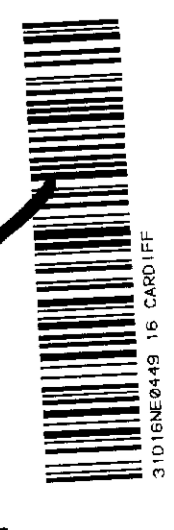
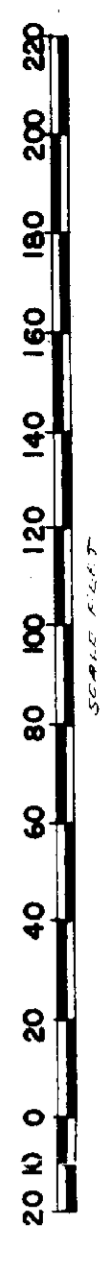
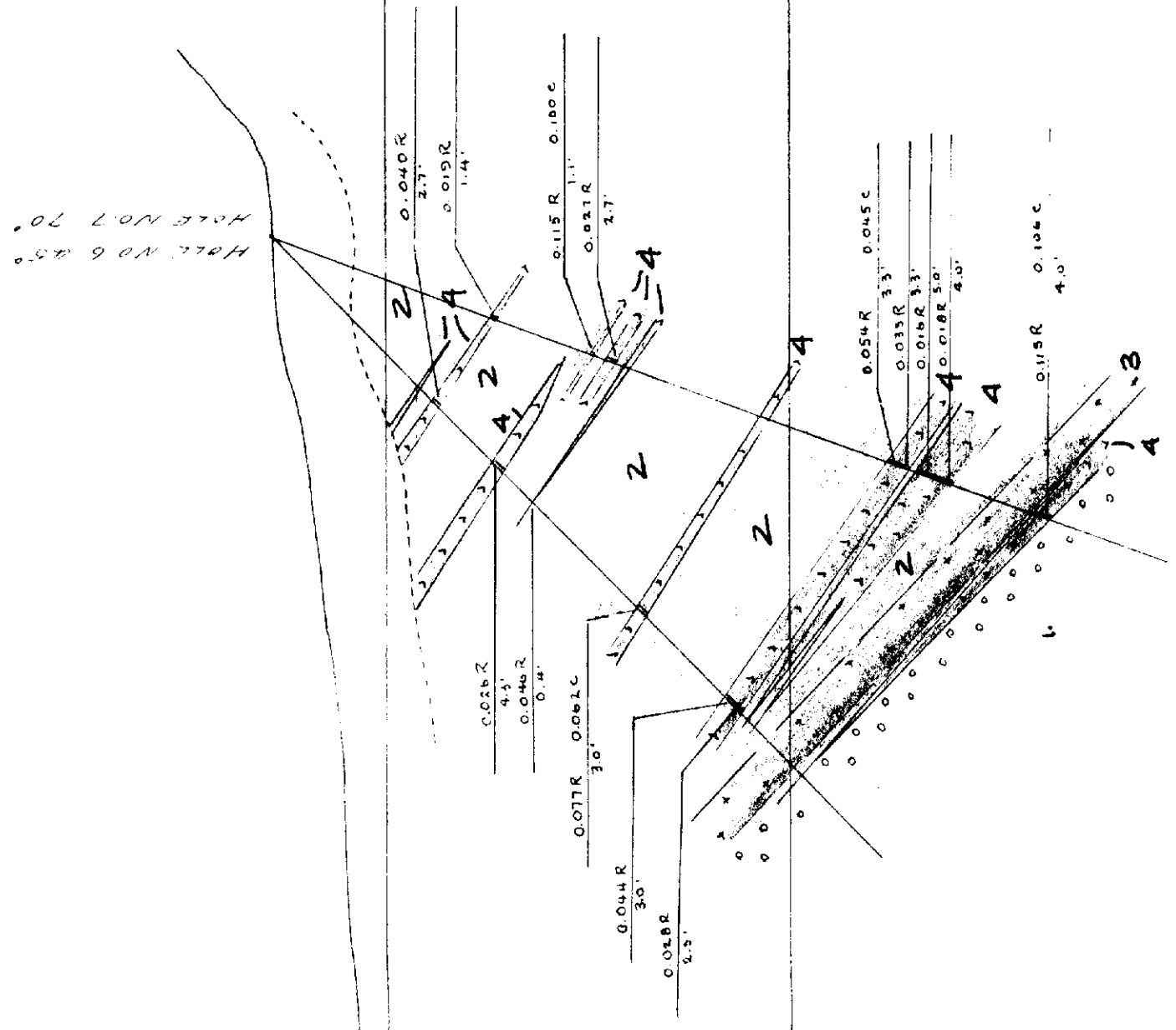


- LEGEND
- 5 SYENITE GRANITE
 - 4 GRANITE
 - 3 GARNETIFEROUS AUGEN GNEISS
 - 2 GRAPHITE GNEISS
 - 1 BIOTITE HORNBLLENDE GNEISS

AUMACHO RIVER MINES LIMITED
 CARDIFF TOWNSHIP HALIBURTON COUNTY
 PROVINCE OF ONTARIO

VERTICAL SECTION A A





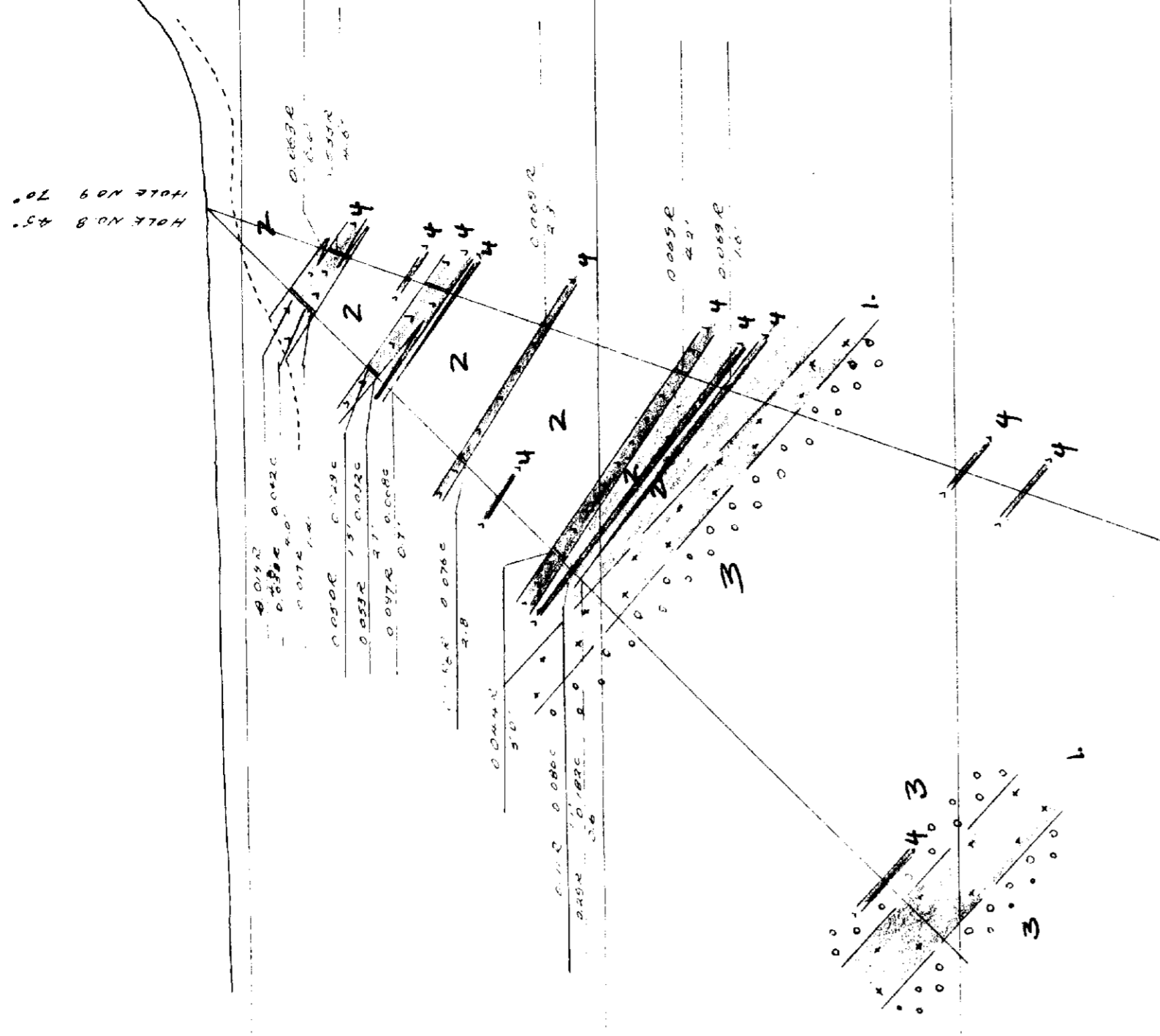
- LEGEND
- 4 [Symbol] GRANITE, PEGMATITE
 - 3 [Symbol] GARNETIFEROUS AUGEN GNEISS
 - 2 [Symbol] BIOTITE HORNBLENDE GNEISS
 - 1 [Symbol] GRANITIZED BIOTITE HORNBLENDE GNEISS
 - [Symbol]
 - [Symbol]

AUMACHO RIVER MINES LIMITED
 CARDIFF TOWNSHIP HALBURTON COUNTY
 PROVINCE OF ONTARIO

VERTICAL SECTION D D
 HOLES 6 & 7

20 40 60 80 100 120 140 160 180 200 220
 FEET

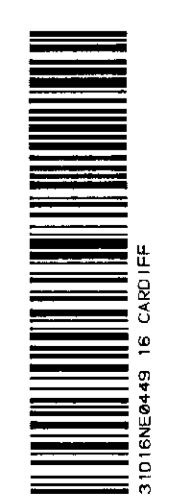




- LEGEND
- 4 [Symbol] GRANITE, PEGMATITE
 - 3 [Symbol] GRANITIZED BIOTITE HORNBLENDE GNEISS
 - 2 [Symbol] BIOTITE HORNBLENDE GNEISS
 - 1 [Symbol] GARNETIFEROUS AUGEN GNEISS

AUMACHO RIVER MINES LIMITED
 CARDIFF TOWNSHIP HALIBURTON COUNTY
 PROVINCE OF ONTARIO

VERTICAL SECTION E E
 HOLES 889



PAUDASH LAKE

CONCESSION X
CONCESSION IX

WP E.O. 7709-4

E.O.-7331

E.O.-7709

WP E.O. 7709-1
7709-2
7710-1

E.O.-7710

WP E.O. 7709-3
E.O. 7710-4

E.O.-7332

WP E.O. 7707-1
7707-2
7708-1
7708-2

WP E.O. 7710-3
7710-4
CONCESSION IX
CONCESSION VIII

PAUDASH LAKE

E.O.-7705

E.O.-7707

WP E.O. 7706-1
7706-2
7707-3
7708-4

E.O.-7708

E.O.-7706

WP E.O. 7706-3
7706-4
7706-5

CONCESSION VIII
CONCESSION VII

LOT 21

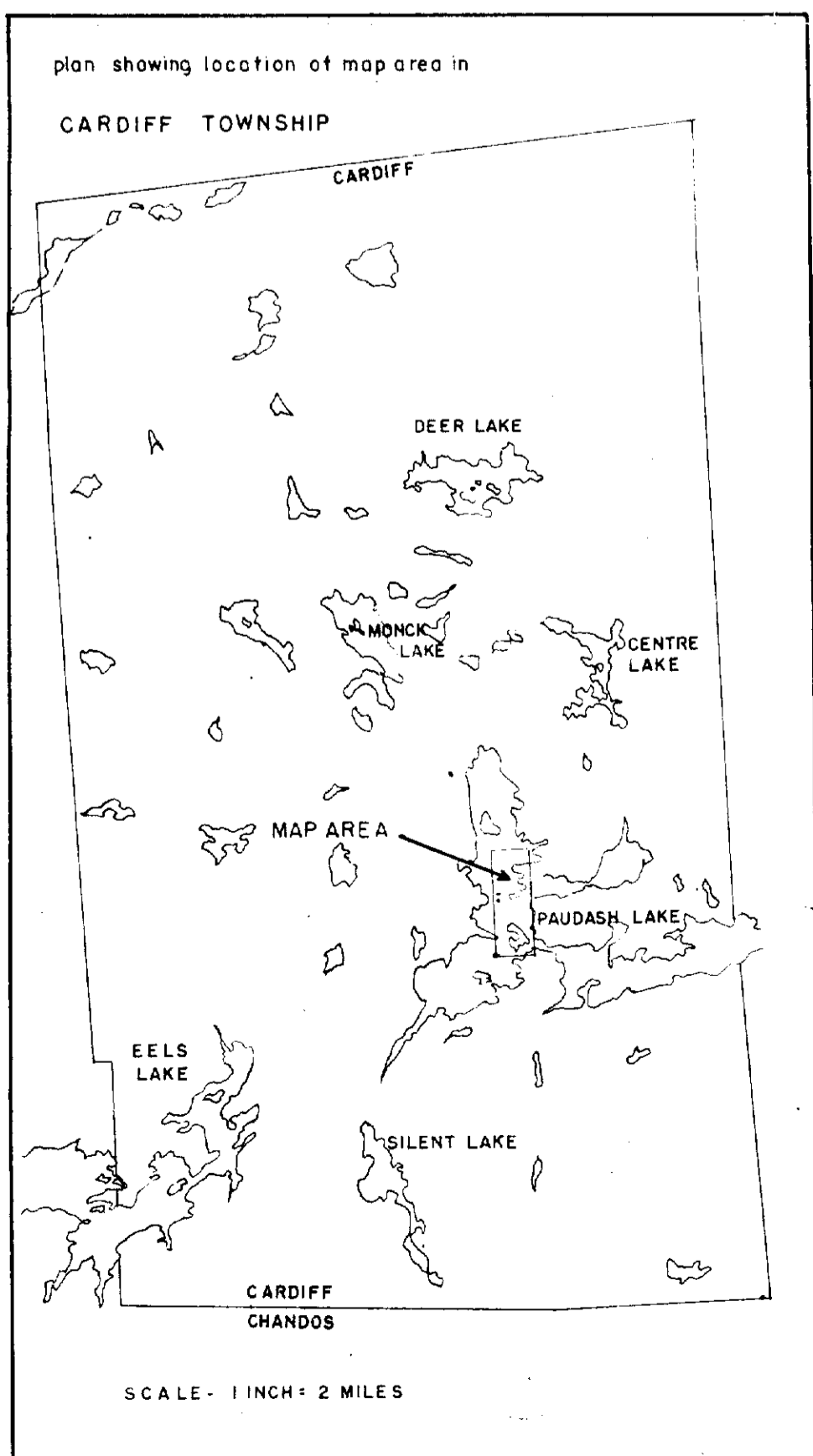
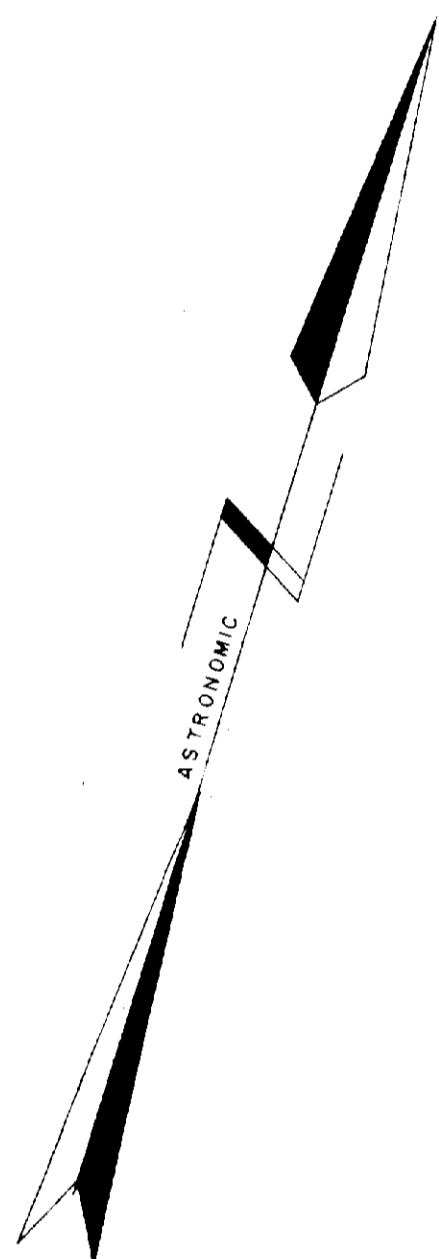
LOT 22

LEGEND

- INTRUSIVES
GRANITE GNEISS (10), GRANITE (15), SYENITE (6), PEGMATITE (14)
- SEDIMENTS
LIMESTONE (20)
- PARAGNEISSES
CRYSTALLINE LIMESTONE & DOLOMITE (30), BIOTITE GNEISS (35),
GARNET-BIOTITE GNEISS (50), BIOTITE-HORNBLende GNEISS (34)

SYMBOLS

- LAKE SHORE LINE
- HILL OUTLINE
- SWAMP
- SUMMER COTTAGE
- ROCK OUTCROPPING
- STRIKE AND DIP OF SCHISTOCITY
- INTRUSIVE CONTACT DEFINED
- ASSUMED CONTACT
- ASSUMED FAULT
- RADIOACTIVE OCCURRENCE
- WITNESS POST
- PROPOSED DRILL HOLE



AUMACHO RIVER MINES LIMITED
 CARDIFF TOWNSHIP - HALIBURTON COUNTY
 PROVINCE OF ONTARIO

**SURFACE PLAN OF MINING CLAIMS
 E.O.-7705 TO E.O.-7710 INCLUSIVE**

SCALE - FEET





31D16NE0449 16 CARDIFF

010

Diamond Drilling

Township of Cardiff

Report N^o 16

Work performed by: Aumacho River Mines Limited

Claim N ^o	Hole N ^o	Footage	Date	Note	
E0.7332	3	500.0'	Dec.1953		
	4	338.0'	Jan. 1954		
	5	207.0'	Jan. 1954		
	6	215.0'	Jan. 1954		
	7	237.0'	Jan. 1954		
	8	304.0'	Jan. 1954		
			<u>1801</u>		

Notes:

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED

HOLE NO. 3

SHEET NUMBER one

SECTION FROM A TO A

STARTED December 14

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE 360 West

BEARING 350° magnetic

ULTIMATE DEPTH 500 feet

ELEVATION _____

DIP 45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 18.0	Casing				
18.0 - 116.0	biotite hornblende gneiss - sheared at 90° to C.A. The first 15.0 feet is somewhat granitized, the whole mineralized with a trace pyrite				
23.0	- a few elongated garnets				
27.0	- 0.5 ft. dyke trace ferro trace pyrite				
39.0	- 0.8 ft. dyke 30%				
43.0	- 0.2 ft. dyke 30%				
44.0	- 0.1 ft. dyke 30%				
45.0	- 3.0 ft. dyke 40%				
49.1	- 0.2 ft. dyke 30%				
52.5	- 0.2 ft. dyke 40%				
53.6	- 0.2 ft. dyke 50%				
59.0	- 0.5 ft. dyke breccia				
62.9	- 2.0 ft. dyke 40% ferro hematitized				
64.2	- 0.2 ft. dyke 40%				
66.5	- 3.8 ft. dyke 20%				
	section possible uraninite				
96.8	- 1.5 ft. dyke 40% ferro hematitized somewhat brecciated				
98.5	- 0.1 ft. dyke 40%				
100.0	- 0.5 ft. dyke 5%				
101.0	- 2.0 ft. dyke 40%				
111.0	- 2.0 ft. garnet gneiss				
116.0 - 126.0	garnetiferous augen gneiss - sheared at 90° to C.A. mineralization trace pyrite				
126.0 - 231.0	granitized biotite hornblende gneiss - sheared 90° to C.A.				
135.5	- 0.1 ft. dyke 40% ferro hematitized some RA				
141.0	- hematitized shear at 20° to C.A.				
165.0	- 0.2 ft. dyke 30% ferro hematitized some RA				
202.5	- 0.2 ft. dyke 20%				

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED HOLE NO. #3

SHEET NUMBER two SECTION FROM A TO A STARTED _____ COMPLETED _____

LATITUDE _____ DATUM _____

DEPARTURE 360 West BEARING 350° magnetic ULTIMATE DEPTH _____

ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
126.0 - 231.0	continued				
	165.9 - 0.9 ft. dyke 30% ferro hematitized				
	206.0 - 0.5 ft. dyke 40% " " some RA				
	214.0 - 1.3 ft. dyke 30% " "				
	217.5 - 2.3 ft. dyke 30% " "				
	220.3 - 1.0 ft. dyke 5% " "				
	221.7 - 2.7 ft. dyke 40% " "				
	228.0 - 0.3 ft. dyke 40% " "				
	229.5 - 0.3 ft. dyke 40% " "				
231.0	biotite hornblende gneiss - sheared at 90° to G.A. mineralized trace pyrite				
	266.0 - 1.8 ft. dyke granite				
	289.0 - 0.5 ft. " "				
	301.0 - 1.5 ft. " "				
	316.0 - 1.0 ft. " "				
	321.0 - 0.5 ft. " "				
	hole being continued				
	Anomalous scintillometer readings were obtained from the following sections which have been sent for assay.				
	<u>SAMPLE NUMBER</u>				
	<u>FOOTAGE</u>				
	704 45.0 - 48.0				
	705 62.9 - 64.9				
	706 66.5 - 70.3				
	707 96.8 - 98.3				
	708 101.0 - 103.0				
	709 165.9 - 166.8				
	710 217.5 - 219.8				
	711 221.7 - 224.4				

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY three HOLE NO. 3

AUMACHO RIVER MINES LIMITED

SHEET NUMBER three SECTION FROM A TO A STARTED December 14th

LATITUDE _____ DATUM _____ COMPLETED December 19th

DEPARTURE 360 West BEARING 350° magnetic ULTIMATE DEPTH 521.0 feet

ELEVATION _____ DIP 45° PROPOSED DEPTH 500.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
231.0 - 467.5	biotite hornblende gneiss - sheared at 90° to C.A. 249.5 - 0.6 ft. dyke trace ferro hematitized 361.0 - the following 20.0 feet of core is cut by a number of irregularly spaced fractures which trend at a small angle to the core axis (usually 20°) and which are hematitized. The rock adjacent to the fractures is somewhat bleached.				
383.5 - 0.1 ft.	quartz no visible mineralization				
391.6 - 0.1 ft.	calcite " "				
425.2 - 0.3 ft.	dyke 40% ferro trace pyrite trace RA				
467.5 - 486.0	garnetiferous augen gneiss - sheared at 90° to C.A. Mineralized trace pyrite-pyrrhotite				
467.7 - 0.1 ft.	dyke 40% ferro trace pyrrhotite-molyb.				
468.1 - 0.2 ft.	dyke 40% " "				
486.0 - 500.0	graphitic gneiss - sheared at 90° to C.A.				
500.0 - 521.0	biotite hornblende gneiss - sheared at 90° to C.A. Few fractures at small angles to C.A. these mineralized with pyrite or marcasite.				
509.5 - 0.5 ft.	dyke trace ferro trace RA				
517.0 - 4.0 ft.	dyke 5% " trace pyrite. Section is badly ground and broken. 1" core section at 518.0 footage mineralized with black highly radioactive crystals possible uraninite. Additional black crystals mineralization obviously ground. Footage 521.0 is limit of rods crew has available for use on this job.				
521.0 - end of hole					
Two sections of the above core were sent out for assay as noted below. Counter readings for Sample 712 averages 4 times background, for Sample 713 averages three times background except for footage 518.0 where a reading 15 times background was noted. Crystals of uraninite were noted in a ground section of core.					
SAMPLES	712	349.5 - 350.1			
	713	517.0 - 521.0			

[Signature]

A. Skrecky

DRILLED BY

SIGNED

DIAMOND DRILL RECORD

PROPERTY ADMACHO RIVER MINES LIMITED **HOLE NO.** 4
SHEET NUMBER one **SECTION FROM** C **TO** C **STARTED** January 8, 1954
LATITUDE _____ **DATUM** _____ **COMPLETED** January 11, 1954
DEPARTURE 435 West **BEARING** 350° magnetic **ULTIMATE DEPTH** 338.0 feet
ELEVATION _____ **DIP** 45° **PROPOSED DEPTH** 350.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 33.0	Casing				
33.0 - 135.7	Biotite hornblende gneiss - sheared at 80° to C.A. Section is mineralized with trace pyrite. Cut by a few hornblende filled fractures at small angles to C.A.				
	45.0 - 3.2 ft. dyke mineralized trace ferro trace pyrite				
	51.0 - 2.4 ft. dyke				
	61.5 - 4.0 ft. section of irregular garnetiferous augen gneiss. Cut by a few slickensided fractures at 45° to C.A.				
	64.0 - 0.1 ft. dyke mineralized 50% ferro, light pyrite in fractures that cut the core at small angles to C.A. Section is brecciated and some breccia fractures extend into wall rock.				
	Somewhat hematitized and section has count approximately 6 times the background				
	100.0 - 0.8 ft. dyke mineralized 25% ferro. Cut is cut by many fractures at small angles to C.A.				
	most of which intersect core at small angles to C.A. A few parallel C.A. for a short distance. Two ages of fractures discernable, the earliest associated with pyrite mineralization and hematitization, and later calcite filled and lined with a black hornblenditic material. Few steel black coloured crystals noted near hanging wall and very radioactive.				
	102.8 - 0.6 ft. dyke trace ferro trace magnetite.				
	103.6 - 0.1 ft. dyke trace ferro trace molybdenite				
	131.0 - 4.7 ft. dyke mineralized 25% ferro trace pyrite. Section is cut by many fractures mostly at a small angle to C.A. Ferro magnetite minerals have at times a "halo" of hematite. The feldspar is hematitized as well.				
	First 0.8 ft. of section is mineralized with many minute grey crystals tetragonal in form. Possible zircon or variety cyrtolite. Minute brown resinous crystals also noted, these have no crystal form, rather appear as slag like beads.				
1 .7 - 152.0	garnetiferous augen gneiss - sheared at 80° to 90° to C.A. Section is cut by a few slickensided fractures, some plated with marcasite				

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED

HOLE NO. 4

SHEET NUMBER two SECTION FROM C TO C STARTED January 8, 1954

LATITUDE _____ DATUM _____ COMPLETED January 11, 1954

DEPARTURE 435 west BEARING 350° magnetic ULTIMATE DEPTH 338.0 feet

ELEVATION _____ DIP -4.5° PROPOSED DEPTH 350.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
152.0 - 268.0	granitized biotite hornblende gneiss - sheared at 80° to 90° to C.A. Section is cut by many fractures at small angles to C.A. some parallel the C.A. for a short distance. Some of these fractures are calcite filled, others are plated with hematite and a few are slickensided. 164.0 - 1.0 ft. breccia. 174.0 - 2.0 ft. dyke (irregular) mineralized 70% ferro, highly hematitized. 231.8 - 0.9 ft. dyke 10% ferro trace pyrite 233.9 - 1.9 ft. dyke trace " " trace magnetite. 238.0 - 0.7 ft. dyke 30% " " " 256.0 - 0.1 ft. dyke 50% " " " 261.2 - 0.4 ft. dyke trace " " " 263.0 - 0.5 ft. dyke 50% " " " 264.7 - 2.0 ft. dyke 50% " " "				
268.0 - 338.0	biotite hornblende gneiss - sheared 80° to 90° to C.A. mineralized trace pyrite 278.0 - 2.0 ft. dyke 30% ferro light pyrite 302.0 - 1.0 ft. dyke granite 330.0 - 0.8 ft. dyke granite 338.0 - end of hole				
Anomalous geiger counter readings were obtained from the following sections, and these were sampled as noted.					
	FOOTAGE				
	not sampled				
	714				
	715				
	716				
	717				

DRILLED BY _____ SIGNED A. Skrechy

DIAMOND DRILL RECORD

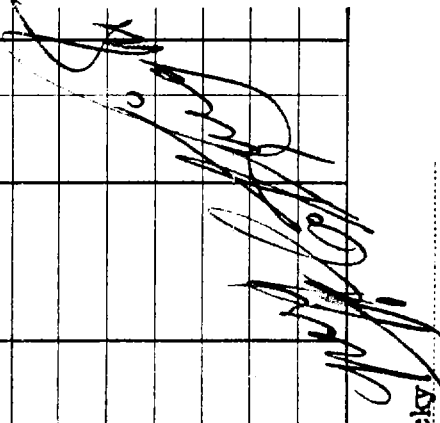
PROPERTY AUMACHO RIVER MINES LIMITED **HOLE NO.** 5
SHEET NUMBER one **SECTION FROM** C **TO** C **STARTED** January 12, 1954
LATITUDE _____ **DATUM** _____ **COMPLETED** January 14, 1954
DEPARTURE 435 west **BEARING** 350 magnetic **ULTIMATE DEPTH** 207.0 feet
ELEVATION _____ **DIP** -80° **PROPOSED DEPTH** 200.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 22.0	Casing				
22.0 - 67.0	biotite hornblende gneiss - sheared at 60° to 70° to C.A. Some are slickensided is cut by a few fractures at 35° to 45° to C.A. Some are 22.0 - 4.5 ft. dyke trace ferro trace pyrite few tiny radioactive crystals at footwall of section, balance only has trace. 45.3 - 3.5 ft. dyke trace ferro trace pyrite with general low radioactivity but very strong along and near a number of fractures that cut core at sharp angles to C.A. Black crystals noted these possible Uraninite. 67.0 - 77.5 granitized biotite hornblende gneiss 72.0 - 0.1 ft. dyke 20% ferro trace pyrite 77.5 - 152.0 biotite hornblende gneiss - sheared as in first section. 86.6 - 0.3 ft. dyke granite 96.3 - 3.9 ft. dyke composed of labradorite type feldspar and hornblende, latter approximately 30%. Central section measuring 1.0 ft. has pinkish cast and 0.5 ft. of this central section is radioactive, with a count approximately 4 times background. Few crystals of monazite monazite noted in contact areas, and section is mineralized with trace pyrrhotite. 103.9 - 3.9 ft. dyke 10% ferro trace pyrite with general low radioactivity but very strong along and near a number of fractures that cut at sharp angles to C.A. One such fracture was apparently an open one and is filled with a black sandy material which is extremely radioactive. Material possibly uraninite and some loss possible also. 138.5 - 4.6 ft. dyke trace ferro mostly in contact sections where associated with black radioactive crystals. Overall radioactivity is weak. 144.0 - 0.1 ft. dyke 10% ferro trace pyrite. 145.5 - 0.8 ft. dyke 5% ferro trace pyrite. Dyke is highly fractured and radioactive in contact sections. 147.0 - 1.1 ft. section of irregular dyke material. Section is cut by two fractures 0.5 feet apart that are very radioactive and black crystals are evident possible uraninite.				

DIAMOND DRILL RECORD

PROPERTY ALMACHO RIVER MINES LIMITED **HOLE NO.** 5
SHEET NUMBER one **SECTION FROM** C **TO** C **STARTED** January 12, 1954
LATITUDE _____ **DATUM** _____ **COMPLETED** January 14, 1954
DEPARTURE 4.35 west **BEARING** 350° magnetic **ULTIMATE DEPTH** 207.0 feet
ELEVATION _____ **DIP** -80° **PROPOSED DEPTH** 200.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
77.5 - 152.0	continued 148.7 - 0.8 ft. breccia mineralized with irregular dyke material.				
152.0 - 173.0	garnetiferous augen gneiss - sheared at 60° to 70° to G.A. mineralized trace pyrite				
173.0 - 207.0	153.0 - 0.2 ft. dyke mineralized 30% ferro light pyrite trace molyb. Very radioactive and uraninite crystals evident. Granitized biotite hornblende gneiss - sheared at 60° to 70° to G.A. 207.0 - end of hole.				
	Anomalous geiger readings were noted in the following sections which have been sent out for assay.				
	SAMPLE NUMBER <u>FOOTAGE</u>				
	718 45.3 - 48.8				
	719 103.9 - 107.8				
	720 138.5 - 143.1				
	721 145.5 - 146.3				


SIGNED A. Skrecky

DIAMOND DRILL RECORD

PROPERTY ADMACHO RIVER MINES LIMITED HOLE NO. 6

SHEET NUMBER one SECTION FROM D TO D STARTED January 15, 1954
 LATITUDE _____ DATUM _____ COMPLETED January 18th, 1954
 DEPARTURE 510 west BEARING 350° magnetic ULTIMATE DEPTH 215.0 feet
 ELEVATION _____ DIP 45° PROPOSED DEPTH 200.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 28.0	Casing				
28.0 - 94.0	biotite hornblende gneiss - sheared at 80° to 90° to C.A. mineralized with trace pyrite. Rock is cut by a few fractures at small angles to C.A. these plated with hornblenditic material at times pyrite and at times somewhat slickensided.				
	32.0 - 0.1 ft. quartz walls mineralized with aggregates of hornblende.				
	38.0 - 0.5 ft. mineralized with irregular quartz as above				
	40.0 - 0.1 ft. quartz as above.				
	43.0 - 0.5 ft. mineralized with irregular quartz as above				
	45.3 - 0.1 ft. quartz mineralized as above.				
	47.5 - 1.0 ft. section mineralized with irregular quartz as above.				
	50.7 - 0.1 ft. quartz mineralized as above				
	51.5 - 0.8 ft. grey granite				
	53.6 - 0.6 ft. dyke trace ferro trace pyrite footwall 2" mineralized with fair pyrrhotite - ferro				
	56.2 - 2.7 ft. dyke trace ferro trace pyrite XXXXXX section averages 2X background count except for last 0.5 ft. which has a 3X count.				
	64.0 - 0.2 ft. dyke composed milky feldspar and hornblende.				
	77.4 - 4.3 ft. dyke 5% ferro mostly near contacts. Section averages 2X background count with a high for last 0.5 ft. of 7A.				
	91.6 - 0.1 ft. dyke 60% ferro trace pyrite				
	92.0 - 0.4 ft. dyke trace ferro and hematitized section has 4X background count.				
94.0 - 107.0	granitized biotite hornblende gneiss - cut by seams up to 0.1 ft. of heavy hornblenditic material. Section mineralized trace pyrite.				
	101.0 - few crystals garnet				
	101.5 - 1.3 ft. dyke trace pyrite trace ferro				
	biotite hornblende gneiss - same as initial section.				
	129.2 - 3.0 ft. dyke 20% ferro trace pyrite. Section has count				

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED HOLE NO. 6

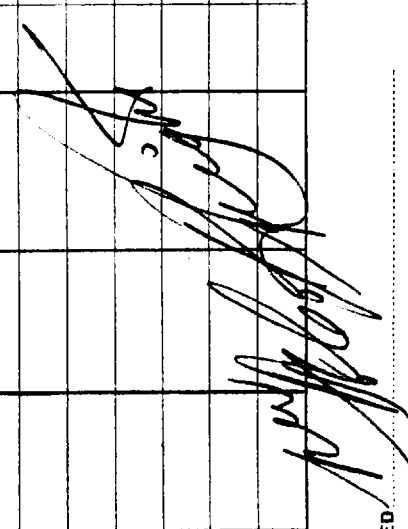
SHEET NUMBER two SECTION FROM _____ TO _____ STARTED _____ COMPLETED _____

LATITUDE _____ DATUM _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
107.0 - 160.0	continued averaging 3X background count with a high for last 0.5 feet of 6X background count.				
160.0 - 175.0	same rock as in previous section but markedly bleached				
160.0	160.0 - 5.5 ft. dyke mineralized 10% ferro trace pyrite Section averages 2X background count with a high for last 1.0 ft. of 3X background count				
	166.8 - 0.1 ft. dyke 30% ferro trace pyrite				
	168.0 - 0.1 ft. dyke 30% "				
	170.0 - 0.1 ft. dyke 30% " " hematitized and very radioactive with a count 8X background count.				
175.0 - 185.0	garnetiferous augen gneiss sheared at 80° to 90° to G.A.				
185.0 - 215.0	granitized biotite hornblende gneiss - section has general brecciation with fracture planes plated with a hornblenditic material.				
	187.0 - 0.1 ft. dyke trace ferro trace pyrite				
	187.7 - 0.1 ft. dyke trace ferro trace pyrite				
	210.0 - 0.1 ft. dyke 30% ferro trace pyrite hematitized and radioactive section averages 4X background count.				
	215.0 - end of hole				
SAMPLING	SAMPLE NUMBER FOOTAGE				
	722 56.2 - 58.9				
	723 77.4 - 81.7				
	724 92.0 - 92.4 radiometric only				
	725 129.2 - 132.2				
	726 160.0 - 163.0				
	727 163.0 - 165.5				


 SIGNED _____

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED HOLE NO. 7 &

SHEET NUMBER one SECTION FROM D TO D STARTED January 18th, 1954.

LATITUDE _____ COMPLETED January 20th, 1954.

DEPARTURE 510 west BEARING 350° magnetic ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH 230.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 22.0	Casing				
22.0 - 106.0	Biotite hornblende gneiss - sheared at 65° to 75° to C.A. Mineralization trace pyrite, short sections of core usually under 3.0 feet are somewhat bleached. Section is cut by a few fractures at small angles to C.A. Some of these parallel the C.A. for a short distance. Last 20.0 feet of section is cut by 1 to 1½ inch seams of a trappy rock.				
	27.5 - 0.4 ft. quartz mineralization trace pyrite				
	31.6 - 0.1 ft. dyke 40% ferro trace pyrite-pyrrhotite trace molyb. count 2X background count.				
	44.0 - 0.1 ft. dyke trace ferro trace pyrite				
	51.0 - 0.2 ft. quartz walls mineralized with aggregates of hornblende				
	52.3 - 0.1 ft. quartz mineralization pyrite-pyrrhotite				
	53.0 - 0.1 ft. quartz mineralization pyrite - pyrrhotite				
	53.3 - 0.1 ft. dyke 10% ferro trace pyrite count 2X background count.				
	55.2 - 0.1 ft. dyke trace ferro trace pyrite				
	57.0 - 0.1 ft. dyke " " " count 3X background count.				
	57.5 - 1.4 ft. dyke 10% background count with a high of 4X background count near hanging wall contact and brecciated. Count averages 3X				
	81.0 - 0.1 ft. quartz walls mineralized with aggregates of hornblende.				
	84.0 - 1.1 ft. dyke 5% ferro mostly in contact areas. Count averages 2X background count with high of 15X background count in fracture near hanging wall.				
	88.6 - 2.7 ft. dyke 10% ferro trace pyrite trace fluorite. Dyke has marked shear parallel the schistosity of host rock.				
	92.0 - 0.5 ft. dyke 10% ferro trace pyrite				
	93.2 - 1.3 ft. dyke 10% " "				
106.0 - 117.0	granitized biotite hornblende gneiss				
	108.5 - 0.3 ft. dyke 10% ferro trace pyrite and highly brecciated. Dyke has count 3X background count.				

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED HOLE NO. 7

SHEET NUMBER two SECTION FROM d TO d STARTED January 18th, 1954

LATITUDE _____ COMPLETED January 20th, 1954

DEPARTURE 510 west BEARING 350° magnetic ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH 230.0 feet

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
106.0 - 117.0	continued 108.8 - few garnet crystals aggregates 113.6 - fractures filled with dyke material that cuts schistosity at an angle to suggest that it has a sill like form				
117.0 - 190.5	Biotite hornblende gneiss - sheared at 60° to 75° to C.A. Section is mineralized with trace pyrite. Last 11.5 feet of section is highly granitized. 118.5 - 0.1 ft. dyke 30% ferro trace pyrite 122.2 - 0.1 ft. quartz no visible mineralization 125.5 - 0.2 ft. dyke trace ferro trace pyrite 128.9 - 2.2 ft. dyke 20% " 135.5 - 0.4 ft. dyke 10% " 161.8 - 6.6 ft. dyke 25% " salmon coloured granite with local concentrations of ferro magnesium minerals. The dyke is cut by a few fractures which are plated with a hornblende material and show some slickensiding. Radioactivity is confined to those sections with ferro magnesium minerals and at times a black mineral is noted here which is possibly uraninite. Section is mineralized with a trace of fine fluorite. Count averages 2X background count with a few highs of 4X background count.				
170.0 - 181.3	170.0 - 9.0 ft. dyke 10% ferro trace pyrite. Dyke is identical to above. 181.3 - 0.1 ft. dyke 10% " and highly hematitized. Count of 8X background count.				
185.0 - 190.5	185.0 - 2 - 1/8" calcite filled fractures cutting core at 30° to C.A. 188.0 - 0.2 ft. dyke trace pyrite trace ferro Garnetiferous augen gneiss - sheared at 65° to 75° to C.A. Section is mineralized with trace pyrite-pyrrhotite. Garnetiferous augen gneiss - sheared at 80° to 90° to C.A.				

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED HOLE NO. 7

SHEET NUMBER three SECTION FROM TO STARTED
 LATITUDE DATUM COMPLETED
 DEPARTURE BEARING ULTIMATE DEPTH
 ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
200.5 - 231.0	Granitized biotite hornblende gneiss - sheared at 80° to 90° to C.A. Rock has general brecciation with a norblenditic material as matrix, in places the brecciation is quite intense. Section is cut by a few seams of massive hornblenditic material, these seams are up to 3 inches thick and parallel the schistosity of the rock. 200.5 - 4.0 ft. dyke 40% ferro light pyrrhotite-pyrite, count over section averages 2X background count except for a 0.5 ft. section at 202.5 which has a 90X background count. A large crystal mass of uraninite is noted here and accounts for the count. 237.0 - end of hole				
<u>SAMPLING</u>	<u>FOOTAGE</u>	<u>SAMPLE NUMBER</u>			
	57.5 - 58.9	728			
	84.0 - 85.1	729			
	88.6 - 91.3	730			
	161.8 - 165.1	731			
	165.1 - 168.4	732			
	170.0 - 175.0	733			
	175.0 - 179.0	734			
	200.5 - 204.5	735			

[Handwritten Signature]

DIAMOND DRILL RECORD

PROPERTY AUMACHO RIVER MINES LIMITED

HOLE NO. 8

SHEET NUMBER _____

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
15.0 - 154.0	Biotite hornblende gneiss - dyke sections sent out for assay 33.2 - 10.2 ft. dyke described on page one.				
	64.0 - 4.2 ft. dyke 10% ferro trace pyrite trace fluorite.			Count averages 3X background count	
	73.3 - 0.7 ft. dyke 10%			3X	"
	100.8 - 2.8 ft. dyke 20%			3X	"
	138.0 - 5.0 ft. dyke 30%			with high at 100.9 of 15X.	
	145.8 - 1.1 ft. dyke 20%			Count averages 3X background count	
	150.0 - 0.6 ft. dyke 70%			3X	"
	18X background count. Section comprises a number of button like pieces of core each of which shows grinding.			with high of 14X at 146.2 feet	
	143.4 - 0.2 ft. dyke 20% ferro trace pyrite 3X background count			Count averages 5X with high at 150.3 of	
	151.6 - 0.1 ft. dyke 20%			"	
	152.0 - 0.1 ft. dyke 20%			"	
	above three sections possibly represent tails of radioactive dykes.				
154.0 - 165.0	Garnetiferous augen gneiss - sheared at 80° to 90° to C.A.				
165.0 - 278.5	Granitized biotite hornblende gneiss - sheared at 80° to 90° to C.A. Section is cut by seams up to 3" thick of massive hornblende mineralization, these seams parallel the schistosity of the rock. The rock exhibits a general brecciation.				
	252.5 - 0.3 ft. dyke 60% ferro trace pyrite				
	260.0 - 0.2 ft. dyke 60%				
	265.8 - 0.8 ft. irregular dyke 60% ferro trace pyrite				
	269.0 - 0.1 ft. dyke 30% ferro trace pyrite 4X background count				
	270.0 - 1.8 ft. dyke 40%				
278.5 - 295.0	Garnetiferous gneiss - sheared at 90° to C.A.				
295.0 - 304.0	Granitized biotite hornblende gneiss. 304.0 - end of hole				

