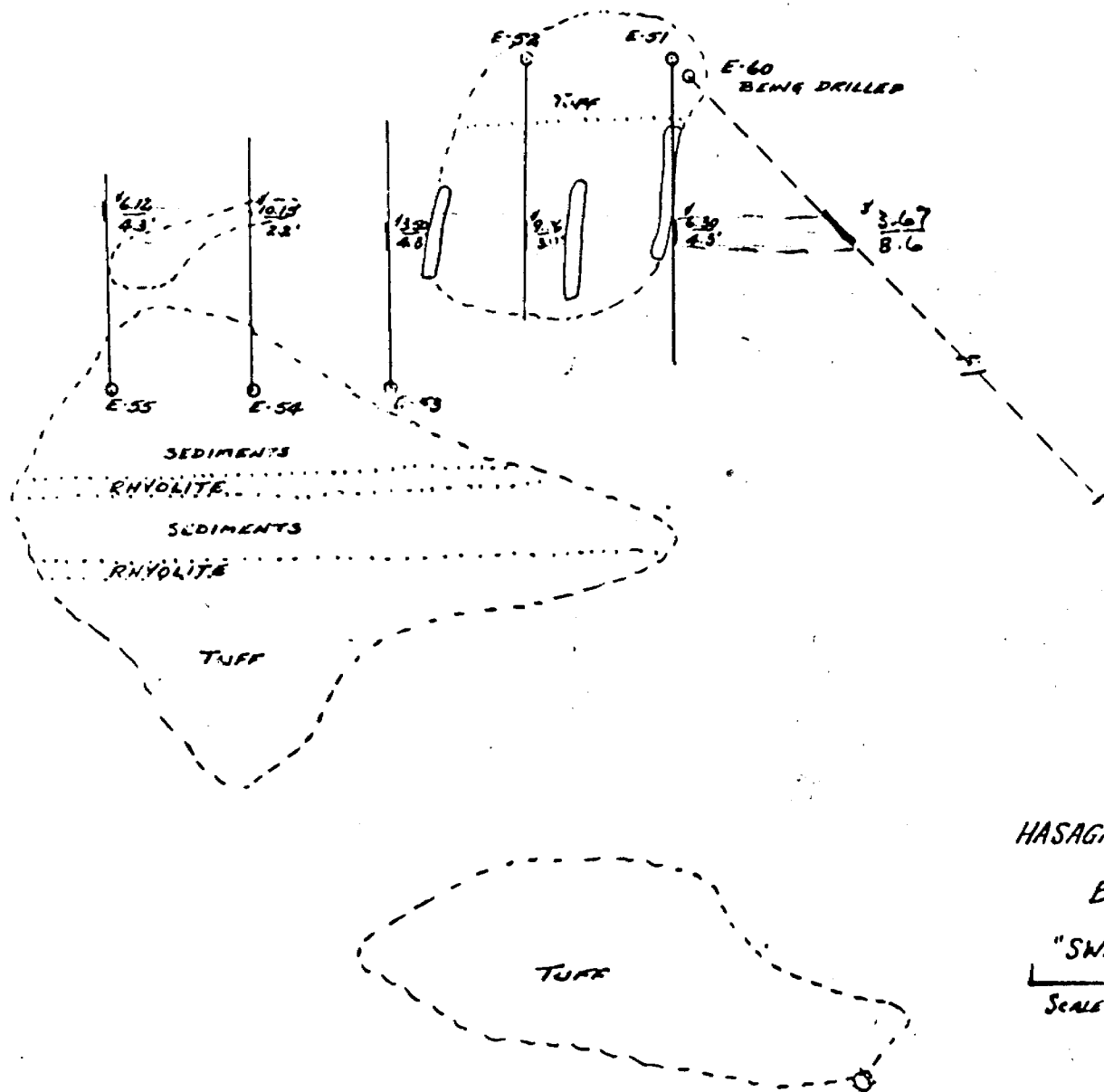
SEPT. 9, 1954



HASAGA GOLD MINES LTD.
 BEN LAKE, ONT.
 LONGITUDINAL SECTION
 'C' ZONE AREA

1" = 50' SEPT 9, 1954

$$Av. \frac{5.82}{4.6} \times 130'$$



HASAGA GOLD MINES LTD

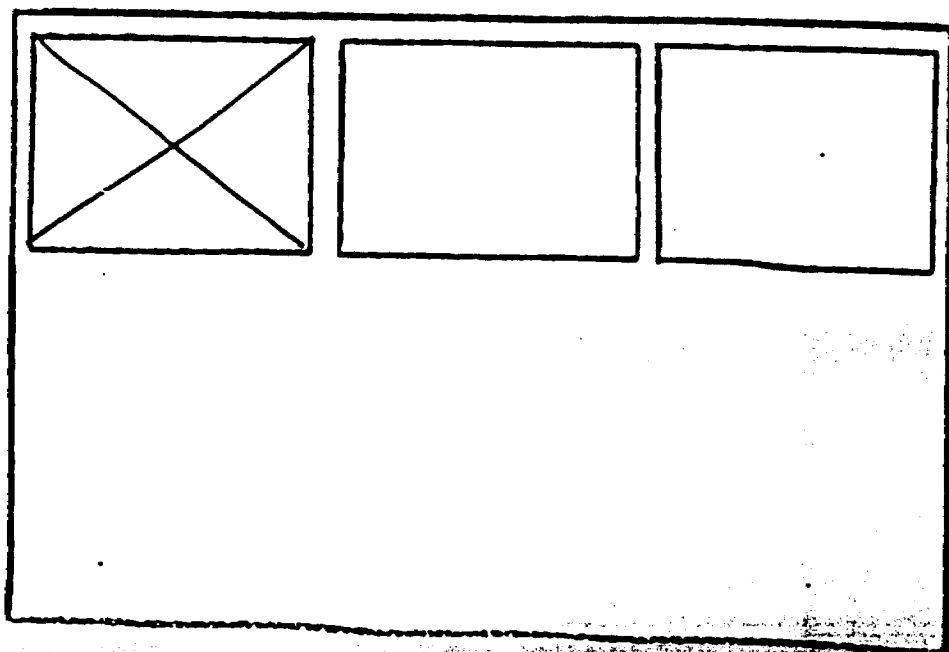
BEN LAKE

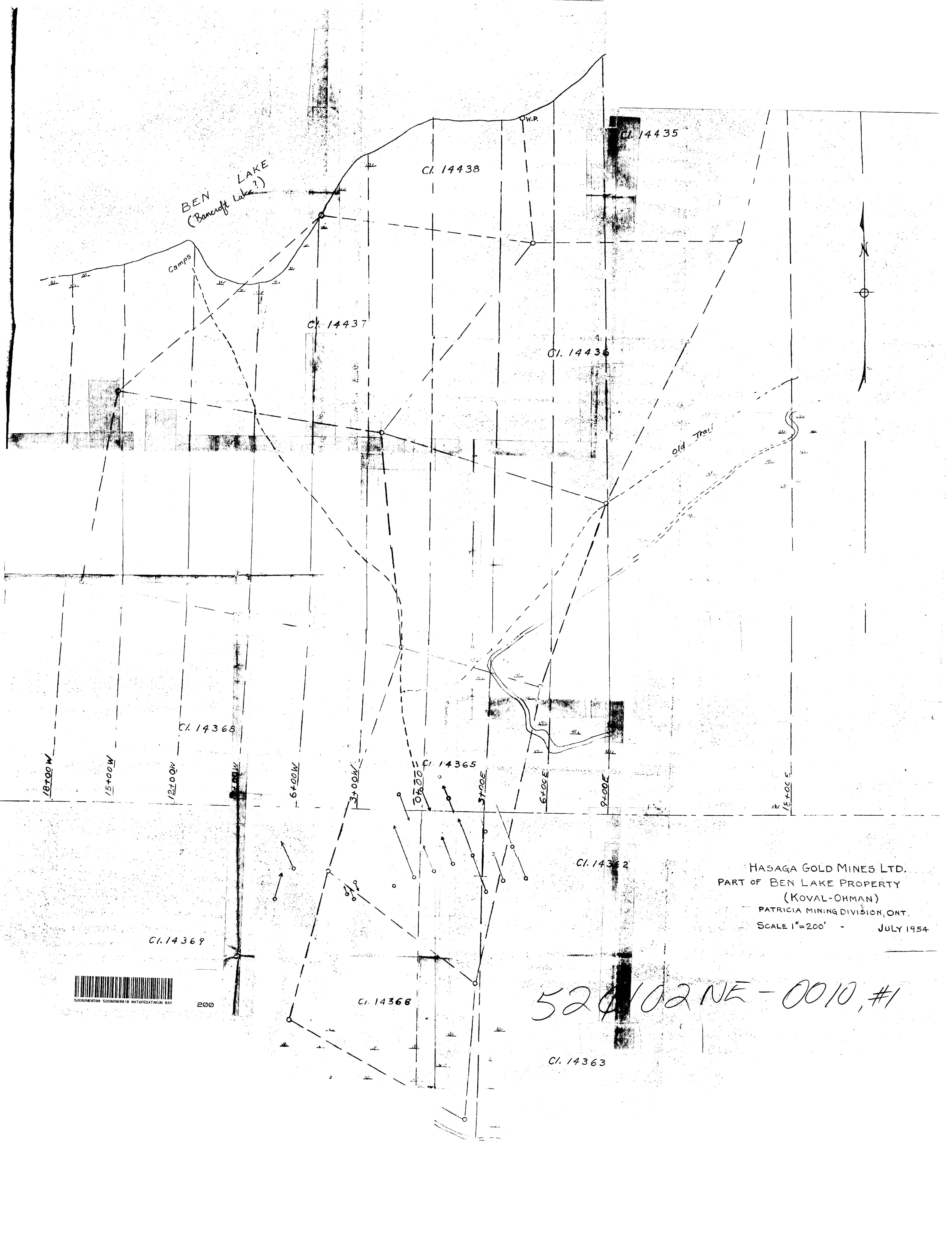
"SWAMP ZONE"

SCALE 1"=30' SEPT 21/54

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
52 ϕ /02 NE-0010, #1

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)





BEN LAKE
(Bancroft Lake?)

Camps

O.W.P.

Cl. 14438

Cl. 14435

Cl. 14437

Cl. 14436

Old Trail

Cl. 14368

Cl. 14365

18700 W
15700 W
12100 W

6700 W
3700 W

6700 E
9700 E

13700 E

Cl. 14369

Cl. 14362

HASAGA GOLD MINES LTD.
PART OF BEN LAKE PROPERTY
(KOVAL-OHMAN)
PATRICIA MINING DIVISION, ONT.
SCALE 1"=200' - JULY 1954



200

Cl. 14368

524102 NE - 0010, #1

Cl. 14363