810120

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 1 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
0	Overburden	Overburden 0-62', casing									
		Commence ~~BQ (wireline)~~ coring at 62'									
62										62	Hairline calcite vns. on fractures
64	Box 1 62'-83.5 21.5/25 = 86.0 recovery	Med. grained subporph. Endako qtz. monzonite. Fresh to weak argillic alteration of plag. -cores of plag. phenos									
66										65	Hairline, blebs of pyrite on fractures
68		soft, green. Biotite fresh to partially chloritized.								67	Tr. pyrite on fractures
70		Red hematite pseudomorphs after biotite, rarely.								70-73	Fine diss. magnetite near inclusions
72		Irreg. grey ½" feldspathic dyke at 66.5'. Plag.									
74		alteration more intense along small fractures.								73.5	Hairline pyrite, shearing at 40°
76		Vuggy calcite-lined fractures. 75'-84' plag. cores								75.5 76.	2 x hairline calcite at 50° Tr. pyrite on fractures.
78		alteration to green kaolin + red hematite stain.								77. 78.5	1/16" calcite on 60° fract. Hairline pyrite on 90° fract.
80		Calcite & minor qtz-filled fractures common.								80.0 81.5	Hairline pyrite on 65° fract. Hairline pyrite on 90° fract.
82		K-spar fresh and unaltered throughout.								82-83	3 x rusty calcite veinlets at 40°-60°

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 2 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
84	Recovery 22/25= 88.0% Box 2 - 83.5'-105.5'	Med. grained Endako Q.M. Fresh to very weak								84.5'	1/32" calcite at 35°
86		argillic alt. 84'-86': few plag. grains repl.								86.5'	Pyrite on 90° fract.
88		by red hematite. Most plag. green cores. Same.								88.0'	Hairline calcite at 15°
90		Fresh Endako Q.M. plag. hard, green & some hematite pseudo's.								89.2' 90.1	Pyrite on 90° fract. Tr. pyrite on 70° fract. & minor qtz.
92		Same								90.5	1/32" calcite at 25°.
94		Fresh Endako Q.M. Minor red hematite on fracts.								93.	Hairline calcite at 50°.
96		Same									
98		Fresh med. grained Endako Q.M. Plag. green hard. Tr. hematite stain.								98.5' 99.	Vuggy 1/16" calcite vn. at 20° 1/32" calcite vein at 15°
100		Several close-spaced fractures at 99.5'								100. 101.5	Barren fracts. at 20° Small fault, gouge at 20°
102		Vuggy calcite-filled fracts. // core axis. Plag. green, hard.								103.5	Shearing, with calcite, at 45°
104		Fresh med. grained End. Q.M. Vuggy calcite-filled fracts. at 104.5'									
106		Plag. cores soft, green; rims white. Biotite fresh.									
108		Same								108-109	6-barren fracts. at 70°
110	Box 3	Weak argillic altn. of plag. pervasive. Sheared zone below.									
112		2" gouge at 112'. Red hematite in plag. along fracts.								111	1 grain pyrite in fract.
114		Broken core, Fe stain 112'-114'. No mineralization.									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 3 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
116	Box 3 105.5'-128' 22.5/25=90.0% Rec.	Fresh End. Q.M. Plag. cores hard, green, biotite fresh								116	4 fract. 70'-85'. minor calc.
118		Same									
120		Vuggy fract. rock fresh. 120-121' broken core								118.5	Black gouge. Tr. pyrite on 50° fract.
122		Fresh End. Q.M. Diss. pyrite in inclusion								119.5	Pyrite on 85 fract. & calcite at 50°
124		Plag. cores soft, green.								121	Pyrite, hematite on fracts.
126		Core broken. Calcite veinlets. Minor rust.								122	Diss. pyrite in inclusions.
128		Fresh End. Q.M.								123	Pyrite on 80° fracts.
130		Same. Core broken 129'-130'.								125	Hairline calcite at 10°.
132		Numerous small fract. Plag. white, soft.								129.5'	Tr. Pyrite on fract.
134		Plag. green, soft. Tr. pyrite.								131.5	2-pyrite on fracts. at 70° 80°
136		Same.								133.	Calcite veinlets
138	Box 4 128-150.5 22.5/25= 90.0% Recovery	Fresh Endako Q.M.								137.5'	Pyrite on 80° fract.
140		Same. Shearing at 140'. Hematite stain.								139.	Pyrite on 70° fract.
142		Shearing at 142'.								142	Pyrite on 15° fract.
144		Fresh Endako Q.M.								143	Magnetite grains.
146		Same.								144.5	2x1/16" calcite vns. at 20°
										145	Pyrite on 80° fract.

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 4 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
148	Box 4 150.5	Broken core 147/5'-150' Plag. green, soft.									None
150		Fresh Endako Q.M.									None
152		Same. Few hairline calcite veinlets.									Random hairline calcite
154		Same. Core broken 153'-154'								155.5	Pyrite on 80° fract.
156		Weak kaolinitic altn. plag.-soft green cores									
158		Same.								158.5	Pyrite & 1/32" calcite at 40°
160	Box 5 150.5'-175.5' Recovery 25/25= 100%	Core broken 159'-16-'. Weak kaolinitic altn.									
162		Core broken, weakly altered 161'-162'									
164		Intensely sheared, granulated core 162'-164'									
166		Core broken,weakly altered, small shear 30° at 166'.									
168		Small shear 40°at 167'. Weak kaolinitic altn.								167.8'	Pyrite on 70° fract. Minor calcite
170		169'-173.5' intense shearing, mainly at 45°									
172		Plag. soft, white, specs. of red hematite									
174		stain. No mineralization.									
176		Weak shearing, alteration-kaolin & hematite + broken core 173.5'-176.3'									
178	Box 6	4" inclusion at 178'. Endako Q.M. fresh.									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 5 of 10 SECTION FROM ____ TO ____ STARTED July 29/70

LATITUDE ____ DATUM ____ COMPLETED July 31/70

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH 343'

ELEVATION ____ DIP Vertical PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
180	Box 6 175.5'-197.5' Recovery: 22/25= 88.0%	Broken core 178'-180'. Plag. green.									
182		Broken core 181'-183'. Plag. soft, green to 182.								181'	Hairline calcite at 45°
184		Rock fresh at 184'. Plag. cores green, hard.									
186		Fresh Endako Q.M.								186'	Hairline calcite at 30°
188		Fresh. Hematite stain on fracts.									
190		Sheared, white altered granite 188'-189'. Shearing at 30°.									
192		Fracts. at 10°. Broken core 190.5'-192.									
194		Core broken, slightly sheard. Plag. soft, white, Minor hematite.								194'	Pyrite on fract. at 85°
196		Fractures at 5°-10°. Minor shearing.								194.5' 195	Pyrite on fract. at 80° Vuggy calcite at 10°,
198	*	Core broken. Weak kaolin altn. Plag. soft, green.									pyrite on fract. at 80°
200		Fracts. parallel & perp. core at 199'. Weak altn. local.									
202		Fresh. Core broken, weak altn. 202'-203'									
204		Shearing at 80° 203'-204'. Epidote altn. plag. at 203'									
206	Box 7	White altered plag. minor shearing at 205'.									
208		Core broken 207'-210'. Weak kaolin. altn.									
210		Same								210'	Pyrite on fract. at 70°

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 6 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
212	Box 7 197.5-221 Rec. 23.5/25=94%	Minor shearing weak altn. 212'-213'									
214		Small shear at 214'. Plag. greenish									
216		Weak kaolin altn. to fresh.								215	2 x pyrite on fracts at 75°
										216	Pyrite on fract. at 70°
218		Fresh Endako Q.M.									
220		Same.								218'-220'	Traces of pryite on small fractures.
222		Same. 1" aplite at 45°.									
224		Plag. green. Small 45° shear at 223'. Red hematite on fracts.									
226		Plag. green, hard. Rock quite fresh. Hematite on fracts.								225.5'	Pyrite & minor Mo. on 80° fract.
228		Same.								226	2x pyrite & tr. Mo. on 75°-85° fract.
230		Plag. unaltered, rock fresh.								226.5-227.5	Pyrite & Tr. Mo. on 80°-90° fract.
232	Box 8 221-243' Recovery 22/25= 88%	Fresh. Fracturing at 45° at 230.5', minor altn.								229.5	Hairline qtz-pyrite minor Mo. at 85°.
234		233.5'-234' -6" aplite at 90°. Endako Q.M. fresh.								232	Pyrite at 85°.
236		Fresh. Minor hairline calcite at 30°.									
238		238'-239' shearing at 45°, kaolinitic altn.									
240		Fresh. Hairline calcite at 30°, 40°.								239.5	Hairline calcite at 20°
242		Grey inclusions at 240' and 241'.									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 7 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
244	Box 8	243 end of Box 8. Core broken, weak altn. 242-242.5'									
246		Fresh End. Q.M. to 245'. Sheared, broken core. Kaolinitic									
248		altn., poor recovery from									
250		245' through									
252	Box 9 243'-269' = 25/26 96% Recovery	to 253'. Shearin g at 30° 252'-253'.									
254		Fresh to very weak alteration.									
256		Fresh. Fractures at 0° and 90°.									
258		Fresh. Small fractures at 70°, 80°.									
260		258-258.5' shear zone at 60°. Inclusion at 259.									
262		261' shearing at 60°. Rock fresh.									
264		Fresh. Core broken, shearing at 262.5'.									
266		Weak argillic altn. plag. soft, whitish.									
268		Rock fresh. Broken at 269' - end of Box 9									
270	Box 10	Intense shearing 270'-290'. Shears at 60°.									
272		Sheared, altered. Hematite stain.									
274		1" aplites at 274', 275'. Sheared									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 8 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
276	Box 10 269'-291.5' 22.5/25-90% Recovery	Shearing at 30°. Hematite									
278		Sheared									
280		Sheared. Rock pulverized 279'-281'.									
282		Unsheared section 281.5'-282. Rock fresh.									
284		282'-283' pulverized. 283-284' unsheared.									
286		284'-286' intense shears at 75°. Hematite stain.								285.5'	2-1/8" calcite veins.
288		Unsheared fresh rock 286'-287'.									
290		Weakly altered, sheared at 45°-60°, blocky.									
292		Pulverized at 290'. Broken core to 291.5. End of Box 10.									
294		292' shearing at 15°-20°. 294' shearing at 45°-60°.									
296		294'-300' intense shearing. Hematite stains. Weak altn.									
298		Pulverized core.									
300	Box 11	Pulverized to 299'. Broken to 300.5' Hematite stain.									
302		Broken core. Fresh, unmineralized.									
304		303'-304' sheared at 45°-60°, pulverized.								303	1/16" calcite vein at 30°.
306		305.5'-307.5' shearing at 30°, pulverized.									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 9 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
308	Box 11 291.5-313. 22/25= 88%	Fracturing at 30°. Weak altn. plag. white, soft.									
310		Fracturing at 30°. minor calcite, Fe stain.									
312		Broken sheared core, shearing at 30°.									
314		Core pulverized, sheared altered to end. Box 11 at 313.5'									
316		Core broken, jointed, weak altn. of plag.								317	Pyrite on 30° fractures.
318		Core broken, pyrite at 317'. Fe stain, weak altn. of plag.									
320		Intense shearing at 45°-60°; 318'-327'. Fe stain, poor recovery.									
322		Sheared & pulverized.									
324		Sheared & pulverized.									
326		Sheared & pulverized.									
328		Core broken, plag. greenish.								328.5'	Hairline calcite at 60°.
330		Same.									
332	Box 12 313.5'-340' 25/26.5 = 94.4% Recovery	Core broken, joints at 45°. Fresh.								331'	Pyrite on 85° fractures.
334		15' fract. at 333'. Rock fresh.									
336		Core broken 334'-335'. Sheared, weak altn. Red hematite.									
338		Stained shear at 336'. 336'-338' - Fresh.									

DIAMOND DRILL RECORD,

HOLE NO. F-1

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 10 of 10 | SECTION FROM ____ TO ____ | STARTED July 29/70

LATITUDE ____ | DATUM ____ | COMPLETED July 31/70

DEPARTURE ____ | BEARING ____ | ULTIMATE DEPTH 343'

ELEVATION ____ | DIP Vertical | PROPOSED DEPTH ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
340	Box 12	Hematite stained shear at 339'. Rock fresh.	End of Box 12.							339.5	3-1/16" calcite veins
342		Shear at 341'. Fracts. at 30°. Rock weakly altered									at 20°, 40°.
344	Box 13	End of hole at 343'									
		Average core recovery for hole = 91%									

DIAMOND DRILL RECORD,

HOLE NO. F-2

PROPERTY FORT CLAIMS - ENDAKO PROJECT

SHEET NUMBER 1 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 2/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 6/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 417'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
0	Overburden 0-142'	Overburden 0-142', casing									
		Commence BQ (wireline) Coring at 142'									
140											
	Box 1 142'-167.5' 25/25.5 = 98%	142'-169': finegrained gray basalt dyke									
150		Scattered small white plag. pheno's Widely									
		spaced joints, mainly calcite-filled								142-169	abund. calcite vns 1/16"-1/8" at 30^0-60^0. No sulfides.
160		Core broken to 150, blocky to 165'									
		Calcite veins abundant. No sulfides. Basalt appears fresh where not sheared.									
170	Box 2 167.5'-190' 25.5/25 =90%	Shearing 167'-169' parallel to 60^0 contact with Casey								169	3X1/8" Calcite at 20^0-30^0 in Casey.
		169-173 Finegrained fresh Casey alaskite. 1-2% Biot. Hem stn.									
180		173-188 basalt dyke. Competant. Wide spaced calcite vns.									
		Few small white plag. pheno's. Shearing									
190		182'-187'									
	Box 3 88%	Fine-med g'd Casey 188-202. Few joints at 40'-60' with								191	hle carbonate VN at 30^0
200		carbonate ± chlorite. 201'-202' sheared, brecciated above 40^0 contact.									

DIAMOND DRILL RECORD,

HOLE NO. F-2

PROPERTY FORT CLAIMS-ENDAKO PROJECT

SHEET NUMBER 2 of 4 **SECTION FROM** **TO** **STARTED** Aug. 2/70

LATITUDE **DATUM** **COMPLETED** Aug 6/70

DEPARTURE **BEARING** **ULTIMATE DEPTH** 417'

ELEVATION **DIP** Vertical **PROPOSED DEPTH**

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS AG.	CU.	PB.	ZN.
	Box 3: 212-233 21/25=84% Basalt 190'-22/212	Basalt dyke 202-224.5. 4" screen of sheared	Casey											
210		at 207', contact at 35°, cal ite veins.												
		Basalt dyke same as previous. Abund. small calcite vns.												
220		Sheared 212-214'.												
230		Fine-med. g'd Casey alaskite. Sheared, brecciated 224.6-226'												
	Box 4: 233-255 zz/25=88%	Abund. joints at 40°-60' 225-232, chlorite coated. Red hematite												
240		stain, pseudo's after weakly altered plag. No sulfides, no gtz. vns												
		236-240.5 Casey jointed, sheared, chloritic + hematite altn. shearing at 60°												
250	Box 5: 255-277 zz=88%	Fresh f.g. Casey to 248'. Chloritic 10°-30° joints + shears to 255'.												
		plag. soft, green in sheared cones. Red hem. stn. No sulfides.												
260		Plag. wk. altd in sheared zones. Zore broken at 256', 263'												
		Shearing at 30° at 268'. Chloritic altn. Rel. competant, unjointed												
270		to 277. Soft green plag. Joints at 60°-90°												
		Fresh Casey to 283'. Green plag to 294												
280	Box 6:													

DIAMOND DRILL RECORD,

HOLE NO. F-2

PROPERTY FORT CLAIMS-ENDAKO PROJECT

SHEET NUMBER 3 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 2/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 6/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 417'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
	Box 8 277-299' 22=88%	289'-290' shear zone at 20°-Chlorite-hematite altn									
290	CASEY	Plag fresh 292-294, joints at 294'									
		Fresh Casey to 298. Wk chloritic alter at 299.									
300	Box 8 299-320.5	Broken core at 301', joints at 20°									
		30° hematite-stained shear at 305', plag hem. stained									
310	20.5=86%	310-320 Casey wk. alt., hematite pseudos after plag.								309	1/8" qtz-carbonate vn at 25°
	Box 8 320.5-343.5 2/.5=86%	Widely- spaced fractures, minor chloritic coatings and altn									
320		of plag.									
		320-341 Core competant, few fractures									
330	23/25=92%	plag weakly altered, red stained by hematite 327-2									
		shears at 15° 340-342 chloritic fracts, altn more intense									
340	Box 9	calcite vns at basalt contact									
	343.5-366 20=80%	Basalt dyke 342-350.5'								342	3X1/8" calcite vns at 20°-40°
350	BASALT	fine grained basalt, wide spaced calcute vns.									
	Box 10 366-417 22.5/25=90%	Chl. alt Casey 350.5-352. 4"basalt dyke. Chl. Casey to 354'									
360		2"basalt dyke at 354'. Med g'd casey, soft green plag 30° shear at 363'.									

DIAMOND DRILL RECORD,

HOLE NO. F-2

PROPERTY FORT CLAIMS-ENDAKO PROJECT

SHEET NUMBER 4 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 2/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug 6/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 417

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS AG.	CU.	PB.	ZN.
	Box 10 366-389 23/25=92%	368-372 Joints, shears at 30° chlor. altn of plag												
370		unjointed to 378. 2 pyrite-filled fracts at 378.												
		379'-380', 30° joints intense chl. altn.												
380	Box 11	382 shear at 15°								387	2X1/8" pyrite on fracts at 45°			
		Rock fresher to 385, chl. altd plag. 385-387 basalt at 45°												
390		Chloritic altn to 389												
	Box 12 389-412 23/25=82	Shearing, chloritic altn at 396'								395'	pyrite on fract at 50°			
400		Pyrite at 50° at 395', shearing at 396'.												
		398.5' - 402' chlor.-hem. shear zone at 25°. Rock becomes												
410		fresher, plag still green, few chlorite-coated fract's at 30°-60°.												
	Box 13 412-417	Same to 417. 4Xchlor. fracts at 30° at 415'. Vuggy fracts at												
420		416'-417', End of hole at 417'												
		AVERAGE CORE RECOVERY= 89.6%												

DIAMOND DRILL RECORD,

HOLE NO. B-1

PROPERTY BONUS CLAIMS -ENDAKO PROJECT

SHEET NUMBER 1 of 1 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 8/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 12/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 155.5'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
0		Overburden to 135' Casing.									
0.B		Commence BQ (wireline) coring at 135'									
134		Lost tricone wheel at 135', ruined 3 bits drilling through it. Hole abandoned at 155.5'									
136	Box 1 135' - 155.5' 20.5/25 = 82% Recovery	Fresh, coarse-grained porphyritic hb-biot Glenannan qtz monz.									
138		135'-136' biot-hb inclusions with magnetite. Pink Kspar							138'	1/8" calcite vn. at 20°	
140		Phenos, fresh mafics and white plagioclase. Core broken to 138'							140'	joints, 1/8" calcite at 15°	
142		Core broken 141'-142'. Joints at 10°-20°, minor calcite vns. Rock fresh							140.5	small calcite vns. at 20°	
144		Core broken 143'-145'. Joints at 10°-30°, Rock fresh							143'	1/8" calcite at 15°	
146		145'-147' joints at 20°-30° coated with chlorite, carbonate, hematite stain.									
148		Core jointed, broken. Joints coated with chlorite, hematite.							148'	1/8" carbonate-chlorite vn at 10°	
150		Fresh unjointed Glen.QM. Kspar pole pink to white. Plag. rel. abund.									
152		Kspar megacrysts 151-152'. Joints at 30' - minor chlorite									
154		Fresh rock. Kspar megacrysts. Inclusions at 153', 154'.									
156		Fresh coarse g'd por.hb-biot Glen.QM. End of hole at 155.5'							155'	1/8" chlorite-calcite vn at 20°	
	End of Hole										
		Average core recovery=82%									

DIAMOND DRILL RECORD,

HOLE NO. CH-1

PROPERTY CHESS CLAIMS - ENDAKO PROJECT

SHEET NUMBER 1 Of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 19/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 21/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 256'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
		Overburden to 20'. Commence BQ (wireline) coring									
10		at 20'									
20		Med-coarse-grained porphyritic Glenannan (Tatin?)									
	Box 1 20'-44' 24/25=96	qtz-monzonite. Plag dark green (Kaolin & chlorite?), often									
30		pseudomorphed by red pulverulent hematite. Rock generally									
		competant, unjointed-cores very well. 31'-4" aplite at 35° &								31.5'	1/4" massive py. vein at 35°
40		1/4" massive pyrite vn at lower contact. Minor Ksp altn along									
		30° fract. at 38.5'. Wide spaced chlorite fract's at 30°- 45°									
50	Box 2 44-67.5 23.5/25=94	Hb & biot chloritized, hematite pseudo's. Close sp. 45° jts 52'.									
		Kspar megacrysts 55'-60'.									
60		Fault zone 62'-64' at 45°, rock granulated, altered. 3" qtz. vn lower									
		contact. 64-67.5 Kspar bleached, plag & mafics dk green, soft.								64'	3" Barren qtz vn at 60°, veined by calcite.
70		Fault zone 74' - 75'. Plag & mafics soft, green.								71.5	5x calcite vn's at 60-80°, 1/16" - 1/8".
	Box 3 67.5-91 23.5=94	79-80' fault zone at 60°, rock granulated, altered.									
80		Rock rel. fresh below fault.									

DIAMOND DRILL RECORD,

HOLE NO. CH-1

PROPERTY CHESS CLAIMS - ENDAKO PROJECT

SHEET NUMBER 2 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 19/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 21/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 256'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
	Box 3	Hematite stn. Mafics green. Kspar megacrysts.								86'	1/8" qtz-calcite minor pyrite
90		5" aplite at 88.5', at 45°. Qtz veinlets. Hle calcite.								87'	at 60° 1/8" calcite vn at 70°, rasty
	Box 4 91-114 23/25=92%	Rock rel. fresh. Plag & mafics green. Chl. shears at 45° at 94'.								94'	1/8" calcite at 50°
100		Anhedral Kspar megacrysts. Chl-hem. jts at 20° at 99'									
		Rock fresher. Plag hard, green. Mafics fresh or wk chloritized.			30°						
110		jts. at 112'. Rock rel. unjointed. No veins									
	Box 5 114-138 24/25=96%	Chl-hem shear at 30° at 114'									
120		117' - aplite at 15°. Rock fresh									
		pyrite-moly at 127'. No qtz veining, alteration.								122'	2x 1/8" calcite at 20°
130		Diss. py at 129'. No moly. Py & chl. on 60° fract.	at 130'							127'	hle pyrite-moly at 60°
		Rock fresh. Few fracts. Plag. hard, green									
140		Shears at 139', 140' chl & hem & minor pyrite								139'-140'	pyrite on 50° fracts.
	Box 6 138-163 25/25=100	Core broken 141-142. Small fracts with py & mo.								146'	hle py on 50° fract.
150		155' chl & hem. shear at 50°								147'	hle py & moly at 60°
		Rock fresh. Plag green, some hematite stain									
160		Fracts // core 158'-163'. No mineralization.									

DIAMOND DRILL RECORD,

HOLE NO. CH-1

PROPERTY CHESS GROUP - ENDAKO PROJECT

SHEET NUMBER 3 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 19/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 21/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 256'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
	Box 7 163-187 24/25=96	Plag green, rock competant, rel. unjointed									
170		Same. Fract at 60° with tr. pyrite.								169	1 grain pyrite on 60° fract.
		177' - 60° fract. with pyrite & rust. Plag. green								172	3x 1/16 calcite veins at 45°
180		179' - traces diss pyrite								177	pyrite on 60° fract.
		185' - 187' shears at 60°-80°, chl & hem stain. Rock soft.								179	tr. diss pyrite
190	Box 8 187-209 22/25=88%	193' close spaced chl. fract's. at 35°									
		Core broken 196-198' Few fracts. Plag green & hematite									
200		stain. No mineralization									
		Rock fresh. Few wide spaced fracts.									
210	Box 9 209-232.5 23.5/25=94%	Same									20°-40°
		Calcite veins at 212. Fresh Glenannan qtz monz.								212	3x 1/8"-¼" calcite veins at
220		219' - 50° shear, hematite. 221-222 calcite veinlets.								221-2	3x calcite hle's 30°-60°
		tr. py. on fract. 227' - 1/8" chalcedonic qtz. vn at 45°								225	tr. pyrite on 68 feet
230		Rock fresh									
		Rock fresh except for small silicified shear zones								233.5	diss py along 70' fract.
240		with pyrite or hematite-stained fractures.								236-237	4hle's pyrite along 60-80° fracts.

DIAMOND DRILL RECORD,

HOLE NO. CH-1

PROPERTY CHESS GROUP - ENDAKO PROJECT

SHEET NUMBER 4 of 4 **SECTION FROM** ____ **TO** ____ **STARTED** Aug. 19/70

LATITUDE ____ **DATUM** ____ **COMPLETED** Aug. 21/70

DEPARTURE ____ **BEARING** ____ **ULTIMATE DEPTH** 256'

ELEVATION ____ **DIP** Vertical **PROPOSED DEPTH** ____

DEPTH FEET	CORE RECOV	ROCK TYPE AND ALTERATION DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS AG.	CU.	PB.	ZN.	SLUDGE SAMPLE NO.	FOOTAGE	MINERALIZATION
		Small chl. fract's 70-90°. Core fractured, wk chl. alt.								248	Vuggy qtz. at 10°, calcite at 80°
250		of plag. and mafics. Shear zone, breccia ed granite								249	calcite // core, minor qtz-pyrite at 90°
	Box 10 232.5-256 23.5/25=94	4" wide at 253' - hem & chl. 4" aplite at 15° at	256'							251	1/4" calcite at 20°
260		End of hole at 256'.									
		Average core recovery 91.4%									

93-K -3 DRILL LOGS -
ENDAKO PROJECT