GM 12889

DIAMOND DRILL RECORD

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CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: MALARTIC TOWNSHIP

SHEET NUMBER: 1

HOLE NUMBER: M - 1

DIAMOND DRILL RECORD

TOTAL DEPTH: 442	CO-ORDINATES COLLAR: 5000	DIP TESTS (TRUE DIPS)	PLOTTED ON PLANS:
WORKING PLACE:	LAT. N— 3080 DEP. E— 850	AT 195 45°	GEOLOGICAL 1"=20'
SECTION: 5.8	TO COLLAR:	AT 285 44°	
LOGGED BY: E. E. Meikle	BEARING: South	AT 365 43°	
DATE FINISHED: July 25, 1962	ANGLE: 45°		DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
			~~6~~ 8	~~93~~ 94	~~94~~ 96.5		~~.05~~ .02				
0.0	92	CASING:	1	106	108		Tr.				
92	97	FELDSPAR PORPHYRY:	2	110	113		.01				
		Pink quartz biotite monzonite. Mig.-mig. groundmass. 1/4"									
		feldspar crystals from 20% of rock. 1/2% pyrite. 96-97 -	3	138	140.2		.01				
		Barren quartz vein.									
			7	170	175		.01				
97	258	SEDIMENTS:	8	175	180		Nil				
		97 - 156.5 Iron formation. Interbanded aphanitic green siltstone and									
		gn aphanitic magnetite. Drag folded but where regular	9	187	190.2		.005				
		bands at 72° to core									
		97 - 113 5% magnetite, 106 - 107 porphyry	10	250	258		Tr.				
		113 - 148 15 - 20% magnetite. 135 - 140 porphyry	1-88	258	265		Tr.				
		148 - 156.5 10 - 15% "	11	265	270		.05				
		156.5 - 258 Mainly grey siltstone, some greywacke	12	270	275		.01				
		Bedding at 51° to core	~~1-88 (92) [illegible]~~				~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
258	442	FELDSPAR PORPHYRY:	1-89	275	280		Tr.				
			1-90	280	285		0.18	.14	0.15		
			1-91	285	290		Tr.				
		As from 92 - 97. Fine grained for one foot	1-92	290	295		Tr.				
		at contact	1-93	295	300		.02				
			1-397	300	305		Tr.				
			1-94	305	310		0.005				
			1-398	310	315		Tr.				
			1-95	315	320		Tr.				
			1-399	320	325		Tr.				
			1-400	325	330		Tr.				
			13	330	335		Tr.				
			1-211	335	340		Tr.				
			1-96	340	345		Tr.				
			1-212	345	350		Tr.				
			1-97	350	355		Tr.				
			1-402	355	360		Tr.				
			14 -1-401	360	365		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 1

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
			1-98	365	370		0.005				
			1-512	370	380		Nil.				
			15	380	385		0.005				
			1-514	385	390		Tr.				
			16	390	395		Tr.				
			1-515	395	400		0.005				
			17 1-410	400	405		0.02				
			20	405	410		Tr.				
			15	410	415		Tr.				
			18	415	420		.005				
			1-99	435	450		Tr.				
			1-411 1-100	430	435		0.005				
				435	440		0.03				
			1-411	440	442		Tr.				

B. K. Ph. D.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 2

TOTAL DEPTH 379

WORKING PLACE

SECTION 6

LOGGED BY B. K. Meikle

DATE FINISHED August 4, 1952

CO-ORDINATES COLLAR

LAT. N— 2725 DEP. E— 600

TO COLLAR

BEARING S 17° E

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT ' °

AT ' °

AT ' °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	63	CASING:									
63	132	FELDSPAR PORPHYRY:	2-413	63	68		Tr.				
		Quartz biotite, monzonite porphyry. Pink - coarse 1/4"									
		phenocrysts in fig. matrix. Generally 3% quartz stringers	2-414	70	75		0.005				
		Accessory 1/2% pyrite									
		68 - 76 Lightly silicified - bleached to pink-grey - grain	2-415	77.9	80		Tr.				
		outlines blurred	2-416	80	85		0.04				
		99 - 103 As from 68 - 76	2-417	85	90		0.005				
		112 - 132 " " " "	2-418	90	97		0.01				
132	379	SEDIMENTS:	21	100	110		Tr.				
		132 - 139 Iron formation. 15% magnetite - bands at 55° to core	2-419	108	110		0.005				
		139 - 179 Grey greywacke. Fig - mig. Minor	2-420	115	120		0.01				
		light silicification	2-421	120	125		0.005				
		179 - 379 Mainly grey to green-grey siltstone. Accessory pyrite	22	125	131.7		Tr.				
		Bedding at 206 - 51° to core; 268 - 61°; 320 - 55°;									
		378 - 65°	23	209	214		Tr.				
			24	214	219		Tr.				

Ph. D.

B. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY... MALARTIC TOWNSHIP

SHEET NUMBER... 1

DIAMOND DRILL RECORD

HOLE NUMBER... M - 3

TOTAL DEPTH... 810'

WORKING PLACE...

SECTION...

LOGGED BY... D. K. Meikle

DATE FINISHED... Sept. 7th. 1952

CO-ORDINATES COLLAR

LAT. N— 3600 DEP. E— 1400

TO COLLAR...

BEARING... South

ANGLE... -45°

DIP TESTS (TRUE DIPS)

AT 300' - 43°

AT 775' - 40°

AT ... - ...°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'...

DRILL 1"=20'...

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	130.0	CASING									
130.0	550	DIORITE - Medium grained - grey green - low scattered fine cubic pyrite - weakly magnetic, sparse epidote stringers and alteration - local fine grained facies	S-11	527	529.5	2.5	0.01				
			S-12	529.5	533.2	3.7	0.08				
			S-54	533.2	539	5.8	0.015				
		155.0 - 195.0 Weak shear - more chloritic and epidotic - low calcite	S-53	539	542.7	3.7	0.01				
		195.0 - 207.5 Med. to strong shear - strong calcite stringers - mod. chlorite and biotite	S-13	575	580	5.0	0.01		0.01	0.01	
		207.5 - 224.0 Shattered and altered - vuggy - low calcite stre. not sheared	S-15	585	590	5.0	0.01		0.01	0.01	
		224.0 - 230.0 Massive, med. grained - few calcite stre.	S-16	590	595	5.0	0.01		Trace	0.01	
		230.0 - 240.0 Weak shear - as above	S-17	595	597.5	2.5	0.02		Tr.	0.01	
		240.0 - 270.0 Fairly massive - vuggy - broken by calcite seams	S-18	597.5	600	2.5	0.01		Tr.	0.01	
		270.0 - 350.0 Medium grained - grey green - massive type	S-19	600	602.5	2.5	0.015		0.01	0.01	
		350.0 - 387.0 Some shattering and alteration	S-20	602.5	605.0	2.5	0.035		0.065	0.05	
		387.0 - 395.0 Low shear - low calcite stre. much finer grain	S-21	605.0	610.0	5.0	0.355		0.38	0.37	
		395.0 - 400.0 Massive - fine grained - dark grey-green- few feldspar crystals	S-22	610.0	612.0	2.0	2.12		2.24	1.00	(Cab)--
		400.0 - 432.5 As above - no feldspar crystals - some calcite stre. sharp contact at 65° at 432.5	S-23	612.0	615.0	3.00	0.20		0.25	0.26	
			S-24	615.0	617.5	2.5	0.035		0.01	0.02	
		432.5 - 434.8 Med. grain - massive	S-25	617.5	620.0	2.5	0.115		0.13	0.12	
		434.8 - 437.5 Fine grain - grey-green - poss. dyke? Foliated at 70°	S-26	620.0	625.0	5.0	0.035		0.04	0.04	
		437.5 - 438.0 Medium grained - massive - no calcite	S-27	625.0	630.0	5.0	0.07		0.07	0.07	
		438.0 - 452.0 Mixed Medium and fine grained sections - local slight foliated sections 70° - low epidote stre. - few calcite stre. - little leaching - could be some tuffaceous inclusions or fine grained diorite facies	S-28	630.0	635.0	5.0	0.085		0.10	0.09	
			S-29	635.0	638.5	3.5	0.015		0.02	0.02	
			S-30	638.5	640.1	1.6	0.075				
			S-31	640.1	645.0	4.9	0.020				
		452.0 - 533.2 Massive - becoming progressively finer grained - local low calcite mesh and fine threads - sparse epidote stre. 3 -5% magnetic	S-51	709.3	713.7	6.4	0.02				
		533.2 - 542.7 1-2% pyrite	S-52	713.7	718.5	4.8	0.025				
		542.7 - 571.0 Dacite - fine grained - grey - sparse epidote stre. could be dacite flow or fine facies of diorite - 2-3% magnetite	S-53	718.5	723.3	4.8	0.01				
		571.0 - 583.2 Brecciated with 50% quartz and calcite - medium pyrite in rock remnants									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: MALARTIC TOWNSHIP

SHEET NUMBER: 2

HOLE NUMBER: M - 3

DIAMOND DRILL RECORD

TOTAL DEPTH:
WORKING PLACE:
SECTION:
LOGGED BY:
DATE FINISHED:

CO-ORDINATES COLLAR
LAT. N— DEP. E—
TO COLLAR:
BEARING:
ANGLE:

DIP TESTS (TRUE DIPS)
AT: °
AT: °
AT: °

PLOTTED ON PLANS:
GEOLOGICAL 1"=20':
DRILL 1"=20':

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		SILICIFIED DIORITE 571.5 - 648									
		571.5 - 581.0 Fine grained - siliceous - non-magnetic - low to medium calcite threads - slight foliation 70° - 2-5% magnetic									
		581.0 - 599.0 Med. grain - weakly sheared - low calcite 2-5% magnetic									
		599.0 - 612.0 Med. to strong shear 70° - largely replaced by silica, calcite, albite and well mineralized with fine pyrite - local brownish tinge 2- 5% magnetic									
		612.0 - 641.0 Coarser diorite - shattered - lighter grey colour - med. calcite stringers - some albite and quartz - med. pyrite - locally weakly magnetic									
		641.0 - 644.0 Finer grain - stronger foliation 70°									
		644.0 - 648.0 Hard - siliceous - finer grain - slight foliation 70° becoming progressively darker in colour - possible sediments									
		SEDIMENTS									
		648.0 - 651.0 Interbedded greywacke and conglomerate - possibly some diorite intrusion.									
		651.0 - 656.5 Siliceous greywacke with occasional pebbles									
		656.5 - 663.0 Dark grey foliated greywacke or diorite - possibly tuffaceous bands at 72° to core									
		663.0 - 664.0 Conglomerate									
		664.0 - 675.0 Sheared and shattered greywacke with quartz stringers.									
		675.0 - 681.0 Conglomerate									
681 - 701	Diorite	681.0 - 701.0 Diorite - with partially digested inclusions of sediments accessory magnetite									
701-801	Sediments	701.0 - 706.0 Conglomerate									
		706.0 - 708.2 Altered greywacke									
		708.2 - 715.6 Conglomerate and greywacke 1/2% pyrite									
		715.6 - 718.0 Iron formation - black - highly magnetic - good bedding at 61°									
		718.0 - 727.2 Silicified greywacke - contains 1% pyrite. Bedding at 68° to core									
		727.2 - 810.0 Greywacke - minor pyrite associated with narrow bands of silicification - Bedding at 65° to core									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....GALACTIC TOWNSHIP.....

SHEET NUMBER.....1.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 4.....

TOTAL DEPTH.....815'.....

WORKING PLACE.....

SECTION.....

LOGGED BY...D. Agar.....

DATE FINISHED...Sept. 27th. 1962

CO-ORDINATES COLLAR

LAT. N—...3600..... DEP. E—...1300

TO COLLAR.....

BEARING...South.....

ANGLE.....50°.....

DIP TESTS (TRUE DIPS)

AT...250....48½...°

AT...500....40½...°

AT...750....39...°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0	105.0	Casing									
105.0	132.5	DIORITE. Medium texture grading to fine. Green to brownish green. Locally heavily speckled with fine magnetite 2-5%. Scattered stringers of epidote and quartz-carbonate. Occasional leached fractures. Light local silicification. Lightly mineralized with finely disseminated pyrite at intervals thoughout.									
		111.2 - 117.8 Light silicification. 10% quartz-carbonate. Less than 1% pyrite	M4-1	111.8	117.8	6.0	0.005				
		122.8 - 127.8 Light silicification. 5% quartz-carbonate. Less than 1% pyrite	M4-2	122.8	127.8	5.0	0.005				
		127.8 - 131.2 Light silicification. 5% quartz-carbonate. Less 1% pyrite	M4-3	127.8	131.2	3.4	0.005				
132.5	156.0	DIORITE, or ALTERED ANDESITE. Green. Fine textured. 20% epidote stringers and alteration. Scattered quartz strs. some with fine pyrite. Locally heavily speckled with fine magnetite. Sparse pyrite. 1-2%									
156.0	280.5	DIORITE medium to fine texture - grey-green to brownish green. Light to moderate quartz-carbonate chiefly as vague laminations along schistosity at 70°. Sparse pyrite. Few specks Chalco. Local epidote and magnetite	M4-4	178.5	182.0	3.5	Nil				
			M4-5	182.0	184.1	2.1	0.005				
		178.5 - 182.0 5 to 10% quartz-carbonate. Less than 1% pyrite.									
		182.0 - 184.1 30% quartz-carbonate-tourmaline - sparse pyrite									
		208.7 - 213.6 Heavily sheared at 60°, and chloritized. 15% quartz-carbonate laminations.									
156.0											
		215.5 - 217.6 Heavily sheared at 60°. Chloritized. 10% quartz-carbonate laminations. Sparse pyrite. Leaching along fractures.									
		223.2 - 226.7 10% quartz-carbonate stringers - 1% pyrite	M4-6	223.2	226.7	3.5	0.005				
		229.0 - 260.5 Fairly massive and unaltered. Few quartz-carbonate stringers.									
		254.5 - 257.5 Hematite in fractures.									
		260.7 - 263.0 Hematite in fractures. Little pinkish silicification.									
		263.0 - 263.7 Leached fractures.									
		269.2 - 277.0 Sheared at 55°. Sparse pyrite.									
		278.7 - 280.5 20% pinkish silicification and quartz-carbonate strs. 5% pyrite	M4-7	278.7	280.5	1.8	0.005				
280.5	290.7	DIORITE or ALTERED ANDESITE Fine textured. Green. 15% epidote strs. and alterations. Little fine magnetite. Several leached fractures. Little pyrite in fractures.									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 8

DIAMOND DRILL RECORD

HOLE NUMBER M - 4

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
290.7	505.1	DIORITE. Medium texture. Green to brownish green. Altered. Local silicification. Scattered quartz-carbonate & epidote stre. Fine disseminated magnetite. Sparse pyrite. Occasional leached fractures. Fine grained facies may be andesite inclusions.									
		302.0 - 306.5 Silicified and epidotized. Little pyrite.									
		305.8 - 307.6 Lightly silicified. 5% quartz-carbonate stre. with fine pyrite. Leached fractures.	M4-9	305.6	307.6	1.8	Tr.				
		315.3 - 317.4 Broken and leached									
		354.0 - 374.0 Badly broken up. Leached fractures. Few quartz-carbonate stre. and fragments well mineralized with pyrite. Quartz-carbonate stringers throughout. Moderate schistosity at 65°									
		374.0 - 401.0 Locally broken and leached. Few quartz-carbonate stringers with little pyrite.									
		393.5 1" quartz-carbonate tourmaline. Little pyrite.									
		411.1 - 411.5 Quartz-tourmaline. Little pyrite at fringes.									
		435.0 - 436.7 Broken into small fragments. Leached. Few fractures contain pyrite and quartz-carbonate. 2-5% magnetite									
		436.7 - 505.0 Locally broken and leached. Scattered small quartz-carbonate stre. -a few fragments with good pyrite - 2-5% magnetite.									
		476.2 - 480.6 20% quartz-carbonate. 3% pyrite	M4-9	476.2	480.6	3.4	0.005				
505.1	529.4	DIORITE or ALTERED ROCK: Fine textured. Light local silicification. Scattered small quartz and quartz calcite stringers. Sparse pyrite. Epidote at contact. 2-3% magnetite.									
		515.7 - 519.2 3% quartz stringers. Some pinkish quartz. 1% pyrite.	M4-10	515.7	519.2	3.5	0.006				
529.4	561.1	DIORITE: Medium texture. Moderately dark greyish. Light to moderate silicification. Scattered quartz stre. Some pinkish quartz. Well mineralized locally 1% magnetite									
		535.0 - 540.0 3% quartz stringers. Some epidote. 1% pyrite. 543---543.1%	M4-11	535.0	540.0	5.0	0.005				
		540.0 - 545.0 1% pyrite	M4-57	540.0	545.0	5.0	0.008				
		545.0 - 550.0 Light silicification. 5% quartz stringers at 80°. Sparse pyrite	M4-12	545.0	550.0	5.0	0.025	0.020	0.022		
		550.0 - 550.7 Moderate silicification. 8% pyrite	M4-13	550.0	550.7	0.7	0.085	0.070	0.08		
		550.7 - 555.3 Light silicification. Sparse pyrite	M4-14	550.7	555.3	4.6	0.035	0.05	0.03		

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY..... MALARTIC TOWNSHIP .....

SHEET NUMBER..... 3 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M-4 .....

TOTAL DEPTH.....

CO-ORDINATES COLLAR

DIP TESTS (TRUE DIPS)

PLOTTED ON PLANS:

WORKING PLACE.....

LAT. N—..... DEP. E—.....

AT..... ' ..... °

GEOLOGICAL 1"=20' .....

SECTION.....

TO COLLAR.....

AT..... ' ..... °

.....

LOGGED BY.....

BEARING.....

AT..... ' ..... °

.....

DATE FINISHED.....

ANGLE.....

DRILL 1"=20' .....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
539.4	561.1	DIORITE - continued									
		553.3 - 556.3 Moderate silicification along schistosity at 75°. 6% pyrite	M4-16	553.3	556.3	3.0	0.14	0.15	0.145		
		556.3 - 559.3 Light silicification and schistosity at 75°. Sparse pyrite	M4-18	556.3	559.3	3.0	0.07	0.105	0.09		
		559.3 - 561.1 Moderate silicification along schistosity at 80°. 3% pyrite.	M4-17	559.3	561.1	1.8	0.21	0.165	0.20		
561.1	567.6	SYENITE PORPHYRY: Medium texture. Pinkish. Fractured and strongly silicified. Chlorite in fractures.									
		561.1 - 564.1 0.5 grey quartz in strong shear at 85°at start. Grey quartz strs. at intervals throughout. 5% pyrite	M4-18	561.1	564.1	3.0	0.13	0.105	0.115		
		564.1 - 567.6 Moderate silicification. Several quartz carbonate strs. 3 to 5% pyrite.	M4-19	564.1	567.6	3.5	0.13	0.095	0.110		
		~~567.6---574.4~~									
567.6	574.4	DIORITE: Medium texture. Grey. Resembles aplite-diorite but this may be due to strong mottled silicification. Scattered quartz-carbonate strs. and grey quartz stringers. 3 to 5% pyrite.									
		567.6 - 571.1 As above	M4-20	567.6	571.1	3.5	0.09	0.025	0.05		
		571.1 - 574.4 As above	M4-21	571.1	574.4	3.3	0.04	0.025	0.03		
574.4	578.3	SYENITE PORPHYRY and DIORITE: Medium texture. Moderate to strong mottled silicification. Quartz and calcite in fractures. Some leaching at end of section. Could be fault. 3% pyrite.	M4-22	574.4	578.3	3.9	0.05	0.03	0.04		
578.3	616.1	CONGLOMERATE: Medium grey greenish. Siliceous pebbles in fine grained matrix, sometimes showing faint bedding and, or schistosity at 60 to 70° Local silicification, sometimes pinkish. Numerous quartz-carbonate-epidote stringers. Broken and leached. Little fine pyrite on fracture planes.									
		595.8 - 597.7 1.0' white and pinkish quartz in medium shear at 50°. Little pyrite	M4-23	595.8	597.7	1.9	0.035	0.035	0.03		
616.1	640.6	~~Iron Formation: Black. Highly magnetic. Iron in fine magnetite. Local carbonate and silicification. Bedding ranges from 60° to nearly parallel to core axis. Locally broken and leached. Little pyrite in fractures.~~									
~~640.6~~		~~636.5 - 639.4 30% quartz-carbonate. Sparse pyrite.~~									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 4

TOTAL DEPTH .....
WORKING PLACE .....
SECTION .....
LOGGED BY .....
DATE FINISHED .....

CO-ORDINATES COLLAR
LAT. N— ..... DEP. E— .....
TO COLLAR .....
BEARING .....
ANGLE .....

DIP TESTS (TRUE DIPS)
AT ..... ' ..... °
AT ..... ' ..... °
AT ..... ' ..... °

PLOTTED ON PLANS:
GEOLOGICAL 1"=20' .....
.....
.....
DRILL 1"=20' .....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		634.4 - 636.1 1' quartz-carbonate-feldspar at 70°. Heavy pyrite at fringes	M4-34	634.4	636.1	1.7	0.25	0.24	0.245		
			M4-35	633.4	634.4	1.0	0.003				
			M4-39	636.1	637.1	1.0	0.005				
640.4	659.4	BASIC DYKE: Dark green to greyish green. Local carbonatization. Faint schistosity at 70°.									
659.4	661.8	IRON FORMATION: Black. Highly magnetic.									
661.8	667.5	BASIC DYKE: Same as before. Contacts 50° and 60°.									
667.5	669.0	IRON FORMATION: Black. Highly magnetic.									
669.0	674.8	BASIC DYKE: Same as before.									
674.8	681.6	IRON FORMATION: Black. Highly magnetic.									
681.6	682.4	BASIC DYKE: Same as before.									
682.4	698.7	IRON FORMATION: Grey. Siliceous with black magnetite bands. Bedding ranges from 65° to nearly parallel core. Locally contorted. Scattered, fine quartz-carbonate stringers and little pyrite.									
		686.1 - 689.9: Scattered quartz-carbonate. Little pyrite.	M4-25	686.1	687.6	5.5	0.03	0.03	0.025		
		689.9 - 694.6: Quartz-carbonate stringers and local silicification, 20% pyrite. Faint schistosity at 75°	M4-26	689.9	694.6	4.7	0.16	0.180	0.17		
		694.6 - 698.7: Light carb. and silicification. 2% pyrite	M4-27	694.6	698.7	4.1	0.04	0.060	0.05		
698.7	700.0	Lost core									
700.0	815.0	GREYWACKE: Medium grey to dark grey. Fine textured. Generally fairly massive. Occasional bedding at 60°. Occasional quartz stringers up to 3", some with pyrite. Scattered, leached fractures.									

Ph. D.

B. K. Thurston

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MALARTIC TOWNSHIP.....

SHEET NUMBER.....1.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M-5.....

TOTAL DEPTH.....843.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....B. A. Keikie.....

DATE FINISHED..October 12, 1962

CO-ORDINATES COLLAR

LAT. N—.....3800..... DEP. E—.....1500.....

TO COLLAR.....

BEARING.....South.....

ANGLE.....45°.....

DIP TESTS (TRUE DIPS)

AT.....300'.....44½.....°

AT.....420'.....44.....°

AT.....650'.....42.....°

840 41½ °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0	113	Casing									
112	417	Diorite									
		112 - 164.5 Alternating bands of very fine grained, medium grained and coarse grained diorite. Contains accessory pyrite and irregular quartz, carbonate, epidote stringers form 5-10% of the core.									
		128 minor shearing at 69° to the core.									
		137.1 - 137.3 5% pyrite associated with quartz, carbonate									
		156.6 - 156.8 5% pyrite " " " "									
		156.8 - 164.5 1% " " " " "									
		164.5 - 189 Coarse grained diorite containing 2% magnetite and 3-5% epidote									
		164.5 - 168.4 1% pyrite	5-2	166.3	168.4	2.1	Tr.				
		168.4 - 172.0 Mainly partly leached quartz	5-3	168.4	172.0	3.6	0.04				
		carbonate stringers containing 5 - 10% pyrite	5-3	172.0	177.4	5.4	Tr				
		The contact with diorite is at 15° to the core									
		172.0 - 177.4 1% pyrite									
		177.4 - 189 1/2 - 1% pyrite									
		189 - 206 Fine grained and medium grained diorite. Contains 1% magnetite, 1/2% - 1% pyrite, minor shearing at 65° to core.									
		206 - 220 Coarse grained sheared diorite at 55° to core. Contains 1% magnetite, 1/2% to 1% pyrite									
		220 - 254 Fine and medium grained diorite, 1% magnetite, 1/2% pyrite	5-34	210	215	5.0	0.025				
		225.5 - 227.5 1% pyrite associated with quartz carbonate	5-33	215	220	5.0	0.003				
		254 - 407 coarse grained diorite, Rare accessory magnetite and pyrite									
		281 - 290 10% irregular quartz carbonate stringers - minor hematite - accessory pyrite. Minor shearing at 46° to core									
		300 - 304 Irregular quartz, carbonate hematite stringers									
		343 - 344 Partly leached quartz carbonate stringers - 2% pyrite									
		366 - 377 1/4" - 1/2" horn blende porphyroblasts									
		386 - 396 5% irregular quartz carbonate stringers 1/2% pyrite									
		407 - 417 Fine grained diorite, 20% quartz carbonate stringers, minor shearing at 45° to core, 1/2% pyrite accessory magnetite	5-35	410.7	415	4.3	Tr.				
417	621.7	ANDESITE - some interbedded tuff & minor greywacke accessory - 1% magnetite, contains 2% epidote stringers with some quartz and carbonate. - for more									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M-5

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
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.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		Quartz carbonate bands, contains 2% pyrite - Some diorite dikes, some agglomerates									
		3% magnetite.									
		436 - 437 Highly silicious and aphanitic. Contact at 78° to core.									
		446 - 447 and 448 - 451 as above									
		468.5 - 470 1% pyrite associated with quartz carbonate stringers									
		474.3 - 474.6 Silicious - contains 3% pyrite, minor chalcopyrite	S-6	621.7	625	3.3	0 .005				
		Bands at 47° to core	S-5	625	630	5.0	0 .06				
530		Banding at 50° to core	S-8	630	635	5.0	Tr.				
548 - 549.8		1/2% Pyrite	S-7	635	640	5.0	Tr.				
548 - 552		Moderate silicification	S-8	640	645	5.0	Tr.				
552 - 558		Highly silicified	S-9	645	650	5.0	0 .005				
568		Banding at 56° to core	S-11	650	655	5.0	0 .22	0 .015	0.12		5 assays 0.03
615 - 621.7		Sheared andesite and tuff, Bands at 38° to core - 1-3% magnetite	S-12	655	659.9	3.9	0 .035	0 .035	0.035		
		accessory pyrite	S-13	659.9	665	6.1	0 .465	0 .54	0.500		
621.7	686.5	SILICIFIED DIORITE - contains up to 5% magnetite	S-14	665	670	5.0	0 .34	0 .35	0.345		
		some albite minor carbonate, Quartz carbonate	S-15	670	675	5.0	0 .21	0 .19	0.20		
		Stringers form about 2% of the rock	S-16	675	680	5.0	0 .15	0 .155	0.15		
		621.7 - 659.9 1 - 3% pyrite	S-17	680	684.2	4.8	0 .23	0.255	0.23		
643 - 646		Quartz vein with minor tourmaline	S-18	684.2	686.5	2.3	0.23	0.23	0.23		
		and pyrite at contacts	S-19	686.5	687.6	1.1	0.11	0.135	0.12		.125
658.9 - 686.5		5 - 10% pyrite	S-20	687.6	689.3	2.3	0.135	0.025	0.075		.30 .2
								?			
686.5	696.3	GABBRO - accessory magnetite									
		686.5 - 687.6 2% pyrite in sheared gabbro, partly silicified									
		687.6 - 690.5 Sheared gabbro at 75° to core, 1/2 - 1% pyrite									
		690.5 - 696.3 Massive coarse grained gabbro									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M-5

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZ= GOLD PER TON I	ASSAY OZ= GOLD PER TON II	ASSAY OZ= GOLD PER TON AVE	II SAMPLE NO.	REM.
696.8	708	DIORITE - coarse grained 1 - 2% magnetite, 1/2% pyrite	M-21	696.8	700	3.2	0.005				
		704 - 705 Feldspar dike									
708	763	SILICIFIED DIORITE 1 - 4% pyrite 5% quartz									
		albite stringers, minor quartz carbonate stringers, 1% magnetite up to 732									
		758 - 763 May be silicified sediments - 1/2% pyrite									
			M-22	707.5	710	2.5	0.005	0.015			
763	842	SEDIMENTS Interbanded greywacke and conglomerate with some turf.	M-23	710	715	5.0	0.005	0.025			
		Banding at 60° to core, minor 3" silicified bands contain	M-24	715	720	5.0	0.01	0.01			
		accessory pyrite									
		763 - 764.7 1/2 - 1% pyrite - silicified	M-25	720	725	5.0	0.04	0.038			
		832 - 838 Magnetite Iron formation	M-26	725	730	5.0	0.05	0.05			
			M-27	730	735.3	5.3	0.01	0.015			
			M-28	735.3	740	4.7	0.02	0.035			
			M-29	740	745	5.0	0.01	0.05			0.01
			M-30	745	750	5.0	0.06	0.055	.06		
			M-31	750	755	5.0	0.07	0.12	.095		
			M-32	755	760	5.0	0.05	0.39	0.37		
			M-33	760	764.7	4.7	0.22	0.22	0.22		
			M-37	764.7	770	5.3	0.005				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

HOLE NUMBER M - 6

DIAMOND DRILL RECORD

TOTAL DEPTH 110'

WORKING PLACE

SECTION

LOGGED BY R. K. Meikle

DATE FINISHED October 11, 1962

CO-ORDINATES COLLAR

LAT. N— 3700 N DEP. E— 1400 E

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT ' °

AT ' °

AT ' °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0	110	CASING - Hole Abandoned. Deep Overburden, and numerous large boulders.									

R. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MALARTIC TOWNSHIP.....

SHEET NUMBER.....1.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 7.....

TOTAL DEPTH.....483.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....H. E. Noble.....

DATE FINISHED...October 20, 1962

CO-ORDINATES COLLAR

LAT. N—.....2820..... DEP. E—....1600 ?

TO COLLAR.....

BEARING.....South ?.....

ANGLE.....45°.....

DIP TESTS (TRUE DIPS)

AT.....250'.....42½...°

AT.....450'.....40....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0	95	GABBRO:	7-101	110.4	116.2	5.8	0.02				
			7-102	116.2	121.1	4.9	0.005				
95	348	DIORITE:	7-103	121.1	125.8	2.8	0.06				
		Massive and medium to coarse grained. Grey, contains also 2-3% magnetite	7-104	125.8	129.5	4.7	0.01				
		Mainly accessory pyrite but pyrite also occurs in 1/4" partly leached	7-105	129.5	134.2	4.7	0.02				
		seams associated with quartz and carbonate is fine grained, heavily	7-106	134.2	135.8	1.6	0.12				
		disseminated. cubes 119.4 - 119 1/2% Pyrite	7-107	135.8	140.0	4.2	0.025				
			7-108	140.0	145.0	5.0	0.03				
			7-109	145.0	150.0	5.0	Nil				
		125 - 125 10% pyrite	7-110	150.0	155.0	5.0	0.005				
		134.2 - 135.8 10% pyrite associated with quartz	7-111	155.0	160.0	5.0	0.02				
		carbonate and albite	7-112	160.0	165.0	5.0	Tr.				
		135.8 - 140 1/2% pyrite, light silicification	7-113	165.0	170.0	5.0	Nil				
192	217.7	SILICIFICATION; 5% pyrite moderate silicification	7-114	170.0	175.0	5.0	Tr.				
			7-115	175.0	180.0	5.0	Nil				
		221 - 234 Gabbro or diorite	7-116	180.0	185.0	5.0	Tr.				
		Medium to coarse grained 2-3% magnetite, massive	7-117	185.0	191.9	6.9	0.01	0.015			
			7-118	191.9	198.7	6.8	Bulk Sample		0.20		Free Gold
		234 - 348 Grey Diorite	7-119	198.7	198.9	3.2	0.01	0.03	0.02		
		Medium grained. Irregular light silicification with	7-120	198.9	201.0	2.1	0.28	0.26	0.27		
		accessory pyrite	7-121	201.0	205.0	4.0	0.035	0.035	0.035		
		255 - 263 Light shear at 30° to core	7-122	205.0	210.0	5.0	0.01	0.05	0.03		
		some amphibole porphyroblasts developed	7-123	210.0	215.0	5.0	0.19	0.18	0.185		
		263 - 275 Light silicification 2-3% magnetite	7-124	215.0	217.7	2.7	0.06	0.05	0.055		
		1%	7-125	217.7	221.0	3.3	Tr.				
		283.5 - 286.9 Two 2" seams contain 5% pyrite	7-126	221.0	235.0	4.0	0.01				
		associated with quartz and carbonate									
		321.6 - 329.4 Light silicification 1% pyrite									
		334 - 341 " " 1% "	7-127	283.0	287.5	4.5	0.005				
		342 - 348 Banding (shear?) at 18° to core	7-128	287.5	270.3	2.8	0.10				
			7-129	270.3	275.0	4.7	0.005				
(348)	348	482 VOLCANICS:									
		Inter-banded tuff, agglomerate and associated greywacke. Some Andesite	7-130	280.5	286.9	3.4	0.02				
351.5	351.6	SILICIFICATION: Highly silicified, 10% pyrite (over)									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MCLAUGHLIN TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 7

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY B. E. Neikle

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....' .....°

AT.....' .....°

AT.....' .....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		Continued:									
		20% quartz, carbonate, albite. Accessory Tourmaline	7-131	321.6	326.6	5.2	0.005				
			7-132	326.6	329.4	2.6	Tr.				
		391 - 426 1-5% magnetite									
		400 - 403 Cherty iron formation	7-133	334.0	341.0	7.0	Nil				
		405 - 413 Andesite						?			
		418 - 424 Certy iron formation. Bands at 34° to core	7-134	351.5	357.7	6.2	0.45	0.42	0.435		
		452 - 473 Highly sheared at 38° to core. 5% quartz, carbonate albite stringers. Accessory pyrite, accessory magnetite	7-135	357.7	361.6	3.7	0.17	0.16	0.165		
			7-136	376.9	383	6.1	0.05				
		474 - 477 Brecciated andesite. Pink and white carbonate fracture filling.									

B. E. Neikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 9

TOTAL DEPTH 691

WORKING PLACE

SECTION

LOGGED BY B. K. Meikle

DATE FINISHED October 26, 1962

CO-ORDINATES COLLAR

LAT. N— 5300 DEP. E— 1600

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 200 - 43½ °

AT 450 - 40 °

AT 650 - 42 °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0	29	CASING:									
29	115	SHEARED DIORITE AND VOLCANICS:									
		29 - 31 Medium grained andesite or diorite. Accessory pyrite									
		31 - 115 Interbanded tuff, agglomerate, andesite or diorite 1-2% magnetite, accessory pyrite.									
		31--47 Foliated (sheared?) at 47° to core									
		73-80 Foliated (sheared) at 45° to core									
		43-115 Foliated (sheared) at 46° to core, accessory magnetite									
115	300	MASSIVE DIORITE: Medium to coarse grained, accessory pyrite.									
		145 - 213 Some bands of fine grained diorite									
		213 - 215 Hornblende porphyroblasts									
		216 2" leached quartz carbonate stringers. 5% pyrite									
		270 Light shear at 47° to core									
300	497	VOLCANICS & SOME DIORITE:									
		Interbanded tuff, agglomerate, and andesite or diorite. Few narrow magnetite chert bands.									
		341 - 348 Gabbro or diorite - Some 1/4" hornblende phenocrysts.									
		362 - 371 Bands at 65° to core									
		399 - 497 Accessory to 4% magnetite									
		400 Light shear at 75° to core	S-137	415.5	416.7	1.2	0.005	0.015			
		402.5 - 415 Strong shear at 50° to core	S-138	415.7	419.6	3.9	0.25	0.25	0.250		
		amphibole crystals developed along schistosity	S-139	419.6	420.6	1.0	0.05	0.05			
		419.6 - 420.6 5 - 10% pyrite, very minor silicification	S-140	420.6	420.1	2.5	0.005	0.02			
		5% quartz, carbonate, white stringers	S-142	423.1	426.2	3.1	0.02				
		420.6 - 426.2 Light silicification 1 - 2% pyrite	S-143	426.2	429.7	3.5	0.005				
		426.2 - 432.1 Fine grained diorite or andesite 1-2% pyrite	S-145	429.7	432.1	2.4	0.02				
		435 - 437 Strong shear at 65° to core									
		444 - 447 " " " 75° " core									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 8

TOTAL DEPTH .....

WORKING PLACE .....

SECTION .....

LOGGED BY B. K. Meikle

DATE FINISHED .....

CO-ORDINATES COLLAR

LAT. N— ..... DEP. E— .....

TO COLLAR .....

BEARING .....

ANGLE .....

DIP TESTS (TRUE DIPS)

AT ..... ' ..... °

AT ..... ' ..... °

AT ..... ' ..... °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20' .....

.....

.....

DRILL 1"=20' .....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		Continued:									
		454 - 456 Strong shear at 65° to core									
		464.7 - 468.8 Light silicification - 1 - 2% pyrite	S-144	464.7	469.8	4.1	Tr.				
		472 - 475 Strong shear at 55° to core									
		483 - 497 Light silicification	S-145	483.7	490	6.3	0.005				
		Foliated tuff (?) 1-3% pyrite	S-146	490	495	5.0	0.01				
			S-147	495	497	2.0	0.005				
497	550	DIORITE: Fine grained to medium grained - 2-5% magnetite - content decreases gradually to accessory magnetite at 550. Accessory to 1/2% pyrite Very light silicification.									
550	581	SILICIFIED DIORITE:	S-148	550	555	5.0	Tr.				
		550 - 569 Light silicification 1/2 - 1% pyrite	S-149	555	560	5.0	0.005				
		569 - 581 Highly silicified (blue quartz)	S-150	560	565	5.0	0.01				
		2 - 5% pyrite	S-58	565	569	4.0	0.01				
		574.6 - 575 Barren quartz vein	S-59	569	574.4	5.4	0.005	0.015			
		576 - 577 " " "	S-60	574.4	576.9	2.5	0.02	0.01			
			S-61	576.9	580.9	4.0	0.20	0.10	0.144	0.12	0.1
581	591	SEDIMENTS:	S-62	580.9	582.7	1.8	0.01	0.015			
		581 - 586 Silicified, Pink to Brown conglomerate. Accessory pyrite	S-63	582.7	585.9	4.2	0.005				
		Bands at 71° to core	S-64	585.9	592.1	6.2	0.005				
		586 - 592.1 Silicified grey conglomerate									
		592.1 - 630 Grey conglomerate and greywacke, accessory pyrite									
		630 - 651 Greywacke. Bands at 74° to core									
		642 - 642.5 5% Pyrite associated with minor quartz, carbonate.									
		654 - 655 Silicified 2% pyrite									
		655 Bands at 67° to core									

B. K. Meikle, Ph. D.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY..... MALARTIC TOWNSHIP .....

SHEET NUMBER..... 1 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 9 .....

TOTAL DEPTH..... 702 .....

WORKING PLACE.....

SECTION..... 17 .....

LOGGED BY.. R. E. Meikle .....

DATE FINISHED... Nov. 6, 1952 .....

CO-ORDINATES COLLAR

LAT. N— 3380 ..... DEP. E— 1700

TO COLLAR.....

BEARING..... South .....

ANGLE..... 60° .....

DIP TESTS (TRUE DIPS)

AT 280 ..... ' .... 55 ..... °

AT 500 ..... ' .... 52 ..... °

AT 785 ..... ' .... 51 ..... °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20' .....

.....

.....

DRILL 1"=20' .....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	39	CASING:									
39	170	VOLCANICS and SHEARED DIORITE:									
		39 - 42 Fine grained andesite or diorite									
		42 - 93 Interbanded tuff, agglomerate, andesite and narrow bands of porphyritic andesite.									
		Lt. shear at 59° to core at 57'									
		93 - 96 Porphyritic andesite									
		99 - 109 " andesite									
		109 - 170 Mainly lightly sheared fine grained to medium grained andesite or diorite. Minor biotite and some amphibole developed along schistosity. Few irregular narrow bands of silicification with minor assoc. pyrite. Minor quartz carbonate stringers with assoc. pyrite. 119 - 170 accessory magnetite.									
		122 - Light shear at 61°									
		146 " " " 56°									
170	315	MASSIVE DIORITE:									
		Contains 2 - 4% magnetite, accessory pyrite	S-151	231.3	238.3	2.1	0.01				
		190 - 191 1% pyrite, 10% biotite	S-152	233.3	237.8	4.5	Tr.				
		191 - 192.3 Barren quartz vein, accessory tourmaline	S-153	237.8	239.6	1.8	Tr.				
		198 - 200 Light shear at 66°									
		210.3 - 212 Porphyritic, 2% pyrite	S-154	268.1	274.2	6.1	0.05				
		224 - 225.8 Light silicification 2% pyrite									
		230 Calcite crystals in fracture									
		231 - 233 Sheared diorite, quartz, albite, carbonate 1% pyrite									
		233 - 738 Some blue quartz, carbonate & albite, 3% pyrite - sheared at 59° to core									
		268 - 274 Sheared diorite, 58°, 2% pyrite, Some blue quartz									
315	362.5	ANDESITE OR DIORITE:									
		Fine grained to medium grained. Few narrow bands of light silicification with assoc. pyrite.									
		345 - 346 Barren quartz vein									
		358 - 362.5 Sheared at 70°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 2

TOTAL DEPTH

WORKING PLACE

SECTION

LOGGED BY B. K. Meikle

DATE FINISHED

CO-ORDINATES COLLAR

LAT. N— DEP. E—

TO COLLAR

BEARING

ANGLE

DIP TESTS (TRUE DIPS)

AT .' °

AT .' °

AT .' °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
368.5	510	MASSIVE DIORITE:									
		Coarse grained, green, accessory pyrite.									
		396 - 405 5% - 1/4" - 1/2" hornblende crystals									
		408 - 409 Minor quartz carbonate, 1/2% pyrite									
		414 6" partly leached quartz carbonate seam									
510	662	VOLCANICS and SHEARED DIORITE:	9-155	510.5	515.4	4.9	Tr.				
		contains accessory magnetite and pyrite									
		513 - 518 Foliated tuff? 1/2% pyrite, minor silicification, 5% calcite.	9-156	557.5	560.5	3.0	Tr.				
		Bands at 57° to core									
		519 - 521 Diorite	9-157	581.1	583.6	2.5	0.005				
		521 - 531 Andesite									
		531 - 536 Tuff, foliated at 58° to core	9-158	611.5	613.9	2.1	0.07				
		547 - 557 Andesite	9-159	613.9	616.8	4.9	Tr.				
		557 - 560.5 Lt. silicification, 1/2% pyrite. Bands at 58°	9-160	618.8	620	1.2	0.02				
		560.5 - 562 Cherty sediments	9-161	620	625	5	0.005				
		565 - 567 Agglomerate	9-162	625	630	5	Tr.				
		568 - 572 Andesite	9-163	630	635	5	0.02				
		572 - 575 Brecciated zone. Quartz & epidote filling	9-164	635	640	5	Tr.				
		575 - 612 Mainly tuff. 591 - 593 1% pyrite	9-165	640	645	5	Tr.				
		Bands at 61° to core	9-166	645	650	5	Tr.				
		612 - 614 Silicified tuff - 2 - 5% pyrite	9-167	650	655	5	Tr.				
		614 - 619 Andesite, 1/2% pyrite	9-168	655	658	3	0.005				
		619 - 620 Silicified, 2% pyrite	9-169	658	659.2	1.2	0.17				
		620 - 658 Andesite or Diorite. Light shear. Contains 2-5% ± magnetite	9-170	659.2	660.5	1.3	0.005				
		1% pyrite									
		652 - 653 Barren quartz vein. Heavy pyrite at contacts.									
		657 Bands at 70°									
		658 - 659.2 Highly silicified 5% pyrite									
		659.2 - 660.5 Minor silicification, 1/2% pyrite									
		660.5 - 662 Fig. diorite or andesite									
662	705	MASSIVE DIORITE:									
		Medium to coarse grained dark grey, massive, contains 2% ± magnetite,									
		accessory pyrite.									
		697 - 705 Coarse grained, Lt. grey									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MALARTIC HYG NORTHFIELD.....

SHEET NUMBER.....3.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 9.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY...R. K. Wells.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
705	763	SILICIFIED VOLCS:									
		705 - 723 Coarse grained, blue-grey, 1/2% pyrite, accessory magnetite. Light silicification.									
		Lost core 720 - 721, 722 - 723									
		723 - 735 Fine grained, grey, 1% magnetite, accessory pyrite, minor light silicification.									
		735 - 742 Medium grained silicified diorite, 1/2% pyrite									
		742 - 754 Highly silicified diorite	9-171	740	741.2	1.8	Tr.				
		742 - 744 1/2% pyrite, 5% pink feldspar	172	741.2	743.6	2.0	0.015				
		744 -747 5% pyrite, 5% pink feldspar	173	743.6	746.4	2.8	0.01				
		747 - 749 1/2% pyrite	174	746.4	748.6	2.2	Tr.				
		749 - 750 5% pyrite	175	748.6	750	1.4	0.02				
		750 - 754 1/2 to 1% pyrite	176	750	754.2	4.2	Tr.				
		754 - 758 Lightly silicified diorite, medium grained, 1/2% pyrite									
		758 - 763 Fine grained diorite									
763	792	SEDIMENTS:									
		763 - 783 Siliceous (cherty) conglomerate, contains some pink feldspar									
		766.6 - 767 granodiorite boulder. Bedding averages 54°									
		Lost core 770 - 771; 772 - 773; 775.5 - 776.3; 777 - 778									
		783 - 792 Conglomerate - less siliceous matrix, grey-green, fewer pebbles.									

R. K. Wells
Ph. D

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 10

TOTAL DEPTH 982'

WORKING PLACE

SECTION 18

LOGGED BY S. K. Meikle

DATE FINISHED November 22nd, 1962

CO-ORDINATES COLLAR

LAT. N— 3600 DEP. E— 1500

TO COLLAR

BEARING South

ANGLE 65°

DIP TESTS (TRUE DIPS)

AT 450 . 59 °

AT 650 . 58.15 ° 58½°

AT 850 . 57.30 ° 57½°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0.0	105	CASING:									
105	238	VOLCANICS and SHEARED DIORITE:									
		105 - 179 Interbanded tuff, agglomerate, andesite and porphyritic andesite									
		125 Bands at 60° to core									
		157 - 158 Fracture zone, Quartz and epidote filling									
		162 - 162.5 Quartz carbonate stringer 5 - 10% pyrite									
		177 - 197 Highly sheared diorite at 45°	10-201	176.5	180	3.5	0.005				
		177 - 180 5% quartz carbonate stringers 1/2% pyrite	10-202	180	185	5.0	0.01				
		180 - 185 50% " albite carbonate, 1/2% pyrite	10-203	185	187.8	2.8	0.045				
		185 - 188 50% " " " 1% "	10-204	187.8	190.7	2.9	0.04				
		188 - 191 50% " " " 3% "	10-205	190.7	193.2	2.5	0.01				
		191 - 193 Quartz vein, minor albite, carbonate and tourmaline	10-206	193.2	197.8	4.6	0.08				
		193 - 197 50% Quartz, albite, carbonate 1% pyrite	10-207	197.8	205	7.2	0.005				
		197 - 205 20% " " " 1/2% "	10-208	205	209.5	4.5	0.005				
		205 - 210 10% " " " 1% "									
		210 - 238 Andesite or fig. diorite	10-209	219.4	225	5.6	Tr.				
		220 - 225 Minor quartz carbonate 1/2% pyrite									
		230 - 235 " " " 1/2% "	10-210	230.4	235	4.6	Tr.				
		235 - 238 Silicified 1% "	10-211	235	238	3.0	Tr.				
238	342	MASSIVE DIORITE:									
		Coarse grained, green, contains 2% magnetite, accessory pyrite									
		278 - 280 5% pyrite assoc. with quartz, carbonate									
		280 - 286 Brecciated zone, Epidote, quartz and	10 -212	278.4	280.4	2.0	Tr.				
		hematite in fractures 1/2% pyrite	10-213	280.4	286.1	5.7	Tr.				
		304 - 342 Accessory magnetite									
		313 - 316 Light shear at 40° to core									
		340 - 342 Fine grained									
342	397	VOLCANICS:	10-214	340.7	352.7		Tr.				
		342 - 366 Foliated tuff. Bands at 40° to core	10-215	360.1	363.2		0.005				
		some quartz carbonate stringers, accessory pyrite and magnetite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 10

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY B. X. Weikle

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		348.7 - 382.7 1/2% pyrite, associated with quartz carbonate									
		398.1 -452.1 Brecciated zone, quartz, carbonate, albite filling 1% pyrite									
		386 - 397 Andesite, low shear at 82°, accessory pyrite and magnetite	10-216	381.3	398.7	7.5	.005				
397	477	MASSIVE DIORITE:					?				
		Accessory pyrite and magnetite	10-217	382.3	690	1.8	.35	)	.137/3.8°		
		427 - 433 Sheared and foliated at 60°, minor quartz carbonate 1/2% pyrite	10-218	690	692	2.0	.04	)			
			10-219	692	693.8	1.8	.01				
		445 - 449 Fracture zone, pink and white carbonate, hematite, epidote and	10-220	693.8	696.4	2.6	.005				
		quartz filling, 1/2% pyrite									
		471 - 477 10% epidote	10-221	715	720	5.0	.005				
			10-222	720	725	5.0	.005				
477	690	VOLCANICS:	10-223	725	730	5.0	Tr.				
		accessory - 1% magnetite, accessory pyrite	10-224	730	735	5.0	Tr.				
		477 - 484 Fine grained - medium grained andesite or diorite	10-225	735	740	5.0	.005				
		484 - 531 Porphyritic andesite, fine grained matrix, medium to course									
		grained feldspar phenocrysts									
		531 - 548 Andesite and tuff, sheared at 47°									
		548 - 552 Porphyritic andesite									
		581 - 588 Light silicification, 1/2 - 1% pyrite									
		588 - 595 Porphyritic andesite, light shear at 46°									
		600 - 603 Porphyritic andesite									
		603 - 643 Agglomerate, tuff and andesite									
		643 - 657 Fine-medium grained andesite or diorite									
		657 - 664 Lightly silicified tuff - 1/2 - 1% pyrite bands at 57° to core									
		664 - 681 Fine - medium grained andesite or diorite									
		681 - 688 Tuff, bands at 86° to core									
		688 - 690 Silicified tuff, 5% pyrite									
690	776.8	SILICIFIED DIORITE:									
		Contains 1 - 2% magnetite. Blue-grey									
		690 - 692 3% pyrite, 692 - 693.8 accessory pyrite									
		693.8 - 696 1/2% pyrite, 696 - 703 accessory pyrite									
		700 - 706 Minor pink feldspar									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: MALARTIC TOWNSHIP

SHEET NUMBER: 3

DIAMOND DRILL RECORD

HOLE NUMBER: M - 10

TOTAL DEPTH	CO-ORDINATES COLLAR	DIP TESTS (TRUE DIPS)	PLOTTED ON PLANS:
WORKING PLACE	LAT. N— DEP. E—	AT °	GEOLOGICAL 1"=20'
SECTION	TO COLLAR	AT °	
LOGGED BY B. K. Meikle	BEARING	AT °	
DATE FINISHED	ANGLE		DRILL 1"=20'

Core Footage From	Core Footage To	Description	Sample No. I	From	To	Length	Assay Ozs Gold per Ton I	II	Ave	Sample No. II	Rem.
		708 - 709 Tuff (?)	10-226	740.0	745.0	5.0	Nil				
		712 - 715 Tuff (?) foliation at 62°	10-227	745.0	749.0	4.0	Tr.				
		715 - 743 1/2% pyrite	10-228	749.0	758.3	9.3	.005				
		726 - 728 Shear at 65° to core	10-229	758.3	763.0	4.7	Tr.				
		749.0 - 753.7 Tuff, irregular contacts	10-230	762.0	765.0	3.0	.01				
		754.3 - 758.4 " "	10-231	765.0	767.5	2.5	.02				
		758.4 - 765.0 Moderately silicified diorite	10-232	767.5	770.0	2.5	.09				
		765.0 - 776.8 " " " increase in silicification	10-233	770.0	772.5	2.5	.01				
		Distinctly sheared bands at 45°	10-234	772.5	775.0	2.5	.015				
		1/2 - 1% pyrite, minor weakly magnetic (10-236)	10-236	776.8	780.0	3.2	Tr.				
		sections, minor Qtz. carbonate veinlets (10-235)	10-235	775.0	776.8	1.8	Tr.				
776.8	962	SEDIMENTS:									
		Beds of greywacke sections of conglomerate, weakly	10-237	780.0	785.0	5.0	.01				
		magnetic throughout. Sheared & Silicified sections with	10-238	785.0	790.0	5.0	.005				
		up to 3% of pyrite at 50°	10-239	790.0	795.0	5.0	.005				
		800.0 - 810.0 More pronounced shearing at 50°	10-240	795.0	800.0	5.0	.23 }	.138/ 10.0'			
		increase in silicification & pyrite	10-241	800.0	805.0	5.0	.04 }	.115/ 13.0'			
			10-242	805.0	808.0	3.0	.065				
		803.7 - 804.7 Highly silicified & brecciated section with 1% pyrite	10-243	808.0	810	2.0	.005				
		light to buff-grey	10-244	810.0	812.5	2.5	Tr.				
		810.0 - 841.3 Mainly grey conglomerate with fragments	10-245	812.5	815	2.5	Tr.				
		up to 3 cm. 1/2 - 1% pyrite	10-246	815.0	817.5	2.5	.01				
		841.3 - 901 Mainly grey conglomerate with fragments up to 3cm.	10-247	817.5	~~820.0~~ 820	2.5	Tr.				
		1/2 - 1% pyrite, minor isolated sections of fine dissem.	10-248	820	822.5	2.5	.01				
		pyrite. Fragments up to 7 cm. At 882.0 - 883.0 of	10-249	822.5	825	2.5	.005				
		bedding at 40°. Scattered veinlets & patches of epidote	10-250	825	830	5.0	Tr.				
		Distinct bedding at 60° from 880.0 to 887.0	10-177	830	835	5.0	Tr.				
		901 - 920.5 Iron formation - Bands at 52° ~~to core~~	10-178	835	837.5	2.5	.01				
		very fig. magnetite, no hematite, magnetic, iron content	10-179	837.5	841.2	3.7	.005				
		20 - 25%. Might be suitable as an iron ore if body was									
		larger. 910 1 Qtz. vein, minor pyrite contents.									
		920.5 - 962 Fig. greywacke. Bands at 61°, access. pyrite.									
		is speckled with Bld. Finely bedded and could be slightly									
		recrystallized tuff part.									
		@ 950' broadcast 63° to c 83° to core									

B. K. Meikle, Ph.D.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M-11

TOTAL DEPTH 707

WORKING PLACE

SECTION 18.5

LOGGED BY B. E. Meikle

DATE FINISHED 19/11/62

CO-ORDINATES COLLAR

LAT. N— 3800 DEP. E— 1550

TO COLLAR

BEARING South

ANGLE 50°

DIP TESTS (TRUE DIPS)

AT 200 ' 47° o

AT 500 ' 44 o

AT 700 ' 43½ o

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	77.5	CASING									
77.5	113	VOLCANICS									
		Mainly fig. andesite, minor bands of porphyritic andesite. Accessory pyrite and magnetite									
		87 - 88 Epidote and quartz filling in a breccia zone									
		93 Light shear at 65° to core. 95 - 97 Lost core									
		107 Light shear at 64°									
113	168	DIORITE:									
		Mig - Cig. Grey-green. 125 Light shear at 55° accessory pyrite, 2% magnetite									
		127 - 137.5 Quartz vein containing 8% chalcopyrite, minor pyrite, few specks of tourmaline.									
		137 - 139 Minor alteration forming pink feldspar									
		143 Light shear at 38°									
		147 - 148 Minor feldspar alteration									
		147.5 - 156 Lightly silicified, 1/2% blue quartz grains. 1/2% pyrite									
		156 - 168 Moderate silicification & some alteration to pink feldspar. 160-161.5 might be a feldspar porphyry dike	11-43	155.7	160	4.3	0.005				
			11-44	160.0	162.5	2.5	0.01				
			11-285	162.5	165	2.5	0.02				
168	185	VOLCANICS:									
		Tuff and agglomerate. Strong shear at 60° Amphibole crystals developed along shear planes. Acc. 1% magnetite									
		175 - 185 Minor feldspar alteration									
185	369	DIORITE:									
		Mig - Cig. Gradual change from grey to green by 220									
		220 - 369 Speckled green. Acc. py. 2 - 5% magnetite									
		Light shear at 192 at 60°									
		" " " 207 " 44°									
		364 - 369 Accessory 2% magnetite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....2.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M-11.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
359	569	VOLCANICS:									
		Acc. 1% magnetite, acc. pyrite.									
		389 - 398 Tuff. Foliated and sheared at 52°									
		398 - 400 Fig. andesite									
		400 - 421 Mainly porphyritic andesite									
		412 Light shear at 52°									
		421 - 441 Tuff and agglomerate. Lt. shear at 50°									
		427 - 429 Minor pink feldspar alteration	11-158	427.9	429.1	0.9	.03				
		429 - 430 Barren quartz vein									
		441 - 475 Mainly andesite and porphyritic andesite. Much of this									
		could be altered diorite									
		467 - 469 Barren quartz vein. Minor albite and carbonate.									
		Few grains Tourmaline	11-160	550	553.5	3.5		Tr.			
		507 - 518 Light to moderate silicification and	11-161	553.5	556.2	2.7		.005			
		grey feldspar alteration. Associated with veinlets	11-162	556.2	560.8	4.6		.005			
		1/4% pyrite	11-163	560.8	563	2.4		Tr.			
		495 Light Shear at 61°	11-164	563	565	2		Tr.			
		517 - 534 Medium grained sheared diorite	11-165	565	570	5.		Tr.			
		or andesite. Numerous quartz, albite carbonate	11-166	570	575	5.		.02			
		stringers give foliated appearance 60° to core	11-167	575	575.7	3.7		.01			
		Accessory - 1/2% magnetite. Acc. pyrite	11-168	575.7	563	4.2		.005			
		534 -569 Tuff and fig. andesite. Acc. pyrite	11-169	583	586.2	3.3	0.02	.06	0.035		
		Acc. 1/2% magnetite	11-170	586.2	587.1	2.9	0.05	.08	0.065		
			11-171	589.1	591.3	2.2	0.105	.20	0.15		
569	579	DIORITE:	11-172	591.3	594.3	3	0.043	.03	0.04		
		Fig.-mig. Green. Few bands xx of silicification and	11-173	594.3	598.3	4	0.01	.02	0.015		
		Assoc. pyrite. Contains 1/2% pyrite. Acc. magnetite	11-174	598.3	600.4	2.1	0.02	.04	0.03		
			11-175	600.4	602.3	1.9	0.04	.07	0.055		
579	607	SILICIFIED DIORITE:	11-176	602.3	605	2.7	0.176	.17	0.17		
		Medium grained, if grey - white silicification with some	11-177	605	608.7	1.7	0.135	.14	0.14		
		albite and carbonate. Generally 2 -3% pyrite	11-178	608.7	610	3.3		.005			
		590 - 591.5 5% pyrite	11-179	610	612.5	2.5		Tr.			
			11-200	612.5	615	2.5		Tr.			
			11-55	615	618.4	3.4		Nil			

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....3.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M-12.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
607	687	DIORITE:	11-251	684	685			0.035			
		Grey. Acc. 1% magnetite. Acc. pyrite	11-252	685	686.5			0.035			
		607 - 625 Mig.-Mig.	11-253	686.5	688.6			0.05			
		625 - 684 Mig.-Cig. 3 - 4% magnetite, Acc. 1/2% pyrite	11-254	688.6	690.5			Tr.			
		Minor blue Quartz in scattered grains.									
		684 - 687 Highly silicified diorite. Acc. magnetite 1/2% pyrite									
687	707	SEDIMENTS:									
		Conglomerate. Pronounced pink feldspar alteration									
		especially of pebbles. Accessory pyrite. Bedding at									
		54° to core. 687 - 688 1% pyrite									

B. K. Peterson Ph. D.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 18

TOTAL DEPTH 548

WORKING PLACE

SECTION 14.5

LOGGED BY B. K. Meikle

DATE FINISHED November 28, 1952

CO-ORDINATES COLLAR

LAT. N— 3150 DEP. E— 548

TO COLLAR

BEARING

ANGLE 90°

DIP TESTS (TRUE DIPS)

AT 80 °

AT °

AT °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0.0	23.5	CASING									
23.5	107	DIORITE:									
		M.G. - C.G. Speckled green - accessory magnetite and pyrite									
		23.3 - 41 5% C.G. hornblende crystals									
		66 - 77 Fig. possibly andesite - minor quartz carbonate stringers -									
		acc. 1/8% py magnetite									
		86 - 88 Fig. groundmass with mig. lineated amphibole crystals									
		101 - 103 As from 86 - 88									
107	381	VOLCANICS:									
		Grey-green. Mainly non-magnetic - accessory pyrite									
		107 - 123 Fig. andesite. Some quartz, carbonate stringers with assoc.									
		pyrite. Badly leached. Minor shear at 35°									
		123 - 202 Mainly porphyritic andesite - green - some coarse grained									
		Could be diorite									
		125 - 127 Minor pink feldspar alteration									
		150 Light shear at 35°									
		202 Acc. 1/2% magnetite									
		202 - 214 Chert, tuff and agglomerate. Bands at 27°									
		203 - 205 1/2% pyrite									
		214 - 275 Dark grey fig. andesite									
		225 - 239 Porphyritic andesite									
		239 - 250 Mainly aphanitic andesite, some tuff bands at 27° to core									
		257 - 258 Strong shear and brecciation at 20°									
		280 - 290 Interbanded porphyritic andesite and fig. andesite. Acc.									
		2% magnetite									
		275 Light shear at 25°									
		284 - 288 Epidote, quartz, carbonate, 5% pyrite, minor chalcopyrite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 12

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
		290 - 296 Chert, epidote and quartz, carbonate stringers. Acc. pyrite. Possibly intraformational conglomerate.									
		297 - 299 Porphyritic andesite									
		299 - 304 Epidote, chert & tuff. Bands at 80° to core									
		304 - 316 Fig. andesite									
		316 - 322 Light shear at 25°									
		322 - 326 Fig. andesite									
		326 - 381 Medium to strongly sheared andesite and tuff									
		340 Shear at 54°, 354 at 36°, 370 at 38°	12-66	400.6	401.6	1.1	0.28	0.295	0.29		
		343 - 344 2% pyrite									
		340 - 352 Possibly sheared diorite	12-67	406.3	408.6	2.3	0.025	0.035	0.03		
		352 - 366 Tuff, 0 - 1% magnetite, minor chert	12-68	408.6	410	1.4	0.11	0.095	0.10		
		366 - 381 1-5% magnetite, small breccia zone at 371	12-69	410	411.4	1.4	0.02	0.02	0.02		
			12-70	411.4	412.9	1.5	0.205	0.185	0.195		
			12-71	412.9	414.8	1.9	0.16	0.11	0.135		
381	398	DIORITE:	12-72	414.8	420.8	6.0	0.035	0.025	0.02		
		Fig. mig. - grey, 2 - 5% magnetite, minor silicification	12-73	420.8	425	4.2	0.15	0.14	0.145		
			12-74	425	430	5.	0.12	0.105	0.11		
			12-75	430	435	5.	0.38	0.275	0.28		
398	448	SILICIFIED DIORITE:	12-76	435	440	5.	0.20	0.40	0.30		
		Fig.-mig. - grey - white silicification and heavy pyrite - 2 - 5%	12-77	440	445	5.	0.13	0.11	0.12		
		magnetite to 421, then are magnetite	12-78	445	447.9	2.9	0.23	0.24	0.235		
		390 - 390.5 3% pyrite. Lt. shear at 60°	12-79	447.9	450.8	2.9	0.125	0.08	0.10		
		393 - 394 4% " Lt. " " 41°	12-80	450.8	452.6		Tr.				
		400.5 - 401.6 4% pyrite, Lt. " " 49°									
		406.2 - 408.6 1% pyrite	12-81	469	470		Tr.				
		408.6 - 420.8 3% pyrite									
		420.8 - 448 10% "									
448	454	DIORITE:									
		Dark grey - sheared and gabbroic. Shear at 41°. Some grey feldspar									
		alteration. Acc. magnetite									
		448 - 450.8 Silicified, 2% pyrite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....3.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 12.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
454	503	SILICIFIED DIORITE:	12 -81	465	470		Tr.				
		M.G. Blue-grey. Acc. pyrite, 1-2% magnetite									
		461 - 463 Highly altered gabbroic diorite									
		473 - 477 Sheared and unsilicified - 45° to core	12-82	477.3	480		Nil				
		477 - 485 Very highly silicified. Acc. pyrite, minor pink feldspar	12-83	480	485		Nil				
		485 - 503 Gradual decrease in silicification	12-84	485	490		Tr.				
503	508	DIORITE:	12-85	495.8	496.8		0.005				
		Black, fig., gabbroic, sheared at 35°	12-86	500	503.5		0.01				
508	548	SEDIMENT:									
		508 - 537 Grey conglomerate. Pebbles from about 10% of rock. Mainly 1/2" but up to 6" in diameter. Much pink feldspar alteration, especially of pebbles. Acc. pyrite and magnetite.									
		537 - 548 Highly sheared and foliated grey greywacke. Rare pebble remnant. Foliation at 40°									

B. K.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 13

TOTAL DEPTH 951

WORKING PLACE

SECTION 12

LOGGED BY R. K. Meikle

DATE FINISHED Dec. 6, 1952

CO-ORDINATES COLLAR

LAT. N— 3200 DEP. E— 1500

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 300 - 39½ °

AT 600 - 34 °

AT 885 - 33 °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	30	CASING:									
30	265	VOLCANICS:									
		35 - 90 Generally light grey. Medium shear, recrystallized and speckled with 5% biotite. Accessory magnetite									
		Probably andesite or diorite as some remnants of medium grained texture and porphyritic texture were visible. Lost core 62.5									
		65.5; 66 - 67 - 68 - 70.									
		86.5 - 87.5 Sheared 34, 64° to core; 60, 60°; 93, 60°, 118, 62°									
		90.5 - 142 1% speckled biotite. Some pink feldspar alteration.									
		142 - 151 Pink due to 15% pink feldspar and minor pink carbonate along fine banding. Possibly regrystallized and altered tuff.									
		Bands at 62°									
		151 - 156 Possibly an altered porphyry dike	13-256	162.5	165						
		Light grey to pink. Highly silicified feldspathic material with chloritic streaks at 55°									
		156 - 167 Tuff and agglomerate. Bands at 68°									
		167 - 190 Tuff and andesite fig. dark grey. Rare accessory pyrite									
		175 shear at 64°									
		190 - 195 Porphyritic andesite. Sheared at 68°									
		212 - 252 Recrystallized tuff. 1 - 2% speckled biotite. fig. pink & grey bands. Accessory magnetite and pyrite. 222 Bands at 67°;									
		243 bands at 62°									
		252 - 259 Tuff and agglomerate									
		259 - 265 Altered feldspar porphyry dike. Lt. grey	13-257	259.1	261.4		0.01	0.02	.015		
		Light silicification, 2% pyrite	13-258	261.4	263.5		0.02	0.04	.03		
		264.5 - 265.5 Quartz biotite vein. Minor pyrite									
			13-259	264.5	265.5		0.015	0.07	.045		
265	388	DIORITE:									
		Sheared, fig - mig. Mush could be andesite									
		Numerous quartz, carbonate stringers. 287-322 2-5% magnetite									
		322-361 accessory - 4% magnetite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....2.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 15.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
		361 - 388 Accessory magnetite. Accessory pyrite. Green grey. Biotite developed along shear planes.									
		298.5 - 299 Quartz, carbonate, albite, chlorite stringer, 2% pyrite									
		300 Shear at 65°									
		311 - 313 15% ϕ highly altered large feldspar crystals.									
		315 Shear at 65°, 378 shear at 41°, 350 shear at 64°									
388	587	VOLCANICS:									
		388 - 411 Highly sheared tuff and andesite. Bands at 64° to core. 1 - 2% magnetite. Accessory pyrite.									
		411 - 446 Highly sheared tuff, andesite, porphyritic andesite and possibly diorite. 422 shear at 60°									
		446 - 503 Sheared tuff and agglomerate, some andesite.									
		446 - 459 Lt. silicification. Some pink feldspar alteration. Acc. 1.3% pyrite. 2-5% magnetite. Bands at 65°									
		459 - 503 Acc. 1% magnetite - few quartz carbonate stringers with associated pyrite. 480 Bands at 71°; 493 Bands at 72°									
		503 - 511 Sericitic recrystallized tuff. Speckled with biotite. Some pink feldspar alteration. Bands at 65°									
		511 - 587 Mainly andesite and porphyritic andesite . Much light to moderate silicification, some alteration to grey feldspar Accessory 1% pyrite. Bands at 65°	13-260	523.2	525.2		0.01				
			13-261	531.5	533.5		0.06				
		(523 - 525 Moderate - nigh silicification, 1% pyrite. Some albite, minor carbonate.	13-262	542.4	547.5		0.01				
		531.5 - 532.5. Quartz vein, 1/2% pyrite associated with albite and carbonate at vein contacts.	13-263	557	561.8		Tr.				
		563.5 - 565 Highly silicified, 1% pyrite	13-264	567	573.4		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 13

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
587	625	DIORITE:	13-266	583.1	587		Tr.				
		Sheared, medium grained. 2 - 5% magnetite. Green. Acc. pyrite									
		583 High shear at 50°									
		584 Low shear at 72°									
		Lost Core - 611-612, 617-618, 622-623									
625	685	SEDIMENTS:									
		625 - 629 Dark grey sheared altered greywacke	13-2[illegible]	627.4	633.3		0.045				
		2% magnetite, accessory pyrite. Sheared at 60°									
		629 - 656 3% pebbles in greywacke. Accessory magnetite. Grey feldspar									
		alteration. 627-677.5 3% pyrite									
		656 - 685 Greywacke, some tuff									
		Lost core 643-644, 647-648, 649-650, 656-657, 663-666									
			13-296	680	685.6	5.6	0.005				
685	859	FELDSPAR PORPHYRY:	13-266	685.6	691	5.4	0.02				
		Quartz biotite Monzonite. Quartz 2%, biotite 5%	13-267	691	695.7	4.7	Tr.				
		50% 1/4" Feldspar, crystals, pink to cream,	13-267	695.7	700	4.3	0.03	.035	.03		
		Some show zoning and probably about half are plagioclase,	13-268	700	705.7	5.7	0.085	.045	.06	0.94 0.90 .92	
		half potassium feldspar	13-269	705.7	707.8	2.1	0.935	1.035	.98	1.15 (1.05 .93	
		Generally pink but in places replacement by silica has caused	13-270	707.8	714.5	6.5	0.195	.307	.251	.38 .275 0.31-.15	
		bleaching to light grey and a blurring at grain outlines	13-271	714.5	717.4	2.9	0.02	.035	.03	.12-.20	
		Quartz veinlets generally make up	13-272	717.4	720	2.6	0.31	.04	.175	.04 .04 .33-.18	
		5% of the rock. Accessory 1/2% pyrite	13-273	720	725	5.	0.02	.03	.025	.14 .125 .15	
			13-274	725 730	735 730	5.	0.141	.13	.135	.135 .13 .15	
		690.5 - 695 Biotitized greywacke inclusion	13-275	730	735	5.	0.01	Tr.			
		706 - 708 Stringer of quartz contains three or four	13-276	735	740	5.	0.02				
		1/4" - 1/2" pyrite cubes	13-277	740	745	5.	0.01				
		714.5 - 717.4 Mig. greywacke (possibly altered diorite)	13-278	745	750	5.	0.01				
		Inclusion. Sharp hanging wall contact at 52°	13-279	750	755	5.	0.01				
		Shear at 52°. Acc. pyrite. 716.5 - 717.4	13-280	755	760	5.	0.005				
		Speckled with pyrite - 5% of rock	13-281	760	766.3	5.3	0.005				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 13

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		735 - 736 Grey. One 5" inclusion of greywacke	13-279	766.3	769.7	3.4	0.015				
		735 - 736 Greywacke inclusion	13-280	769.3	775	5.3	0.085	0.15	0.118		.16 .14
		740 - 740.5 Greywacke inclusion	13-281	775	779.5	4.5	0.10	0.06	0.08		.08 .08
		767 - 769.5 Silicified - bleached to grey Acc. pyrite	13-282	776.5	785	5.5	0.075	0.08	0.08		.10 .06
		779.5 - 779.5 Greywacke. Biotite alteration. Hornblende	13-283	785	788.6	3.6	0.04				
		porphyroblasts. 2-5% pyrite in 1/8" cubes. Top contact	13-285	788.6	795.9	7.3	0.01				
		at 32° to core. Bottom at 12°	13-284	795.9	800	4.1	0.025				
		779.5 - 782 Bleached and silicified	13-286	800	805	5.0	.01				
		784 - 788.5 Fractured and bleached. 5% quartz	13-287	805	810	5.	.005				
		stringers. 1/2 - 1% pyrite associated with chlorite and bio-	13-288	810	815	5.	.01				
		tite shreds and along quartz vein margins	13-289	815	820	5.	.005				
			13-290	820	822.5	2.5	.Tr.				
		795 - 806 Brecciated. 10% quartz fracture fillings. 2-3%	13-291	822.5	825	2.5	.02				
		Orange	13-292	825	830	5.	.005				
		823.5 - 824.5 1% pyrite	13-299	830	835	5.	.065	.06	.06		
		824.5 - 835 Inclusion of altered greywacke ?	13-300	835	840	5.	.045	.02	.03		
		Black. Spotted with 20% amphibole porphyroblasts	13-301	840	845	5.	.025	.03	.03		
		2% pyrite	13-302	845	850	5.	.10	.08	.09		
		835 - 850 Minor bleaching. 5 - 10% quartz stringers 1/2% pyrite									
		835.5 - 839.5 Ground core	13-303	850	855	5.	.05	.05	.06		
		849 Rectangle of pyrite 1/2" x 1" x 1/4" at edge of a 1/8"	13-304	855	859.2	4.2	.005	.02	.01		
		white quartz stringer	13-305	859.2	862.5	3.3	.04	.07	.055		
		856 - 859 Bleached and silicified, acc. pyrite	13-306	862.5	863.6	1.1	.055	.085	.070		
			13-307	863.6	870	6.4	.01				
859	921	Sediments:									
		Generally fig. grey-green siltstone. Fairly massive except for	13-308	892.6	898.6		Tr.				
		a few tuffaceous bands									
		(856) 850 - 863.5 Moderately silicified, speckled with 2-3% disseminated pyrite.									
		Some brownish alteration									
		870 Bands at 75°									
		873 - 874 Diorite dike? Sheared at 868 30°	13-316	906	908		Tr.				
		888 - 889 Lost core	13-309	906	910.5		0.45				0.43 0.41
		892 Bands at 71°	13-317	910.5	911.5		Tr.				0.60
		Grey feldspar porphyry dikes at									
		893.5 - 894; 908-907; 909.5 910.5	13-318	911.5	915		0.02 (0.01)				
		936-938; 939.5 - 940	13-310	932.5	940		0.003				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 8

DIAMOND DRILL RECORD

HOLE NUMBER M - 13

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
		Half dozen specks of gold seen in the split half of the core 506 - 507									

B. K. Thomson Ph. D.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY..... MALARTIC TOWNSHIP .....

SHEET NUMBER..... 1 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 14 .....

TOTAL DEPTH..... 753.4 .....

WORKING PLACE.....

SECTION..... 13 .....

LOGGED BY..... S. K. Meikle .....

DATE FINISHED..... December 20, 1952 .....

CO-ORDINATES COLLAR

LAT. N— 5345 DEP. E— 1300

TO COLLAR.....

BEARING.....

ANGLE..... 90° .....

DIP TESTS (TRUE DIPS)

AT 250 ' 86 °

AT 500 ' 86 °

AT 700 ' 82½ °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0.0	37.5	CASING:									
37.5	58	VOLCANICS:									
		Sheared andesite or diorite. Green Remnants of a fig.-mig.	14-37	38.3	46.3		0.005				
		Texture. Medium shear at 38° to core. Acc. pyrite and magnetite									
		38 - 46 1% pyrite associated with quartz carbonate albite stringers.									
58	127	DIORITE:									
		Mig.-Cig. Green, accessory pyrite & magnetite									
		88 1" quartz vein contains a few long grains of chalcopyrite.									
127	302	VOLCANICS:									
		127 - 191 Green, Bands of andesite, coarse porphyritic andesite & diorite									
		191 - 200 Green aphanitic andesite. Acc. 4% magnetite									
		200 - 204.5 Chert, Blue grey, 2 - 5% magnetite, 1/2% pyrite									
		200 - 201 5% pyrite	14-45	200	201		Tr.				
		204.5 - 292 Green-grey. Agglomerate, porphyritic andesite, minor tuff,									
		andesite possibly some diorite , acc. magnetite & pyrite	14-46	227.5	228.5		Tr.				
		Epidote common									
		Highly leached quartz carbonate stringers.									
		Light shear 208, 31°; 267, 30°									
		255 - 268 Very minor amount of red feldspar alteration									
		275 - 286 Silicified. Much epidote, some pink feldspar									
		286 - 292 Moderate shear at 50°									
		292 - 302 Andesite. Green, fig. Acc. magnetite									
302	349	DIORITE or ANDESITE:									
		Fig.-mig. Grey green. 2 - 5% magnetite. Massive	14-47	305	306.7		.01				
		some very light silicification									
		305 - 306.5 Silicified	14-48	335	340		Tr.				
		335 - 345 1/2% pyrite	14-49	340	345		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 14

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
348	358	DIORITE. Mig. Grey-green. 2 - 5% magnetite, minor light silicification									
358	466	SILICIFIED DIORITE:	14-352	357	358.2		.01				
		Light to moderate silicification. Grey, blue-green, 2 - 5% magnetite	14-351	358.2	360		0.065				
		358 - 360 5% pyrite	14-352	360	365		Tr.				
		360 - 393 1% "	14-353	365	370		Tr.				
		393 - 396 5% "	14-354	370	375		0.055				
		396 - 449.8 Acc. - 1/2% pyrite	14-355	375	380		Tr.				
		449.8 - 453 1 - 2% pyrite	14-356	380	385		Tr.				
		452 - 466 Fig. blue grey, lightly silicified	14-357	385	390		0.005				
		diorite. Acc. - 4% magnetite. Irregular chlorite	14-358	390	393.2		0.02				
		biotite wisps suggest low shear at 45° to core	14-359	393.2	396.2	3	0.105	0.10	0.10		
			14-395	435	440		.01				
			14-392	396.2	400		Tr.				
			14-393	410	415		Tr.				
			14-394	415	420		Tr.				
			14-360	449.8	453		0.05				0.04
466	509	SEDIMENTS:	14-386	453	455		0.03				
			14-387	455	457.5		0.005				
			14-388	457.5	460		0.025				
			14-389	460	462.5		0.015				
			14-390	462.5	465.9		0.01 (0.16)				0.135, 0.113
		466 - 472 Light grey, silicified sediments, non magnetic	14-361	465.9	472.4	6.5	0.15	0.132	0.146	.21	.11
		shear at 50° to core	14-391	472.4	475		Tr.				
		472 - 479 Dark green, foliated, sheared greywacke or tuff. Foliation at 49°									
		479 - 503 Mainly grey conglomerate, some greywacke or tuff bands	14-362	496.9	499.2		0.02				0.05
		sheared at 62°	14-363	499.2	501.4		0.02				
		496 - 499 Light silicification, 1/2% pyrite	14-396	505	507		Tr.				
		499 - 501.5 Silicified feldspar porphyry	14-364	507	508.9		0.07				
		accessory pyrite	14-365	505.9	510.8		0.055 (0.053)				
		503 - 509 Iron formation. fig. almost massive	14-366	510.8	515		0.01				
		magnetite	14-367	515	520		0.01				
		507 - 509 2% pyrite. One 4" band 2% of feldspar. Porphyry containing 2% pyrite	14-368	520	525		0.03				
			14-369	525	530		0.01				
			14-370	530	535		0.015				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 14

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT..... '.....°
AT..... '.....°
AT..... '.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
509	777.5	FELDSPAR PORPHYRY:	14-371	535	540		0.015				
		Pink, quartz, biotite, monzonite. Irregular	14-372	540	545		0.025				
		fracturing containing quartz stringers forming 2% of rock	14-373	545	550		0.005				
		Generally 1/2% pyrite in fig.	14-374	550	555		0.01				
		Disseminated cubes	14-375	555	560		Tr.				
		509 - 511 4% pyrite associated with high silicification and small	14-376	560	565		Tr.				
		iron formation inclusions	14-377	565	570		0.005				
		517.5 Small quartz vein contains a few	14-378	570	575		0.005				
		1/4" pyrite cubes	14-379	575	580		.01				
		531 - 531.5 Highly silicified inclusion of sediments	14-380	580	585		.005				
		2% pyrite	14-381	585	590		.02				
		534 - 534.5 1% pyrite	14-382	590	595		Tr.				
		596 - 601 Bleached to grey pink - silicified	14-383	595	600		.005				
		618 - 624 " " " " "	14-384	600	605		.01				
		633 - 645.5 Fig.-mig. Dk. grey greywacke. Much biotite developed -	14-385	605	610		.005				
		acc. pyrite. Low shear at 50°	14-386	610	615		0.025				
			14-387	615	620	5	0.14	0.07	0.105		
		670 - 672.5 Dark grey greywacke. Acc. pyrite, fig. mig.	14-318(9)	620	625		0.025				
		moderate shear at 58°	14-320	625	630		0.02				
		667 - 670 10% quartz fracture fillings - bleached and silicified -	14-321	630	633.1		0.066				
		blurred grain outlines									
		672.5 - 707 as from 667 - 670	14-345	633.1	640		0.05				
		707 - 732 Silicified and bleached - minor quartz	14-322	640	645		0.01				
		732 - 737.5 Fig. massive dark grey greywacke	14-323	645	650		Tr.				
		732 - 733.5 5% pyrite in small disseminated cubes	14-349	650	655		.005				
		733.5 - 737.5 Accessory pyrite	14-324	655	660						
		736/5 - 740 fig. dark grey greywacke, 5% pyrite	14-325	660	665						
		744.5 - 747.7 fig. " " " acc. pyrite	14-326	665	670		0.01				
			14-350	670	672.5		0.05				
		749 - 749.7 fig. Dk. grey greywacke, 5% pyrite	14-327	672.5	675		0.05				
		771 - 777.5 Bleached and silicified, 1/2% pyrite	14-328	675	680		0.01				
777.5	783.4	SEDIMENTS:									
		777.5 - 783.4 Dark grey massive fig.-mig.	14-329	680	685	5.	0.09	.06	.085		
		greywacke 5% disseminated cubes of pyrite	14-330	685	690		0.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 14

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT ..... °

AT ..... °

AT ..... °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20' .....

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DRILL 1"=20' .....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZS GOLD PER TON I	II	AVE	II SAMPLE NO.	RE
			14-331	690	695		0.02				
		783.4 Rods stuck - broke shell - put in wedge	14-332	695	700		0.01				
		Rods stuck - broke shell - abandoned hole	14-333	700	705		0.01				
			14-334	705	710		0.01				
			14-335	710	715		0.01				
			14-401	715	720		0.01				
			14-402	720	725		0.01				
			14-337	725	730	5.	0.03				
			14-338	730	732	2.	0.10	.22	0.16		
			14-403	732	737		0.005				
			14-339	737	740		0.015				
			14-340	740	745		0.06				
			14-404	745	747.3		0.005				
			14-341	747.3	750		0.045				
			14-342	750	755		0.02				
			14-405	755	760		0.005				
			14-406	760	765		0.005				
			14-407	765	770		0.01				
			14-353	770	775		0.02				
			14-343	775	777.8		0.055				
			14-344	777.8	780		0.015				
			14-345	780	783.4		0.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 16

TOTAL DEPTH 1055.8

WORKING PLACE

SECTION 11

LOGGED BY B. E. Meikle

DATE FINISHED Dec. 24, 1952

CO-ORDINATES COLLAR

LAT. N— 5800 DEP. E— 1100

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 ' 40 °

AT 500 ' 37½ °

AT 750 ' 33 °

At 1050 33½

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

DRILL 1"=20'

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
0.0	56	CASING:									
56	215.5	VOLCANICS:									
		56 - 136 Light green speckled with 10% biotite. Andesite, porphyritic andesite, possibly some diorite. Aphanitic to medium grained but mainly fig. Uniform low shear at 65° to core. Accessory pyrite, minor quartz carbonate epidote stringers.									
		136 - 182 Dark green andesite, porphyritic andesite and tuff. Low shear. Acc. pyrite.	15-451	161.7	164.5	0.005					
		146 - 147 Silicified, 1% pyrite									
		156.5- 157 Grey green porphyritic dike. Altered, 10% blurred feldspar crystals. Similar dikes at 163-164; 171.5-172; 173-175.5 178.5 - 182. Bands at 65° at 162									
		182 - 215.5 Tuff and agglomerate, grey-green. Acc. pyrite	15-453	191.6	200		Tr.				
			15-455	200	206.4	0.01					
		192 - 206 Lt. silicification, minor pink feldspar alteration. Acc. 1/2% pyrite			(206.4)						
		196 Bands at 65° to core									
			15-962	240	243.8		Tr.				
215.5	325	DIORITE:	15-454	248.8	250.6	0.05					
		215.5 - 225 Sheared diorite. Green-grey, Acc. 2% magnetite. Acc. pyrite. Remnant mig. Texture	15-455	250.6	253.2		Tr.				
			15-456	253.2	257.3	0.01					
		224 Shear at 64° to core	15-457	257.3	261.4	0.02					
		249 - 252 Lt. silicification, 1/2% pyrite									
		250.5- 253 50% white quartz veins, 6% coarse pyrite, minor tourmaline	15-459	278.8	282.5	0.005					
			15-460	282.5	285.8		Tr.				
		261 Medium shear at 65°									
		297 - 297 Lt. silicification, 1/2% pyrite									
		301 Medium shear at 65°									
		305 - 325 Massive green speckled diorite. Mig.-f.g. Acc. Magnetite and pyrite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....2.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M.-16.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

.....

.....

DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
325	335	VOLCANICS:									
		Dark green finely laminated tuff. Some agglomerate 333 Bands at 85°									
		331 Shear at 45°									
		327 - 329 Diorite dike, acc. pyrite									
		334 - 336 Quartz carbonate albite stringers.1/2% pyrite									
		327 - 378 Lost core									
335	388	DIORITE:									
		Green speckled diorite. Mig.-Gig. non magnetic, acc. pyrite									
		375 - 388 10% 1/4" hornblende crystals									
388	434	VOLCANICS:									
		Grey green. Mainly andesite and porphyritic andesite. Minor tuff									
		and agglomerate									
		393 Light shear at 65°									
		406 - 407 Heavy epidote alterations									
434	466	SILICIFIED DIORITE:	15-460	433.6	440		Nil				
		Blue grey. Medium grained. Moderate silicification	15-461	440	445		Tr.				
		1/2% - 1% pyrite. 2 - 4% magnetite	15-462	445	450		Tr.				
			15-463	450	455		.01				
466	481.5	DIORITE:	15-464	455	460		Nil				
		Sheared. Fig.-mig. green. 1% - 5% magnetite	15-465	460	465		Nil				
		acc. pyrite	15-466	465	467.6		Nil				
481.5	662	SEDIMENTS:	15-467	539.1	545		.005				
		481.5 - 530.5 Mainly Lt. grey silicified conglomerate	15-468	545	548.6		Tr.				
		Accessory pyrite. Minor pink feldspar alteration and	15-969	530	532.6		Tr.				
		some feldspar. Porphyroblasts	15-469	532.6	559		.09	.02		X.035 (.035)	
			15-970	559	562.3		Tr.	.07		.035	
		481.5 - 498.5 Iron formation. 5% magnetite									
		530.5 - 599 Mainly finely banded grey argillite probably tuffaceous	15-470	567.6	572.4		.006				
		in part. Magnetite bands common	15-471	572.4	576.4		.05				
		minor greywacke and conglomerate few small altered diorite	15-971	576.4	578.2		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....3.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 15.....

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		Dikes									
		530.5 - 532 10% magnetite									
		546 - 548 20% "									
		539 - 549 Moderate silicification. 1/2% pyrite									
		558 - 559 " " 1/2% "									
		568 - 572 " " 1% "									
		572 - 576.4 Highly silicified 2% "									
		Lost core 563.5 - 565; 566 - 568									
		581 Bands at 75° to core									
		589 - 626 Iron formation. 25% magnetite. Black drag folding common									
		50% of core lost									
		627 - 629 Dark green, diorite dike									
		630 - 640 Iron formation. Lt. grey. 5 - 10% magnetite/ Highly									
		contorted and drag folded. Some concretions.									
		640 - 658 Iron formation - Black - 20% magnetite									
		625 - 650 20% of core lost									
		658 - 662 Very highly silicified iron formation	15-472	658.4	662.2		.025				
		2 - 5% magnetite - 1 - 2% pyrite	15-473	662.2	668.1		.01				
			15-474	668.1	670.8		.02				
662	815	FELDSPAR PORPHYRY:	15-475	670.8	676.2		.02				
		Generally pink, coarse grained, quartz, biotite monzonite.	15-476	676.2	677.1		.04				.04
		Where silicified the grain outlines become blurred and the	15-477	677.1	678.6		.08				.08
		colour - Lt. grey	15-478	678.6	682		.03				
		662 - 671 Silicified, 2% pyrite - few coarse cubes - mainly very fine	15-479	682	685		.02				
		disseminated cubes and irregular grains	15-480	685	690		.005	.01			
		685 - 689 Highly silicified greywacke. 5% pyrite	15-481	690	695		.005				
		671 - 677 Fig.-Mig. Dark grey greywacke. Low shear at 65°.	15-482	695	700		.02				
		676 - 677 Speckled with 5% pyrite	15-483	700	705		.02				
		677 - 678.5 Very highly silicified porphyry. 1/2% - 1% pyrite	15-484	705	707.7		.005				
		few 1/4" cubes	15-485	707.7	710		.01 - 0.010				
		678.5 - 682 Fig.-mig. Dk. grey greywacke. Low shear	15-486	710	715	5.	Average Assays		.160		
		at 55°	15-487	715	720	5.	"	"	.102		
		682 - 688 Silicified - 1/2% pyrite	15-488	720	725	5.	.065		.05		.05 .05
		688 - 707.5 Minor quartz stringers - few grains of purple fluorite	15-489	725	730	5. Aver. of 2			.155		.045 .205
			15-490	730	735	5.	.06		.025	.03 .06	.15 .15

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 16

TOTAL DEPTH.....
WORKING PLACE.....
SECTION.....
LOGGED BY.....
DATE FINISHED.....

CO-ORDINATES COLLAR
LAT. N—..... DEP. E—.....
TO COLLAR.....
BEARING.....
ANGLE.....

DIP TESTS (TRUE DIPS)
AT.....'.....°
AT.....'.....°
AT.....'.....°

PLOTTED ON PLANS:
GEOLOGICAL 1"=20'.....
.....
.....
DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		707.5 - 710 Mig. Dk. grey greywacke. Acc. 2% pyrite	15-491	738	739	4.	.03				
		710 - 726 Pink-grey. 5 - 10% quartz, fracture fillings	15-492	739	745	6.	.015				
		1 - 2% pyrite. 713 Few 1/8" pyrite crystals in small	15-493	745	750	5.	.02				
		quartz stringers	15-494	750	755	5	.035	0.01	0.02		
		726 - 727 Mig. Dk. grey greywacke, 1% pyrite	15-495	755	760	5	.42	0.483	0.45		.45 .46 .39
		727 - 738 Pink-grey, 1 - 2% pyrite, 5% qtz. fracture fillings	15-496	760	765	5	.165	0.125	0.145		0.13; 0.13
		Light silicification and bleaching	15-497	765	770	5	.01				
		738 - 753 Bleached and silicified - grey - 1/2% - 1% pyrite	15-498	770	775	5	.01				
		5 - 10% quartz stringers	15-499	775	780	5	.01				
		774 Few 1/4" pyrite cubes	15-500	780	785	5	.015				
		753 - 793 Pink-grey. Lt. silicification - 5% quartz stringers	15-951	785	790	5	.01				
		1/2% pyrite	15-952	790	795	5	.015				
		793.5 Few 1/4" pyrite cubes	15-953	795	2x 800	5	.015				
		802 - 804 Numerous fractures, much quartz	15-954	800	805	5	0.06	0.035	0.05		
		813.5 - 815 Recrystallized porphyry with numerous small diorite dikes	15-955	805	810	5	0.02	.015	0.02		
			15-956	810	815	5	0.20	.25	0.175		
815	832	DIORITE:	15-972	815	817.5	2.5	0.01				
		Dark green, mig. Acc. pyrite									
		819 - 820 Mod. shear at 65°	15-973	825	825.5	1.5	0.03				
		825 - 828 " " at 66°. Silicified, 1% pyrite	15-957	825.5	827.9	1.4	0.185	.25	0.20		.22 .25
		Irregular foliation - possibly tuffaceous	15-974	827.9	830	2.1	Tr.				
		828 - 831 Mig.	15-975	830	835	5	.07				
		831 - 836 As from 825 - 828	15-976	835	840.2	5.2	.01				
		840 - 842 " " " "	15-958	840.2	841.9	1.7	0.05				
		841 - 852 Hornblende porphyroblasts	15-977	841.9	843.4	1.5	.03				
			15-956	843.4	850.8	7.4	Tr.				
852	860	PEGMATITE FRAGMENT:	15-959	850.8	852.2	1.4	0.02	.06	0.06		.06 .06
		Pink - grey silicified, 1/2% pyrite	15-960	852.2	857.5	5.3	1.49	1.165	1.80		1.15, 1.18
		Visible gold. Between 852.25 & 852.35 in a cluster of specks	15-961	857.5	860.2	2.7	0.075	.03	0.05		
		of gold about 1/8" in diameter	15-979	860.2	862.5	2.3	0.03				
		The gold is visible to the naked eye and would form about 1/2	15-967	848.5	855	2.5	.05	.06	.055		
		- 1% of this small area	15-955	855	857.9	2.9	.08	.035	.05		
		The gold is in the porphyry immediately adjacent to the	15-978	857.9	870	2.1	0.34		.24		
		diorite contact	15-962	870	875	5	0.03	.01	0.02		
		857 - 859 Barren white quartz vein	15-963	875	880	5	0.03				
			15-964	880	885	5	0.05				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....6.....

DIAMOND DRILL RECORD

HOLE NUMBER.....K - 15.....

TOTAL DEPTH.....

WORKING PLACE.....

SECTION.....

LOGGED BY.....

DATE FINISHED.....

CO-ORDINATES COLLAR

LAT. N—..... DEP. E—.....

TO COLLAR.....

BEARING.....

ANGLE.....

DIP TESTS (TRUE DIPS)

AT.....'.....°

AT.....'.....°

AT.....'.....°

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'.....

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DRILL 1"=20'.....

CORE FOOTAGE FROM	CORE FOOTAGE TO	DESCRIPTION	I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
			15-965	885	890	5	0.06				
860	870	SEDIMENTS:	15-966	890	895	5	0.01				
		Dark grey greywacke. Mig. possibly an altered diorite dike.	15-967	895	900	5	0.005				
		Med. shear at 45°	15-968	900	905	5	0.015				
			15-981	905	910	5	0.675				
870	968.5	FELDSPAR PORPHYRY:	15-982	910	915	5	Average of 7 .354				0.57 .28
		Pink - grey - Lt. silicification - 3% quartz stringers,	15-983	915	920	5	"	.119			
		1/2% pyrite	15-984	920	925	5	"	.134			
		885 - 887 Black altered greywacke. 30% white quartz	15-985	925	930	5	"	.124			.32, .14
		stringers	15-986	930	933.6	3.6	"	.104			
		917 - 917.5 5% pyrite mainly along fractures in porphyry. Some	15-987	933.6	939.4	5.8	.03				
		coarse cubes	15-988	939.4	945	5.6	.01				
		921 - 921.5 5% pyrite - coarse cubes	15-989	945	950	5	.01				
		927 - 929 Highly silicified. Several 1/8" pyrite cubes	15-990	950	955	5	.09				
		953.6- 959.4 Silt-stone inclusion. Aphanitic, grey,	15-991	955	960	5	.02				
		moderate silicified, 1% pyrite	15-992	960	965	5	.02	.035	.03		
		965.5 3 small specks of gold in porphyry adjacent to siltstone	15-993	965	968.5	3.5	.785	.84	.81		.79; .78
			15-994	968.5	970	1.5	Tr.				
			15-995	970	975	5	.005				
968.5	982.5	SEDIMENTS:	15-999	975	980	5	.005				
		Grey siltstone - some pebbles, some greywacke bands.	15-1000	980	982.6	2.6	Tr.				
		Good bedding at 45° to core. Lt. to moderate silicification	15-422	982.6	985	2.4	.01				
		1/2% pyrite	15-423	985	990	5	.045				
			15-424	990	994.6		.005				
982.5	1002.6	FELDSPAR PORPHYRY:	15-425	994.6	997.6		.005				
		Pink-grey, light silicification - 2% quartz stringers	15-426	997.6	1002.6		.005				
		1/2% pyrite	15-427	1002.6	1005		.01				
		994.6 - 997.5 Diorite dike. Fig.-mig. grey. Sharp contacts at 57° 1/2" chg	15-428	1015.4	1017.4		.01				
		small zone at upper contact. First 5" and last 6" contains	15-429	1020.9	1022.6		.01				
		5% pyrite.									
1002.6	1053.5	SEDIMENTS:	15-430	1037.6	1043.7		.01				
		Green-grey siltstone - some pebbles, few greywacke bands	15-431	1043.7	1047.3		.02				
		minor erratic silicification. Acc. 1/2% pyrite. Bedding	15								
		irregular, mainly 45° - 60° to c/a's									