010

Diamond Drilling

Area of Atikwa Lake

Report Nº 14

Work performed by: Apex Consolidated

Claim Nº	Hole Nº	Footage	Date	Note
K 22764	A1		Oct/55	
K 22765	A2		Oct/55	
K 22774	A3		Nov/55	
	A4		Nov/55	
	A5		Nov/55	
	A6-1		Nov/55	
	A6-2		Nov/55	
	A7		Dec/55	
	A8		Dec/55	
	A9		Jan/56	
	A10-12, A11 (unlocated)		Jan/56	
	A12		Feb/56	
	A13		Feb/56	
	A14		Feb/56	
	A15		Feb/56	
	A16		Feb/56	
	A17		Mar/56	
	A18		Mar/56	
	A19		Mar/56	
	A20		Mar/56	
	A21		Mar/56	
	A22		Apr/56	
A23,A24	(unlocated)		Apr, May/56	

10006'

Notes:

APEX CONSOLIDATED RESOURCES LTD. 22764

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 1

SHEET NUMBER 1 SECTION FROM 0 TO 325 STARTED October 15, 1955

LATITUDE _____ DATUM _____ COMPLETED October 19, 195

DEPARTURE _____ BEARING N 50°E ULTIMATE DEPTH 325 '

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 15'	Casing
15 - 51.5'	Andesite
51.5 - 58.5	Andesite with dark spots of developed hornblende
57.5 - 114	Andesite
114-115	Feldspar porphyry
115 - 119	Andesite
119 -120	Feldspar porphyry
120 - 125	Greenstone
125-129	Andesite
129 - 140	Greenstone
140 - 165.5	Speckled and mottled andesites
165.5 - 205	Feldspar porphyry
205 - 254	Speckled and fine grained andesites
254 - 258	Feldspar porphyry
258 - 261	Greenstone
261 - 280	Speckled andesite
280 - 295	Rhyolite porphyry
295 - 325	Speckled andesite

SIGNED W. H. Leaky

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 2

SHEET NUMBER 2 SECTION FROM 0 TO 419 STARTED Oct. 21/55

LATITUDE _____ DATUM _____ COMPLETED Oct. 27/55

DEPARTURE _____ BEARING S 55°W ULTIMATE DEPTH 419'

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 9	Casing
9 - 17	Andesite
17 - 19	No core
19 - 29	Andesite
29- 30	Lost core
30 - 32.5	Andesite
32.5 - 34	Porphyry
34 - 39	Andesite
39 - 49	Greenstone
49 - 77.5	Quartz-feldspar porphyry
77.5 - 100	Andesite
100 - 125	Dark silicious andesite-porphyritic
125 - 129	Massive andesite
129 - 136	Feldspar porphyry
136 - 169	Andesite
169 - 172	Greenstone
172 - 207.5	Andesite
207.5 - 220	Greenstone
220 - 309	Andesite
309 - 321.5	Greenstone with grey spherulites (spotted greenstone)
321.5 - 336	Andesite

SIGNED Victor Cook

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. A 2 (continued)

SHEET NUMBER 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 419

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION
336 - 338	Spotted greenstone
338 - 350	Andesite
350 - 362	Quartz-feldspar porphyry
362 - 395	Silicious andesite
395 - 405	Greenstone
405 - 419	Andesite

SIGNED W. H. Leaky

APEX CONSOLIDATED RESOURCES LTD.

2276 etc.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A3

SHEET NUMBER 4 SECTION FROM 0 TO 342 ft. STARTED Nov. 7/55

LATITUDE _____ DATUM _____ COMPLETED Nov. 10/55

DEPARTURE _____ BEARING 5.30°W ULTIMATE DEPTH 342 ft.

ELEVATION _____ DIP 50°

DEPTH FEET	FORMATION
0 - 8 ft.	Casing
8 - 38	Andesite
38 - 53	Feldspar porphyry
53 - 75	Speckled greenstone
75 - 85	Andesite
85 - 201	Feldspar porphyry
201 - 225	Andesite
225 - 250	Speckled greenstone
250 - 255	Andesite
255 - 268	Amphibolite, well mineralized with pyrrhotite and chalcopyrite
268 - 270	Diorite
270 - 273	Schisted greenstone
273 - 342	Diorite - granodiorite

SIGNED J. A. McAskin

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 4

SHEET NUMBER 5 SECTION FROM 0 TO 196 ft. STARTED Nov. 12/55

LATITUDE _____ DATUM _____ COMPLETED Nov. 16/55

DEPARTURE _____ BEARING S 30°E ULTIMATE DEPTH 196 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 7 ft.	Casing
7 - 25	Diorite
25 - 75	Diorite - granadiorite
75 - 84	Fine grained diorite
84 - 89	Amphibolite
89 - 93	Andesite with developed hornblende
93 - 97	Amphibolite
97 - 100	Fine grained diorite
100 - 105.5	Fine grained diorite with minor disseminated sulphides
105.5 - 108	Porphyry
108 - 111	Fine grained diorite
111 - 196	Hard dense andesite, mostly porphyritic with minor sulphides

SIGNED Wodwleaki

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. A 5

SHEET NUMBER 6 SECTION FROM 0 TO 250 ft. STARTED Nov. 19/55

LATITUDE _____ DATUM _____ COMPLETED Nov. 22/55

DEPARTURE _____ BEARING S.30°E ULTIMATE DEPTH 250 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 25	Casing
25 - 59	Granodiorite
59 - 60	Greenstone
60 - 79	Granodiorite - diorite
79 - 100	Amphibolite, grading into dense and fine grained andesite, becoming porphyritic
100 - 104	Porphyry
104 - 115	Silicious andesite
115 - 121	Speckled andesite
121 - 150	Silicious andesite
150 - 160	Speckled andesite
160 - 250	Fine grained and speckled andesite

SIGNED Wotherspoon

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 6-1

SHEET NUMBER 7 SECTION FROM 0 TO 54 ft. STARTED Nov. 23/55

LATITUDE _____ DATUM _____ COMPLETED Nov. 24/55

DEPARTURE _____ BEARING N. 30°W ULTIMATE DEPTH 54 ft.

ELEVATION _____ DIP 60°

DEPTH FEET	FORMATION
0 - 13	Casing
13 - 36	Diorite
36 - 39	Andesite
39 - 42.5	Diorite
42.5 - 54	Andesite

SIGNED W. H. Leakey

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. A 6 - 2

SHEET NUMBER 8 SECTION FROM 0 TO 325 ft. STARTED Nov. 24/55

LATITUDE _____ DATUM _____ COMPLETED Dec. 1/55

DEPARTURE _____ BEARING S.30°E ULTIMATE DEPTH 325 ft.

ELEVATION _____ DIP 60°

DEPTH FEET	FORMATION
0 - 16	Casing
16 - 24.5	Diorite
24.5 - 25	Feldspar porphyry
25 - 32.5	Diorite
32.5 - 52	Andesite
52 - 62	Granodiorite
62 - 74.5	Andesite
74.5 - 88	Granodiorite - diorite
88 - 95.5	Andesite
95.5 - 183	Granite & Granodiorite
183 - 185	Greenstone
185 - 197	Granodiorite
197 - 213	Amphibolite with minor sulphide mineralization
213 - 218	Porphyry
218 - 223	Fine grained andesite
223 - 224	Lost core
224 - 229.5	Speckled andesite
229.5 - 233	Lost core
233 - 235	Silicious andesite, - porphyritic texture
235 - 238	Lost core
238 - 239	Andesite

SIGNED W. Mackeachan

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. A 6-2 (Continued)

SHEET NUMBER 9 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 325 ft.

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION
239 - 240	Lost core
240 - 250	Silicious andesite - porphyritic texture
250 - 297.5	Feldspar porphyry
297.5 - 300	Dense, silicious andesite
300 - 311	Speckled andesite with minor sulphides
311 - 314	Fine grained andesite
314 - 317	Speckled andesite with minor sulphides
317 - 317.3	Fine grained andesite
317.3 - 323	Speckled andesite with minor sulphides
323 - 325	Fine grained andesite

SIGNED W. Kuleski

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 7

SHEET NUMBER 10 SECTION FROM 0 TO 296 ft. STARTED Dec. 5/55

LATITUDE _____ DATUM _____ COMPLETED Dec. 8/55

DEPARTURE _____ BEARING S.30°E ULTIMATE DEPTH 296 ft.

ELEVATION _____ DIP 60°

DEPTH FEET	FORMATION
-0 - 7	Casing
7 - 17	Andesite with minor iron pyrite
17 - 18	Dense silicious andesite
18 - 21.5	Andesite with minor iron pyrite
21.5 - 24	Dense silicious andesite
24 - 45	Andesite with minor iron pyrite
45 - 52	Granite
52 - 60	Andesite
60 - 84	Granodiorite - diorite
84 - 84.5	Dense, silicious andesite
84.5 - 175	Granodiorite - diorite
175 - 195	Contact phase. Amphibole mineral becoming more pronounced
195 - 206.5	Amphibolite with coarse, chalcopyrite, and pyrrhotite
206.5 - 214.5	Speckled andesite, becoming fine grained. Disseminated sulphides
214.5 - 225	Mostly amphibolite with some andesite. Fair to medium mineralization.
225 - 236	Barren amphibolite
236 - 241	Andesite
241 - 248	Speckled andesite with developed hornblende
248 - 250	Dense grained andesite with minor chalcopyrite
250 - 296	Speckled and dense andesite

SIGNED W. H. Leaker

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-8

SHEET NUMBER 11 SECTION FROM 0 TO 455 ft. STARTED Dec. 9/55

LATITUDE ____ DATUM ____ COMPLETED Dec. 16/55

DEPARTURE ____ BEARING Vertical ULTIMATE DEPTH 455 ft.

ELEVATION ____ DIP 90°

DEPTH FEET	FORMATION
0 - 7	Casing
7 - 9	Andesite with minor iron pyrite
9 - 10	Lost core
10 - 25	Speckled and dense andesite
25 - 42	Greenstone with minor sulphides
42 - 52.5	Speckled andesite
52.5 - 65	Dense, silicious andesite
65 - 80	Speckled andesite
80 - 86	Andesite with developed hornblende
86 - 125	Speckled and dense grained andesite
125 - 140	Gradational contact of andesite and granite
140 - 155	Granite
155 - 160	Greenstone
160 - 162	Granite
162 - 175	Andesite
175 - 179	Granite
179 - 252	Andesite
252 - 255	Lost core
255 - 258	Dense Andesite
258 - 259	Lost core
259 - 282	Dense andesite

SIGNED W. Hulbakin

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. A - 8 (continued

SHEET NUMBER 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 455 ft.

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION
282 - 283	Lost core
283 - 286	Andesite
286 - 289	Lost core
289 - 301	Dense andesite
301 - 302	Lost core
302 - 281	Speckled and fine grained andesite with numerous flow contacts
381 - 381.5	Greenstone
381.5 - 455	Speckled and dense andesite

SIGNED _____

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

8

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-9

SHEET NUMBER 13 SECTION FROM 0 TO 421 ft. STARTED Jan. 4/56

LATITUDE _____ DATUM _____ COMPLETED Jan. 6/56

DEPARTURE _____ BEARING S.30°E ULTIMATE DEPTH 421 ft.

ELEVATION _____ DIP 60°

DEPTH FEET	FORMATION
- 0 - 9	Casing
9 - 80	Speckled and dense andesite
80 - 84	Feldspar porphyry
84 - 117	Fine grained andesite with feldspathic spherulites in part
130 - 150	Granite - Seyenite
150 - 172	Feldspar porphyry
172 - 173	Greenstone
173 - 184	Porphyry
184 - 190	Andesite
190 - 193	Porphyry
193 - 196	Andesite
196 - 211	Porphyry
211 - 220	Gabbro
220 - 250	Andesite
250 - 272	Gabbro
272 - 311	Andesite
311 - 313	Greenstone
313 - 325	Diorite
325 - 332	Gabbro
332 - 421	Andesite

SIGNED W. H. Leaker

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 10-1

SHEET NUMBER 14 SECTION FROM 0 TO 64 ft. STARTED Jan. 9/56

LATITUDE _____ DATUM _____ COMPLETED Jan. 11/56

DEPARTURE _____ BEARING S. 60°W ULTIMATE DEPTH ~~142xFt~~ 64

ELEVATION _____ DIP 50°

DEPTH FEET	FORMATION
0 - 64	Overburden - no ledge

SIGNED W. Hulcaken.

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A 10-2

SHEET NUMBER 15 SECTION FROM 0 TO 542 ft. STARTED Jan. 13/56

LATITUDE _____ DATUM _____ COMPLETED Jan. 24/56

DEPARTURE _____ BEARING S.60°W ULTIMATE DEPTH 542 ft.

ELEVATION _____ DIP 50°

DEPTH FEET	FORMATION
0 - 85	Casing
85 - 201.5	Diorite
201.5 - 215.5	Andesite
215.5 - 219	Diorite
219 - 225	Andesite
225 - 269	Granodiorite - diorite
269 - 270	Greenstone
270 - 320	Diorite
320 - 328	Andesite with rusty fractures
328 - 330	Diorite
330 - 331	Greenstone
331 - 332	Diorite
332 - 339	Greenstone
339 - 385	Diorite
385 - 387.5	Greenstone
387.5 - 406	Diorite - three inches of greenstone at 397 ft.
406 - 406.5	Greenstone
406.5 - 454	Diorite
454 - 470	Andesite
470 - 542	Diorite

SIGNED W. Whitcaker

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-11

SHEET NUMBER 16 SECTION FROM 0 TO 328 ft. STARTED Jan. 31/56

LATITUDE _____ DATUM _____ COMPLETED Feb. 3/56

DEPARTURE _____ BEARING N.60°E ULTIMATE DEPTH 328 ft.

ELEVATION _____ DIP 60°

DEPTH FEET	FORMATION
0-17	Casing
17 - 126	Andesite with rusty fractures
126 - 156.5	Banded chloritized schist with some quartz and minor iron pyrite
156.5 - 161.5	Lost core
161.5 - 163	Banded chlorite schist
163 - 168	Diorite
168 - 170	Lost core
170 - 178	Diorite
178 - 179.5	Andesite
179.5 - 184	Diorite
184 - 207	Diorite with minor disseminated sulphides
207 - 217	Andesite with minor disseminated sulphides
217 - 230	Diorite with minor disseminated sulphides
230 - 242	Feldspar porphyry
242 - 266.5	Diorite with minor disseminated sulphides
266.5 - 267	Greenstone
267 - 290	Diorite with disseminated sulphides
290 - 306	Medium grained andesite
306 - 309	Diorite with minor disseminated sulphides
309 - 328	Feldspar porphyry

SIGNED W. Stutchbury

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-12

SHEET NUMBER 17 SECTION FROM 0 TO 320 ft. STARTED Feb. 6/56

LATITUDE _____ DATUM _____ COMPLETED Feb. 9/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 320 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 10	Casing
10 - 134	Dense, fine grained and speckled andesite
134 - 149	Granite porphyry dyke
149 - 150	Lamprophyre
150 - 157.5	fine grained andesite
157.5 - 167	Andesite with developed hornblende (Hornblende porphyry)
167 - 175	Andesite
175 - 225	Andesite with disseminated sulphides, mostly Fe S_2-minor chalcopyrite-pyrrhotite
225 - 225.5	Fine grained andesite
225.5 - 228	Amphibolite, with coarse, disseminated chalcopyrite
228 - 265	Amphibolite, grading into andesite with coarse disseminated sulphides
265 - 275	Altered andesite - coarse sulphides in part
275 - 313	Granodiorite
313 - 313.5	Lost core
313.5 - 315	Granodiorite
315 - 316	Gractured andesite
316 - 316.5	Lost core
316.5 - 320	Andesite

SIGNED W. Hutcheaki

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.13

SHEET NUMBER 18 SECTION FROM 0 TO 404 STARTED Feb. 10/56

LATITUDE _____ DATUM _____ COMPLETED Feb. 13/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 404 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 11	Casing
11 - 92	Andesite with rusty fractures - minor sulphides
92 - 100	Basalt
100 - 118	Medium grained andesite
118 - 119	Feldspar porphyry
119 - 137	Andesite
137 - 141	Amphibole rich granite porphyry
141-142	Lost core
142 - 143	Amphibole rich granite porphyry
143 - 150	Greenstone. Talcose slips (Fault)
150 - 164.5	Andesite
164.5 - 165	Lost core
165 - 167	Andesite
167 - 169	Talcose. Greenstone schist
169 - 170	Lost core
170 - 173.5	Greenstone and amphibolite. Low Cu. (Fault)
173.5 - 174	Lost core
174 - 195	Amphibolite - some greenstone. Low to fair Cu.
195 - 303	Granodiorite - diorite
303 - 308	Andesite
308 - 314	Diorite

SIGNED W. Hubbard

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-13 (continued)

SHEET NUMBER 19 SECTION FROM ____ TO ____ STARTED Feb. 10/56

LATITUDE ____ DATUM ____ COMPLETED Feb. 13/56

DEPARTURE ____ BEARING N.30°W ULTIMATE DEPTH 404 ft.

ELEVATION ____ DIP 45°

DEPTH FEET	FORMATION
314 - 319	Andesite
319 - 357	Granodiorite - diorite
357 - 372	Andesite
372 - 404	Granodiorite - diorite

SIGNED ____

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-14

SHEET NUMBER 20 SECTION FROM 0 TO 362' STARTED Feb. 15/56

LATITUDE _____ DATUM _____ COMPLETED Feb. 18/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 362 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 15	Casing
15 - 100	Silicious amphibolite
100 - 125	Porphyry (Feldspar phenocrysts in amphibole matrix)
125 - 127	Amphibolite
127 - 130	Andesite
130 - 135	Amphibolite
135 - 212	Diorite
212 - 213	Greenstone
213 - 230	Amphibolite. Small cubes of iron pyrite
230 - 235	Granodiorite
235 - 238	Amphibolite
238 - 241	Silicious greenstone
241 - 245	Amphibolite
245 - 362	Granodiorite - diorite

SIGNED [signature]

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-15

SHEET NUMBER 21 SECTION FROM 0 TO 407 ft. STARTED Feb. 21/56

LATITUDE _____ DATUM _____ COMPLETED Feb. 24/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 407 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 17	Casing
17 - 50	Ampnibolite - slipage
50 - 75	Feldspar porphyry grading to speckled andesite
75 - 83	Amphibolite
83 - 150	Speckled and dense andesite
150 - 181	Andesite - basaltic in part
181 - 185	Feldspar porphyry
185 - 330	Speckled andesite. Minor Fe S2
330 - 344	Hornblende prophyry
344 - 355	Granitic inclusions in altered andesite (Rhyolite)
355 - 365	Granitic inclusions in amphibole and greenstone matrix
365 - 370	Lamprophyre
370 - 385	Andesite; highly silicified; well mineralized with Fe S2
385 - 407	Andesite

SIGNED W. Thulcaster

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

8

PROPERTY APEX CONSOLIDATED RESOURCES LTD. **HOLE NO.** A-16

SHEET NUMBER 22 SECTION FROM 0 TO 494 STARTED Feb. 27/56

LATITUDE _____ DATUM _____ COMPLETED Mar. 1/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 494

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 9	Casing
9 - 17	Spotted greenstone Minor Fe S2 one spot of Cu
17 - 38	Andesite. Minor Fe S2 in part
38 - 45	Andesite with developed hornblende crystals (porphyry)
45 - 128	Andesite with minor sulphides in part.
128 - 130	Feldspar porphyry
130 - 150	Speckled andesite
150 - 175	Silicious andesite - minor sulphides
175 - 182	Andesite-talcose slip.
182 - 210	Ampnibolite - spotted in part.
210 - 211	Lost core.
211 - 237	Amphibolite - spotted.
237 - 238	Lost core.
238 - 287	Amphibolite
287 - 287.5	Lost core.
287.5 - 345'9"	Amphibolite
345'9"-347'9"	Amphibolite - porphyritic - coarse sulphides.
347'9"-373	Amphibolite.
373 - 376	Andesite
376 - 400	Amphibolite.
400 - 403	Greenstone - flow structure.
403 - 494	Diorite - Granodiorite

SIGNED Witt Leake

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

8

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.17

SHEET NUMBER 23 SECTION FROM 0 TO 631 STARTED Mar. 1/56

LATITUDE _____ DATUM _____ COMPLETED Mar. 7/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 631 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
0 - 25	Casing
25 - 50	Amphibolite - slipage
50 - 120	Mottled ampnibolite.
120 - 125	Andesite with granitic inclusions - minor sulphides.
125 - 300	Andesite.
300 - 350	Greenstone and andesite with developed hornblende.
350 - 420	Dense and speckled andesite.
420 - 440	Porphyry.
440 - 575	Speckled and dense andesite.
575 - 600	Andesite - amphibolite rich.
600 - 631	Andesite.

SIGNED W. Stuteaker

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.18

SHEET NUMBER 24 SECTION FROM 0 TO 453 STARTED Mar. 9/56

LATITUDE _____ DATUM _____ COMPLETED Mar. 12/56

DEPARTURE _____ BEARING N.30°W ULTIMATE DEPTH 453 ft.

ELEVATION _____ DIP 45°

DEPTH FEET	FORMATION
o - 11	Casing
11 - 130	Speckled and fine grained andesite - minor Fe S2 in part.
130 - 131	Feldspar porphyry.
131 - 157	Andesite - minor sulphides - specks of Cu.
157 - 175	Granite prophyry - Amphibolite matrix.
175 - 176	Coarse amphibolite - barren.
176 - 195	Andesite.
195 - 209	Coarse amphibolite.
209 - 210	Wood
210 - 211	Coarse amphibolite.
211 - 212	Lost core.
212 - 228	Amphibolite.
228 - 230	Lost core.
230 - 244	Amphibolite - mineralized.
244 - 250	Andesite.
250 - 320	Gradational contact. Amphibole rich granite porphyry.
320 - 340	Diorite - granodiorite.
340 - 361	Andesite.
361 - 419	Diorite - granodiorite.
419 - 453	Andesite.

SIGNED W. Thulcaken

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.19

SHEET NUMBER 25 SECTION FROM 0 TO 331 ft. STARTED March 13/56

LATITUDE ____ DATUM ____ COMPLETED March 15/56

DEPARTURE ____ BEARING N. 30°W ULTIMATE DEPTH 331 ft.

ELEVATION ____ DIP 45°

DEPTH FEET	FORMATION
0 - 7	Casing.
7 - 175	Speckled and fine grained andesite.
175 - 208	Andesite - porphyritic in part - amphibolite rich.
208 - 225	Amphibolite - coarse sulphides.
225 - 246	Amphibolite - barren.
246 - 324	Diorite - granodiorite.
324 - 331	Andesite.

SIGNED W. Thulcaka.

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.20

SHEET NUMBER 26 SECTION FROM 0 TO 445 ft. STARTED Mar. 17/56

LATITUDE DATUM COMPLETED Mar. 20/56

DEPARTURE BEARING S. 30°E ULTIMATE DEPTH 445 ft.

ELEVATION DIP 45°

DEPTH FEET	FORMATION
0 - 11	Casing
11 - 16	Diorite
16 - 20	Fractured andesite.
20 - 24	Diorite
24 - 26	Andesite
26 - 77	Diorite
77 - 78	Greenstone.
78 - 211.5	Diorite - granodiorite.
221.5-213.5	Porphyry.
213.5 - 235	Diorite.
235 - 238	Diorite with developed hornblende.
238 - 242	Diorite.
242 - 251	Andesite with developed hornblende.
251 - 304.5	Diorite.
304.5 - 316	Andesite.
316 - 338.5	Diorite.
338.5 - 340	Andesite.
340 - 356	Diorite.
356 - 370	Amphibolite. Some coarse chalcos. Low values.
370 - 392.5	Amphibolite - barren
392.5 - 400	Andesite.
400 - 410	Rhyolite.
410 - 445	Andesite.

SIGNED W. Thulcoaker

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-21

SHEET NUMBER 27 SECTION FROM 0 TO 390 ft. STARTED Mar. 22/56

LATITUDE ____ DATUM ____ COMPLETED April 10/56

DEPARTURE ____ BEARING S.30°E ULTIMATE DEPTH 390 ft.

ELEVATION ____ DIP 45°

DEPTH FEET	FORMATION
0 - 19	Casing
19 - 95	Diorite
95 - 96	Andesite.
96 - 99	Diorite.
99 - 100	Diorite - Andesite contact lengthwise along core.
100 - 105	Spherulitic andesite.
105 - 148	Diorite.
148 - 150	Feldspar porphyry.
150 - 156	Hornblende - feldspar prophyry.
156 - 195	Diorite.
195 - 200	Andesite.
200 - 202.5	Diorite.
202.5-212.5	Andesite with developed hornblende spots.
212.5 - 214	Diorite.
214 - 214.5	Porphyry.
214.5 - 217.5	Diorite.
217.5-218.5	Porphyry.
218.5 - 241	Diorite.
241 - 253	Andesite.
253 - 298.5	Diorite.
298.5 - 300	Dense andesite.

SIGNED W. W. Leakey

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A-21 (continued)

SHEET NUMBER 28 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION
300 - 301	Diorite.
301 - 303	Andesite.
303 - 353	Diorite - amphibole rich in part.
353 - 354	Andesite.
354 - 271	Amphibolite - disseminated coarse chalcopyrite.
371 - 390	Speckled and dense andesite.

SIGNED W. H. Leaky

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.22

SHEET NUMBER 29 SECTION FROM 0 TO 510 ft. STARTED April 14/56

LATITUDE ____ DATUM ____ COMPLETED April 17/56

DEPARTURE ____ BEARING S.30°E ULTIMATE DEPTH 510 ft.

ELEVATION ____ DIP 45°

DEPTH FEET	FORMATION
0 - 9	Casing
9 - 25	Andesite cut by small rhyolite porphyry dyke.
25 - 63	Andesite and greenstone.
63 - 75	Speckled andesite.
75 - 79	Porphyritic rhyolite.
79 - 117	Andesite, mottled and streaked with acidic inclusions.
117 - 124	Speckled andesite.
124 - 127	Feldspar porphyry.
127 - 340	Andesite - medium and dense grained, and speckled.
340 - 351	Diorite.
351 - 362.5	Andesite.
362.5-372.5	Diorite.
372.5 - 381	Andesite.
381 - 445.5	Diorite with 2 inches of andesite at 406, 6 inches at 411 and 12 inches at 414.
445.5 - 461	Amphibolite, serpentine along slips. Lightly disseminated chalco in part.
361 - 375	Andesite.
475 - 475.5	Andesite with heavy sulphides, some chalco.
475.5-510	Speckled and dense andesite.

SIGNED W. Strudeaken

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.23

SHEET NUMBER 30 SECTION FROM 0 TO 950 ft. STARTED April 20/56

LATITUDE DATUM COMPLETED April 28/56

DEPARTURE BEARING S.30°E ULTIMATE DEPTH 950 ft.

ELEVATION DIP 45°

DEPTH FEET	FORMATION
0 - 11	Casing
11 - 67	Speckled andesite.
67 - 70	Spotted andesite.
70 - 80	Speckled andesite.
80 - 84	Andesite with developed hornblende spots.
84 - 128.5	Speckled andesite.
128.5 - 169	Andesites of different texture with flow contacts at 128.5, 133.5, 169.
169 - 172	Porphyry.
172 - 178	Rhyolite.
178 - 179	Porphyry.
179 - 309	Andesites of different texture with flow contacts at 211 - 214 - 300.
309 - 315.5	Granite porphyry.
315.5 - 480	Andesites of different texture with flow contacts at 378.5 - 381.
480 - 484	Feldspar porphyry.
484 - 552.5	Dark Andesites and grey andesites of different texture.
552.5-558.5	Feldspar porphyry.
558.5 - 762	Andesite flows of varying texture.
762 - 764	Lost core.
764 - 822	Black and grey andesite of varying texture.
822 - 824	Lost core.
824 - 833	Andesite.

SIGNED W. H. Leaky

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.23 (continued)

SHEET NUMBER 31 SECTION FROM 0 TO 950 ft. STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP

DEPTH FEET	FORMATION
833 - 846	Rhyolite.
846 - 894	Black and grey andesites of varying texture. Flow contact at 887.
894 - 898	Andesite with developed hornblende spots.
898 - 926	Fine grained andesite.
926 - 933.5	Andesite becoming amphibole rich. Contact at 933.5
933.5 - 950	Dark speckled andesite with light grey spots.

SIGNED W. Stuart Leake.

APEX CONSOLIDATED RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY APEX CONSOLIDATED RESOURCES LTD. HOLE NO. A.24

SHEET NUMBER 32 SECTION FROM 0 TO 310 ft. STARTED May 1/56

LATITUDE DATUM COMPLETED May 3/56

DEPARTURE BEARING N.60°W ULTIMATE DEPTH 310 ft.

ELEVATION DIP 45°

DEPTH FEET	FORMATION
0 - 9	Casing
9 - 53	Black and grey andesite.
53 - 54	Greenstone.
54 - 65	Rhyolite porphyry.
65 - 94	Black and grey andesite. 2 inch quartz stringer at 94 ft.
94 - 290	Black and grey andesites of varying testure.
290 - 298.5	Grey andesite with developed hornblende spots.
298.5 - 300	Dense andesite.
300 - 307	Grey andesite with developed hornblende spots.
307 - 310	Speckled andesite.

SIGNED W. Peatie

APEX CONSOLIDATED RESOUR ES LTD.

ATIKWA LAKE AREA

KENORA ONTARIO

Scale: 4 inches = 1 mile

24 - 310' [illegible] N 60° W -45°
25 1263' " S 60°W -45°
26 235' " S 60° W -45°
27 315' " N 60° W -60° W [illegible]

N
W E
S

SHOULDER ISLAND

ATIKWA LAKE

K22725 K22724
K22726 K22731
K22727 K22730
K22728 K22729
K22763 K22762 K22761 K22760
K.22764 K.22765 K22766 K22767
K.22771 K.22770 K22769 K22768 K22792
K.22772 K.22774 K22775 K22776 K22813 K22798
K.22773 K22812 K22814
K22811 K22815
K22810 K22807
K22809 K22808

Location of drilling by APEX CONSOL-RES.

TURTLE LAKE

Idealized sketch of a group of ninty three unsurveyed mining claims showing the numbers of the claims on which ten thousand feet of diamond drilling, size A.X.T. (1⅝ inch) was performed during the winter of 1955-1956 by the N. Morissette Diamond Drilling Co. at [illegible], Ontario, on behalf of Apex Consolidated Resources Ltd.

K.22774

Base Line

18+00 S

21+00 S

24+00 S

A 1. 60°

A 2 90°

A 3. 45°

A 4 45°

A 5 45°

A 6. 60°

A 7 45°

A 8 45°

A 9 45°

A 10. 45°

A 11 45°

A 12. 45°

A 13 45°

A 14 45°

A 15 45°

A 17 45°

A 22 45°

A 21 45°

A 30 45°

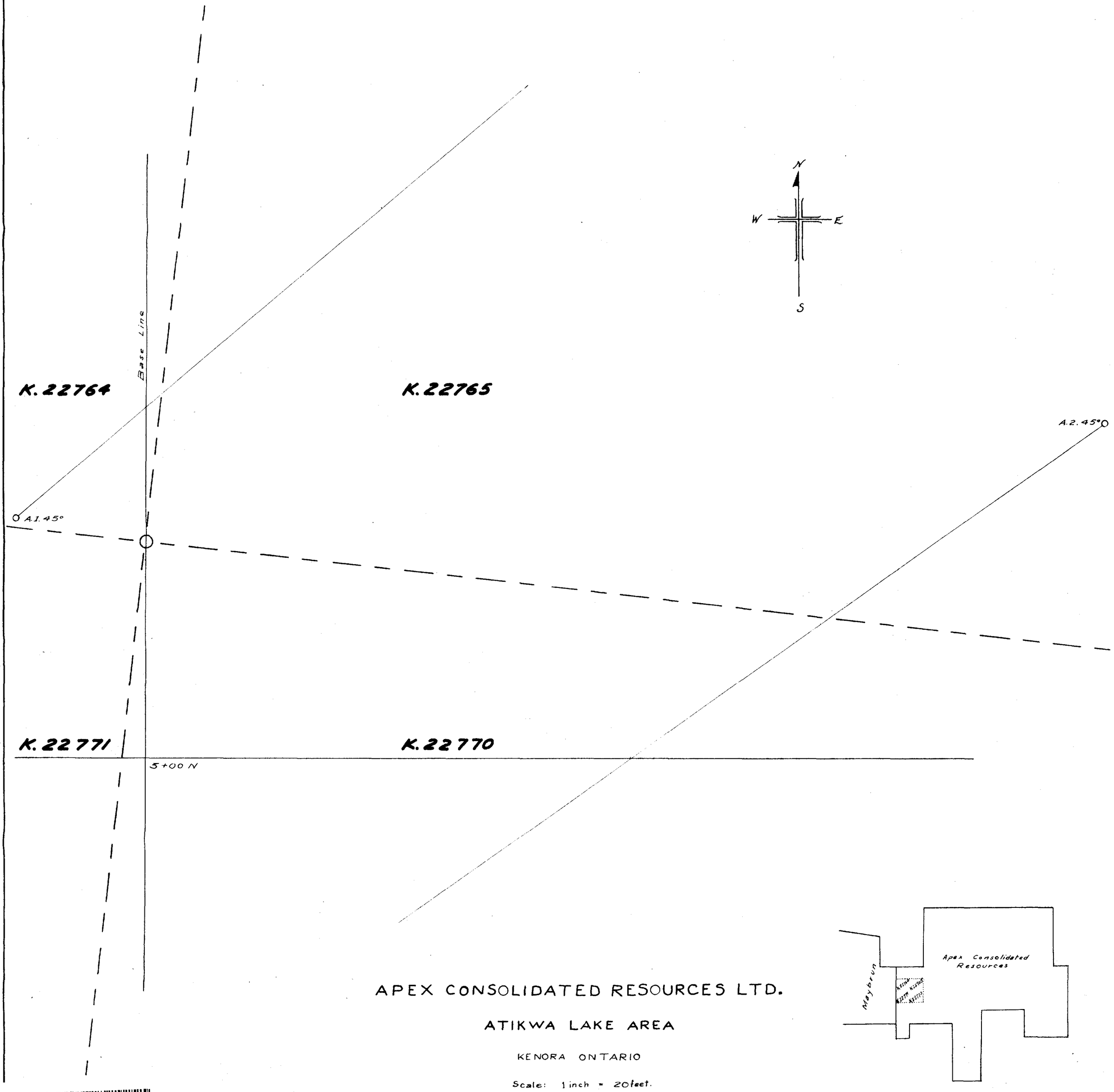
A 34

A 40

A 49 45°

Trench

THE AMPHIBOLITE ZONE



APEX CONSOLIDATED RESOURCES LTD.

ATIKWA LAKE AREA

KENORA ONTARIO

Scale: 1 inch = 20 feet.

W. H. Meakin May 1956