

DRILL LOGS - GEOLOGY & ASSAYS, MINAL-CHARL GP. (5)  
 H. HILL, STARCK & ASSOCIATES, MAY-JULY, 1962

W. SHARP FILE COPY.

D.D.H. #1 Aspen Grove May 13th. 1962  
 Trench # 1, Strike East Dip -30

801232

0 - 4	Casing andesite			
4 -12.5	augite porphyry with stringers of skarn			
12.5- 17.5	augite			
17.5-21	epidote			
21-23.5	augite			
23.5-26.5	augite, skarn some CuS Mag. at 26	Cu %		
	Sample No 7244		0.30	
26.5-30.0	skarn, magnetite CuS			
	Sample No. 7245		0.37	
30 -35	skarn			
35 -37	augite			
37 -40	" & Skarn			
41 -42	some pyrite & chalc.			
	Sample No. 23701		0.17	
42 -52	skarn Grading into andesite			
52-58	augite & andesite some fine pyrite			
	end of hole			
	Sludges	Sample No. 7243	20-30	0.73
		" " 23702	30-35	0.30
		" " 03	35-40	0.22
		" " 04	40-50	0.25

D.D.H. No. 1A  
 15 degrees North of #1 -30

0 -15	andesite			
15 -22	" grading into augite			
22 -27	skarn			
27 -30	magnetite some CuS.			
		Sample No. 23705		0.25
30- 33	" some heavy FeS & CuS			
		Sample No. 06		0.60
33 -42	skarn small amt. of CuS			
42 -52	X andesite some sections of augite			
52 -74	fine grained andesite some fine pyrite throughout			
74 -78	considerable fine pyrite			
78-85	andesite, some skarn lots fine grained pyrite			
85 -95	"	Sample No. 23707		0.10
95 -105	"	" " 08		0.13
	Sludges	" " 09	20-30	0.10
		" " 10	30-40	0.55
		" " 11	40-50	0.20
		" " 12	50-60	0.15
		" " 13	60-70	0.10
		" " 14	70-80	0.10
		" " 15	80-90	0.18
		" " 16	90-100	0.08

D.D.H. 1B 30 to South -30

0- 22 andesite & augite some skarn at 19  
 22 -39 skarn

This hole went out of solid and was stopped at 33

2

Hole No.2 Aspen Grove 60' West of Point B  
Strike East Dip -30 May 30th.1962

0 - 22	andesite		
22 - 36	Epidote, some FeS at 24½ and 25½		
36 - 49	"		
49 - 54	" , magnetite some FeS and CuS		Cu.%
		Sample No.23717	0.85
54 - 59	magnetite sparsely mineralized		
		" " 18	0.13
59 - 61	andesite		
61 - 64	some heavy FeS & magnetite at 62 & 65		
64 - 73	andesite, broken ground -lost water throught no sludges after 25'		

49  
198  
25  
13

Hole No. 2 X same as No.2 except dip 45

0 - 29	andesite		
29 - 52	epidote		
52 - 56	magnetite, heavy FeS some CuS		
		Sample no.23719	0.12
56 - 60	" epidote little mineral		
		" " 20	0.33
60 - 62.5	"		
62.5-70	epidote considerable FeS		
70 - 96	andesite some fine FeS		
96 - II2	"		
	Sludges	" "	
		21 40-50	0.37
		22 50-60	0.62
		23 60-65	0.32
		24 65-70	0.30
		25 70-80	0.20
		26 80-90	0.18

12 7 245  
23 27

Hole No.2 A 30 degrees North of No. 2 -40

0 - 22	fine grained andesite		
22- 26	do badly fractured some epidote		
26- 34	mixture of skarn and epidote some CuS		
34- 35.5	epidote some FeS & CuS	27	0.58
35.5-42	" occasional bit of CuS		
42-44.5	" considerable mineral		
		Sample No	28
44.5-54.5	"		1.52
54.5-59	magnetite some mineral	29	0.35
59 - 66	" last 6" epidote	30	0.30
66 - 68	"	31	0.20
68 - 70	skarn		
	end of hole		

5 18.5  
28

Note;- A composite of the core samples ran 33.2% iron

3

Diamond Drill Hole No. 3 Aspen Grove  
 Started 50' West of No. 2, drilled Eastward at -55

0 -30 andesite  
 30- 39 andesite, some epidote, some heavy pyrite, small amt. CuS  
 39 -68 " , occasional bleb of CuS and FeS, some epidote  
 68 -70 epidote, some FeS, showing CuS at 69  
 70 -75 andesite, some skarn, sparsely min.  
 75 -96.5 " , some epidote, FeS at 96  
 96.5-99 " & augite  
 99 -I04 magnetite heavily mineralized with FeS and CuS  
 I04-I09 " well min. " " " "  
 I09-II4 " fairly well min.  
 II4-II7 " " " "  
 II7-II9.5 epidote well mineralized with CuS and FeS  
 II9.5 -I29 andesite some fine FeS  
 I29 -I57 - ditto.

end of hole

Assays

Core

Sample No.	Footage	Width	Cu.%
23732	99 -I04	5'	1.65
33	I04 -I09	5'	0.75
34	I09 -II4	5'	0.30
35	II4 -II7	3'	0.30
36	II7 -II9.5	2.5'	4.00
		<u>20.5'</u>	<u>1.20</u>

8.25  
 3.75  
 1.50  
 .90  
 10.00  
 20.5 / 24.40  
 21.  
 540  
 42  
 120  
 } 1.2

Sludges  
 23737

30 -35	5.0'	0.50	} 0.39
35 -40	5.0'	0.27	
40 -50	10.0'	0.37	0.37
50 -60	10.0'	0.20	0.20
60 -70	10.0	0.60	0.60
70 -80	10.0	0.40	0.40
80 -85	5.0'	0.28	} 0.40%
85 -90	5.0'	0.17	
90 -95	5.0'	0.13	} 0.18%
95 -I00	5.0'	0.15	
I00 -I05	5.0'	1.15	} 25' @ 1.08%
I05 -II0	5.0'	1.23	
II0-II5	5.0'	0.57	} 20' @ 1.0%
II5 -II20	5.0'	1.05	
I20 -I30	10.0'	0.60	

0.40%  
 0.405 / 1.96 = 50' @ 0.40% Cu  
 0.18%  
 0.173 / 20' @ 0.18% Cu  
 14.00

(4)

Diamond Drilling Aspen Grove

Hole No. 4 50' East of Trench No. 4 Drilled West -45

0 - 26 andesite, some epidote, small amt. min.

Hole stopped-sand

Hole No. 5 75' South of No. 4 -45

0-20 badly broken andesite hole stopped

Hole No. 6 75' West of No. 3 -60 June 27th. 1962

0 -35 andesite, some augite some brecciation

35-66 " brecciated in some sections

66-74 "

74 -97 brecciated, some feldspar

97-127 " volcanics

127-145 do

145-154 some skarn, some epidote

154-175.5 volcanics, some skarn, some epidote

175.5-179 30% core recovery, epidote, skarn, magnetite

179-185 magnetite f.w.n.

185-190 " w.n.

190-195 " some min.

195-201 " f.w.n.

201-205.5 epidote some min

205.5-209 skarn

209 -213 brecciated andesite

Sample No	23656	3.5'	0.30	1.05
57	6.0	1.55	9.30	
58	5.0	2.75	13.75	
59	5.0	0.55	2.75	
60	6.0	1.00	6.00	
61	4.5	0.15	0.68	

22 | 1.45  
 31.80  
 22  
 98  
 88  
 100

1.63  
 22 | 36.00  
 22  
 140  
 1320

9.30  
 13.75  
 2.75  
 10.20  
 22 | 36.00  
 175  
 205

(6)

D.D.H. No. 7 same set-up -75

0-57 andesite and augite

57-68 ditto some breccia

68-102 andesite showing some garnet

102-110 garnet, skarn some epidote

110-125 andesite, garnet some epidote

125-131 "

131-160 volcanics some epidote at 134 & 147

160-175 andesite

175-191 mixed breccia, augite por., garnet and epidote

191-198 ditto

198-210 largely epidote, some skarn

210-237 magnetite zone, mineralized

237-245 epidote and skarn

245-260 andesite

260-300 " some skarn and augite end of hole

lost water at 230'

Numer	Core	Samples	
		Footage	%Cu
23762		210-215	0.65
3		215-220	0.25
4		220-225	0.35
5		225-230	0.15
6		230-237	0.05
7	Sludge	210-215	0.30
8		215-220	0.35
9		220-225	0.30
70		225-230	0.25

450  
 225  
 675  
 255 | 33.53  
 7.72  
 1.25  
 32.85  
 25.5  
 6.35  
 51.05  
 1.250

(7)

30  
 41  
 3 | 12.5  
 12

July 23rd. 1962

D.D.H. No. 8 Located 65' North of No.7 Drilled  
East at 45 degrees minus

(8)

0-12 casing  
 12 - 52 andesite, some augite  
 52- 80 do  
 80- 88 garnet, skarn, epidote  
 88-120 andesite, some skarn  
 120-131 do  
 131-150 epidote, skarn small amt. CuS  
 150-155 " ,andesite very sparse min.  
 155-160 " f.w.m. high FeS  
 160-165 " w.m. " " some mag.  
 165-170 " f.w.m. " " " "  
 170-175 "  
 175-197 andesite.

end of hole

Sample No.	W.	Assay
23671	5'	0.35
72	5'	1.10
73	5'	2.30
74	5'	0.65
		4.40
<u>Sludges</u>		
75	I40-I45	.10
76	I45-I50	.10
77	I50-I55	.35
78	I55-I60	.70
79	I60-I65	2.05

South.

Surface.

North.

7' - 0.34 % Cu.

6' - 0.43 % Cu.

• 10' - 0.49 % Cu

• 8' - 0.27 % Cu.

• 10' - 0.17 % Cu

• 21' - 1.26 % Cu.

• 10' - 1.70 % Cu

• 5' - 0.45

• 10' - 0.42 % Cu

• 22' - 1.64 % Cu.

• 10' - 0.45 % Cu.

• 15' - 0.41 % Cu

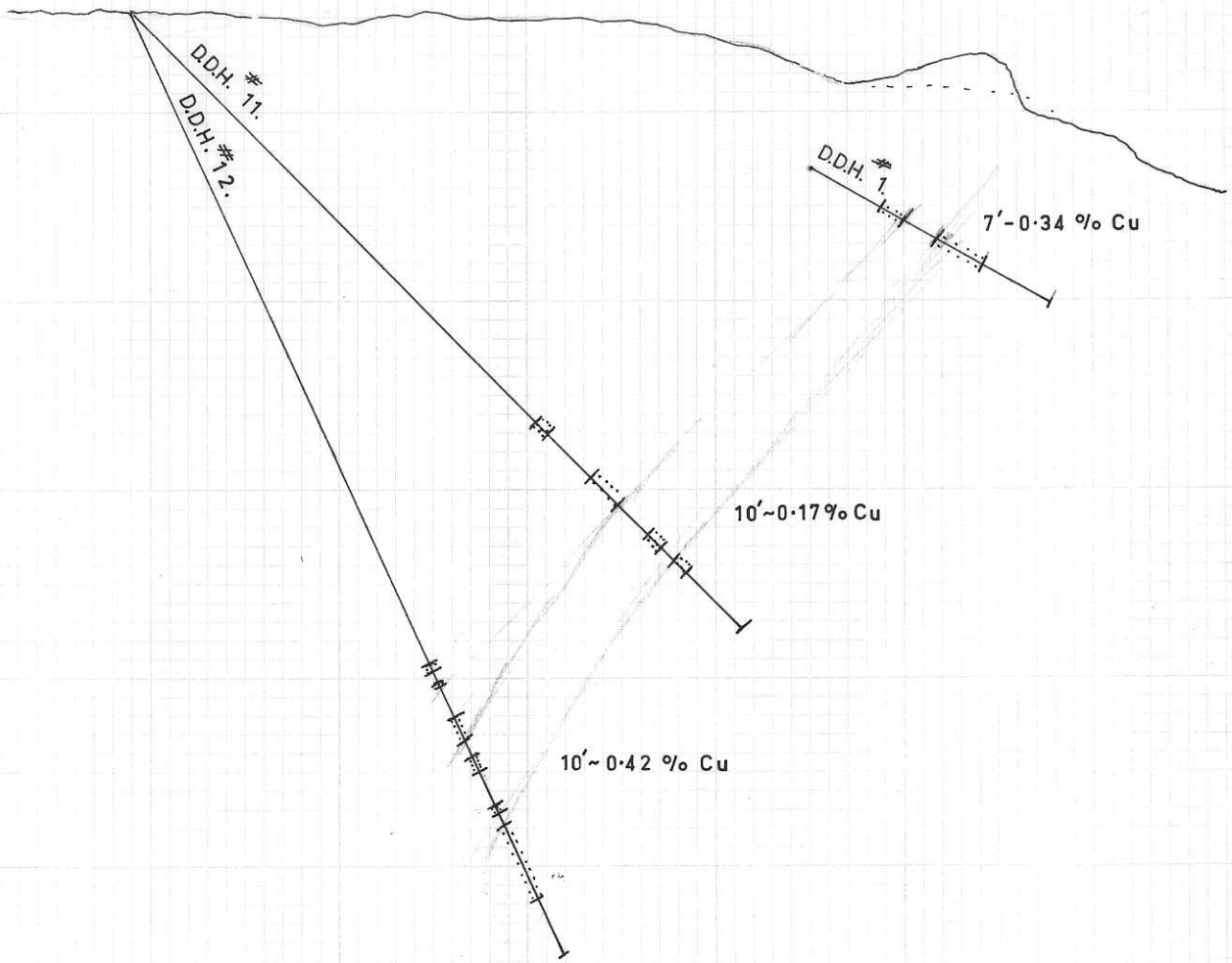
### SKEENA SILVER MINES.

#### ASPEN GROVE CLAIMS

Vertical projection showing drill penetration positions.

Scale 1" = 40'

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- Volcanics.
- Altered volcanics.
- Magnetite.

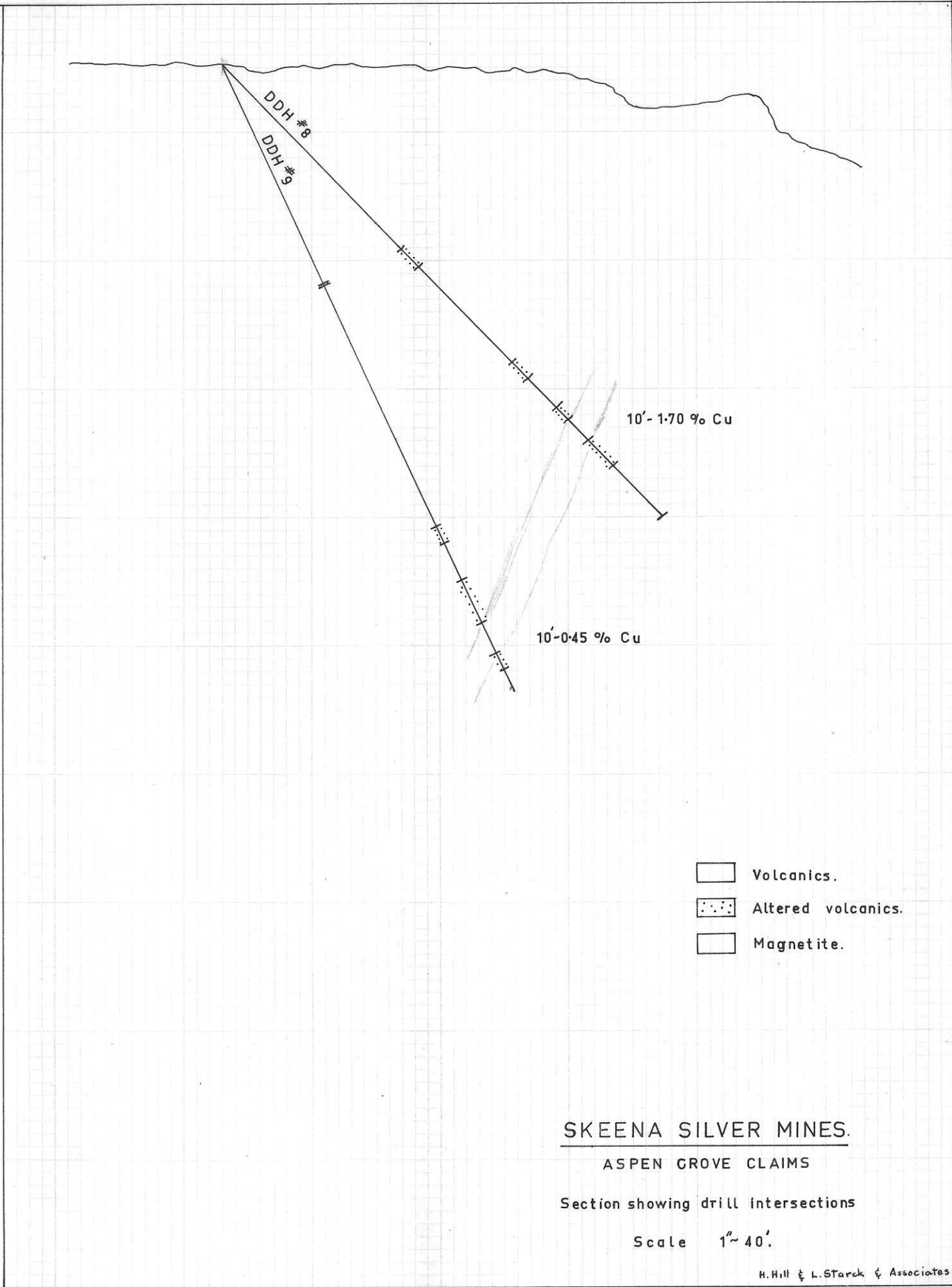
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ASPEN GROVE CLAIMS

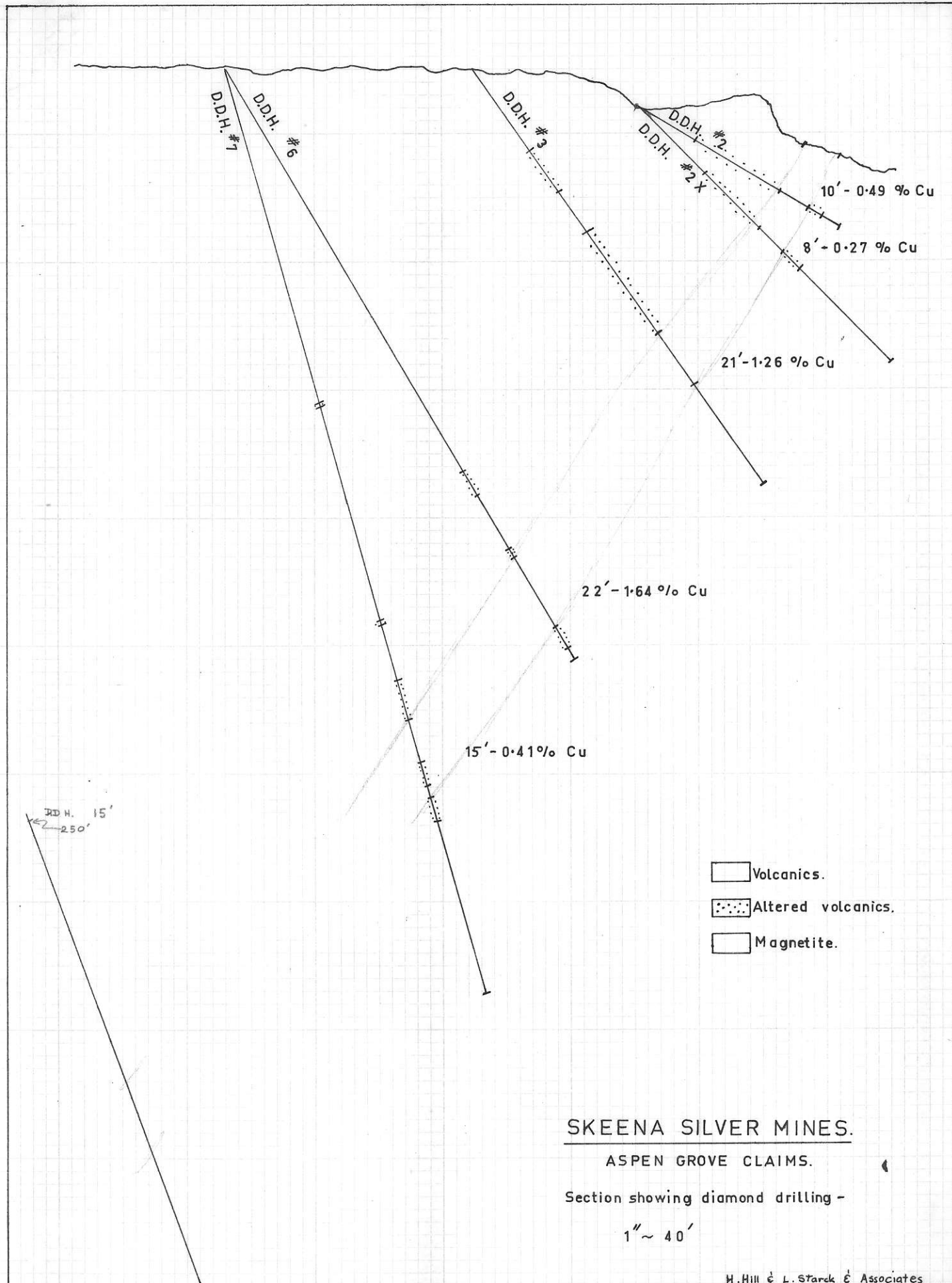
Section showing drill intersections.

Scale 1" ~ 40'

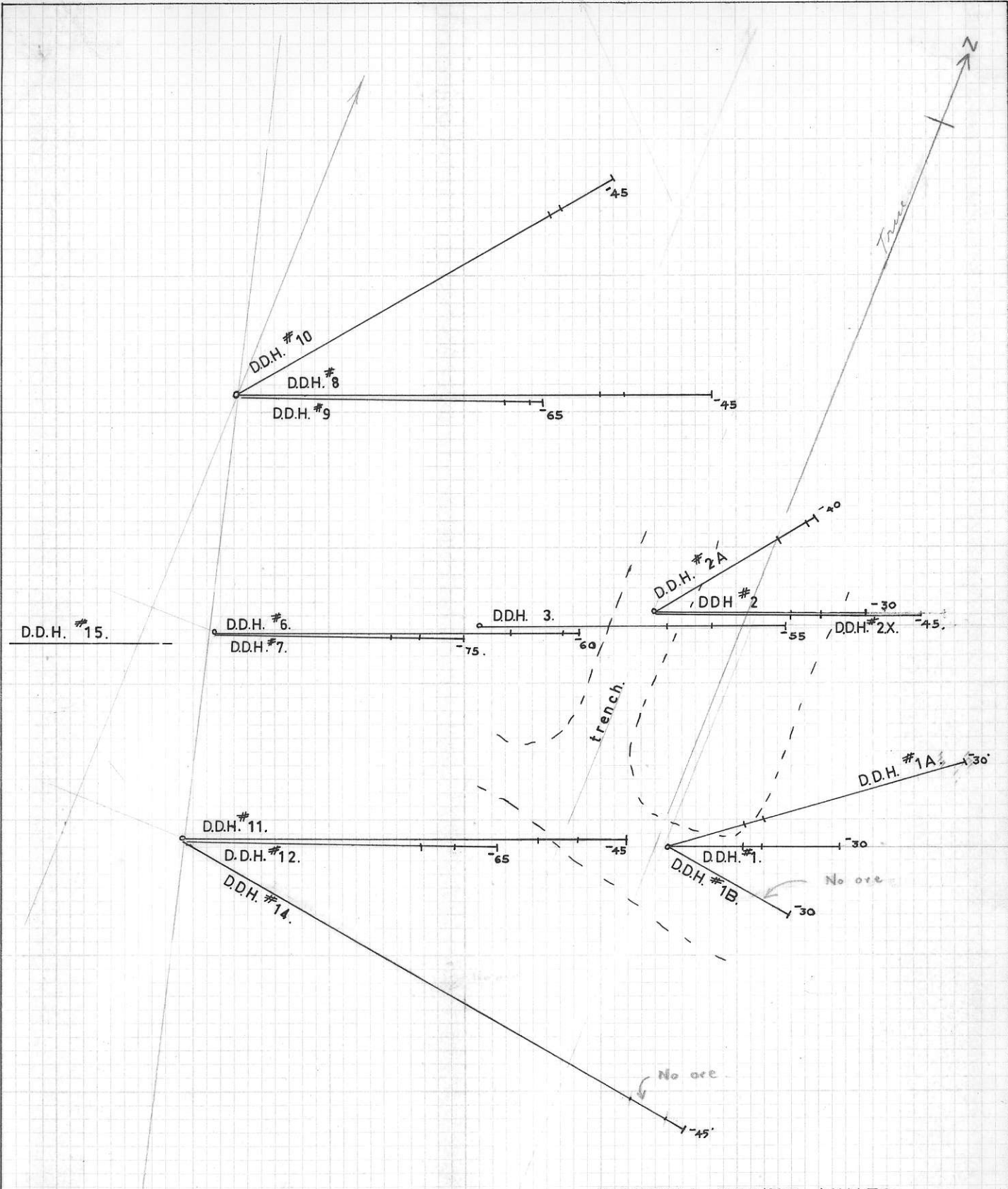
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**SKEENA SILVER MINES.**

ASPEN GROVE CLAIMS.

Plan showing Location of drill holes.

Scale 1" = 40'

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