GM 19264

DIAMOND DRILL LOGS

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Énergie et Ressources naturelles
Québec

INO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+22	
195	+30½	+25

LEVEL 525	ELEVATION	HOLE No. S-[illegible] 297
LOCATION 5-730 Dr	BEARING S20W	SHEET No. 1
SECTION 79+00E	LENGTH 198'	LOGGED BY J. [illegible]
LATITUDE	CORE SIZE AX	PURPOSE [illegible]
DEPARTURE	FINISHED September 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A
0	8	SIDERITE ZONE. 80% brecciated siderite with associated chalco.	1.25	3386	0	4	4	1.10	.02			
			1.30	87	4	7	3	.90	.02			
8	18½	QUARTZ PORPHYRY. Buff colored 2% well developed quartz eyes. Not contaminated at all except last 2'. Contacts sharp at 80o to Core angle.	.90	88	22	27	5	.75	.01			
			.60	89	27	32	5	.75	.01			
			.20	90	32	37	5	.10	.01			
			.40	91	37	39	2	.30	.02			
18½	31	ALTERED ANORTHOSITE. Sericite chloritoid alteration. Blue green quite highly contaminated. Minor inclusion of feldspar porphyry over 6" at 26'	.2	92	163	167	4	0.15	tr			
			.2	93	181	186	5	0.10	tr			
31	41	INTERMEDIATE DYKE. Light grey brown slightly banded at 60o to core angle. Resembles quartz porphyry last 1' ~~xxxxxx~~. GOD ONLY KNOWS WHAT IT IS !!!	.2	94	186	190	4	0.20	.01			
41	50	BASIC DYKE. Dark green highly carbonatized slightly chloritized. 20% carbonate stringers throughout. Contacts grades over 2".										
50	55	ALTERED ANORTHOSITE. ~~Xxxx~~ Same as 18½-31'.										
55	77	BASIC DYKE. Same as 41-50'.										
77	121	ALTERED ANORTHOSITE. Same as above only has well developed sea ~~xxxx~~ and island texture throughout.										
121	124	QUARTZ PORPHYRY. Grey, banded. Much chloritoid. Split by anorthosite inclusion.										
124	147	ALTERED ANORTHOSITE. Sericite chloritoid alteration. Strongly foliated at 70o to core angle. Considerable carbonation										

ORTAGE ISLAND (CHIBOUGAMAU) MINES LIMITED

SHEET NO. 2

HOLE NO. 5-R-297

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS % ZN	AVERAGES
		giving weak sea and island texture.										
147	161	BASIC DYKE. Massive, greyn medium grained. Carries dark minerals probably chloritoid. Contacts sharp and chilled.										
161	163	ALTERED ANORTHOSITE. As above.										
163	169	BASIC DYKE. As above.										
169	186	ALTERED ANORTHOSITE. Generally as above - sericite chloritoid with carbonate veining and sea and island alteration.										
186	190	BASIC DYKE. Fine grained chloritized. Some mineralization. Mostly pyrite. Chilled contact.										
190	198	ALTERED ANORTHOSITE. As above.										
	198	END OF HOLE.										

INO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+20	
205	+25½	+20½

LEVEL 525	ELEVATION	HOLE No. 5-[illegible]-04
LOCATION 5-740 Dr	BEARING S20W	SHEET No. 1
SECTION	LENGTH 205'	LOGGED BY G.W.
LATITUDE 7S+50	CORE SIZE Ax	PURPOSE 80-6
DEPARTURE	FINISHED Sept. 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	
0	2	ALTERED ANORTHOSITE. Sericite chloritoid alteration. Siderite and carbonate veins.	.2	4875	0	4	4	.01	0.35				
			.2	76	4	9	5	tr	0.40				
2	15	BASIC DYKE (INTERMEDIATE) Light to medium grey. Much banded by the carbonate and siderite ~~xxxxx~~ veins. Medium grained. Contacts fairly sharp.	.3	77	22	27	5	tr	0.45				
			.2	78	27	32	5	.03	0.10				
15	21	ALTERED ANORTHOSITE. Sericite chloritoid alteration.											
~~xx~~	19	BASIC DYKE. As above.											
19	22	ALTERED ANORTHOSITE. Sericite chloritoid. Some sea and island alteration. Also carries apatite and leucoxene.											
22	27	BASIC DYKE. As above. Carbonated. A few thin quartz veins carrying specks of chalcopyrite.											
~~xx~~	~~xx~~												
27	37	ALTERED ANORTHOSITE. Sericite chloritoid, but with ~~xxxx~~ much irregular siderite and carbonate material- some pyrite.											
37	47	BASIC DYKE. Much as before. Dirty grey, less carbonate alteration. Contacts very sharp at 65o to core angle. Medium grained.											
47	58	ALTERED ANORTHOSITE. Sericite chloritoid but with good sea and island carbonation in part.											
58	44	BASIC DYKE. As above. Inclusions of altered anorthosite at 45'.											

RTAGE ISLAND (CHIBOUGAMAU) MINES LIMITED

SHEET NO. 2

HOLE NO. 5-R-304

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS % ZN	AVERAGES
96	106	ALTERED ANORTHOSITE. Sericite chloritoid alteration. But much patchy replacement by carbonate. Good apatite and leucoxene in places.										
106	118	BASIC DYKE (INTERMEDIATE). Mostly medium grey, coarse grained. But central section has strong carbonate veins. Dyke also carries chloritoid (chlorite ?). Contacts sharp at 80o to core angle and chilled.										
118	144	ALTERED ANORTHOSITE. As above. 142-144' has quartz veins. While there is fault gauge at 139'.										
144	154	BASIC DYKE. Dark grey, massive. Fine grained. Development of quartz siderite at contacts.										
154	205	ALTERED ANORTHOSITE. Mostly sericite chloritoid alteration. Very coarse chloritoid in developed in some sections- in places looks like amphibole. Slight mineralization. Incovering amount of sea and island carbonation towards end of hole.										
	205	END OF HOLE.										

COPPER RAND 'CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	flat	

LEVEL 525	HOR. COM.	HOLE No. 5-[illegible]
LOCATION 5-730 Dr	VERT. COM. Ax	SHEET No. 1
ELEVATION	BEARING S20W	LOGGED BY C.M.
LATITUDE 68+50	LENGTH 113'	PURPOSE [illegible]
DEPARTURE	FINISHED September 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RUN
0	88	ALTERED ANORTHOSITE. Sericite chloritoid alteration. Strongly sericitic along sheers. Elsewhere darker with dense chloritoid development, sometimes altered by patchy sea and island carbonation. 6" quartz vein at 38'. Patchy mineralization from 39-42'. Siderite and chlorite alteration with mineralization from 65-78'.	1.2	4968	40	44	4	.01	0.70				
			=35	4978	44	49	5	.02	0.15				
			x25	xxxxx									
			.25	4969	60	65	5	.01	.10				
			.65	70	65	68	3	.02	.10				
			.2	71	68	71	3	.01	.20				
88	90	INTERMEDIATE or BASIC DYKE. Light brownish grey. Medium grained. Chilled, fine grained margin.	x4 4.0	72	71	74	3	.03	9.70				
			.25	73	74	78	4	tr	0.30				
			.25	74	78	83	5	.03	0.25				
90	107	ALTERED ANORTHOSITE. As above. Sea and island carbonation becoming well developed over last 12'.	.2	75	83	88	5	.01	.10				
			.25	76	88	93	5	nil	.05				
			.2	77	93	96	3	tr	0.40				
107	108	DYKE. May be feldspar porphyry. Chilled contacts fawn grey with much chloritoid.											
108	109	ALTERED ANORTHOSITE. As before.											
109	113	DYKE. (BASIC OR PERHAPS FELDSPAR PORPHYRY). Light to medium grey. Massive. Has speckled appearance, perhaps due to carbonate alteration. Contact is fawn colored and carries much chloritoid.											
	113	END OF HOLE.											

IÑO MINING CORPORATION

_____ PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-47	
130	-52	-45

LEVEL 525	ELEVATION	HOLE No. 5- 307
LOCATION 5-730 Dr	BEARING S20W	SHEET No. 1
SECTION	LENGTH 130'	LOGGED BY
LATITUDE 68+50	CORE SIZE	PURPOSE
DEPARTURE	FINISHED September 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A
0	38	ALTERED ANORTHOSITE. Sericite chloritoid alteration with considerable sea and island carbonate alteration. Good leucoxene. Foliation moderately developed at 45o to c/a. Patchy mineralization. This xtz veins.	.25	4904	22	27	5	.30	.01			
			.30	05	33	38	5	.65	.02			
			.60	06	38	40	2	.25	.01			
			.25	07	40	44	4	.20	.01			
38	39	INTERMEDIATE DYKE. Pale brown. This quartz carbonate fractures.	.8	4979	70	75	5	0.55	.01			
39	40	ALTERED ANORTHOSITE. As above.	.2	80	104	109	5	0.35	.02			
40	41	INTERMEDIATE DYKE. As above. Patchy chalcopyrite.	.2	81	109	114	5	0.50	.02			
			8.0	82	114	117	3	12.00	.06			
41	130	ALTERED ANORTHOSITE. Generally as above. Up to 68' strongly developed sea and island carbonation with xxx no siderite. Siderite vein from 68-70' (mineralized). Beyond here it is dark white more chloritoid present in large coarse grained. Carbonation is patchy. There is a good ore from 114-117'. 117' end is sericite chloritoid with sea and island carbonation. Foliation is not well developed, being at 55o.	.4	83	117	119	2	0.80	.01			
	130	END OF HOLE.										

TIÑO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	flat	

LEVEL 525	ELEVATION
LOCATION 5-730 Dr	BEARING S20W
SECTION	LENGTH 125'
LATITUDE 69+50	CORE SIZE AX
DEPARTURE	FINISHED September 1966

HOLE No. 5-B-30

SHEET No. 1

309

LOGGED BY G.W.

PURPOSE

TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	REMARKS
		ALTERED ANORTHOSITE. Major part is sericite chloritoid altered anorthosite accompagned by much sea and island carbonation. Foliation is moderately developed at 80o to CA. Mineralization is poor being associated with carbonate and chlorite alteration. Leucoxene is often prominent, sometimes surounded by a mantle of ~~kyt~~ light green fuchsite. 67-68' speck veins.	.25	3380	0	4	4	0.30	.01				
			.20	81	4	9	5	0.10	.01				
			.2	82	71	76	5	0.20	.01				
			.30	83	76	79	3	~~xxxxx~~ 0.25	.01				
			.25	84	85	90	5	0.25	tr				
104	106	BASIC DYKE. Medium grey, medium grained. Much carbonate veining											
		Contact sharp at 90o.	.25	85	106	110	4	0.20	tr				
106	110	CARBONATE ZONE. Pale greyish, white carbonate. Contorted banding.											
110	111½	ALTERED ANORTHOSITE. Sericite, chlorite, carbonate alteration.											
111½	112	BASIC DYKE. Medium grey, medium grained, Massive speckled by carbonate. Carries pyrite.											
112	121	QUARTZ PORPHYRY. Pale grey. Much chloritoid. Banded.											
121	125	ALTERED ANORTHOSITE. Sericite chloritoid as above.											
	125	END OF HOLE.											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 275	HOR. COM.	HOLE No. 2-R-20
LOCATION 2-730 Dr.	VERT. COM. Ax	SHEET No. 1
ELEVATION	BEARING N20E	LOGGED BY G.W.
LATITUDE 69+00	LENGTH 15-380' = 365'	PURPOSE
DEPARTURE	FINISHED Sept. 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	CU CUM. W x A	AU CUM. W x A
5	352	ALTERED ANORTHOSITE. Largely sericite chloritoid alteration with well developed and large chloritoid clusters. Very	.2	4925	44	49	5	.01		0.35		
		sericitic along minor slips. There is slight carbonate alte-	.2	4946	95	100	5	tr		0.30		
		ration in parts. Apoliteis present at 55'. From 58' onwards	.35	4947	100	105	5	tr		0.40		
		there is much siderite veining but with no mineralization.	.2	4948	105	110	5	.02		0.60		
		Foliation only faintly developed at 80° to core axis. Side-	.3	4949	110	115	5	.02		1.25		
		rite veining continues up to ~~RQ~~ 186' in sericite chloritoid	1.1	4950	115	119	4	.01		0.55		
		anorthosite. There is good siderite from 161-165' which is	.25	4951	119	124	5	.01		0.60		
		mineralized. Many of the smaller stringers who carry chal-	1.5	4952	124	127	3	0.02		1.75		
		copyrite. The sections 186- 235' still sericite chloritoid	.25	4953	127	132	5	.02		0.30		
		alteration with strongly developed sericite along minor shears.	.2	4954	132	137	5	.02		0.45		
		It is ~~xxx~~ also carbonated. Minor stringers blebs of chalco	.2	4955	137	139	2	.01		0.35		
		in carbonate and siderite beyond 235' no visible chalco as-	1.35	4956	139	141	2	.02		0.95		
		sociated with siderite. Some type of altered anorthosite pre-	.2	4957	141	146	5	.01		0.35		
		sents until 352'. There is 6" quartz vein at 292'. Beyond	.2	4958	146	151	5	tr		0.40		
		295' there is much siderite veining with ~~xxxxxx~~ some chal-	.2	4959	151	157	6	.03		0.40		
		copyrite mineralization.	.2	4960	157	161	4	.01		0.20		
			.7	4961	161	165	4	.01		0.50		
352	357	INTERMEDIATE DYKE. Light grey but speckled by much chloritoid.	2.6	4962	165	170	5	.02		1.00		
		Contacts are carbonated and veined by siderite. Possibly in-	.35	4963	170	175	5	.01		0.90		
		termediate.	.2	4964	175	180	5	nil		0.45		
			.2	4965	180	185	5	nil		0.15		
357	380	ALTERED ANORTHOSITE. As above, with siderite ~~xxxxxxxxxx~~	.5	4966	185	189	4	.01		1.00		
		and some chalco veining last 3 feet are somewhat silicified.	.5	4967	189	192	3	.03		0.30		
			1.20	3201	210	213	3	.01		0.65		
	380	END OF HOLE.	.20	3202	213	218	5	tr		0.45		
			.20	3203	218	223	5	tr		0.15		
			.20	3204	223	228	5	.02		0.15		
			.20	3205	228	231	3	.01		0.20		
			.70	3206	231	234	3	.02		0.50		

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 2-R-20

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A
			.15	3207	233	239	6	.01		0.30		
			.15	3208	238	243	5	nil		0.15		
			.15	3209	243	248	5	.01		0.25		
			.15	3210	248	253	5	tr		0.20		
			.30	3301	295	300	5	.30		.01		
			.20	3302	300	305	5	.40		tr		
			.2	3303	305	310	5	.45		tr		
			.5	3304	310	315	5	.45		.01		
			.25	3305	315	318	3	.60		.01		
			2.1	3306	318	320	2	3.35		.03		
			.25	3307	320	325	5	.30		.01		
			.3	3308	325	330	5	.25		tr		
			.5	3309	330	334	4	.35		tr		
			.2	3310	334	339	5	.25		tr		
			.25	3311	339	344	5	.25		.02		
			.2	3312	344	349	5	.20		nil		
			.2	3313	349	354	5	.30		tr		
			.25	3314	354	358	4					
			.35	3315	358	363	5	.20		tr		
			.35	3316	363	368	5	.30		.01		
			.6	3317	368	373	5	.30		tr		
			1.6	3318	373	378	5	.35		.01		
			.6	3319	378	381	3	.25		.01		
			.20	3211	253	258	5	1.05		.01		
			.15	3212	258	263	5	.20		tr		
			.10	3213	263	268	5	.15		tr		
			.10	3214	268	273	5	.25		.02		
			.10	3215	273	277	4	.25		.02		

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	flat	

LEVEL	275
LOCATION	2-730 Dr
ELEVATION	
LATITUDE	70+00
DEPARTURE	

HOR. COM.	
VERT. COM.	Ax
BEARING	N20E
LENGTH	
FINISHED	September 1966

HOLE No. 2-R-23
SHEET No. 1
LOGGED BY J.
PURPOSE
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS OZ. AU	OZ. AG	% CU	CU CUM. W x A	AU CUM. W x A
0	13	BASIC DYKE. Dark green fine grained slightly chliritized locally. Resembles intermediate dyke in places. Contact sharp at 70° to core angle.	.15	3327	40	45	5	0.15	.01			
			.15	28	45	50	5	0.25	.01			
			.15	29	50	55	5	0.25	.01			
			.15	30	55	60	5	0.35	.01			
13	242	ALTERED ANORTHOSITE. ~~xx~~ Sericite chloritoid alteration. Light grey blue with occasional patch of green sericite. 10-20% siderite clebs and stringers throughout. Very minor sulphides chloritoid very coarsed grained. First 20' very highly sheared broken and chloritized.	.15	31	60	65	5	0.15	.02			
			.15	32	65	70	5	0.20	.03			
			.15	33	70	75	5	0.25	.01			
			.15	34	75	80	5	0.25	.02			
			.15	35	80	85	5	0.25	tr			
		70-71½' 100% quartz vein. Contacts ~~sjxxx~~ sharp at 30° to core angle.	.15	36	85	90	5	0.25	.01			
			.15	37	90	95	5	0.20	.01			
			.15	38	95	100	5	0.20	tr			
242	244	ACID DYKE. Buff to light brown resembles quartz porphyry but has no quartz eyes. Probably highly contaminated quartz porphyry. Contacts sharp at 80°.	.15	39	100	105	5	0.20	tr			
			.15	40	105	110	5	0.25	tr			
			.15	41	110	115	5	0.35	.02			
			.15	42	115	120	5	0.20	.tr			
244	291	ALTERED ANORTHOSITE. Same as 13-242'.	.15	43	120	1255	5	0.20	.tr			
			.15	44	125	130	5	0.25	.02			
291+			.15	45	130	135	5	0.25	.01			
			.20	46	135	140	5	0.25	.tr			
			.20	47	140	145	5	0.20	.01			
			.15	48	145	150	5	0.35	.02			
			.20	49	150	155	5	0.50	.02			
			.15	50	155	160	5	0.40	.03			
			.15	51	160	165	5	0.35	.03			
			.15	52	165	170	5	0.25	.01			
			.15	53	170	175	5	0.65	.01			
			.15	54	175	180	5	0.35	.01			
			.15	55	180	185	5	0.35	.01			
			.15	56	185	190	5	0.25	.01			
			.15	57	190	195	5	0.35	.02			
			.15	58	195	200	5	0.40	.01			

E PATIÑO MINING CORPORATION

SHEET NO.

HOLE NO. 2R23

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A
			.15	3359	200	205	5	0.25	.01			
			.15	60	205	210	5	0.30	.02			
			.20	61	210	215	5	0.30	.01			
			.20	62	215	220	5	0.25	.01			
			.20	63	220	225	5	0.20	.tr			
			~~1.00~~	~~64~~	~~225~~	~~230~~	~~5~~					
			1.00	64	225	227	2	0.40	.01			
			.20	65	227	230	3	0.45	.01			
			.20	66	230	235	5	0.20	.01			
			.15	67	235	240	5	0.30	.02			
			.15	68	240	245	5	0.20	.tr			
			.15	69	245	250	5	0.15	.02			
			.15	70	250	255	5	0.25	=03			
			.15	71	255	260	5	0.20	.tr			
			.90	72	260	262	2	0.40	.01			
			.30	73	262	267	5	0.25	.tr			
			.25	74	267	272	5	0.25	.01			
			.20	75	272	274	2	1.40	.01			
			.15	76	274	279	5	0.25	.01			
			.15	77	279	284	5	0.40	.01			
			.15	78	284	289	5	0.35	.01			
			.20	79	289	291	2	0.40	.02			

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-47	
100	-53½	-46½

LEVEL 250	HOR. COM.	HOLE No. 2-R-215
LOCATION 2-740	VERT. COM. Ax	SHEET No. 1
ELEVATION	BEARING N20E	LOGGED BY ISP
LATITUDE	LENGTH 100'	PURPOSE 78-3
DEPARTURE	FINISHED September 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERAL-IZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM W X A		RECOVE RUN	SH
0	84	ALTERED ANORTHOSITE. Sericite chloritoid schist. Mottled	0.30	3235	51	56	5	.65	.02						
		well sheared with sections of pure sericite and others of	0.20	3236	56	61	5	1.00	.02						
		large chloritoid specks.	0.30	3237	61	66	5	.50	.02						
		65-83' Rock is pantly ~~x~~ to completely replaced, by siderite.	0.80	3238	66	71	5	.80	.04						
		18' spot of chalco.	0.40	3239	71	76	5	.55	.02						
		46' spot of chalco.													
			0.80	3240	76	80	4	.80	.02						
84	100	BASIC DYKE. ~~Grzyxx~~ Grey medium grained massive to slightly	0.40	3241	80	84	4	.45	.02						
		schist. with few grey carbonate stringers but otherwise uni-													
		form.													
	100	END OF HOLE.													

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+22°	
125	+29	+23½

LEVEL	525	HOR. COM.	HOLE No. 5-R-296
LOCATION	5-740 Dr	VERT. COM. Ax	SHEET No. 1
ELEVATION		BEARING S20W	LOGGED BY CW
LATITUDE		LENGTH ~~15~~ 125'	PURPOSE H.W.
DEPARTURE		FINISHED September 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	CU CUM. W x A	AU CUM. W x A	RUN
0	2	ALTERED ANORTHOSITE. Sericite chloritoid alteration. Veined by thin siderite stringers.	.2	4879	0	4	4	.01	.	0.20			
			.25	80	4	9	5	.01		0.40			
2	7	BASIC OR INTERMEDIATE DYKE. Medium grey. Medium grained. Contacts sharp. Veined and bounded by carbonate and siderite.	1.5	81	38	40	2	.03		3.25			
			.35	82	40	45	5	.02		0.60			
7	21	ALTERED ANORTHOSITE. Sericite-chloritoid siderite carbonate veins. Minor chalcopyrite. Moderately foliated at 75°.	.75	83	83	86	3	.02		1.20			
			1.25	84	86	89	3	tr		0.80			
21	23	BASIC DYKE. Finely bounded by carbonate. Light grey color Contacts sharp at 60° to core angle.	.35	85	120	125	5	.01		0.25			
23	27	ALTERED ANORTHOSITE. As above.											
27	31	QUARTZ PORPHYRY. Contaminated at contacts with much chloritoid. The centre pale yellow white with quartz angen. Secondery pyrite.											
31	97	ALTERED ANORTHOSITE. Largely sericite chloritoid alteration But there is a good sea and island alteration in parts. There are thin veins of basic dyke between 38-48'. Some alteration around 88'.											
97	104	BASIC DYKE. Medium grained, massive medium grey. This carbonate veins. Sharp contacts at 90°.											
104	125	ALTERED ANORTHOSITE. As 31-97' A few thin dykes of intermediate in last 5 ft. Minor chalcopyrite.											
	125	END OF HOLE.											

IÑO MINING CORPORATION

~~PORTAGE~~ JACULET PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	Flat	

LEVEL	700
LOCATION	7 - 02 - E
SECTION	55 + 00 E
LATITUDE	
DEPARTURE	

ELEVATION	
BEARING	S 20 W
LENGTH	357
CORE SIZE	Ax
FINISHED	July 1966

HOLE No.	7J41
SHEET No.	1
LOGGED BY	W. Z.
PURPOSE	Extended fro 96' Sectional
TOT. RECOVERY	drillin

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
		Extended from 96' June 1966	Mineralization 1.7	2748	129	132	3	1.45	.01						
			.20	2749		137	5	0.10	.01						
96	201	Gabbro - Green chloritic, fine to coarse grained. Massive uniform.	.20	2750	319	321	2	0.35	.02						
		96 - 113 Slightly sericitic.													
		156 - 162 Carbonatized.													
		135 - 177 Contains 3 - 5% leucoxene.													
		HOLE TO BE SAVED FOR PERMANENT RECORD													
201	351	ANORTHOSITE (Altered)													
		Lower contact sharp at 70 deg. to core axis. Altered Gabbro seems to be encroaching upon feldspar.(anorth.) Anorthosite is saussitized with sections of more altered sericitic anorthosite from 217 - 227.													
		At 258 rock is a white massive highly feldsparithic coarse-grained rock.													
		At 262 saussericitized anorthosite.													
		At 287 Rock appears sheared becoming zoisitic.													
		At 302 same as 201 - 258													
		At 320 1/8" stringlet of chalco.													
	357	END OF HOLE													

IÑO MINING CORPORATION

CULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 700
LOCATION 7-2-58 N
SECTION
LATITUDE 58+00E
DEPARTURE

ELEVATION
BEARING N20E
LENGTH 200'
CORE SIZE Ax
FINISHED November 1966

HOLE No. 7-J-76
SHEET No. 1
LOGGED BY ISP
PURPOSE Sect. Drilling
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	125	ALTERED GABBRO- SEricite carbonate alteration. 50% siderite. Grey to brown sulphides present as disseminated chalco.	.5 1.0 1.5	925 926 927	0 5 10	5 10 13	5 5 3	0.65 0.35 0.50	.02 .02 .03						
12½	200	GABBRO. Contact sharp at 60o to core axis. Dark green with sections of mottled carbonate lighter green irregularly scattered through core. Also contains several white carbonate patches and veinlets. Some magnetite. Massive. No sulphides. 158' 6" Carbonate magnetite and spot of chalco.													
	200	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 700
LOCATION 7-02 E
SECTION
LATITUDE 58+50
DEPARTURE

ELEVATION
BEARING S20W
LENGTH 188'
CORE SIZE AQ
FINISHED May 1966

HOLE No. 7-J-77
SHEET No. 1
LOGGED BY WZ
PURPOSE Trace 58-5 zone
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
	42	GABBRO. Green, massive, medium to coarse grained with 5% quartz carbonate veins.	.70	2567	48	54	6	0.30	.02						
42	45	BRECCIATED. Core possibly fault zone.	.6	68	74	79	5	1.00	.02						
			.2	69	79	84	5	1.00	.01						
45	73	ALTERED AGABBRO. Slightly sericitic mottled in appearance contains footages of less altered gabbro. Green to blue and fine grained.	.3	70	84	89	5	0.90	.03						
			.7	71	89	94	5	1.20	.02						
			.7	72	94	99	5	0.30	.01						
			.3	73	99	104	5	0.65	.01						
73	121	ALTERED GABBRO (ANORTHOSITE) 73-96' sericite carbonate schist with section of massive siderite. 96-121' sericite chloritoid schist with patches of siderite and INTERMEDIATE DYKE.	.5	74	117	122	5	1.05	.03						
			1.4	75	122	127	5	1.10	.02						
			1.8	76	127	133	6	3.55	.04						
121	133	BASIC DYKE. Medium grey fine grained dense uniform texture.	2.0	77	187	188	1	0.45	.02						
133	161	ALTERED ANORTHOSITE. Apple green massive with feldspars ghosts up to 1.5" in diameter.													
161	176	BASIC DYKE. Same as 121-133' with no mineralizaton. Has the appearance of diabase.													
176	188	ALTERED GABBRO(ANORTHOSITE) Same as 45-73' footage. 2" chalco at end of core													
	188	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 700	ELEVATION	HOLE No. 7-J-84
LOCATION 7-02 E Dr	BEARING S20W	SHEET No. 1
SECTION	LENGTH 206'	LOGGED BY WZ--GW
LATITUDE 59+00E	CORE SIZE Ax	PURPOSE Trace 2-58 zone
DEPARTURE	FINISHED May 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	50	GABBRO. Medium to dark green coarse grained with 5-10% quartz carbonate veinlets.	.20	DDJ929	60	65	5	0.45	.04						
			.20	30	65	70	5	0.70	.03						
50	62	TRANSITION ROCK. Becomes finer grained light in color and contains progressive more carbonates altered to siderite.	.20	31	70	73	3	0.25	0.02						
			.30	32	132	137	5	0.45	.02						
62	206	ALTERED ANORTHOSITE. 62-74' Siderite vein. 74-92' sericite chloritoid schistose. 92-164' sericite chloritoid alteration but greater % of chloritoid. Gives rock darker appearance. Also gradual increase in carbonate in groundmass. For most part foliation is not strong and rock has massive granular appearance. Sulphides are minor, but where occur are in association with thin siderite bands. 164-197' Still sericite chloritoid alteration, but marked increase in amount of carbonate in groundmass with incipient sea and island textures. Rock is grey green in color and fairly massive. 9" buff dyke occurs at 191'. 197-206' Rock becomes strongly sericitic strongly sheared in parts with contorted foliation. Some sulphides- mostly pyrite.	.20	33	137	141	4	0.35	.02						
	206	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 700	ELEVATION	HOLE No. 7-J-87
LOCATION 7-02 E Dr	BEARING S20W	SHEET No. 1
SECTION	LENGTH 200'	LOGGED BY WZ
LATITUDE 64+00	CORE SIZE	PURPOSE Sect. Drilling
DEPARTURE	FINISHED June 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
	150	ALTERED ANORTHOSITE. 0-44' sericite alteration light green highly schistose at 80o to core axis, contains feldspars ghosts. 5-7' appears sheared. 44-86' sericite zoisite alteration fine grained blue grey to blue moderately schistose. 86-109' saussuritized anorthosite. 109-119' same as 44-86'. 118-128' same as 86-109'. 128-150' same as 44-86'.	.40	1071	128	134	6	0.40	.01						
150	200	FRESH ANORTHOSITE. Upper contact gradational over 3". Apple green coarse grained. Up to 1" phenocrysts in green grey fine grained matrix. After 182' becomes finer grained with some saussuritization and epidotization .													
	200	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 700
LOCATION 7-02 E
SECTION
LATITUDE 59+50
DEPARTURE

ELEVATION
BEARING S20W
LENGTH 167'
CORE SIZE Ax
FINISHED June 1966

HOLE No. 7-J-115
SHEET No. 1
LOGGED BY ISP
PURPOSE Development
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
	48	ALTERED ANORTHOSITE. Dark green variegated rock with green feldspathic blebs. Scattered veins and veinlets of siderite sericite and white carbonate. Intermediate dyke material at 41' and silicified brecciated vein material at 20' and 29'.	0.70	2692	11	15	4	.80	.02						
			0.70	93	15	20	5	.75	.03						
			0.75	94	46	49	3	0.70	.01						
			1.15	95	57	62	5	0.80	.02						
48	94	ALTERED ANORTHOSITE. Sideritic patch, tan grey and green. Sheared chloritoid, sericite and siderite alteration in varying amount. From 80' on becomes greyer and has much less if any siderite.	0.40	96	62	67	5	.55	.03						
			0.40	97	67	72	5	.40	.03						
			0.40	98	72	77	5	0.55	.01						
			2.60	99	77	80	3	3.20	.03						
94	102	QUARTZ. Massive white. Some massive copper.	1.10	700	90	95	5	1.15	.02						
102	167	ALTERED ANORTHOSITE. Grey rock with well developed sea and island texture. Some chloritoid espescially in last 20'. Sericite is locally important. No siderite	0.40		152	155	3	0.25	.02						
	167	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL	700
LOCATION	7-02 E Dr
SECTION	
LATITUDE	55+50
DEPARTURE	

ELEVATION	
BEARING	S20W
LENGTH	156'
CORE SIZE	Ax
FINISHED	April 1966

HOLE No.	7-J-116
SHEET No.	1
LOGGED BY	WZ
PURPOSE	
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	34	GABBRO. Green chloritic medium to coarse grained massive grading to	.60	2732	34	39	5	0.15	.01						
			.45	33	39	44	5	.75	.02						
			.20	34	44	49	5	.75	.01						
34	74	ALTERED GABBRO (ANORTHOSITE) 34-42' highly chloritic with patches of magnetite. 42-64' sericite siderite zone, 30% siderite. 64-74' sericite schistosity. 74-105' sericite zoisite alteration. Fine grained grey to blue.	.20	35	49	56	7	.70	.01						
			.75	36	56	60	4	1.50	.01						
			2.2	37	60	64	4	3.85	.04						
			.30	38	64	68	4	0.40	.01						
74	156	GABBRO. Same as 0-34' but fine grained and slightly sericite.													
	156	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL	700	ELEVATION	HOLE No. 7-J-117
LOCATION	7-02 E Dr	BEARING S20W	SHEET No. 1
SECTION		LENGTH 150'	LOGGED BY W.Z.
LATITUDE	54+50	CORE SIZE Ax	PURPOSE
DEPARTURE		FINISHED July 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
)	34	GABBRO. Green chloritic medium to coarse grained massive grading to	.50	2728	33	38	5	0.40	.02						
			.50	29	38	43	5	0.40	.02						
			1.00	30	43	46	3	1.35	.02						
34	62	ALTERED GABBRO. Sericite carbonate alteration becoming siderite at 42'. Reverging back to gabbro. (schistosity at 75o to core axis).	1.00	31	46	50	4	0.65	.03						
62	150	GABBRO. Same as 0-34', 108-117' epidotized, 123-150' contains 5-10% leucoxene.													
	150	END OF HOLE.													

IÑO MINING CORPORATION

JACULET MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	flat	

LEVEL 700	ELEVATION	HOLE No. 7-J-134
LOCATION 7-01 E Dr	BEARING N20E	SHEET No. 1
SECTION	LENGTH 212'	LOGGED BY WZ
LATITUDE 55+00E	CORE SIZE AX	PURPOSE Sect. Drilling
DEPARTURE	FINISHED July 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	2	BASIC DYKE. Medium grey fine grained uniform desseminated. Contact sharp at 80-90o to core axis.	.20	2762	85	90	5	0.35	.02						
			.60	63	90	93	3	0.30	.01						
2	26½	ALTERED ANORTHOSITE. Sericite zoisite alteration with patches of less altered sausseritized anorthosite.	.20	64	172	176	4	0.50	.02						
26½	71	ANORTHOSITE. Slightly sausseritized massive white to apple green medium to coarse grained feldspathic rock. Lower and upper contacts distinct but not sharp.													
71	120	ALTERED ANORTHOSITE. Sericite zoisite alteration some chlorite .5% leucoxene. Light green to blue with patches showing feldspars ghosts.													
120	125	ANORTHOSITE. Same as 26½-71'.													
125	129	ALTERED ANORTHOSITE. Same as 71-120'.													
129	172	ANORTHOSITE. Same as 26½-71'. 147-149' white feldspathic aphanitic rock, possibles albatized anorthosite. At 139', 6" quartz vein.													
172	176	BASIC DYKE. (ALTERED) Grey green fine grained chloritized with specks of chalco. Epidotized flow lines present. Contacts gradational over 1".													
176	212	ANORTHOSITE. Same as 26½-71'. 225-228' epidotized fine grained melt depicting flow structure.													
	212	END OF HOLE.													

IÑO MINING CORPORATION

CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-45	

LEVEL	200	ELEVATION	HOLE No. 2-C-38
LOCATION	200 M X/C	BEARING S83W	SHEET No. 1
SECTION		LENGTH 179'	LOGGED BY ISP
LATITUDE	39+86E	CORE SIZE Ex	PURPOSE
DEPARTURE	6+68N	FINISHED March 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	87	FRESH ANORTHOSITE. Mottled grey white and dark green. Massive non carbonated. Sausseritized feldspars phenocrysts to ½". Becomes greener and less mottled past 70'.	0.90	2144	87½	90½	3	.35	tr						
			0.10	2145	90½	94½	4	.05	tr						
			0.20	2164	110	111	1	.15	.01						
87	94	ALTERED ANORTHOSITE. Black fine grained slightly schistose rock.													
94	117	Traces of chalcopyrite. Patches of slightly altered anorthosite alternate with grey black altered anorthosite until 117'.													
117	179'	FRESH ANORTHOSITE. As 0-87'.													
	179	END OF HOLE.													

IÑO MINING CORPORATION

CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+55	

LEVEL 200	ELEVATION	HOLE No. 2-C-39
LOCATION 200 X/C	BEARING S	SHEET No. 1
SECTION	LENGTH 80'	LOGGED BY ISP
LATITUDE 44+50	CORE SIZE Ex	PURPOSE Test 200 S.
DEPARTURE	FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	19	ALTERED ANORTHOSITE. Grey sericitic rock grades into	0.30	2943	26	30	4	0.15	.01						
			0.50	2944	30	35	5	0.60	.03						
19	25	INTERMEDIATE DYKE. Grey massive medium grained rock,	0.20	2945	35	40	5	0.20	.02						
			0.20	2946	40	45	5	1.10	.04						
25	45	ALTERED ANORTHOSITE. Blue grey zoisite rock with carbonate al-	0.20	2947	45	50	5	0.20	.01						
		teration.	0.50	2948	50	54	4	0.60	.02						
			0.30	2949	54	58	4	0.40	.02						
45	55	QUARTZ. Grey to mottled with sulphides inclusions.	0.30	2950	58	61	3	0.55	.02						
			0.20	2951	61	65	4	0.35	.05						
55	66	INTERMEDIATE DYKE. Light grey fine grained massive rock with	0.30	2954	65	68	3	0.40	.02						
		some grey carbonate stringers.													
66	80	ALTERED ANORTHOSITE. Zoisitic and with carbonate alteration,													
		blue grey waxy rock.													
	80	END OF HOLE.													

IÑO MINING CORPORATION

CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+47	

LEVEL 200	ELEVATION	HOLE No. 2-0-40
LOCATION	BEARING S30E	SHEET No. 1
SECTION	LENGTH 126'	LOGGED BY WH
LATITUDE 44+65E	CORE SIZE Ex	PURPOSE
DEPARTURE	FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	35	ALTERED ANORTHOSITE. Medium dark grey sericite carbonate alteration. Foliation at 20o to core axis. Minor chalcopyrite and pyrite throughout to 14'. 14-20' foliation at 70o to core axis. Poorly foliated from 20-33'.	.7	4589	0	5	5	.01	0.20						
			.9	4590	5	10	5	.01	0.25						
			.4	4591	10	14	4	.02	0.35						
			.5	4592	45	48	3	.02	0.25						
35	45	BASIC DYKE. Dark grey fine grained even grained. Gradational contacts.	.6	4593	48	52	4	.01	0.20						
			~~Missing~~			~~52~~	~~56~~	*							
			Missing		52	56	4	missing							
45	116	ALTERED ANORTHOSITE. Medium grey, sericite carbonate alteration. 48-72' mineralized zone 1% Cu. ~~ho~~ pyrite in quartz carbonate. 82' 1' light green acid dyke. 88' 2' same acid dyke. Upper contact sharp at 50o to core axis. 91' 10" acid dyke. 93' 2" 3% Cu, 5% pyrite. 97' 2' acid dyke + 5% feldspars phenocrysts. Contacts sharp at 70o to core axis. 100-116' gradual appearance of feldspars ghosts - up to 40%.	.5	4594	56	60	4	.02	0.40						
			1.8	4595	60	66	6	.05	1.55						
			1.2	4596	66	71	5	.02	0.75						
	126	END OF HOLE.													

IÑO MINING CORPORATION

CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	flat	

LEVEL 200	ELEVATION	HOLE No. 2-Q-41
LOCATION 200 Dr	BEARING S86W	SHEET No. 1
SECTION	LENGTH 301'	LOGGED BY ISP
LATITUDE 40+50E	CORE SIZE Ex	PURPOSE Test N Zone
DEPARTURE	FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	99	FRESH ANORTHOSITE. Typical massive hard fresh anorthosite with 80-95% whitish green feldspars in darker green matrix. Crystals are small where visible. Up to ¼ inch. Contact at 99' is clearly defined.	3.00	2980	205	207	2	.06	6.00						
			0.10	2981	206	211	5	.03	0.25						
99	108	FELDSPARS PORPHYRY. Grey massive dyke medium grained with small light grey semi-transparent phenocrysts. Contacts sharp at 45 deg. to CA.													
108	203	FRESH ANORTHOSITE. White with greenish blue matrix. Hard with 80-90% well preserved angular to round feldspars up to ½" diameter. From 155' to 179' feldspars much coarser grained. At 192' feldspars crystals to ¾" and well shaped..													
203	257	ALTERED ANORTHOSITE. Black fine to medium grained slightly sheared rock. Minor sericite. By 235 is less altered and has fresh patches. 252-254' 1-3% pyrite plus 10" of 1.5% Cu. with 20% fine grained quartz carbonate zone at 45 deg. to core axis.													
257	301	FRESH ANORTHOSITE. Light grained grey. 50% light green euhedral feldspar crystals ranging from 1/8" to 1", 50% dark green fine grained groundmass. Last 10' lighter coloured due to increase in feldspar contact. Contact with altered anorthosite is gradual over 6".													
	301	END OF HOLE.													

IÑO MINING CORPORATION

CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
o	flat	

LEVEL 500	ELEVATION	HOLE No. 5-0-52
LOCATION 5-04 W Dr	BEARING Rope/N	SHEET No. 1
SECTION	LENGTH 99'	LOGGED BY ISP
LATITUDE 40+00	CORE SIZE	PURPOSE
DEPARTURE	FINISHED February 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	99	ALTERED ANORTHOSITE. D"rk grey to black well sheared chloritic rock with no visible feldspar or ghosts, well carbonated in sections. Sea and island texture at 80-88'. Quartz rich from 20-75'. There is a long section containing stringers, veins blebs and disseminated dark pyrite from 22-75' feet. This is associated with the quartz rich zone. Only a few specks of chalcopyrite noted.	0.30	1855	22	26	4	.25	.11						
			0.30	1856	26	30	4	.10	.02						
			0.20	1857	30	34	4	.15	.04						
			0.40	1858	34	38	4	.10	.01						
			0.20	1859	38	42	4	.10	.01						
			0.20	1860	42	46	4	.15	.02						
			0.20	1861	46	50	4	.40	.02						
			0.20	1862	50	54	4	.10	tr						
			0.20	1863	54	59	5	.20	.01						
	99	END OF HOLE.	0.20	1864	59	64	5	.65	.01						
			0.25	1865	64	69	5	.45	.02						
			0.20	1866	69	74	5	.20	.01						
			0.20	1867	93	96	3	.35	.02						

IÑO MINING CORPORATION

C CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-45	
102	-48	-41

LEVEL	800	ELEVATION	HOLE No. 8-Q-45
LOCATION	8-00 X/C	BEARING N52E	SHEET No. 1
SECTION		LENGTH 102'	LOGGED BY ISP
LATITUDE	43+50	CORE SIZE Ex	PURPOSE
DEPARTURE		FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	65	BLACK SCHIST - ALTERED ANORTHOSITE. Black fine grained well sheared rock with abundant carbonate alteration.	0.10	3135	38	43	5	.01	0.15						
			0.10	3136	43	48	5	.01	0.10						
			0.10	3137	48	53	5	.01	0.10						
65	80	BASIC DYKE. Dark grey massive homogeneous rock. Last 1' may be in altered anorthosite.	0.10	3138	53	58	5	.01	0.15						
			0.10	3139	58	63	5	.01	0.10						
		Very little sulphides.	0.30	3140	63	68	5	.03	0.35						
80	102	ALTERED ANORTHOSITE. Grey fine to medium grained slightly schistose with sporadic black chlorite flakes. Faint feldspars.	0.10	3k 4760	81	83	2	.02	0.10						
	102	END OF HOLE.													

IÑO MINING CORPORATION

C CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-50	
80	-57	-50

LEVEL	800
LOCATION	8-02 E
SECTION	
LATITUDE	44+00
DEPARTURE	

ELEVATION	
BEARING	N
LENGTH	80'
CORE SIZE	Ex
FINISHED	August 1966

HOLE No.	8-Q-46
SHEET No.	1
LOGGED BY	ISP
PURPOSE	
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	80	ALTERED ANORTHOSITE. Black schistose. Dark carbonaceous rock cut by many grey carbonate veinlets and streaks. 12-13' quartz carbonate vein grey brecciated. 30-31' green dyke like section 40-43' Pyrrhotite pyrite chalco in dark grey rock. 60-66' lighter grey in color. Small specks and blebs of pyrite throughout hole.	0.20	3114	0	5	5	.01	0.30						
			0.20	3115	5	10	5	.01	0.15						
			0.10	3116	10	14	4	.01	0.20						
			0.10	3117	14	19	5	.01	0.15						
			0.10	3118	19	24	5	.02	0.10						
			0.10	3119	24	29	5	.01	0.15						
			tr	3120	29	31	2	.04	0.15						
	80	END OF HOLE.	0.30	3121	31	34	3	.06	0.50						
			0.10	3122	34	38	4	.01	0.10						
			0.80	3123	38	42	4	.06	1.75						
			0.10	3124	42	45	3	.02	0.15						
			trace	3125	62	66	4	.02	0.10						

IÑO MINING CORPORATION

BEC CHIBOUGAMAU PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-40	

LEVEL	800	ELEVATION	HOLE No. 8-Q-47
LOCATION	8-02 E	BEARING N	SHEET No. 1
SECTION		LENGTH 87'	LOGGED BY ISP
LATITUDE	44+50	CORE SIZE Ex	PURPOSE
DEPARTURE		FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	45	BLACK SCHIST. Highly schistose chloritic and carbonaceous rock. Some white quartz veining particularly at 13-15'. Minor sulphides disseminated throughout and particularly from 25-28'.	0.20	4761	0	5	5	tr	0.10						
			0.20	4762	5	7	2	.02	0.35						
			0.20	4763	24	28	4	.04	0.10						
45	76	ALTERED ANORTHOSITE. Grey fine to mediuom grained slightly to medium schistose with few faint feldspars.	0.10	4764	28	31	3	.02	0.05						
			0.30	4765	40	41	1	.02	0.90						
76	87	INTERMEDIATE DYKE. Tan-grey massive uniform rock.	0.20	4766	44	45	1		.25	.02					
	87	END OF HOLE.													

TIÑO MINING CORPORATION

CC CHIBOUGAMAU MINE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	-45	
73	-45	-38

LEVEL	800
LOCATION	8-02 W
SECTION	
LATITUDE	43+50
DEPARTURE	

ELEVATION	
BEARING	N
LENGTH	73'
CORE SIZE	Ex
FINISHED	August 1966

HOLE No.	8-Q-48
SHEET No.	1
LOGGED BY	ISP
PURPOSE	
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	73	ALTERED ANORTHOSITE. Black schist. highly schistose, carbonated rock with much contortions and carbonate alteration from 30-50'. Ground 1' at 34, 1' at 68'.	0.10	3153	35	37	2	.05	.01						
			0.05	3154	37	39	2	0.10	.01						
			0.50	3155	56	61	5	0.60	.02						
	73	END OF HOLE.													

IÑO MINING CORPORATION

_____ PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	F	

LEVEL	1620	ELEVATION	AX
LOCATION	16-710 Dr.	BEARING	N 20 E
SECTION	95+50 E	LENGTH	53
LATITUDE		CORE SIZE	
DEPARTURE		FINISHED	MARCH 66

HOLE No. 16R264
SHEET No. 1
LOGGED BY GSH
PURPOSE Sectional
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	REC RUN
0	53	ALTERED TO FRESH ANORTHOSITE * Mottled white and green with a sericitized matrix and fresh tohighly sericitized felspars, massive.											
	53	END											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	F	

LEVEL 1600

LOCATION 16-740 Dr.

ELEVATION 98+00

LATITUDE

DEPARTURE

HOR COM

VERT. COM.

BEARING S20 W

LENGTH 134

FINISHED APRIL 1966

HOLE No.

SHEET No.

LOGGED BY G.W.

PURPOSE

TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W x A	ASSAYS AU CUM W x A		RECOVERY RUN	RECOVERY SHORT
0	59	ALTERED ANORTHOSITE * Mostly sericite and carbonate alteration. 0-24 is strongly carbonatised, while from 24-54 is mostly entirely sericite. Foliation is 50° to core. Veining is slight. Color of rock varies from mid grey to dirty white. Last 3' are highly carbonatised.	.3	2282	83	87	4	.75	.02							
			1.8	3	87	92	5	1.10	.03							
			1.5	4	92	97	5	.95	.03							
			.2	5	97	102	5	120	.02							
59	69	BASIC DYKE * Medium grained and chilled contacts. mid grey color. Fine latter visible. Massive and thinly veined by carbonate.														
69	134	ALTERED ANORTHOSITE * Strongly foliated and sheared Sericite/chloritoid alteration. Chloritoid only poorly developed Thin basic dyke (6") present at 69'. Mineralised from 84-98 chalcopyrite and pyrites. Last 30' are veined by thin bands of carbonate. This entire section gives impression of having [illegible] from strongly sheared zone.														
		HOLE ENDS 134'														

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST			LEVEL	HOR. COM.	HOLE NO.
FOOTAGE	ANGLE: RECORDING	ANGLE: CORRECTED	LOCATION	VERT. COM.	SHEET NO.
			ELEVATION 97+00	BEARING	LOGGED BY
			LATITUDE	LENGTH	PURPOSE
			DEPARTURE	FINISHED	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM W x A	RECOVERY
		DEEPENED											
134	168	ALTERED ANORTHOSITE * Highly sheared and very schistose sericite zoisite alteration considerable carbonation and carbonate veining. Quartz vein from 142-144 Some mineralisation; but patchy.	0.65	4160	158	163	5	0.75	.02				
			0.25	4161	163	168	5	0.40	.01				
			0.2	4162	168	173	5	0.20	.01				
			0.25	4163	196	201	5	0.45	.01				
168	170	BASIC DYKE * Mid-grey banded by carbonates and highly sheared.	0.2	4164	201	206	5	0.10	.01				
170	206	ALTERED ANORTHOSITE Much as above. Still strongly sheared carbonated and occasionally mineralized. From 184-194 there is much quartz veining core recovery only 50% over last 10 ft.											
	86												
	206	END ~~OF~~ OF HOLE											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1600	HOR. COM.	HOLE No 16R313
LOCATION	16740 Dr	VERT. COM. AX	SHEET No. 1
ELEVATION		BEARING S 20 W	LOGGED BY G.W.
LATITUDE	91+50	LENGTH	PURPOSE
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	REC RUN
0	80	ALTERED ANORTHOSITE Basically sericite zoisite alteration but is strongly carbonatised in many places producing greyish rock. Possible basic dyke from 8-10 ft. Sea and island texture poorly developed. Section is sporadically mineralized by sulphifdes (mostly pyrite) throughout. This is after accompanied by intense chlorite alteration 3" quartz vein occurs at 24'	0.35	3990	0	5	5	0.25	tr				
			0.25	1	5	10	5	0.35	.01				
			0.20	2	10	12=		0.45	.01				
			1.50	3	12	14		2.75	.02				
			0.2	4	14	19		0.40	.01				
			0.2	5	19	24		0.25	.02				
			0.2	6	24	29		0.20	.02				
			0.2	7	29	34		0.10	tr				
	80	END OF HOLE	0.2	8	34	39		0.10	tr				
			0.2	9	39	44		0.15	tr				
			0.25	4000	44	49		0.15	tr				
			0.40	1	49	54		1.10	.03				
			1.00	2	54	58		1.95	.02				
			0.45	3	58	63		0.65	.02				
			0.25	4	63	66		0.35	.01				
			0.75	5	66	71		0.75	.01				
			1.50	6	71	73		0.70	.01				
			0.30	7	73	75		0.15	.01				
			0.90	8	75	80		1.95	.03				

E PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 16-R-313

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
92	102	ALTERED ANORTHOSITE. Grey with occasional greenish sericitic patches. Considerable grey carbonate alteration. Good contact	0.20	5102	92	97	5	.20	.01						
			0.20	5103	97	102	5	.1[illegible]	tr						
			0.20	5104	102	105	3	.20	.01						
102	113	BASIC DYKE. Grey green medium grained uniform slightly sheared rock. Grey carbonate as patches and irregular veinlets.	.40	5127	113	118	5	0.55	.01						
			.20	5128	118	123	5	0.30	.01						
113	163	ALTERED ANORTHOSITE. Sericite alteration. Dirty grey with blue black patches. Abundant sericite giving rock soft nature. Very ~~xxxx~~ highly sheared with string foliation at ~~xxxx~~ 80° to core angle. Minor ~~xxxx~~ drag folding throughout. 10% Carbonate blabs and stringers throughout.	.20	5129	123	128	5	0.15	.02						
			.20	5130	153	158	5	0.25	.01						
			.20	5131	158	163	5	0.30	.02						
		153-154½' Quartz vein. Irregular contacts with 3% anorthosite inclusions.													
163	174	QUARTZ PORPHYRY. Very highly contaminated dirty grey slightly banded. Less than 1% poorly developed quartz eyes. Foliated at 30° to core angle. Contacts grade over 3".													
174+															

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST			LEVEL	HOR. COM.	HOLE No. 16R330
FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED	LOCATION	VERT. COM. AX	SHEET No. 1
			ELEVATION	BEARING S 20 W	LOGGED BY GW
			LATITUDE	LENGTH 156'	PURPOSE
			DEPARTURE	FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOVER
0	53	ALTERED ANORTHOSITE * Grey coloured sericite carbonate schist foliated 75° A few thin carbonate veins No mineralisation	0.25	4434	94	98	4	0.45	.02				
			0.50	5		102	4	1.30	.02				
			0.20	6		107	5	0.35	.02				
53	61	BASIC DYKE * Mid-grey fairly massive medium grained in centre chilled at contacts carbonated.	0.20	7		112	5	0.30	.01				
			0.20	8		117	5	0.20	.01				
			0.20	9		122	5	0.25	.01				
61	67	ALTERED ANORTHOSITE * As 0-53	0.40	40		126	4	1.15	.02				
			0.25	1		131	5	0.85	.02				
67	73	BASIC DYKE As above but fresh contact at 45° and carbonated	0.20	2		137	3	1.15	.02				
			1.70	3		142	2	3.90	.05				
73	83	PORPHYRY (FELDSPAR) Pale greyish green banded. Some chlorite feldspar ghosts sheared to augen. Strongly foliated 45°	0.20	4			5	0.70	.01				
83	85	BASIC DYKE As 67-73											
85	100	ALTERED ANORTH * Much as above. but blackish chlorite alt. with some mineralisation											
100	105	BASIC DYKE * As above bue mineralized											
105	127	ALTERED ANORTH * Sericite carbonate alt. Great amount of carbonate veining. some quartz some chalco pyrite.											
127	134	BASIC DYKE * Intermittent development of basic dyke in altered alt. Patchy mineralized.											
134	156	ALT ANORTH * Sericite carbonate alt. carbonate banding. Scattered mineralisation Good ore at 137! with associated chlorite											
	156	END OF HOLE											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0		

LEVEL	1620	HOR. COM.	HOLE No. 16R332
LOCATION	16-740	VERT. COM.	SHEET No. 1
ELEVATION		BEARING S 20 W	LOGGED BY JT.
LATITUDE	95+00	LENGTH 153'	PURPOSE
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM W x A
0	64	ALTERED ANORTHOSITE Relatively fresh fitst 6' with 30% quite well preserved feldspar X/S with distinct Xtl. boundaries. bourdries. Grades over 2' into blue black sericite zoisite An. with occasional highly altered fledspar ghost.	0.15	3700	37	40	3	0.15	.02			
			0.30	3701		42	2	0.10	.02			
			0.10	3702		47	5	0.15	.01			
			0.10	3703	56	58	2	0.05	.01			
			0.10	3704		61	3	0.05	.01			
64	75	BASIC DYKE Dark grey brown with greenish tinge. Fine grained dense. contacts sharp at 60 to C.A.	0.25	3705	95	97	2	0.40	.01			
75	91	ALTERED ANORTH. SAME As 0-64	0.20	3737	141	146	5	0.30	.01			
			0.15	3738		151	5	0.20	.01			
91	108	BASIC DYKE * Same as 64-75 only contact at 91 very graditional over 2' Minor sulphides at 96'.	0.15	3739		153	2	0.05	tr			
108	109	ALT. ANORTH. Same as 2-64										
109	112	QUARTZ PORPHYRY * Highly contaminated light buff brown with 5% coarse grained quartz eyes. contacts sharp at 80° to C.A.										
112	153	ALT. ANORTH. Same as 2-64 Pyrite zone at 141 to 151'.										
	153	END OF HOLE										

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 16-R-332

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	RECOVERY RUN	RECOVERY SHOT
153	174½	ALTERED ANORTHOSITE. Sericite zoisite alteration. Blue grey to blue black with some dirty buff sections of high sericite. 30% sulphides from 158-168'. Sulphides 90% pyrite in carbonate matrix.	.30	5016	153	158	5	.30	.01					
			.30	17	158	163	5	.25	.01					
			.20	18	163	168	5	.25	.02					
			.40	19	168	173	5	.25	.01					
			.45	20	173	178	5	.30	.02					
174½	177	QUARTZ PORPHYRY. Very highly contaminated with carbonate highly sheared. Quartz eyes quite well developed . Contacts sharp at 65° to CA.	.20	21	178	183	5	.15	.01					
			.10	22	183	188	5	.20	tr					
			.10	23	188	193	5	.10	.01					
			.20	24	193	198	5	.30	.01					
177	202	ALTERED ANORTHOSITE. Same as 153-174½'. Inclusions of quartz porphyry from 185 to 193'. 201-202' 1' quartz vein with inclusions of anorthosite. Contacts sheared and broken.												
202	223	QUARTZ PORPHYRY. Same as 174½-177' only has dirty broken green sections. Resembles intermediate dyke in places and is slightly banded throughout.												
	223	END OF HOLE.												

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1620	HOR. COM.	HOLE No. 16R-3
LOCATION	16-740 Dr.	VERT. COM.	SHEET No. 1
ELEVATION	97+00 E	BEARING N 20 E	LOGGED BY J.T.
LATITUDE		LENGTH 101	PURPOSE 2,1
DEPARTURE		FINISHED JULY 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A
0	101	~~ALT~~ FRESH ANORTHOSITE Buff colored with 30% angular feldspar up to 1" diameter but mostly $\frac{1}{4}$" . Highly silicified locally. Minor inclusions of alt. An iver $1\frac{1}{2}$' with traces of sulphides mostly pyrite. 6" quartz vein at 34' with sharp contacts at 30° to C.A.	0.10	3706	77	79	2	0.05	.01			
	101	END OF HOLE										

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	FLAT	

LEVEL	1600	HOR. COM.	HOLE No. 16R334
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No. 1
ELEVATION	99+00	BEARING S 20 W	LOGGED BY G.W.
LATITUDE		LENGTH 51	PURPOSE
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOVERY RUN	RECOVERY CHO
0	29	ALTERED ANORTHOSITE Sericitic schist strongly sheared. with foliation at 45° Considerable carbonatisation grey colour A few thin quartz and carbonate veins. Some sections Look like sheared basic dyke... Mineralized contact with basic dyke.	0.25	3634	24	29	5	0.20	.03					
			0.35	3635	29	31	2	3,00	.02					
			3.5	3636	31	36	5	0.30	.01					
			0.75	3637	36	38	2	0.65	.01					
29	32	BASIC DYKE * Mid-grey medium grained contacts vague.												
32	39	ALTERED ANORTHOSITE Sericitic schist again. Contact at 32' is mineralized and carbonatised.												
39	41	BASIC DYKE * As above.												
41	51	ALTERED ANORTHOSITE Sericitic schist again. considerable quartz vein.												
		END												

E PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 16R334

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION.	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	RECOVERY RUN	RECOVERY SHORT
51	197	ALTERED ANORTHOSITE (?) Almost entire section is in highly sheared	0.30	3849	51	54	3	0.15	tr					
		zone producing sericitic schist sericitic chloritic	0.2	3850		59	5	0.15	.01					
		schists, highly carbonated throughout. Rock varries from light	0.35	3851		62	3	0.10	.01					
		green grey to whitish yellow to grey/ black difficult to	0.2	3852		67	5	0.35	.02					
		discern very ? features of rock because of strong shear	0.2	3853		72	5	0.10	.01					
		indluded foliation. Faint sheared sea and island texture	0.2	3854		77	5	0.10	.01					
		seen in parts.	0.25	3855		82	5	0.20	.01					
		Crowed conditions are bad due to very strong foliation												
		and core is much broken with slight loss.												
		Mineralisation over the first 30 feet but much of this is												
		pyrite.												
	197	END OF HOLE												

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1600	HOR. COM.	HOLE No. 16R335
LOCATION	16-740 Dr.	VERT. COM.	SHEET No. 1
ELEVATION	99+00	BEARING N 20 E	LOGGED BY G.W.
LATITUDE		LENGTH 153'	PURPOSE
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A		RECOV RUN
0	50	ALTERED ANORTH * First 20' are strongly sericitic and highly schistose grey rock. Only small amounts, of chloritoid. some carbonatisation.												
		20-50 less schistose and sericitic. General carbonatisation has progressed a long wall with whole rock altered in p places greenish yellow colour and more massive then first part. No mineralisation.												
DEEPENED		FROM 50												
50	79	ALTERED ANORTH * Sericite zoisite alt. buff to light green with blue grey patches. feldspar ghosts start to appear at 61' and increse to 20% at 79'.	0.05	3736	76	78	2	0.05	tr					
			0.10	3771	140	143	3							
79	153	FRESH ANORTH Grades over 1' into fresh an with 30% well preserved but silicified feldspars up to ½" diameter Feldspar quite highly sheared and fractured.												
		Altered section from 141 to 143 with 20% pyrite. grades into fresh over 1½'												
	153	END OF HOLE												

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1600	HOR. COM.	HOLE No. 16R336
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No. 1
ELEVATION		BEARING N 20 E	LOGGED BY G.W?
LATITUDE	98+50	LENGTH 49	PURPOSE Test
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERAL-IZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	OZ. AG	% CU	CU CUM. W x A	AU CUM. W x A	RUN
0	49	ALTERED ANORTH. * Highly sheared, siricite schist Some chloritoid considerable carbonatisation in places with weak sea and island. generally yellowish green to grey color foliation strong in schists at 55° No mineralisation.											
	49	END OF HOLE											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1600
LOCATION	16-740 Dr.
ELEVATION	98+50
LATITUDE	
DEPARTURE	

HOR. COM.	
VERT. COM.	AX
BEARING	S 20 W
LENGTH	100
FINISHED	JULY 1966

HOLE No.	16R337
SHEET No.	1
LOGGED BY	G.W.
PURPOSE	Test wall 16-740 Dr.
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A		RECOVE RUN	SHO
0	5	ALTERED ANORTHOSITE Chlorite carbonate alteration. Dark greenish colour and mineralized by patchy chalcopyrite.	3.0	3613	0	2	2	2.70	.02						
			6.0	3614	2	6	4	4.55	.03						
			0.3	3615	6	9	3	0.15	.01		11' @ 2.50% Cu.,		0.02 oz Au.		
5	7½	BASIC DYKE Massive fine-grained medium grey colour.	3.0	3616	9	11	2	1.70	.02						
7½	48	ALTERED ANORTHOSITE *	0.45	3617	3.5	39	4	040	.01						
		7½ - 9 Highly chloritized With some chalcopyrite.	0.8	3618	39	43	4	0.85	.02						
			1.1	3619	43	47	4	1.05	.03						
		9-36 Highly sericitic and schistose with patchy carbonate alteration. Foliation strong at 60°													
		36-47 confused zone of sericite alteration with some chloritisation mineralisation and quartz carbonate veining. Mostly pyrite													
		47-48 Sericitic schist.													
48	50	BASIC DYKE * Sheared Pale grey color. carbonated.	0.3	4045	65	70		0.10	tr						
			0.45	4046		75		0.15	tr						
50	100	ALTERED ANORTHOSITE *	0.25	4047		80		035	.02						
		50-64 Sericite schist. Highly schistose and almost entirely of sericite. A few quartz carbonate veins.	0.50	4048		85		0.45	.04						
			033	4049		90		0.30	.03						
			0.35	4050		95		0.30	.01						
		64-100 Schist becomes blackish with chlorite (?) Also considerable sulphide mineralisation but mostly pyrite. Well carbonated . Foliatedm strongly at 70° - 55°	0.30	4051		100		0.35	.01						
	100	END OF HOLE													

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1620	HOR. COM.	HOLE No. 16R338
LOCATION	16-740 Dr.	VERT. COM.	SHEET No. 1
ELEVATION	98+00 E	BEARING S 20 W	LOGGED BY J.T.
LATITUDE		LENGTH 99'	PURPOSE
DEPARTURE		FINISHED JULY 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A
0	83	ALTERED ANORTHOSITE * Sericite zoisite alt. Blue grey to lith grey green High of sericite Minor feldspar ghosts Rock strongly sheared at 80° to C.A. but not badly broken.	0.40	3856	0	5	5	0.25	.01			
			0.40	3857		10	5	0.80	.02			
			0.40	3858		15	5	040	.02			
			0.40	3859		20	5	0.90	.01			
		20% pyrite with minor chalco first 25' in ¼" to 1" stringers and blebs.	0.40	3860		23	3	0.50	02			
		Many well developed drag foldes ¼ to ½" amplitute	0.25	3861		72	4	0.45	.02			
		70% quartz from 62-71 with brecciated and chloritoid inclusions of An. Minor blebs of chalco at 69'	0.60	3862		89	5	015	.02			
			0.20	3863		94	5	0.10	.01			
83	86½	BASIC DYKE Dark green quite heavily chloritized strongly sheared at 75° to C.A. Quite heavily carbonitized Minor pyrite and chalco throughout. Contact at 86½ grades over 6" Other contact sharp at 70°										
86½	99	ALTERED ANORTH * Same as 0-93½										
	99	END OF HOLE										

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1620	HOR. COM.	HOLE No. 16R339
LOCATION	16-740	VERT. COM.	SHEET No. 1
ELEVATION	98+00 E	BEARING N 20 E	LOGGED BY J.T.
LATITUDE		LENGTH 73	PURPOSE
DEPARTURE		FINISHED MULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERAL-IZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A		RECOVERY RUN	RECOVERY SHOR
0	27	ALTERED ANORTHOSITE * Sericite zoisite alt. Buff to blue grey with 40% sericite ground only moderately sheared Occasional highly altered feldspar ghost.	0.25	3864	41	45	4	0.10	.01						
27	33	BASIC DYKE * Grey brow fine grained dense rock Highly carbonatized with 30% carbonate throughout. Contacts sharp at 70° to C.A.													
33	50	ALTERED ANORTH * same as 0-27 only more fledspar ghosts. and better preserved.													
50		FRESH ANORTH * Massive highly silicitied with much brown red leucoxene patches. Feldspar ½" diameter at highly sheared and fractured.													
	73	END OF HOLE													

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1620	HOR. COM.	HOLE No. 16R340
LOCATION	16-740 Dr.	VERT. COM.	SHEET No. 1
ELEVATION	97+50 E	BEARING S 20 W	LOGGED BY J.T.
LATITUDE		LENGTH 128	PURPOSE
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	CU CUM. W x A	AU CUM W x A		RECOVER RUN	RECOVER SHO
0	47	ALTERED ANORTHOSITE * Sericite zoisite alt. Blue grey with a fair amount of buff sericite. 10% carbonate blebs patches and stringers. Ground very highly foliated but not broken. Foliation at 70° to C.A. Well mineralized throughout but mostly pyrite.	0.75	3865	0	3	3	1.30	.04						
			0.50	66		8	5	0.40	.02						
			0.30	67		13	5	0.20	.02						
			0.20	68		18	5	0.15	.02						
			0.20	69		23	5	0.10	.02						
			0.15	70		28	5	0.10	.02						
47	52	QUARTZ PORPHYRY * Highly contaminated sehi and sheared at 70° to C.A. 2% quartz eyes well developed up to ½" diameter Contacts sharp and slightly chilled over 6"	0.15	71		33	5	0.10	.02						
			0.30	72		38	5	0.15	.01						
			0.15	73		43	5	0.40	.01						
			0.15	74		48	5	0.10	.01						
			0.10	75		53	5	0.10	.01						
52	112	ALTERED ANORTH Same as above with more Cu. Mineralization in quartz carbonate zone from 52 to 66	1.00	76		57	4	0.75	.02						
			1.50	77		61	4	0.40	.02						
			0.10	78		63	2	2.40	.03	6' @ 2.30% Cu., 0.02 oz Au.					
112	113	QUARTZP PORPHYRY * Same exactly as 47-52	0.10	79		67	4	0.25	.02						
			0.20	80		72	5	0.15	.01						
113	128	ALT. ANORTH. * Same as above only blue black in colour and has no sulphides.	0.25	81		77	5	0.05	.01						
			0.20	82		82	5	0.15	.01						
			0.20	83		87	5	0.80	.01						
	128	ENDO OF HOLE	0.20	84		92	5	0.20	.01						
			0.20	85		97	5	0.15	.01						
			0.20	86		99	2	0.40	.01						
			0.30	3887	112	117	5	0.05	.01						

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	flat	

LEVEL 1620
LOCATION 16-740 Dr
ELEVATION 100+00E
LATITUDE
DEPARTURE

HOR. COM.
VERT. COM.
BEARING S20W
LENGTH 50'
FINISHED September 1966

HOLE No. 16-R-342
SHEET No. 1
LOGGED BY J. TULLY
PURPOSE Test walls of
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A
0	50	ALTERED ANORTHOSITE. Sericite zoisiteaalteration. Blue black to grey with 30% mineralization throughout in carbonate matrix. Habit consists to blebs and stringers of mostly fine grained material 90% of mineralization is pyrite. Rock resembles black chloritic schist. Very well foliated at 80o to core angle. Possible sheared and brecciated basic dyke from 45 to 500. Inclusion up to 8" and slightly banded. Looks like chilled portions of basic dyke.	.25	5001	0	5	5	.60	.02			
			.30	02	5	10	5	.35	.01			
			.20	03	10	15	5	.15	.01			
			.20	04	15	20	5	.10	.01			
			.20	05	20	25	5	.15	.01			
			.20	06	25	30	5	.10	.01			
			.20	07	30	35	5	.15	.01			
			.20	08	35	40	5	.15	.01			
			.40	09	40	45	5	.15	.02			
			.30	10	45	50	5	.05	.03			
	50	END OF HOLE.										

RECO
RUN

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL	1000
LOCATION	10-85-7 E Cut
ELEVATION	86+18 E
LATITUDE	AX
DEPARTURE	

HOR. COM.	
VERT. COM.	
BEARING	S 20-W
LENGTH	345'
FINISHED	JULY 66

HOLE No. CR 230

SHEET No. 1

LOGGED BY J.T.

PURPOSE Expl.

TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	OZ. AG	% CU	CU CUM. W x A	AU CUM. W x A
0	52½	ALTERED ANORTHOSITE * Sericite zoisite alt. Dark to med. green quite highly chloritized first 15' spots of chalco in carbonate veins throughout. Carbonate mostly very vuggy core quite vuggy from 50 to 57 but ground conditions good.	0.40	3707	264	266	2	1.60	.02			
52½	56	BASIC DYKE * Dark green black slightly carbonitized Contact sharp at 80° to C.A. Core quite blocky and vuggy but not ground.										
56	104	ALTERED ANORTHOSITE * Sericite zoisite alt. Buff colored with 10% highly saussuritized feldspar ghosts. Minor vugs at78 to 93.										
104	144	BAD GROUND * Quite highly leached vugy grounds slightly stained with siderite oxide badly ground 45% recovery Contains minor pyrite beyond 155 core recovery 30% core very sericitic and resembles gravel. Much malachite staining at 264 to 266. In places core very good over 4-5 ft. intervals. From 294 to 340 60% recovery although ground still very soft. 339-340										
	345	END OF HOLE										

Ministère des Richesses Naturelles, Québec
14 MAR 1967
SERVICE DES GITES MINERAUX
No GM- 19264

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+46	
110'	+54½	47½

LEVEL	1600	HOR. COM.	HOLE No. 16R281
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No. 1
ELEVATION		BEARING S 20 W	LOGGED BY GW
LATITUDE	85+00	LENGTH 112'	PURPOSE 65-7
DEPARTURE		FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	CU CUM. W x A	AU CUM. W x A	RUN
0	112	ALTERED ANORTHOSITE * Strongly schistose, dark grey, sericite chlorite carbonate rock. In some pats carbonate banded in other faint sea and island type replacement. Many thin carbonate veins Possible zoisite alteration in more bluish section. Section 44-53' may be carbonated basic dyke Mineralisation is scattered foliation strong 45-55° to C.A.	1.5	4583	6	11	5	.02		1.50			
			0.45	4584	11	16	5	.02		0.15			
			0.25	4585	45	50	5	.02		0.20			
			0.30	4586		55	5	.01		0.20			
			0.25	4587		60	5	.01		0.20			
			0.35	4588	102	107	5	.01		0.40			
	112	END ~~BOF~~ HOLE											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	+69	

LEVEL	1600	HOR. COM.	HOLE No. 16R282
LOCATION		VERT. COM.	SHEET No.
ELEVATION		BEARING S 20 W	LOGGED BY
LATITUDE	85+50 E	LENGTH	PURPOSE
DEPARTURE		FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	TEN
0	108	ALTERED ANORTHOSITE * Sericite zoisite Anorth. Blue grey with occasional blob of dark blue zoisite First 4' 70% quartz blolb and stringers. Rock resembles basic dyke in places. ½" stringer of chalco at 23'. Rock has specks of chalco scattered throughout. Core angle very eratic changing from 70° to 15° to C.A.	0.40	4561	0	5	5	1.25	.02				
			0.10	2		10	5	0.20	tr				
			0.10	3		15	5	0.25	tr				
			0.10	4		20	5	0.25	tr				
			0.50	5		25	5	0.60	.01				
			0.10	6		30	5	0.10	tr				
			0110	7		35	5	0.20	tr				
			0.10	8		40	5	0.25	tr				
			0.10	9		45	5	0.15	nil				
	108	END OF HOLE	0.10	70		50	5	0.10	nil				
			0.10	1		55	5	0.15	nil				
			0.10	2		60	5	0.10	nil				
			0.10	3		65	5	0.10	nil				
			0.10	4		70	5	0.10	nil				
			0.10	5		75	5	0.15	tr				
			0.10	6		80	5	0.10	tr				
			0.10	7		85	5	0.15	tr				
			0.10	8		90	5	0.10	.01				
			0110=	9		95	5	0.05	.01				
			0.10	80		100	5	0.10	tr				
			0.10	1		105	5	0.10	tr				
			0.30	2		110	5	0.10	tr				

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	F	

LEVEL	1600	HOR. COM.	HOLE No. 16R283
LOCATION		VERT. COM.	SHEET No. 1
ELEVATION	85+50 E	BEARING N 20 E	LOGGED BY
LATITUDE		LENGTH	PURPOSE
DEPARTURE		FINISHED	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOV RUN
0	36	BASIC DYKE (?) Grey buff very fine grained dense rock with 10% carbonnate blebs and patches. Resembles sericite alt. Very minor banding locally. Contact grade over 3'.	0.70	4556	0	3	3	1.05	.01				
			0.20	4557	29	34	5	0.10	tr				
			0.30	4558		37	3	0.25	tr				
			3.80	4559		42	5	3.90	.50				
			0.45	4560		44	2	0.30	.01				
36	45	ALTERED ANORTH * Dark green very heavily chloritized. Quite strongly sheared at 65° to C.A. Well mineralized Beyond 44' begins to grade into Fresh Anorth. with 20% quite well preseraved feldspar.											
45	79	FRESH ANORTH * 70%white silicified feldspar with poor crystals outlines. Feldspar mostly occurs in masses Matrix dark blue to light green.											
	79	END OF HOLE											

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+71	+69½

LEVEL	1600	HOR. COM.	HOLE No. 16R284
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No.
ELEVATION		BEARING S 20 W	LOGGED BY GW
LATITUDE	86+00	LENGTH 79'	PURPOSE 85-7
DEPARTURE		FINISHED AUGUST 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOVERY RUN	RECOVERY SHORT
0	79	ALTERED ANORTHOSITE * Mid to dark grey grey blue grey/black rock largely sericite-chlorite carbonate schist strongly foliated overaging 45° to C,A, Ground is weak and core blocky in places. Parts of first 30' are highly chloritized and could represent altered basic dike. Mineralisation is altered the last section occuring in first 30'.	0.30	4485	0	4	4	0.65	.02					
			0.25	6		8	4	0.55	.01					
			0.20	7		11	3	0.50	.01					
			4.50	8		13	2	5.75	.02					
			0.25	9		18	5	0.70	.02					
			2.50	90		22	4	0.65	.02					
			0.20	1		24	2	0.15	.02					
			0.70	2		26	2	0.40	.02					
	79	END OF HOLE	0.30	3		31	5	0.25	.01					
			0.25	4		36	5	0.35	.01					
			0.40	5		40	4	0.60	.01					
			0.45	6		45	5	0.75	.01					
			0.45	7		50	5	0.45	.01					
			0.25	8	60	65	5	0220	.01					

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+62	

LEVEL	1600	HOR. COM.	HOLE No. 16R286
LOCATION	16-740	VERT. COM. AX	SHEET No. 1
ELEVATION		BEARING S 20 W	LOGGED BY GW
LATITUDE	87+00	LENGTH 92'	PURPOSE 85-7
DEPARTURE		FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECO RUN
0	92	ALTERED ANORTHOSITE * Blue - grey to grey sericite-zoisite carbonate rock. Strongly foliated throughout often at low angle tocore ie 30° Fine laminae are small folded in some cases clearage faces are highly sericitic. Small sections are strongly carbonated to white color two 10" quartz veins occur at 48' and 70' Certain sectiona are silidified and this has associated mineralisation generally mineralisation is scattered.	0.5	4375	0	4	4	1.25	.03				
			0.2	6		9	5	0.30	.01				
			3.0	7		12	3	2.80	.03				
			0.25	8		15	3	0.70	.03				
			1.50	9		19	4	0.80	.01				
			0.2	80		24	5	0.40	.01				
			0.2	1		29	5	0.35	.01				
			0.2	2		34	5	0.25	.01				
			0.5	3		37	3	0.85	.02				
			0.2	4		42	5	0.25	.01				
	92	END OF HOLE	0.3	5		44	2	0.20	.01				
			0.2	6		49	5	0.30	.01				
			0.3	7		54	5	0.55	.01				
			0.65	8		57	3	0.80	.01				
			0.3	9		62	5	0.75	.02				
			0.2	90		67	5	0.45	.01				
			0.2	1		72	5	0.50	.01				
			0.2	2		77	5	0.25	.01				
			0.2	3		82	5	0.15	tr				
			012	4		87	5	0.20	tr				
			0.25	5		92	5	0.20	.01				

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	+48	

LEVEL	1600	HOR. COM.	HOLE No. 16R287
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No. 1
ELEVATION		BEARING S 20 W	LOGGED BY GW
LATITUDE	88+00	LENGTH / 90'	PURPOSE 85-7
DEPARTURE		FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A
0	90	ALTERED ANORTHOSITE *	0.2	4396	0	4	n 4	0.65	.01			
		0-30 Slightly foliated dark-grey green rock. Main	0.2	7		9	5	0.65	.01			
		alteration is sericite chlorite with patches of	0.25	8		14	5	0.75	.03			
		zoisite and carbonate alteration. It is sporadically	0.2	9		19	5	0.50	.01			
		mineralized by both pyrite and chalcopyrite	0.2	44400		21	2	0.20	.01			
		Slightly siliceous in places. A good mineralized	0.3	1		24	3	0.75	.01			
		section occur from 24-29'	7.0	2		27	3	10.15	.04			
			2.5	3		30	3	2.30	.04			
		30-90 More sericite-zoisite carbonate alteration. Little	0.4	4		35	5	0.40	.02			
		chlorite. Strongly foliated at 65° Irregular	0.2	5		40	5	0.65	.01			
		carbonate veins and slight mineralization.	0.2	6		45	5	0.35	.01			
		Some quartz associated with carbonate	0.25	7		50	5	0.35	.01			
			0.2	8	85	90	5	0.55	.01			
	90	END OF HOLE										

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+68	+66

LEVEL	1600	HOR. COM.	HOLE No. [illegible]
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No 1
ELEVATION		BEARING	LOGGED BY GW
LATITUDE	88+50	LENGTH 106'	PURPOSE
DEPARTURE		FINISHED AUG 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM W x A
0	106	ALTERED ANORTHOSITE * Grey greenish blue rock. Vertically uniform throughout. Sericite-zoisite alt. with some chloritoid, carbonate chlorite alt. The amount of carbonate veining is slight The rock is strongly foliated at 45-35° to core axis. Certain sections are possibly strongly sheared and carbonated basic dyke ie 44-51'. Core is intermittently mineralized both pyrite and c chalcopyrite.	0.25	4268	0	4	4	0.65	.02			
			0.25	69		9	5	0.55	.01			
			0.30	70		14	5	0.50	.01			
			0.60	71		19	5	0.60	.02			
			0.25	72		23	4	0.40	.02			
			1.00	73		25	2	0.90	.02			
			0.20	74		28	3	0.40	.03			
			0.40	75		33	5	1.20	.02			
			0.20	76		38	5	0.50	.02			
			0.20	77		43	5	0.45	.02			
			0.20	78		48	5	0.55	.03			
	106	END OF HOLE	0.30	79		52	4	0.45	.01			
			0.25	80		57	5	0.20	.02			
			0.20	81		62	5	0.20	.01			
			0.20	82		67	5	0.30	.01			
			0.30	83		70	3	0.55	.01			
			0.50	84		72	2	3.40	.02			
			0.30	85		76	4	0.55	.02			
			0.25	86		81	5	0.45	.01			
			0.30	87		86	5	0.95	.02			
			0.35	88		90	4	0.35	.01			
			0.45	89		92	2	0.95	.02			
			0.20	90		96	4	0.15	.01			
			3.25	91		99	3	4.50	.03			
			0.75	92		104	5	1.40	.02			
			0.20	93		106	2	0.40	.02			
				94								

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+38	+35

LEVEL	1620	HOR. COM.	HOLE No. 16R289
LOCATION		VERT. COM. AX	SHEET No. 1
ELEVATION	89+00	BEARING	LOGGED BY ISP
LATITUDE		LENGTH 104	PURPOSE
DEPARTURE		FINISHED JULY 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A
0	104	ALTERED ANORTHOSITE Highly sericitic grey schistose rock with considerable diss. sulfides.	0.20	4193	0	2	2	0.80	.01			
			0.60	4	2	6	4	1.65	.02			
			0.20	5	6	9	3	0.35	.01			
	104	END OF HOLE	0.70	6	9	12	3	1.00	.04			
			0.90	7	12	17	5	1.20	.03			
			0.30	8	17	22	5	0.30	.02			
			0.30	9	22	27	5	0.50	.01			
			0.80	4200	27	31	4	0.55	.01			
			0.90	51	31	35	4	1.55	.02			
			0.50	2	35	40	5	0.95	.02			
			0.30	3	40	44	4	0.50	.03			
			0.30	4	44	49	5	0.40	.02			
			0.30	5	49	54	5	0.50	.02			
			0.90	6	54	56	2	1.10	.02			
			0.30	7	56	61	5	0.20	.01			
			0.20	8	61	66	5	0.35	.01			
			0.20	9	66	70	4	0.35	.02			
			0.30	60	70	72	2	1.45	.01			
			2.00	1	72	74	2	4.80	.02	2.44	.02	
			0.20	2	74	76	2	0.40	.01			
			2.20	3	76	79	3	2.55	.03			
			0.20	4	79	84	5	0.20	.01			
			0.20	5	84	87	3	0.15	.01			
			0.60'	6	87	91	4	1.10	.02			
			0.10	7	91	93	2	0.65	.02			

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+67	
135	+71½	+66½

LEVEL 1600	HOR. COM.	HOLE No. 16R290
LOCATION 16-740 Dr.	VERT. COM.	SHEET No. 1
ELEVATION 89+00	BEARING AX	LOGGED BY G.W.
LATITUDE	LENGTH 137'	PURPOSE E&T Ore
DEPARTURE	FINISHED AUGUST 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERAL-IZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM W x A	RECOVERY RUN	RECOVERY SHO
0	116	ALTERED ANORTHOSITE * Sericite-zoisite alteration basically cartain sectaions are howerer, intensely chloritised to blackish grey color and these may be in part altered basic dykes. Not contacts are visible though 29-33; 61-72 Patchy mineralized carbonated and a few thin carbonate ve veinlets. Good goliation at 55° to C.A.	0.25	4294		4	4	0.65	.01					
			0.30	5		9	5	0.75	.01					
			0.30	6		14	5	0.45	.01					
			0.30	7		18	4	0.70	01					
			0.40	8		21	3	1.10	.01					
			0.25	9		25	4	0.70	.02					
			0.75	4300		27	2	1.05	.04					
116	124	BASIC DYKE * This is questionnable. Highly chloritised grey green rock. Supposed contacts are carbonated. Very black wide core. More conpact mid blebs foliated.	0.25	1		32	5	0.40	.02					
			0.30	2		37	5	0.75	.01					
			0.25	3		42	5	0.40	.02					
			0.2	4		47	5	0.45	.02					
124	137	ALTERED ANORTHOSITE * As above. Sericite zoisite alteration A little chloritoid Foliated at 30° to C.A.	0.2	5		51	4	0.60	.03					
			0.25	6		56	5	1.00	.04					
			0.25	7		61	5	0.15	.01					
	137	END OF HOLE	0.25	8		64	3	0.50	.02					
			3.00	9		68	5	3.55	.02					
			0.30	10		73	4	0.75	.02					
			7.00	11		78	5	6.30	.03					
			0.50	12		83	5	0.80	.02					
			0.25	12		88	5	0.85	.02					
			0.30	14		93	5	0.65	.01					
			0.2	15		97	4	0.45	.01					
			0.2	16		102	5	0.85	.02					
			0.2	17		107	5	0.60	.01					
			0.2	18		112	5	0.50	.01					
			0.2	19		117	5	0.55	.02					
			0.25	20		122	5	0.60	.01					
			0.2	21		127	5	0.35	.01					
			0.2	22		132	5	0.20	.02					
			0.2	23		137	5	0.15	.01					

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	+32	+32

LEVEL	1600	HOR. COM.	HOLE No. 16R308
LOCATION		VERT. COM. AX	SHEET No. 1
ELEVATION	90+00	BEARING S 20 W	LOGGED BY G.W.
LATITUDE	90+00	LENGTH 113'	PURPOSE 85-7
DEPARTURE		FINISHED JULY	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	CU CUM. W x A	AU CUM. W x A	RECOVERY RUN	RECOVERY SHORT
0	50	ALTERED ANORTHOSITE * Almost un blue-grey-green color Sericite zoisite alteration with a little chloritisation especially in mineralised portions carbonated to greyish color in placds also thin carbonate stringers. Mineralisation is pyrite and chalcopyrite.	0.25	4148	0	4	4	0.30	.01					
			0.30	9	4	9	5	0.20	.01					
			0.4	50		14	5	0.40	.02					
			0.25	1		18	4	0.15	.02'					
			0.45	2		22	4	0.55	.02					
			0.2	3		24	2	0.45	.02					
			0.35	4		27	3	0.75	.01					
50	57	BASIC DYKE Grey green chloritised and mineralized. Contact clear at 57'.	0.25	5		31	4	0.40	.01					
			1.45	6		33	2	2.20	.02					
			0.3	7		38	5	0.85	.01		11' @ 120			
57	74	ALTERED ANORTHOSITE * As above carbonated and poorly mineralized Possible basic dyke with siliceous 67-71'.	0.65	8		42	4	1.15	.01					
			0.2	9		47	5	0.15	.01					
74	75	BASIC DYKE * Fine grained mid-grey banded by caronbate veins.	5.0	4183	50	53	3	4.85	.02					
			0.3	4		56	3	0.35	.02		14' @ 172			
75	100	ALTERED ANORTHOSITE * Sericite zoisite alteration A few carbonate veins.	0.7	5		59	3	1.20	.02					
			0.25	6		64	5	1.00	.02					
			0.25	7		69	5	0.65	.02					
100	102½	BASIC DYKE * As 74-75 Difficult to distinguish from greyish anorthosite but contacts are sharp.	1.00	8		74	5	0.85	.02					
			0.2	9	105	110	5	0.15	tr					
102½	113	ALTERED ANORTHOSITE * As above.												
	113	END OF HOLE												

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	+56°	+54°

LEVEL	1600	HOR. COM.	HOLE No. 16R309
LOCATION	16-740 Dr.	VERT. COM. AX	SHEET No. 1
ELEVATION	90+00	BEARING S 20 W	LOGGED BY G.W.
LATITUDE		LENGTH 146'	PURPOSE 85-7
DEPARTURE		FINISHED JULY 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOVER RUN	RECOVER CHIP
0	146	ALTERED ANORTHOSITE * Sericite-zoisite carbonate alteration	0.4	4165	0	4	4	0.25	tr					
		A greyish blue rock well foliated at 40-55° to	0.35	6		9	5	0.55	tr					
		core axis. Irregular veined by thin carbonate	0.25	7		14	5	0.30	.02					
		stringers There are several zones with sulphides	0.25	8		19	5	0.30	.02					
		(mostly pyrite)and there have associated chlorite	0.4	9		24	5	0.15	tr					
		alteration. A 3" basic dyke occur at 97' and	0.3	70		29	5	0.15	tr					
		possibly another 9" dyke at122'	0.45	1		32	3	0.45	.01					
			1.00	2		35	3	0.70	.03					
		Note first 35 is heavily chloritized carbonated	0.3	3		38	5	0.35	tr					
		and sheared to black schistose rock which could be	0.3	4		41	3	0.45	.02					
		altered basic dyke.	0.2	5		46	5	0.35	tr					
	146	END OF HOLE	0.25	6	60	65	5	0.25	.02					
			0.25	7		70	5	0.55	.02					
			0.2	8		74	4	0.15	tr					
			0.3	9		79	5	0.45	.01					
			0.2	80		84	5	0.55	.02					
			0.2	1		89	5	0.30	tr					
			0.2	2		94	5	0.15	tr					

COPPER RAND CHIBOUGAMAU MINES LTD.

Property

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+58 =	
110	+65	+59

LEVEL	1600
LOCATION	16-740 Dr.
ELEVATION	90+50
LATITUDE	
DEPARTURE	

HOR. COM.	
VERT. COM.	AX
BEARING	S 20 W
LENGTH	114'
FINISHED	JULY 1966

HOLE No.	16R310
SHEET No.	1
LOGGED BY	G.W.
PURPOSE	85-7
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS OZ. AU	ASSAYS OZ. AG	ASSAYS % CU	ASSAYS CU CUM. W x A	ASSAYS AU CUM. W x A	RECOVERY RUN	RECOVERY SHOR
0	114	ALTERED ANORTHOSITE * Rock is well foliated throughout and very schistose in parts. Grey green blackish color. Strong chlorite and carbonate alteration. Some parts are highly sericitic. Veined by thin c carbonate stringers. Mineralized in most densely chloritized sections chalcopyrite and pyrite. It is possible that some of the greyer portions may represent highly sheared basic dyke.	0.35	4094	0	4		0.50	.01					
			0.85	5	4	9		0.40	.01					
			0.60	6	9	14		0.30	.01					
			0.65	7	14	19		0.65	tr					
			0.35	8	19	24		0.70	.02					
			1.2	9	24	29		1.15	.01					
			0.85	4100	29	34		0.55	.01					
			5.0	1	34	37		3.05	.02					
			4.5	2	37	39		4.80	.02					
			0.45	3	39	44		0.20	tr					
114		END OF HOLE	0.75	4	44	49		0.20	tr					
			0.2	5		54		0.05	tr					
			0.35	6		59		0.45	.01					
			0.25	7		64		0.35	.01					
			0.4	8		69		0.50	.02					
			0.35	9		74		0.30	.01					
			0.25	4117		77		0.10	tr					
			0.75	8		81		0.75	.02					
			0.25	9		86		0.20	tr					
			0.2	20		91		0.25	tr					
			0.2	1		96		0.30	.01					
			0.2	2	109	114		0.10	.01					

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PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	700
LOCATION	7-3404 E Dr.
SECTION	Collar 58,709E
LATITUDE	
DEPARTURE	

ELEVATION	Tr + 3
BEARING	S74 Deg. E
LENGTH	544'
CORE SIZE	AX
FINISHED	June 1966

HOLE No.	7P189
SHEET No.	1
LOGGED BY	R. N.
PURPOSE	C.P. #1
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	176	FRESH ANORTHOSITE Low degree of alteration. Variety of sizes of feldspar (1mm to 3cm). Darkening of geveral colour of rock and increase in abundance of sericite indicate increase in degree of alteration with depth. After 40' some 6" to 1' sections of sericite alteration appear. A few grains of leucoxene are present.													
176	185	ALTERED ANORTHOSITE Seridte - chlorite alteration with zoisite.													
185	350	FRESH ANORTHOSITE as 0 - 176 Well developed grains with fewer fractured ones.													
		246 - 247 zoisite sericite alteration. Feldspars become more fractured and pieces are therefore smaller. Some narrow sections of altered rock as before.													
		At 330 ' sudden colour change of rock, light olive green (gabbro)?? Still 50% light coloured minerals.													
350	383	ALTERED ANORTHOSITE 350 - 383 Sericite zoisite alteration. Fairly dark blue colour. Highest alteration in hole.													
383	544	FRESH ANORTHOSITE (or Gabbro??) as 330' - 350' above. Olive green colour very faint but definitely lacks the blue-grey tint of most anorthosite in this camp.													
		Throughout hole "fresh" anorthosite is silicified "altered" anorthosite is not - what happens to quartz???													
		ALTERED ANORTHOSITE at about 530' familiar blue-grey colour re-appears. Some sulphides near end, in very small cracks.													
	544	END OF HOLE													

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PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 700	ELEVATION Tr # 3	HOLE No. 7P190
LOCATION 7-34-04 E Dr.	BEARING 514° E	SHEET No. 1
SECTION 58,701 E	LENGTH	LOGGED BY R. N.
LATITUDE	CORE SIZE AX	PURPOSE Expl. C.P. #1
DEPARTURE	FINISHED July 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0		ANORTHOSITE - short sections, classified as altered or fresh, depending on whether feldspars are well developed or not.	1½	4735	317½	321½	2	2.25	.02	x					
			.8	4937	431	436	5	0.40	.03	x					
		0 - 2 Fresh 2 - 4 Altered - sericite zoisite - dark 4 - 6 Fresh 6 - 16 Altered. Some py, po, cp. 16 - 30 Fresh 30 - 32 Altered. 32 - 57 Fresh - small crystals 57 - 138 Altered. Some darker sericite zoisite alteration and ghosts. Highly silicified. After about 80' feldspars become larger and betterdeveloped. Silicification is in thefeldspars not the matrix. Slight shearing. 138 - 211 Silicified Anorthosite Highly silicified large rounded feldspars with fuzzy edges. 190 - 192 - slightly sheared zone - dark blue sericite zoisite alteration. Core angle at 211' = 38 deg. 211 - 318 Zone of alternating dark sections of sericite zoisite alteration and light sections of silicified (fresh??) anorthosite. Appears as if force tending to cause shearing was just about equal to yield strength of rock. 211 - 214 - moderate shear. 318 - 326 Shear zone somewhat more pronounced than previous ones. Sericite zoisite alteration with some chlorite & some epidote.													

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SHEET NO. 2 HOLE NO. 7 P 190

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
319½	324½	QUARTZ CARBONATE VEIN- Almost pure white milky quartz containing good chalco mineralization (also po) for first 1½' then almost pure white to pink carbonate with some quartz blebs.													
324½	344	ANORTHOSITE - again as 211 - 318. Highly silicified.													
344	413	FRESH ANORTHOSITE - Moderately well formed silicified feldspar grains in light green sericitized matrix.													
413	445	ALTERED ANORTHOSITE - Chlorite alteration - first 5'-7' of section is fine-grained massive appearing - looks exactly like Copper Rand chloritized basic dyke, but has gradational contact with fresh anorthosite. Rest of section is more typical altered anorthosite with some sulphide mineralization.													
	445	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 700	ELEVATION Tr + 3	HOLE No. 7 P 191 1.
LOCATION 7-39-04 E Dr.	BEARING South	SHEET No. R. N.
SECTION 58414	LENGTH	LOGGED BY
LATITUDE	CORE SIZE Ax	PURPOSE C.P. #1
DEPARTURE	FINISHED July 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0		ALTERED ANORTHOSITE 0 - 186 Low grade sericite alteration with abundant carbonate blebs and stringers. 20 to 40% saussuritized feldspar material. Many sections might be called Fresh Anorthosite. Overall colour is rather dark. Small concentrations of disseminated sulphides occur sporadically in slightly sheared zones. Feldspars are silicified after about 70'. After 130' altered feldspar grains compose 70% of rock. 186 - 225 Sericite zoisite alteration. Dark blue-grey colour Medium fine-grained schistose equigranular. Resembles Copper Rand basic dyke rock type. Carbonate veinlets and stringers. A few grains of sulphides throughout; after 212' becomes more schistose with a variable core angle. 225 - 380 Much as 0' - 186' Some leucoxene. Quite fresh in some sections. 380 - 397 Sericite zoisite alteration, much as 186 - 225. At 392½ some sulphides in cross fractures in an 1" carbonate vein. 397 - 599 As 0 - 186. Feldspars have same light blue-grey colour as matrix instead of off-white as normal colour. Feldspars still silicified. 460 - 472 Rock has light olive-green colour. Some sections quite fresh, other local sections altered to sericite zoisite.	.2	4945	392	394	2	0.35	.01						

PATIÑO MINING CORPO..ATION

SHEET NO. 2 HOLE NO. 7 P 191

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
		599 - 605 Section of mainly dark blue sericite zoisite alteration with 20% quartz carbonate mineralization.													
		605 Q 624 Section of some dark blue sericite zoisite alteration with some less altered rock showing relict feldspars. Slightly less altered than 599 - 605.													
		624 - 637 as 599 - 605.													
		637 - 697 as 397 - 599 but somewhat fresher. Monoclinic outline of some altered feldspar grains is preserved. Some leucoxene.													
	697	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	+ 45°	

LEVEL	700 Level
LOCATION	7 - 34 - 04
SECTION	42 + 50'
LATITUDE	
DEPARTURE	

ELEVATION	Tr + 8'
BEARING	S 45 E
LENGTH	
CORE SIZE	Ax
FINISHED	Oct. 1966

HOLE No.	7 P 194
SHEET No.	1
LOGGED BY	W. Z.
PURPOSE	
TOT. RECOVERY	Trace C.P. #1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0		ALTERED ANORTHOSITE (Gabbro?)	1.0	4043	262	265	3	2.55	.04				.9		
		0 - 90 Sericite altered fine to medium grained, olive green with 30 deg. feldspar phenocrysts. Some footages have no visible feldspar. Foliation at 60 - 70 deg. to C.A.	.3	4044	273	277	4	0.25	.02				.45		
		10 - 10.5 Quartz carbonate vein.													
		90 - 98 Sericite zoisite chlorite schist.													
		98 - 110 Same as 0 - 90													
		110 - 122 Similar to 0-90 with no feldspars present. Medium grained. Possibly Gabbro or Basic Dyke?													
		122 - 248 Sericite alteration having a mottled appearance and "sea and island" texture. Rock changes in colour from light green to green-grey at 170'													
		248 - 295 Same as 0 - 90													
		At 264 - 6' mineralized chalco.													
		At 274 - 2" Pyrrohotite with fine-grained chalco. Rock type is more chloritic than rest.													
		295 - 299 Black chlorite schist.													
299		299 - 363 Same as 0 - ~~32~~ 90 (Gabbroic in appearance)	.10	4045	397	402	5	0.10	.01						
			.10	4046	402	406	4	0.05	.03						

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 7 P 194

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
		363 - 398 At 363 becoming much lighter in colour with as much as 50% altered feldspar. Similar to 122 - 248.	.15	4047	440	445	5	0.10	.02						
			.15	4048	445	449	4	0.15	Tr.						
		Foliation at 45 - 55 deg. to C.A.													
		398 - 406 Rock is more sericitic with traces of chalco.													
		406 - 440 Saussuritized Anorthosite. White to grey- massive, coarse-grained uniform.													
		440 - 448 Black chlorite schist.													
		448 - Gray fine-grained uniform sericite altered anorthosite.													
451	505	ALTERED ANORTHOSITE	.20	4518	493	498	5								
		451 - 483 Saussuritized													
		483 - 505 Sericite - zoisite alteration. Blue to blue- black contains some pyrrohotite.													

'IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	850	ELEVATION	Tr + 3
LOCATION	8 - 39 Dr.	BEARING	N 45°W
SECTION	39 + 50 E	LENGTH	49
LATITUDE		CORE SIZE	Ax
DEPARTURE		FINISHED	Mar. 66

HOLE No.	8 P 77
SHEET No.	1
LOGGED BY	R.N.
PURPOSE	
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	20	ALTERED ANORTHOSITE Fine grained sericite - zoisite alteration													
		18 - 20 Change in alteration type. Some large areas of apple-green aphanitic sericite.													
20	21	BLACK CHLORITE (Fault breccia?) subhedral to anhedral; Coarsly crystalline, carbonate grains (up to an inch across) in a matrix of schistose aphanitic black chlorite. Many of the grains are fractured.													
21	24	ALTERED ANORTHOSITE - as 18 - 20													
24	25½	Black Chlorite Fault Breccia? as 20 - 21													
25½	31	INTERMEDIATE DYKE Fine-grained medium grey-buff coloured massive contacts with breccia on either side are sharp.													
31	32	FAULT BRECCIA - as 20 - 21													
32	33½	ALTERED ANORTHOSITE - as 18 - 20													
33½	49	As 20 - 21													
		Hit high-pressure of water - had to stop hole.													
	49	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED

LEVEL		ELEVATION Tr. + 3	HOLE No. 8 P 78
LOCATION	B - 39 Dr.	BEARING N 45° E	SHEET No. 1
SECTION	3 + 00 S	LENGTH 187 '	LOGGED BY R.N.
LATITUDE		CORE SIZE Ax	PURPOSE
DEPARTURE		FINISHED March 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	187	ALTERED ANORTHOSITE - Sericite zoisite alteration with little or no chlorite schistosity moderately well developed at about 50 deg. to the core axis.	.2	4516	42	46	4	0.20	.01	/					
			.2	4517	46	48	2	0.10	.03	/					
			.4	4518	95	100	5	0.25	.02	x					
		31 - 42 Possible dyke?? or just finer grained altered anorthosite? But seeming to be a definite contact at each end.	.2	4519	100	102	2	0.80	.02	x					
			1.0	4520	102	104	2	7.80	.02	x					
			1.0	4521	104	106	2	1.90	.03	x					
		42 - 48 A few scattered blebs and aggregates of pyrite grains.	.7	4522	118	120	2	0.35	.01	x					
			.6	4523	129	133	4	0.05	.01	x					
		95 - 111 Chalco mineralization disseminated throughout.	.3	4524	133	137	4	0.10	.01	x					
			.45	4525	137	139	2	0.05	.02	x					
		118 - Disseminated sulphides.	.5	4526	151	153	2	0.10	.02	x					
			.7	4527	153	158	5	0.10	.03	x					
		From 133 - core is badly fractured and there are several 6" ground sections. Schistosity quite well developed at 50 deg. alteration is greater in this section giving rock a generally darker colour due to more zoisite. Chlorite content increases slightly but is still small.	.15	4528	158	160	2	0.25	.02	/					
			.4	4529	181	183	2	0.10	.01	x					
		158 - 179 Fine-grained rock - dyke?													
		179 -													
	187	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE

_____ PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	850	ELEVATION	Tr + 3
LOCATION	844 Dr.	BEARING	N 45°E
SECTION	8 + 50 S	LENGTH	48'
LATITUDE		CORE SIZE	Ax
DEPARTURE		FINISHED	June 1966

HOLE No.	8P83
SHEET No.	1
LOGGED BY	R. Newson
PURPOSE	Test 44 wall
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	48	ALTERED ANORTHOSITE 0 - 36 Black chlorite alteration with 20% feathery carbonate blebs and stringers. Grades into sericite alteration at about 36'.	1.2	4706	24	26	2	1.10	.04	/					
			2.1	4707	36	39	3	3.20	.06	x					
			.3	4708	46	48	2	0.45	.02	/					
		36 - 48 Sericite zoisite alteration. Somewhat less carbonate than above but blebs are larger. A massive section of po containing cp occurs at start of section.													
	48	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 850	ELEVATION Tr + 3	HOLE No. 8P84
LOCATION 8-44 Dr.	BEARING N 45° E	SHEET No. 1
SECTION 9 + 00 S	LENGTH 54'	LOGGED BY R. N.
LATITUDE	CORE SIZE Ax	PURPOSE Test 44 wall
DEPARTURE	FINISHED June 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A	RECOVERY RUN	RECOVERY SHORT
0	47	ALTERED ANORTHOSITE 0 - 24 Black chlorite alteration with 13% feathery stringers and blebs of carbonate. Sulphides mainly pyrite, scattered throughout.	.9	4694	0	2	2	0.40	.03	x				
			.15	4695	11	13	2	0.60	.04	x				
			.2	4696	21	23	2	1.55	.03	x				
		24 - 47 Sericite alteration with zoisite. Some disseminated pyrite.	.5	4697	28	30	2	0.55	.02	y				
			.4	4698	44	47	3	0.80	.05	x				
47	54	FRESH ANORTHOSITE 4 - 10 mm. saussuritized anhedral feldspar grains in a medium green chloritized (and epidotized?) matrix.												

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	850	ELEVATION	Tr + 3
LOCATION	8-44 Dr.	BEARING	S 45°W
SECTION	9 + 00 S	LENGTH	58'
LATITUDE		CORE SIZE	Ax
DEPARTURE		FINISHED	June 1966

HOLE No.	8785
SHEET No.	1
LOGGED BY	R. N.
PURPOSE	Test 44 wall
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	58	ALTERED ANORTHOSITE 0 - 14 Black chlorite alteration. A few per cent carbonate blebs and stringers. Some disseminated sulphides. Core angle = 80 deg.	.4	4704	0	5	5	0.40	.02	/)					
			.6	4705	5	7	2	0.65	.02	/)		7'	0.47 Cu. .02 Au.		
		14 - 53 Sericite alteration with decreasing chlorite and some zoisite. Gradational contacts.													
		After about 53 feet some vague feldspar grains are visible.													
	58	END OF HOLE													

'IÑO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	F	

LEVEL 800	ELEVATION Tr + 3	HOLE No. 8P92
LOCATION 8-39 Dr.	BEARING N	SHEET No. 1
SECTION 57,00E	LENGTH 105	LOGGED BY W.Z.
LATITUDE	CORE SIZE EX	PURPOSE Ck. F.W. of McK Q.V.
DEPARTURE	FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	32	ALTERED ANORTHOSITE		3714	0	5		0.15	.02						
		Sericite-zoisite alteration with minor banding of carbonate.	1.0	5		10		0.40	.03						
		Sulphides present as fine grained pyrite between the planes		6		15		0.10	.01						
		of schistosity.		7		20		0.35	.01						
		Schistosity at 20° to core axis		8		25		0.10	.02						
				9		30		0.15	.01						
				20		35		0.05	.03						
				1		40		0.15	.02						
32	33	BASIC DYKE		2		45		0.05	.01						
		Gray, fine grained uniform. Upper contact sharp at 30°		3		55		0.10	.02						
		to core axis. Lower contact gradational to Altered Basic Dyke		4		55		0.15	.01						
		(gabbro)													
			.10	5	75	80		0.10	.01						
33	54	ALTERED BASIC DYKE (GABBRO)		6	85	90	5	0.10	.03						
		Fine grained green chloritic with 5% carbonate		7		94	4	0.15	.05						
				8		100	6	0.45	.07						
				9		105	5	0.15	.16						
54	62	TRANSITION ROCK													
		Gradational from green chloritic gabbro to Quartz Porphyry													
62	85	QUARTZ PORPHYRY													
		Fine grained, apple green matrix with 5% quartz "augen"													
		phenocrysts													
85	94	ALTERED ANORTHOSITE													
		85-90 BLACK CHLORITE SCHIST													
		90-94 DYKE ROCK - with sericite-carbonate flow structures													
94	105	QUARTZ VEIN - massive milky qtz. with blebs of sulphides													

'IÑO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
0	F	

LEVEL 800	ELEVATION Tr + 3	HOLE No. 8P93
LOCATION 8-39 Dr.	BEARING N	SHEET No.1
SECTION 57,725	LENGTH 53	LOGGED BY W.Z.
LATITUDE	CORE SIZE EX	PURPOSE F.W. of McK Q.V.
DEPARTURE	FINISHED August 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	34	ALTERED ANORTHOSITE	.7	3730		5	5	0.15	.03						
		Sericite-zoisite alteration with 10% carbonate banding.		1		10		0.25	.02						
		Sulphides present as pyrite	.7	2		15		0.50	.03						
				3		20		0.20	.01						
				4		25		0.40	.01						
				5		29	4	0.35	.02						
34	49	ALTERED BASIC DYKE		6	35	40	5	0.20	.01						
		Grey, fine-grained, sericitic, with breccia flow structure		7	48	53	5	0.30	.03						
49	53	ALTERED ANORTHOSITE													
		Same as 0-34													

'IÑO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 1300	ELEVATION Tr + 3	HOLE No. 13P40
LOCATION 13-36 X-cut	BEARING N	SHEET No. 1
SECTION 57,177E	LENGTH 451	LOGGED BY R. Newson
LATITUDE	CORE SIZE AX	PURPOSE McK Q.V.
DEPARTURE	FINISHED May 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	105	FRESH TO SLIGHTLY ALTERED ANORTHOSITE Feldspar ghosts of varying degrees of deterioration throughout Ghosts most faint near collar of hole and for first 10 feet then rock becomes fresher. Some leucoxene. Core angle 44°													
105	451	ALTERED ANORTHOSITE Sericite-zoisite alteration with abundant blebs of leucoxene. Colour mottling is a reflection of original texture. Some narrow carbonate veinlets and blebs. Some short sections appear slightly chloritic. Core angle 40° at 150 feet. At 185 feet core splits along two planes with a dihedral angle of 80°-85° Some carbonate is pink Rock becomes darker, deeper in the hole. Leucoxene content continues to be high 2 or 3%. Colour varies locally from light green to dark bluish-green with proportion of minerals; carbonate mineralization increasing. Chlorite content increases with depth in hole.													

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 13P40

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
		% of carbonate decreases abruptly at 335 feet and rock seems more chloritic and massive after this.													
		% carbonate increases somewhat at 360 feet. Chlorite content increases. Passes into Chlorite.													
		Chlorite alteration at about 380 feet but change from 340 feet is gradational. Alteration especially dark, 395 feet to 410 feet.													
		Alteration continues dark until end of hole.													
	451	END													

'IÑO MINING CORPORATION

PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 1300	ELEVATION Tr + 3	HOLE No. 13P41
LOCATION 13-36 X-cut	BEARING N	SHEET No. 1
SECTION 57,426	LENGTH 460	LOGGED BY R. Newson
LATITUDE	CORE SIZE AX	PURPOSE McK Q.V.
DEPARTURE	FINISHED May 1966	TOT. RECOVERY Expl.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	134	FRESH TO SLIGHTLY ALTERED ANORTHOSITE	.3	4688	165	167	2	0.10	.03						
		Most of section has vague sausseritised feldspar ghosts.	.3	4689	172	175	3	0.10	.02						
		Greenish tint of some samll areas indicates chlorite or possibly epidote. Colour too faint to be certain.													
		Alteration is a sericite-zoisite with some chlorite and occurs in short sections.													
		Some silicification of feldspars. Bleb of chalco at 27 feet.													
		From about 75 feet to 134 feet, the anorthosite is highly silicified in fact the rock is mostly quartz but not vein quartz. Relict texture is exhibited although rather poorly throughout. There are several sections of dark blue altered anorthosite in this section.													
134	139	ALTERED ANORTHOSITE													
		Sericite alteration. Light colour. Some carbonate veinlets and stringers.													
139	140	QUARTZ PORPHYRY DYKE													
		Rounded grains of quartz 1 mm. to 6 mm. across in a bluish to blue-grey matrix (altered-sericite-zoisite alteration)													

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 13P41

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
140	460	ALTERED ANORTHOSITE 140-332 or 132-139. Degree of alteration and colour increase to about 165 feet where some chlorite is seen. This section continues to about 175 feet then degree of alteration decreases. Some po. and py. in this section as well as some epidote. Colour lightens after this and some sections of pure off-white sericite are seen. Silicification of this rock type starts at about 215. About half of light coloured material is sericite and the other half is quartz or selica-rich. Section 235-306 feet has a mottled appearance with white and a few shades of green as the main colours. At 303 some py. grains Silicification ends 332 feet where alteration increases 332-354 Sericite-zoisite alteration. Medium-fine grained shistose. NOTE: 2 boxes numbered 275-300 because of "swell" go by footage markers in box												

PATIÑO MINING CORPORATION

SHEET NO. 3 HOLE NO. 13P41

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
		a few grains of py. and po. occur in this section.													
		354-446 mottled silicified rock as in 235-306													
		396 rusty carbonate stringers													
		Silicification dies out at about 435 feet													
		446-460 Sericite-zoisite alteration with some fine carbonate stringers and some grains of leucoxene													
	460	END													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 1300	ELEVATION Tr + 3	HOLE No. 13P42
LOCATION 13-36 X-cut	BEARING N	SHEET No1
SECTION 57,657E	LENGTH	LOGGED BY R. Newson
LATITUDE	CORE SIZE AX	PURPOSE McK Q.V.
DEPARTURE	FINISHED May 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	52	FRESH ANORTHOSITE 75% sausseritized feldspar grains with corroded boundaries. Modal size 1 cm to 1½ cm. Some chloritised and zoisitized sections extend a few cm. on either side of small shears													
52	69	FRESH GABBRO Compositionally similar to above but feldspar percentage appears to be lower. Grain size smaller, with modal size ½ to ⅔ cm. Inner contact is abrupt across a ½ inch quartz-carbonate vein. Outer is an abrupt return to large grains.													
69	80	Same as 0-52													
80	83	ALTERED ANORTHOSITE Sericite-zoisite alteration with some leucoxene and chlorite Core angle 40° - 60°													
83	84	QUARTZ VEIN Massive barren													
84	114	FRESH ANORTHOSITE Same as 0-52. 2" of altered anorthosite as 80-83 at beginning of section.													

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 13P42

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
114	127	FRESH GABBRO as 52-69 but contacts gradational over a few inches. At 119 some chalco.													
127	147	FRESH ANORTHOSITE Same as 0-52													
147	163	ALTERED ANORTHOSITE. Grades from fresh anorthosite over 5 feet. Sericite-zoisite chlorite alteration. A few grains of pyrite scattered in first 5 feet of section													
163	170	FRESH ANORTHOSITE Saussuritized feldspar grains predominate in rock													
170		ALTERED ANORTHOSITE Varies back and forth across the arbitraty fresh altered boundary. Feldspar grains usually poorly developed are seen throughout most of section. Some leucoxene is present. Sericite alteration is the alteration type. Moderate to high degree of silicification. A few grains of py. throughout. 309-318 alteration relatively intense. Farily light coloured after about 390 feet.													
	455	END													

'IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL		ELEVATION	HOLE No.
LOCATION 1600		BEARING Tr 3	SHEET No. 16 P 2
SECTION		LENGTH N	LOGGED BY 1
LATITUDE		CORE SIZE 303'	PURPOSE R.N.
DEPARTURE 34295 N 56980 E		FINISHED Ax Jan. 66	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	64	ALTERED GABBROIC ANORTHOSITE _ FINE to medium grained 50 - 20% mafic? 5 - 10 % carbonated irregular. 24 - 25 carbonated breccia 25 - 27 stringers of carbonate (40%) 31 - 34 shearing 60 deg. to core, irregular carbonate blebs and stringers (20%) basic green chlorite. 61 - 62 shearing 40 deg. to core, 20% irregular carbonate.													
64	127	ALTERED ANORTHOSITE - basic - homogenious medium grained light alteration, blurred feldspars - grey greenish, coarse, 5 - 15% mafic. Few sections of sericite.													
127	172	ALTERED ANORTHOSITE - sericite chlorite - minor leucoxene 5% irregular carbonate. 127 - 152 minor schistosity and carbonate stringers 30deg. to core. 152 - 153 brecciated - 50% carbonated 50% chlorite. 153 - 163 black chlorite schist, schistosity 45 deg. - 60 deg. to core. 169 - 170 shearing 20 - 25 deg. to core - chlorite sericite - dark green basic. 159 - 172 occasional specks and blebs of magnetite.													
172	206	BLACK CHLORITE speckled and patchy with black chlorite and white to greenish - 1 - 3% magnetite throughout. 190 - 191 shearing 25 deg. to core. Magnetite along shear.													
206	303	ALTERED ANORTHOSITE - sericite chlorite - dark grey black core - homogenious. Few specks of magnetite.													

PATIÑO MINING CORPORATION

SHEET NO. 2 HOLE NO. 16 P 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
Continued															
206	303	233 - 236 1" glossy white stringers 10 - 30 deg. to core with magnetite.													
		260 - 303 XX 1 - 2% specks of magnetite													
		235 - 275 sericite high in chlorite													
		275 - 303 sericite feldspar - dark grey													
	303	END OF HOLE													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	1600	ELEVATION	Tr. + 3
LOCATION	1600 Dr.	BEARING	N
SECTION	57,000 E	LENGTH	96
LATITUDE		CORE SIZE	Ax
DEPARTURE		FINISHED	March 1966

HOLE No.	16 P 3
SHEET No.	1
LOGGED BY	R.N.
PURPOSE	McKenzie Quartz Vein
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	30	ALTERED GABBRO Chloritized, massive gabbro with stringers of quartz carbonate. Schistosity partly developed. Barren.													
30	37	BLACK CHLORITE ZONE Very dark blue to black, chlorite-zoisite alteration 8% quartz-carbonate in moderate sized veins. (Apparently barren) Possiblyithe McKenzie Quartz Vein ???													
37	96	ALTERED GABBRO As 0-30, some sections notably about 58 and 63, are slightly more altered, they have about the same colour as 30 - 37 above.													
	96	END OF HOLE													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	1600	ELEVATION	Tr + 3	HOLE No.	16 P 4
LOCATION	1600 Dr.	BEARING	N	SHEET No.	1
SECTION	57,138 E	LENGTH	44	LOGGED BY	R. Newson
LATITUDE		CORE SIZE	Ax	PURPOSE	McKenzie Quartz Vein
DEPARTURE		FINISHED	March 1966	TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	44	ALTERED GABBRO Green, massive, dark carbonate veinlets. A one-inch section of quartz at 27' likely represents the remnant of the McKenzie Quartz Vein													
	44	END OF HOLE													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	1600	ELEVATION	Tr + 3
LOCATION	1600 M. Dr.	BEARING	N
SECTION	57,200 E	LENGTH	51'
LATITUDE		CORE SIZE	Ax
DEPARTURE		FINISHED	May 1966

HOLE No. 16 P 5
SHEET No. 1
LOGGED BY R. Newson
PURPOSE McKenzie Qua Vein
TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	51	ALTERED GARRO (Altered basic anorthosite??) Dirty olive-greenish-grey colour with medium - coarse -grained granular texture. At 5' alteration increases slightly and colour becomes slightly more blue. Texture less evident. Core broken for short sections in many places. Driller reported considerable difficulty in drilling this hole (Core angle 40-50 degrees.) Quartz-carbonate vein material 46' - 49' in somewhat chloritized rock.													
	51	END OF HOLE													

IÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	1600
LOCATION	~~1600 Main Dr.~~
SECTION	57,200 E
LATITUDE	
DEPARTURE	

ELEVATION	Tr + 3
BEARING	S
LENGTH	48'
CORE SIZE	Ax
FINISHED	

HOLE No.	16 P 6
SHEET No.	1
LOGGED BY	R. Newson
PURPOSE	McKenzie Quartz Ve
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	24	ALTERED ANORTHOSITE Sericite, zoisite alteration with some chlorite, especially in first 6 inches of hole. 1-2% leucoxene. At 10' 6" of carbonate vein containing possibly brecciated anhedral quartz grains from 1 mm to 10 mm across.													
24	48	ALTERED GABBRO Gabbroic texture but rather high feldspar content (60%) Light green to olive green colour. At 42 ft. grain size of feldspars increases - called anorthosite in 16 P 8.													
	48	END OF HOLE													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL 1600	ELEVATION Tr + 3	HOLE No. 16P7
LOCATION 1600 Main Dr.	BEARING N	SHEET No. 1
SECTION 57,300 E	LENGTH 49'	LOGGED BY R. Newson
LATITUDE	CORE SIZE Ax	PURPOSE McKenzie Q.V.
DEPARTURE	FINISHED May 1966	TOT. RECOVERY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT
0	21	ALTERED ANORTHOSITE Sericite, zoisite alteration 1-2% leucoxene. At 10' is a 6" carbonate vein, with rounded to angular quartz fragments of various sizes.													
21	28	ALTERED GABBRO Fairly coarse-grained and has high feldspar content (65%) for a gabbro. Sericite-chlorite alteration has vague olive-green colour. Leucoxene here also.													
28	49	ALTERED ANORTHOSITE Sericite, zoisite alteration with familiar bluish colour. Some chloritized sections. Some quartz carbonate and carbonate blebs and veins.													
	49	END OF HOLE													

TIÑO MINING CORPORATION

PORTAGE PROPERTY

DIP TEST		
FOOTAGE	ANGLE	
	RECORDING	CORRECTED
	Flat	

LEVEL	1600
LOCATION	1600 Main Dr.
SECTION	57,300 E
LATITUDE	
DEPARTURE	

ELEVATION	Tr + 3
BEARING	S
LENGTH	49'
CORE SIZE	Ax
FINISHED	May 1966

HOLE No.	16 P 8
SHEET No.	1
LOGGED BY	R. Newson
PURPOSE	McKenzie Q.V.
TOT. RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	GRADE ESTIMATE	SAMPLE NO.
0	49	ALTERED BASIC ANORTHOSITE Texture is anorthositic, albeit fine-grained for anorthosite. Sericite-zoisite alteration. Relict texture only visible in some sections 1½% leucoxene throughout. At 42' there is an abrupt change of rock or alteration type. Texture is fine-grained gabbroic. Relict feldspar material is about 70% of rock. Degree of alteration lower than previous section		
	49	END OF HOLE		

FOOTAGE FROM	FOOTAGE TO	FOOTAGE LENGTH	ASSAYS % CU	ASSAYS OZ AU	ASSAYS OZ AG	ASSAYS CU CUM. W X A	ASSAYS AU CUM. W X A		RECOVERY RUN	RECOVERY SHORT