GM 14020

DIAMOND DRILL RECORD

Documents complémentaires

Additional Files

Licence

License

Énergie et Ressources naturelles
Québec

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

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

TOTAL DEPTH..... 334 .....

WORKING PLACE.....

SECTION..... 22.S .....

LOGGED BY..... B. K. Meikle .....

DATE FINISHED..... January 7, 1953 .....

CO-ORDINATES COLLAR

LAT. N--..... 3800 ..... DEP. E--..... 2230 .....

TO COLLAR.....

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

ANGLE..... 45° .....

DIP TESTS (TRUE DIPS)

AT..... 400 ..... 39 ..... °

AT..... 825 ..... 38 ..... °

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	27	CASING:									
27	138	VOLCANICS:									
		27 - 45 Mainly andesite - green - minor epidote. Acc pyrite									
		45 - 138 Volcanics and diorite - green - aphanitic to mig. - some porphyritic andesite									
		97 - 105 Mig.-cig. Green diorite	16-433	135.4	136.7		Tr.				
		126 - 127 Quartz, carbonate, albite stringer. Acc. tourmaline, 1/2% pyrite									
		130 - 131 Cig. diorite, some quartz carbonate, 1/2% pyrite									
		Light shear - 60 - 70°, 134 - 45°									
138	334	DIORITE:	16-434	137.7	140		Tr.				
		Mig.-Cig. Speckled green diorite, acc. pyrite									
		138 - 256 1 - 3% magnetite									
		256 - 334 Rare acc. magnetite	16-435	181	182.3		Tr.				
		136 - 140 Brecciated - Quartz, carbonate, albite stringers and some small veinlets mm of orange feldspar (?). Few large porphyroblasts of specular hematite. 1/2% pyrite, acc. chalcopyrite	16-436	255.7	257		0.005				
		140 - 143 Strong shear at 45°	16-437	310.8	313.5		Tr.				
		145 - 150 Medium shear at 70°									
		181 - 181.5 Quartz, albite, carbonate, and tourmaline, 1/2% pyrite									
		187.5 - 188 " " " " " 1/2% "									
		195 - 199 Lt. shear at 40° - 70°									
		225 - 226 Quartz albite carbonate vein									
		256 - 275 " " " 1/2% px pyrite									
		257 Shear at 40° to core									
		311 - 313 Sheared, numerous quartz, carbonate, albite stringers, 1/2% pyrite									
		328 - 334 Med. strong shear at 50°									

Ministère des Richesses Naturelles, Québec
3 MAR 1954
SERVICE DES GITES MINERAUX
No GM- 14020

B. K. Meikle

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	II	AVE.	II SAMPLE NO.	REM.
5.4	552	VOLCANICS:	16-438	539	542		Nil				
		Green-grey. Mainly fig.-mig. andesite, some porphyritic andesite, minor tuff and sheared diorite									
		339 - 343 50% barren white quartz veins, accessory tourmaline.	16-439	339.1	343.3		Nil				
		355 - 363 High shear - 60° - quartz carbonate albite stringers along shearing. 1/2% - 1% pyrite.									
		407 - 449 Minor narrow bands of silicification and grey feldspar alteration. Contacts at 55°	16-440	453.6	454.6		Tr.				
		449 - 552 Tuff, agglomerate, andesite and porphyritic andesite	16-441	459	459.6		Nil				
		451 - 457 Minor pink feldspar alteration									
		457 Bands at 55° to core.									
		500 Lt. shear at 70°	16-442	504	504.8		Tr.				
		506 - 508 Brecciated zone. Quartz and epidote - 4% pyrite	16-443	528.5	550		Tr.				
		529 - 530 Lt. silicification. 1% pyrite									
		550 Lt. shear at 70°									
552	584	SEDIMENTS:									
		Sediments intruded by numerous diorite dikes. Metamorphism has obscured contacts.									
		552 - 557.5 Lt. grey siltstone, some greywacke, few pebbles.	16-444	581	584.3		Tr.				
		557.5- 559.5 Iron formation - 5% magnetite									
		559.5- 559.7 Diorite - grey - mig.									
		559.7- 561.3 Grey siltstone.									
		561.3- 564.8 Mig. grey diorite.									
		564.8- 567 Silicified green siltstone - few pebbles - minor feldspar alteration - 1/2% pyrite.									
		567 - 577 Mig. grey diorite									
		577 - 578 Silicified siltstone - minor pink feldspar									
		578 - 581 Mig. grey diorite									
		581 - 584 Silicified grey siltstone. Few pebbles, minor pink feldspar 2% pyrite									

B. K. Inwin

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY ....

SHEET NUMBER 5

DIAMOND DRILL RECORD

HOLE NUMBER M - 16

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	II	AVE	II SAMPLE NO.	REM.
584	595	DIORITE:	16-445	584.3	590		Tr.				
		Fig.-mig. - grey - 1/2% pyrite. Minor lt. Silicification	16-446	590	595.9		0.005				
		2 - 5% magnetite	16-447	595.9	600.2		0.02				
			16-448	600.2	602.8		Tr.				
595	600.2	SILICIFIED DIORITE:	16-449	602.8	607.1		0.005				
		Blue grey - highly silicified - 4% pyrite, sec. 1% magnetite	16-450	607.1	608.3		0.005				
600.2	657	SEDIMENTS:									
		600.2 - 609 Highly silicified grey siltstone and conglomerate. 1/2% pyrite. - some pink feldspar alteration. Bands at 75° to core									
		609 - 617 Dk. grey siltstone. Bands at 75°.									
		617 - 633 Few pebbles, some pink feldspar alteration in dk. grey siltstone. Minor silicification.									
		633 - 645 Dk. grey siltstone. Numerous small erratic stringers of quartz, carbonate, albite. Minor pyrite									
		645 - 652 Med. grey siltstone, few pebbles									
		652 - 657 Grey pink siltstone. Some pink feldspar alteration.									
657	672.5	SILICIFIED DIORITE:									
		Light silicification. Fig.-mig. blue-grey, sec. pyrite	16-751	667	669.2		Tr.				
		667 - 669 1/2% pyrite									
672.5	697	SEDIMENTS:									
		Dark grey siltstone. 1% magnetite	16-752	693.4	697.4		0.005				
		693 - 697 Mod. shear at 60 - 65°. Light silicification, 1/2% pyrite.									
697	743	DIORITE:	16-753	721.8	723.7		Tr.				
		697 - 743 Fig.-mig., green-grey. Sec. pyrite, 3% magnetite									
		722 - 724 1/2% pyrite									

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	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
		743 Lt. shear at 70°	16-754	743	744.2		Tr.				
743	751.2	SILICIFIED DIORITE:	16-755	744.2	746.3		.005				
		Blue grey, sheared, Lt. silicification, 2 - 4% magnetite	16-756	746.3	748.9		Tr.				
		744.2- 746.3 Moderate silicification. 3% pyrite	16-757	748.9	751.3		Tr.				
		748 - 751.2 Mig.-Gig. Blue grey, lt. silicification.									
751.2	834	SEDIMENTS:	16-758	821.5	822.1		Tr.				
		751.2- 798 Grey conglomerate - some greywacke bands. Bedding at 75°									
		770 - 775 Lt. grey - pink conglomerate.									
		798 - 819 Iron formation. Fe^m 5%. Bands at 75° to core. Mostly grey siltstone.									
		819 - 834 Finely bedded siltstone. Dark grey. Bedding at 75° to core.									
		821.5- 822.1 15% marcasite.									

93. N. Meath

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 17.....

TOTAL DEPTH.....1050.....

WORKING PLACE.....

SECTION.....10.....

LOGGED BY.....B.K.Keinle.....

DATE FINISHED.January 13th.1963

CO-ORDINATES COLLAR

LAT. N—...3600..... DEP. E—...1000

TO COLLAR.....

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

ANGLE.....45°.....

DIP TESTS (TRUE DIPS)

AT.250.....36.....°

AT.550.....34.....°

AT.750.....38.....°

At 1050 30 °

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	187	CASING									
187	200	VOLCANICS:									
		Dk. green-grey - andesite, porphyritic andesite, tuff and agglomerate. Acc. pyrite.									
		188 - Lt. shear at 60°									
		Few narrow bands of silicification and grey feldspar porphyroblasts - possibly altered feldspar porphyry dikes.									
		188 - 200 Mainly tuff, some andesite, few diorite dikes.									
		194 - 196 1/2 of core lost									
200	265	SILICIFIED DIORITE:									
		Mig.-Gig. - blue-grey, 2 - 5% magnetite	17-701	237.9	241.1		0.005				
		Silicification mainly very light and diorite is slightly green	17-702	241.1	245.5		0.02				
		coloured in places.	17-703	245.7 ?	245.7		0.05				
		238 - 241 1% pyrite	17-704	245.7	250		0.005				
		241 - 243.9 Highly silicified 3% pyrite	17-705	250	255		Nil				
		243.5- 246 Barren quartz vein	17-706	255	261.4		0.005				
		246 - 250 Lt.-med. silicification, 1% pyrite									
		250 - 265 Lt. silicification, 1/2% pyrite	17-707	268.6	272.4		Nil				
265	321	DIORITE:	17-708	284.9	287.6		0.01				
		Mig.-Gig. - Speckled green - 2-4% magnetite	17-709	287.6	291.2		Tr.				
		269 - 273 Minor silicification, 1/3% pyrite									
		283 - 291 Lt. shear at 75° Minor local silicification, 1/2% pyrite									
		316 - 321 Highly sheared at 75 - 80°									
321	328	VOLCANICS:									
		Andesite, porphyritic andesite, very minor tuff and agglomerate									
		Green, acc magnetite. Medium shear at 70° 80°									

B.K. Keinle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....HALAMTIC TOWNSHIP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M * 17.....

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.....'.....o

AT.....'.....o

AT.....'.....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.
338	374	DIORITE:									
		Mig. Green speckled - Acc. magnetite and pyrite									
374	412	VOLCANICS:									
		Andesite, porphyritic andesite, Tuff and agglomerate,									
		403 Bands at 60° to core									
412	470	DIORITE:									
		412 - 417 Mig. grey diorite. Lt. silicification. 1% pyrite,	17-710	411.6	417.3		Tr.				
		2 - 5% magnetite.									
		417 - 470 Fig.-mig. diorite dark green - grey. 3 - 10% magnetite	17-711	450.7	454.7		0.003				
		451 - 455 1% pyrite	17-712	460	465		0.003				
		460 - 469 Lt. silicification, 1/2% pyrite	17-713	465	469.3		Tr.				
		468 Lt. shear at 75°									
470	619	SEDIMENTS:									
		470 - 472 Fig. dk. grey siltstone - 5% magnetite	17-714	485.7	490		Tr.				
		could be chill zone of the diorite	17-715	490	495		Tr.				
		472 - 484 Lt. grey-pink conglomerate. Silicified and some pink feldspar	17-716	495	500		Nil				
		alteration.									
		484 - 487 Grey conglomerate - 1% magnetite	17-717	502.3	506.8		Nil				
		476 - 512 Iron formation - Fe - 5%									
		Interbanded with conglomerate showing some pink feldspar	17-718	510	511.1		0.02				
		alteration. Bedding at 75°. Numerous small erratic quartz, [illegible]									
		carbonate albite stringers - 1% pyrite									
		510 - 511 Highly silicified, 2% pyrite									
		511 - 512 20% Fe.									
		512 - 516 Dark grey siltstone									
		516 - 524 Grey conglomerate, some silicification, some pink feldspar									
		alteration									
		524 - 530 Fig. massive grey-green diorite									
		530 - 536 Grey siltstone. Bands at 75°									

B.K.

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 17

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.
		535 - 536 25% Fe.									
		536 - 539.5 Diorite dike sheared at 65°									
		539.5- 540 Highly silicified siltstone. 15% pyrite	17-744	539.5	539.5		Tr.				
		some very coarse cubes	17-719	539.5	542	2.5	.26	.25	0.255		.26 .25 .26 .25
		540 - 541 Fig. green diorite	17-745	542	545		.005				
		541 - 541.5 White quartz vein									
		541.5- 542 Highly silicified grey siltstone. 15% pyrite									
		542 - 543 30% Fe.									
		543 - 546.5 Grey siltstone. Finely banded at 70°									
		546.5- 548 Silicified grey conglomerate.									
		548 - 551.5 Diorite - grey, mig.									
		551.5- 567 Iron formation. Fe - 10 - 15%. bands at 61° to core.									
		Lost core 555 - 565									
		567 - 619 Interbedded grey & black siltstone - drag folded. Minor	17-720	575.1	580		Tr.				
		narrow erratic bands of silicification with associated	17-721	580	585		Tr.				
		pyrite									
		614 - 615 Silicified pink feldspar porphyry dike	17-722	613.4	615		Tr.				
		617 - 618 Barren Quartz.									
		618 - 619 Lost core - driller notes a 6" drop	17-723	618.7	620		Tr.				
			17-724	620	625		Tr.				
619	641.5	FELDSPAR PORPHYRY:	17-725	625	630		0.005				
		Pink-grey Quartz Biotite Ammonite porphyry	17-726	630	635		0.005				
		619 - 639 Very highly silicified in part, massive, white and	17-727	638	640		Tr.				
		aphanitic. Acc. 1/2% pyrite	17-728	640	641.4		Tr.				
		639 - 640 5% quartz stringers generally at 40 - 45° to core, 1/2%	17-729	641.4	645		0.005				
		pyrite									
		640 - 641.5 Highly silicified									
641.5	650	SEDIMENTS:									
		Lt. grey siltstone, silicified and drag folded	17-730	645	650		Tr.				
		641.5- 643 1/2% pyrite									
		643 - 650 Gabbro dike. Mig. Black									

B. K. Mackie

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY

DIAMOND DRILL RECORD

SHEET NUMBER 4

HOLE NUMBER M - 17

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.
660	672	DIORITE:									
		Probably gabbroic in composition. Dk. grey. Mig.	17-731	670	672.3		Tr.				
		670 - 670.5 Silicified feldspar stringer									
672	882	FELDSPAR PORPHYRY:									
		Generally 5% quartz stringers in two sets of fractures at	17-732	672.3	675		0.04				
		right angles to each other and both at 45° to core at 720'	17-733	675	680		Tr.				
		1/2% pyrite	17-734	680	685		0.005				
		672 - 674 Highly silicified. Lt. grey. 1 large crystal of pyrite	17-735	685	690		0.02				
			17-736	690	695		0.005				
		703.9 - 704.5 Lost core	17-737	695	698.1		Tr.				
		706.5 - 711 Dk. grey greywacke. 1/2% pyrite	17-738	698.1	702		.01				
		Low shear at 60°	17-739	702	706.6		.04				
		754 - Minor fluorite associated with quartz stringer	17-740	706.6	711.6		.03				
		755 - 756 Mig. grey-green feldspar with sericite and sericite and talc	17-741	711.6	715		.01				
		772 - 773 Lost core	17-742	715	720		.04				
		795 - 799 50% white quartz with 5% tourmaline, albite and minor	17-743	720	725		Tr.				
		carbonate. Quartz replaces feldspar porphyry.	17-745	725	730		.005				
		796 - 797 Lost core	17-747	730	735		.005				
		799 - 812 Dark grey altered greywacke. Med. shear at 80°, Acc. pyrite	17-742	735	740		.02				
		Speckled with white - possibly bleached quartz garnets	17-749	740	745		.01				
		800 - 800.5 Grey quartz - much albite - minor carbonate	17-758	745	750		.01				
			17-759	750	755%		.06				
		804 - 806 Feldspar porphyry intrudes	17-760	755	760		.04				
		807 - 808 Feldspar porphyry	17-761	760	765		.02				
		812 - 882 Numerous small inclusions	17-762	765	770		.02				
		844 - 846 Highly altered sediments	17-763	770	775		.01				
		844 - 844.5 Quartz vein	17-764	775	780		.08	.08	.08		
		858 - 859 Barren white quartz vein	17-765	780	785		.28	.41	.48		3rd. reject .75
		863 - 864 Gabbroic dike	17-766	785	790		.02				
		866 - 867 White and glassy quartz vein	17-767	790	795.4		.04				
			17-768	795.4	799.2		.02				
882	893	DIORITE:	17-769	799.2	804.4		Tr.				
		Gabbroic in composition. Black, mig. 1/2% pyrite	17-770	804.4	808.5		.005				

B. K. [signature]

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER.....5.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 17.....

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.
			17-771	808.5	813.4		.005				
693	961.6	FELDSPAR PORPHYRY:	17-772	813.4	815		.01				
		906.7 – 908.6 Greywacke, Black	17-773	815	820		.005				
		910.4 – 916.1 Greywacke. "	17-774	820	825		.02				
		916.1 5 Specks of gold seen in the porphyry 1/4" from the con-	17-775	825	830		.03				
		tact	17-776	830	835		.03				
		957 – 961.6 10% quartz stringers	17-777	835	840		.04				
			17-778	840	845		.05				
961.6	1038	SEDIMENTS:	17-779	845	850		.06	.08	.07		
		Grey siltstone - erratic Lt. silicification and	17-780	850	855		.815	.08	.85		
		associated pyrite	17-781	855	860		.02				
		973 – 990 Lt. silicification, 1/2% pyrite	17-787	860	865		.045	.05	.05		
		Feldspar porphyry dikes at 977.3 - 980.3;	17-783	865	870		.08	.17	.12	3rd. re-ject	.11
		983.1 – 983.3; 984.4 – 985; 985.8 – 986.1; 987.7 – 989;	17-784	870	875		.02				
		995.5 – 996.3; 997.2 – 997.6; 1001.3 – 1002.4	17-785	875	881.6		.05	.045	.05		
		1037.6 – 1038.7	17-786	881.6	885		.005				
		Bedding at 72° at 1057	17-787	885	890		Tr.				
			17-788	890	892.8		Tr.				
			17-789	892.8	895		.005				
			17-790	895	900		.005				
			17-791	900	905.7		.02	.02			
			17-792	905.7	910.4		.02				
			17-793	910.4	916		.01				
			17-794	916	920	4	1.50	1.44	1.47		
			17-795	920	925		.02				
			17-796	925	930		.01				
			17-797	930	935		.04	.04			
			17-798	935	940		.15	.04	.07	3rd re-ject	.02
			17-799	940	945		.02				
			17-800	945	950		.025				
			17-801	950	955		.045	.06	.06		
			17-802	955	961.6		.125	.115	.12		
			17-803	961.6	965		.048	.04	.04		
			17-804	965	970		Tr.				
			17-805	973	979.3		.02				

B. K. Mackenzie

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 6

DIAMOND DRILL RECORD

HOLE NUMBER M - 17

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.
			17-806	977.3	980.4		.01				
			17-807	980.4	985		Tr.				
			17-808	985	990		Tr.				
			17-809	990	995		.01				
			17-810	995	1000		Tr.				
			17-811	1000	1005		Tr.				
			17-812	1024.1	1025.4		Tr.				
			17-813	1029.1	1035		.01				
			17-814	1035	1040		.01				
			17-815	1047.8	1053.6		Tr.				

D. V. Wardle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 18

TOTAL DEPTH 748

WORKING PLACE

SECTION 11

LOGGED BY B. K. Meikle

DATE FINISHED January 18, 1965

CO-ORDINATES COLLAR

LAT. N— 3500 DEP. E— 1100

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 ' 43 °

AT 500 ' 38 °

AT 740 ' 39 °

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	75	CASING									
75	81	DIORITE:									
		Mig. Green									
81	136	VOLCANICS:									
		81 - 103 Andesite Green. Low shear at 60°									
		103 - 136 Tuff. andesite, porphyritic andesite, low shear at 57°									
136	152	DIORITE: Fig.-mig. diorite possibly andesite, green									
152	192	VOLCANICS: Andesite, porphyritic andesite, agglomerate									
192	242	SILICIFIED DIORITE:									
		Light silicification. Lt. grey. 3 - 5% magnetite. Acc. pyrite									
		197 - 199 Epidote									
242	246	VOLCANICS:									
		Andesite and porphyritic andesite, green . Lt. shear at 62°									
246	277	DIORITE:									
		m.g. Speckled green. Acc. magnetite and pyrite									
277	289	VOLCANICS:									
		Porphyritic andesite, tuff and agglomerate									
289	351	SEDIMENTS:									
		289 - 309 Grey grit, some conglomerate Bands at 299 at 60°									
		309 - 331 M.g. C.g. Feldspar crystals in an aphanitic black groundmass. Altered grit, porphyritic andesite or diorite									
		331 - 337 Grey - pink grit, few pebbles.									
		337 - 344.5 Highly altered and recrystallized iron formation. Sed. shear at 71°									
		344.5 - 351.2 Very highly silicified sediments 1% pyrite.									
			18-816	344.5	350	.01					
351	394.5	FELDSPAR PORPHYRY:	18-817	350	355	.02					
		Salmon pink - grey, C.G. quartz biotite monzonite porphyry	18-818	355	360	.005					
		1/2% pyrite, a few qtz stringers	18-819	360	365	.005					
		351.2 - 357 Very highly silicified and altered - Lt. grey 1/2% pyrite	18-820	365	370	.005					
			18-821	370	375	.01					

B. K. Meikle

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	II	AVE	II SAMPLE NO.	REM.
		389 - 444 Mainly pink - 1 - 2% quartz stringers	18-832	375	380		.008				
		Few fragments of sediments	18-833	380	385		.01				
		414 Minor purple fluorite	18-834	385	390		.01				
		442 - 474 Grey-pink 2% quartz stringers	18-835	390	395		.01				
		469 Few large pyrite cubes in glassy quartz	18-836	395	400		.005				
		stringer, nearly parallel to core	18-837	400	405		.005				
		474 - 528 Mainly pink. 1% quartz stringers, Acc. 1/2% pyrite	18-838	405	410		.01				
		497 - 499 Shear at 55° - pink fin feldspar and Black amphibole	18-839	410	415		.01				
			18-840	415	420		.005				
		519 Shear at 65° to core. Quartz, albite, magnetite and	18-841	420	425		.005				
		pyrite	18-842	425	430		.01				
		528 - 554.2 Pink - grey, 1% quartz stringers	18-843	430	435		.005				
		1/2% pyrite. 552 Few large pyrite crystals	18-844	435	440		.01				
			18-845	440	445		.005				
554.2	602	SEDIMENTS:	18-846	445	450		.01				
		Lt. grey-grey siltstone. F.G. minor erratic silicification	18-847	450	455		.02				
		560.4 - 560.7 Feldspar porphyry dike	18-848	455	460		.005				
		582 - 623 " " "	18-849	460	465		.005				
		Bedding 62° - 70°	18-850	465	470		.01				
		598 - 602.2 High silicified	18-851	470	475		.02				
		601.7 - 602 Brownish colour - 3% pyrite	18-852	475	480		.06	.08	.07		
			18-853	480	485		.12	.12	.12		
602	647	FELDSPAR PORPHYRY:	18-854	485	490		.11	.115	.11		
		602 - 606 Very highly silicified	18-855	490	495		.06	.04	.05		
		606 - 638 Pink-grey. 1/2% pyrite. 1 - 2%	18-856	495	500		.01				
		quartz stringers	18-857	500	505		Tr.				
		637 - 640 Brick red colour	18-858	505	510		.005				
		646 - 647 Grey colour near contact	18-859	510	515		Tr.				
			18-860	515	520		.01				
			18-861	520	525		.005				
647	745	SEDIMENTS:	18-862	525	530		.005				
		Grey siltstone and greywacke	18-863	530	535	5	.22	.14	.18		
		654.6 - 665 10% pyrite	18-864	535	540		.02				
		668.0 - 668.3 Porphyry Dike	18-865	540	545		.02				
		672.6 - 672.9 " "	18-866	545	550		.005				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 10

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.
		677.5 - 677.6 Porphyry Dike	18-857	550	554.3		.02				
		708.7 - 709.1 " "	18-858	554.3	558.6		Tr.				
		712 - 720.5 " " Minor leaching - Bedding at 660° at 58°, 730° at 66°									
			18-860	560.2	562.4		.005				
			18-859	598.2	600		.02				
			18-861	600	602.2		.05				
			18-862	602.2	605		.01				
			18-863	605	610		.01				
			18-864	610	615		.01				
			18-865	615	620		.02				
			18-866	620	625	5.	.06	.06	0.06		
			18-867	625	630	5.	.24	.21	.223		
			18-868	630	635	5.	.11	.11	.11		
			18-869	635	640	5.	.06	.055	.06		
			18-870	640	645		.04				
			18-871	645	647.2		.05				
			18-872	647.2	648.2		.005				
			18-873	654.6	658.6		Tr.				
			18-874	658.6	660		.005				
			18-875	660	661.6		Tr.				
			18-876	675.5	677.9		Tr.				
			18-877	695.7	697.3		Tr.				
			18-878	708.5	712		Tr.				
			18-879	712	716.5		Tr.				
			18-880	716.5	720.7		Tr.				

M. F. Hendrick

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 19

TOTAL DEPTH 1041

WORKING PLACE

SECTION 9

LOGGED BY B. K. Meikle

DATE FINISHED February 1, 1963

CO-ORDINATES COLLAR

LAT. N— 3300 DEP. E— 900

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 220 ' 42 °

AT 500 ' 41 °

AT 750 ' 38 °

1040 ' 37½ °

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	133	CASING:									
133	188	VOLCANICS:									
		Porphyritic andesite and andesite. Green, irregular									
		quartz carbonate stringers. Minor epidote, acc. pyrite									
		161 - 173 Lt. shear at 69°									
		157 - 140 Lost core									
			19-887	215	216.5		Tr.				
188	278	DIORITE:	19-888	216.5	222.1		0.05				
		M.g. green. 1 - 3% magnetite	19-889	222.1	225		.01				
		Lost core 169-170; 173-174; 202, 203; 206,207									
		217 - 223 Quartz veins and silicification. Minor tourmaline	19-890	223.3	242.5		.01				
		1/2% pyrite									
		237 - 238 Lt. shear at 58°	19-893	275	278		.01				
		258 - 262 Lt. silicification, 1/2% pyrite	19-894	278	281		.03				
		275 - 276 Lt. silicification, 1/2% "	19-895	281	285		.01				
278	329	VOLCANICS:	19-896	300	304.2		Tr.				
		Highly altered tuff and agglomerate. Some andesite	19-897	304.2	306.1		.04				
		and diorite. Medium to high shear at 70°. Much quartz,	19-898	306.1	310		Tr.				
		carbonate, albite stringers. Strong foliation	19-899	310	314.6		Tr.				
		279 - 281 Highly silicified. Acc. 3/2% pyrite	19-900	314.6	317.7		.04				
		289 - 292 1/2% pyrite	19-903	317.2	320		.04				
			19-907	320	325		.01				
329	352	DIORITE:	19-908	325	330		Tr.				
		Altered m.g. green diorite. Few inclusions of volcanics	19-909	413.5	415.7		Tr.				
			19-910	415.7	417		Tr.				
352	388	VOLCANICS:	19-911	417	419.5		Tr.				
		Tuff and agglomerate green-grey interbedded with grey									
		siltstone, greywacke, grit & conglomerate	19-912	420.5	453.1		.005				
		few small diorite dikes. Beds at 65° to core	19-913	510	510.9		Tr.				
			19-914	510.9	511.9		.16				
			19-915	511.9	513.5		Nil				

B. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: MALARTIC TOWNSHIP

SHEET NUMBER: 2

DIAMOND DRILL RECORD

HOLE NUMBER: M - 19

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.
398	459	DIORITE:									
		Green-grey. 1-5% magnetite									
		409 - 419 Lt. silicification - blue grey. 1/2% pyrite									
		416 - 417 Highly silicified - 5% pyrite									
		419 - 449 F.g. grey-green. Lt. shear									
		449 - 459 Dk. grey. Med. shear at 62°									
		450 - 453 Silicified - 2% pyrite									
459	477	SEDIMENTS:									
		Lt. dk.-grey. Conglomerate, siltstone and greywacke.									
		Minor magnetite bands. Few diorite dikes. Bedding at 55°									
		Lost core 473 - 474.									
477	505	DIORITE:									
		M.g. C.g. Dk. grey. Contains much carbonate and is badly									
		leached. 2% magnetite. In part resembles altered coarse									
		sediments. Lost core 477-478; 480-481; 487-488; 492-493;									
		496-497.									
505	590	SEDIMENTS:	19-901	573.7	575		.01				
		Mainly grey siltstone. Very finely laminated in places									
		507 Bands at 63° (507)									
		511 - 512 1% pyrite associated with minor silicification. 527 bands									
		at 70°; 592 bands at 67°; 585 foliation at 57°.									
		Lost core 507-508; 509-510; 517-518.									
590	630.6	DIORITE:									
		F.g. M.g. Grey-green. Acc. magnetite & pyrite									
630.6	710	SEDIMENTS:									
		Dk. grey - grey siltstone	19-902	631	634.6		.005				
		631 - 632 Red felspar alteration, 1% pyrite									
		632 - 634 1/2% pyrite associated with quartz carbonate	19-903	640	643		.03				
		641 - 643 " " " " " "									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 19

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.
		643 - 648 Diorite dike	19-906	650	655		Tr.				
		650 - 715 Lt. grey black argillaceous siltstone. 1.2% pyrite	19-907	660	665		Tr.				
		703 - 715 Minute quartz and porphyry dikes in cracks.									
		1% pyrite	19-908	670	675		Tr.				
715	724	FELDSPAR PORPHYRY:	19-909	680	685		Tr.				
		Lt. grey, highly silicified, 1/2% pyrite									
			19-910	705.5	715		.01				
724	743	SEDIMENTS:	19-911	715	720		.005				
		Grey siltstone	19-912	720	723.7		.005				
		732 - 737 Silicified. Contains 2 small porphyry dikes. 2-3%	19-913	725.7	727		.005				
		pyrite. Mod. shear at 65°	19-914	727	730	3	.16	.18	.17		
			19-915	730	735	5	.18	.16	.18		
743	782.5	DIORITE:	19-916	735	737.9	2.9	.10	.10	.10		3 rejects
		M.g. gabbroic. Dk. grey. Mod. shear at 65°	19-917	737.9	742.9	5	.08	.16	.12		.31
		757 - 758 Feldspar porphyry dike	19-918	742.9	745		.005				
		771 - 775 Feldspar porphyry dike. Lt. grey silicified. 1/2% py-	19-919	747.3	750.3		.005				
		rite									
			19-919	771.5	775.5		.01				
782.5	857	FELDSPAR PORPHYRY:	19-920	780	782.5		.005				
		Quartz, biotite, monzonite porphyry. Pink-grey	19-921	782.5	785		.03				
		& quartz stringers. Variable silicification	19-922	785	790		.02				
		1/2% pyrite	19-923	790	795		.01				
		782.5- 795 Fractured	19-924	795	800		.005				
		800 - 807 very highly silicified	19-925	800	805	5	.06	.14	.097		3 rejects .56
		2% fine coarse pyrite cubes associated with quartz	19-926	805	810	5	.05	.04	.045		
		stringers	19-927	810	815	5	.06	.088	.07		
		844.5- 844.5 10% pyrite in course cubes associated with quartz	19-928	815	820	5	.06	.05	.055		
		stringers	19-929	820	825		.03				
		845 - 850 Fine specks of gold visible in quartz tourmaline	19-930	825	830	5	.30	.34	.35		
		stringers & near coarse pyrite cubes	19-931	830	835	5	.28	.75	.47		Avl. .26 Ash. .58
		854 Few coarse pyrite cubes	19-932	835	840		.02				
		855 - 857 10% disseminated pyrite	19-933	840	845	5	.10	.10	.10		
			19-934	845	850	5	.04	.08	.06		

B. K. Jacobs

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 19

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.
			19-534	850	855	5	.15	.40	.26		
857	949.5	SEDIMENTS:	19-535	855	857.2	2.2	.16	.18	.17		
		857 - 871 Magnetite Iron formation. Black - Fe = 15-20%	19-536	857.2	860		.005				
		2% pyrite - Minor quartz stringers.	19-537	860	865		.005				
		871 - 873 Feldspar Porphyry dike. Bottom contact at 10°	19-538	865	870.9		.005				
		873 - 874 2% pyrite	19-539	870.9	875		.005				
		876 - 949.5 Magnetite Iron formation - Black irregular bedding due	19-559	875	876.5		Tr.				
		to drag folding. Acc. 1% pyrite	19-561	876.5	880		Tr.				
		876 - 878 Fe. = 20%									
		878 - 886 Fe = 3% Mainly grey greywacke	19-562	891.5	895		Tr.				
		888 - 926 Fe. = 20 - 25%									
		894.4- 894.8 Feldspar porphyry dike. Dense pyrite for 1/4" at contacts	19-563	898.7	898.8		Tr.				
		926 - 936 Fe. = 5 - 10%	19-564	930.3	932		Tr.				
		926 - 927 Quartz veinlets & 15% pyrite									
		936 - 949.8 Fe.= 2%. Mainly dk. grey greywacke	19-565	914.5	917.3		Tr.				
		945 - 946.2 Feldspar porphyry dike at 25°	19-566	925.1	927		Tr.	.01			
		947.2- 947.9 Feldspar porphyry dike at 44°									
			19-567	940	942.6		Tr.				
949.5	952.5	FELDSPAR PORPHYRY:									
		Pink-grey. Lt. silicification. 1/2% - 1% pyrite	19-568	945	942.4		Tr.				
		Upper contact at 35°. Lower at 21°	19-560	949.4	953		.005				
			19-561	955	958.3		.005				
958.5	1041	SEDIMENTS: Grey - dk. grey greywacke									
		964.5-967.5 Feldspar porphyry dike. Lt. grey-pink. Highly silici-	19-562	967.5			Tr.				
		fied - 1/2% pyrite. Few coarse cubes.									
		Upper contact at 10°. Lower at 20°	19-563	978.1	980		Tr.				
		983 - 985 Lt. silicification	19-571	990	991.5		Tr.				
		990 - 995 Lt. " . Bedding at 70°	19-564	991.5	995		Tr.				
		995 - 996 Heavy silicification & some grey feldspar. 1% pyrite	19-565	995	996.4		.03				
		1003 - 1007 Lt. silicification 1/2% pyrite	19-566	1006.2	1007.3		.02				
		1007 - 1017 Med. high silicification. Much sericite and carbonate	19-567	1007.3	1010	2.7	.16	.24	.20		
		2 - 5% pyrite. Pale green - yellow	19-568	1010	1015	5	.07	.03	.053		
		1017 - 1022 Lt. silicification 1/2% pyrite. Beds at 75°	19-569	1015	1017		.01				
		1035 Beds at 60°	19-570	1017	1022		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY ATLANTIC EXTENSION

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 49

TOTAL DEPTH 799

WORKING PLACE

SECTION 10

LOGGED BY D. E. Heikie

DATE FINISHED February 5/63

CO-ORDINATES COLLAR

LAT. N— 3580 DEP. E— 1000

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 - 40 °

AT 650 - 25½ °

AT 775 - 24 °

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	51	CASING:									
51	75	DIORITE:									
		Highly sheared and altered - grey-green, m.g. c.c. texture remnants. Acc. pyrite. High shear at 60°									
75	150	VOLCANICS:									
		Highly sheared and altered. Tuff and agglomerate sericite, quartz, albite and carbonate developed. Finely laminated. 90' - 65°; 130' - 70°; 145' - 65°;									
		135 - 137 1/2% pyrite	20-940	135	137.1		Tr.				
150	207	VOLCANICS:									
		Lt. grey-green. Andesite, some porphyritic andesite, minor tuff, acc. pyrite									
		202 Lt. shear at 65°.									
207	237	DIORITE:									
		M.G., grey, lt. silicification - acc. pyrite	20-941	235	237.4		.01				
		1 - 4% magnetite. 225 - 237 1/2% pyrite	20-942	237.4	240		.02				
			20-943	240	245		Tr.				
237	334	SEDIMENTS:	20-944	245	250		.02				
		237 - 317 grey siltstone									
		237 Beds at 75°	20-945	257.5	263.9		.01				
		238 - 247 sheared diorite - green - 1 - 3% magnetite									
		247 - 251 bedding at 67°. 1 - 2% magnetite	20-946	272.2	275.5		.01				
		251 - 254 grey feldspar alteration									
		254 - 267 bedding at 70°. minor silicification and grey feldspar alteration 1/2% pyrite	20-947	295	300		.01				
			20-948	305	310		0.003				
			20-949	310	313.4		Tr.				
		267 - 272 pink feldspar alteration - few pebbles	20-948	313.4	317.6	4.2	.11	.18		.16	
			20-950	317.6	320		.03	0.05		0.45	
			20-951	320	325		0.005				
			20-952	325	330.5		Tr.				
			20-953	330.5	334.7		0.005				
		272 - 293 Pink and grey feldspar alteration. Few pebbles. Acc. 1% pyrite	20-949	334.7	337.6	2.9	.745	.72		.732	

Ministère des Richesses Naturelles, Québec

3 MAR 1964

SERVICE DES GITES MINÉRAUX

No GM 14020

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 20

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.
		295 - 300 Pink feldspar alteration	20-950	337.5	344	6.5	.06	.05		.035	
		300 - 317 Dark grey. Minor pebbles. Bands at 60°	20-542	344	350		.005				
		315.5- 317 Moderate silicification. 1/2% pyrite	20-501	350	354		.005				
		317.5- 331 Lt. grey conglomerate	20-502	354	360		.005				
		331 - 337 Iron formation. 25% Fe.	20-503	360	365		.01				
		335 - 337 20% pyrite	20-504	365	370		.005				
		337 - 344 Very highly silicified conglomerate	20-505	370	375		.01				
		Lt. grey. Some pink and white feldspar	20-506	375	380		.005				
		alteration. 1/2 - 1% pyrite	20-507	380	385		.005				
		344 - 358 Lt. grey conglomerate. Some pink feldspar alteration,	20-508	385	390		.005				
		especially of pebbles	20-509	390	395		.005				
			20-510	395	400		.01				
358	368	FELDSPAR PORPHYRY:	20-511	400	405		.01				
		Quartz dioritic monzonite porphyry. Pink-grey. 1/2% pyrite	20-512	405	410		.005				
		Variable silicification. 1% quartz stringers	20-513	410	415		.005				
		400 - 410 20% quartz. 5% purple amethystine quartz	20-514	415	420		.005				
			20-515	420	425		.005				
		423 - 425.5 Quartz vein	20-516	425	430		.005				
		429 - 440 10% amethystine quartz associated with course feldspar	20-517	430	435		.005				
		crystals	20-518	435	440		.01				
		465 - 466 Quartz vein	20-519	440	445		.01				
		475 - 476 Few course pyrite cubes	20-520	445	450		.01				
		485 - 487 10% amethystine quartz	20-521	450	455		.01				
		498 - 528 Appear to be two main sets of fractures approximately at	20-522	455	460		.01				
		right angles and at 45° to core	20-523	460	465		.01				
			20-524	465	470		Tr.				
		Quartz carbonate veins at 526-527; 539-539.5; 540.6-541.5	20-525	470	475		.01				
			20-526	475	480		.01				
		542 - 542.5 Quartz vein	20-527	480	485		.005				
		566 - 568 Highly silicified grey porphyry containing diorite	20-528	485	490		.005				
		fragments	20-529	490	495		.005				
			20-530	495	500		Tr.				
368	599	DIORITE:	20-531	500	505		Tr.				
		M.G. - green. Abo magnetite & pyrite	20-532	505	510		.005				

D. K. Merrill

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 20

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.
		593.5 - 599 porphyry dike	M-533	510	515		.005				
		596 - 599 Dark grey diorite. 1/2% pyrite	M-534	515	520		Tr.				
		Lt. shear at 2X 65°	M-535	520	525		Tr.				
			M-543	525	530		Tr.				
599	706.2	FELDSPAR PORPHYRY:	M-544	530	535		.005				
		599 - 625 Grey-pink. Moderate silicification. 1/2% pyrite.	M-545	535	540		.01				
		610 - 612 Quartz vein	M-546	540	545		.005				
		625 - 675 Salmon pink, massive, Lt. silicification. Very minor quartz stringers	M-547	545	550		.005				
			M-548	550	555		.03	.03		.03	
		675 - 685 Pink-grey. Lt. silicification	M-549	555	560	5.	.17	.18		.175	
		685 - 690 Pink, massive	M-550	560	565		.005				
		690 - 706.2 Lt. Mod. silicification. Lt. pink - grey	M-601	565	568.2		.005				
			M-602	568.2	690.4		Tr.				
706.2	799.3	SEDIMENTS:									
		Grey greywacke. Massive f.g.	M-603	595.6	598.9		Tr.				
		735 - 737 Barren quartz vein	M-604	598.9	605		.005				
		799 - 799.3 Mod feldspar alteration. Probably conglomerate	M-605	605	610		.01				
			M-606	610	615		Tr.				
			M-607	615	620		.005				
			M-608	620	625		.01				
			M-609	625	630		.01				
			M-610	630	635		.01				
			M-611	635	640		.005				
			M-612	640	645		.005				
			M-613	645	650		.005				
			M-614	650	655		Tr.				
			M-615	655	660		.005				
			M-616	660	665		.01				
			M-617	665	670		.005				
			M-618	670	675		.04				
			M-619	675	680		.015				
			M-620	680	685		.03				
			M-621	685	690		.01				
			M-622	690	700		.02 (.01)				

B. V. Malartic

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 20

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.
			20-623	695	700		.04				
			20-624	700	708.3		.06				
			20-625	708.3	708.3		Tr.				

B. K. Mackie

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 31

TOTAL DEPTH 1112

WORKING PLACE

SECTION 6

LOGGED BY R. K. Meikle

DATE FINISHED February 20, 1963

CO-ORDINATES COLLAR

LAT. N— 3800 DEP. E— 800

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 ' 28 °

AT 500 ' 56½ °

AT 750 ' 34 °

1050 85½

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	133	CASING:									
133	166	VOLCANICS:									
		Green-grey tuff and agglomerate. 130 Bands at 60°									
		145 - 147 Finely banded grey siltstone. Minor magnetite. Bands at 60°									
		164 - 166 Pink feldspar alteration									
166	197	DIORITE:	21-629	175	178.5		Tr.				
		166 - 197 Lt. silicification - grey - Acc. pyrite. m.g. 3% magnetite									
		179 - 197 Green m.g. diorite.									
197	242	ALTERED DIORITE:	21-630	197.1	200		Tr.				
		Grey - lt. silicification - much addition of white - lt.	21-631	200	205		Tr.				
		grey carbonate. 1-2% pyrite. Mod. High shear at 65°	21-632	205	210		Tr.				
		2 - 4% magnetite	21-633	210	211.1		Tr.				
		210 - 211 5% pyrite	21-634	211.1	215		Tr.				
		220 - 222 5% pyrite - few massive 1/4" bands	21-635	215	220		Tr.				
			21-636	220	221.6		Tr.				
242	276	VOLCANICS:	21-637	221.6	225		Tr.				
		242 - 256 f.g. green andesite or diorite. 1 - 2% magnetite	21-638	225	227.9		Tr.				
		252 - 256 Lt. grey. lt. silicification, 1/2% pyrite	21-639	252	256.3		.005				
		256 - 276 Lt. grey-green. Acc. 1% magnetite. Tuff. Low mod. shear at 65°									
276	327	DIORITE:	21-640	218.2	320		.005				
		m.g. Green. Acc. 1% magnetite									
		314 - 371 Highly sheared at 65°. Biotite & quartz carbonate and albite alteration									
327	371	VOLCANICS:									
		Tuff and agglomerate. Minor andesite. Green - dk. grey Acc. magnetite. Finely banded in part at 57°									

R. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY HALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 21

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.
371	426	DIORITE:	21-641	370.8	375.		Tr.				
		371 - 384 Lt. silicified diorite. Grey, m.g. 1% magnetite									
		1/2% - 1% pyrite	21-642	378.3	383.4		Nil				
		384 - 426 Sheared and altered - grey-green, 1 - 4% magnetite. Much									
		carbonate addition. Lt. silicification shear at 60°									
		Lost core: 402-403; 416-417; 437-438; 442-443									
426	452	SEDIMENTS:	21-643	429.5	433.6		Tr.				
		426 - 429 Dk. grey greywacke. Shear at 60°	21-644	432.6	435		.005				
		429 - 452 Lt. grey finely banded siltstone. Lt. silicification	21-645	435	438.3		.005				
		Much carbonate addition. Acc. 1% pyrite. Minor magnetite	21-646	438.3	441.2		.005				
			21-647	441.2	445.6		.01				
452	497	DIORITE:									
		Dk. grey-green. m.g. C.g. Acc. 1% magnetite. Lt. silici-									
		fication. Lost core, 471-472; 474-475; 485-496									
497	606	SEDIMENTS:									
		497 - 519 Lt. grey siltstone, few pebbles. Finely banded at 70°. Lt.									
		silicification - minor pink feldspar alteration. Acc.									
		pyrite. Lost core - 498-499; 495-494									
		519 - 577 Grey greywacke. Minor siltstone. Lt. shear at 71°. Acc.									
		pyrite. Few small diorite dikes.									
		577 - 598 Grey - Lt. grey siltstone. Fine bedding 589 at 75°.									
		598 - 604 Lt. med. silicification, 1/2% pyrite . Some red feldspar	21-648	597.3	602		.005				
		alteration.									
		604 - 606 Black - aphanitic, acc. pyrite									
606	690	GABBRO:	21-649	620.4	622.3		Tr.				
		Black - dk. grey. Altered, recrystallized with some amphi-									
		bole development - much carbonate addition.									
		606 - 616 F.g. M.g.									
		616 - 624 F.g.									

W. F. Mitchell

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 21

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.
		620 - 622 Lt. silicification. 1/r - 1% pyrite	21-580	635	640		Nil				
		624 - 631 M.G.	21-590	640	645		Tr.				
		631 - 649 F.g. Lt. silicification. 1/2 - 3 1% pyrite	21-591	645	648.3		Tr.				
		649 - 677 M.g.-C.g. Lt. shear at 67°. Dk. grey-green									
		677 - 682 F.G.									
		682 - 690 C.g.									
690	729	SEDIMENTS:									
		690 - 712 Dk. green-grey highly altered sediments (?)									
		Mainly strongly foliated at 62°. Much addition of carbon-	21-582	712.2	715		.01				
		ate and grey feldspar. Few bands are massive and f.g.,	21-583	715	716.1		.005				
		probably gabbroic diorite dikes	21-584	716.1	721.7		Tr.				
		712 Dk. grey-grey siltstone, finely banded at 60° - 1/2% -	21-585	721.7	723		.005				
		2% pyrite	21-586	723	725		.01				
		723 - 724.5 Very highly silicified feldspar porphyry dike.	21-587	725	729.3		.04				
		1% pyrite	21-588	729.3	730.9		.005				
		727.4- 729 50% Barren quartz veins	21-589	730.9	735		.005				
			21-590	735	736.4		.01				
729	745	GABBRO:	21-591	736.4	738.2	1.8	11.17	12.85	1.0		
		Black. f.g. -M.g. 1% pyrite. Acc. magnetite	21-592	736.2	740	1.8	.27	.30	.285		
		735.5- 738 Feldspar porphyry dike. 738.2 Half a dozen specks of	21-593	740	745	5.	.01	.01	.01		
		gold, two of them 1/8" in diameter. Several specks of	21-594	745	750	5.	.25	.61	.93		
		gold at 737.8. Acc. blue grey mineral - a telluride (?)	21-595	750	755	5.	.39	.47	.43		
745	769	FELDSPAR PORPHYRY:	21-596	755	760	5.	.34	.24	.29		
		Lt. grey-pink. Well fractured. 5% quartz stringers -	21-597	760	765	5.	.28	.26	.27		
		minor tourmaline. Moderate silicification - 1% pyrite	21-598	765	768.9	3.9	.33	.24	.285		
		Few coarse cubes.	21-599	768.9	772	3.1	.02	.02	.02		
			21-600	772	775	3.	.03	(.01)			
769	796.5	GABBRO:	21-601	775	777.6	2.6	6.22	3.87	1.0		
		Black. M.G. Acc. pyrite, acc. magnetite	21-602	777.6	780	2.4	.01				
		775 - 775.7 2% pyrite	21-603	780	785	5.	.005				
		775.7- 776.2 Feldspar porphyry dike. One speck of gold seen at the edge	21-604	785	790	5.	.005				
		of a pyrite cube.	21-605	790	794.5	4.5	.22	.26	.24		
		775.6 1/2" porphyry stringer. Few small specks of gold	21-606	794.5	800	5.5	.26	.30	.28		

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 21

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.
			21-657	900	903.1	3.2	1.37	1.09	1.0		
			21-658	903.1	906.2	3.1	1.55	1.33	1.0		
793.5	803	FELDSPAR PORPHYRY:	21-659	906.2	907.7	1.5	.17	.14	.155		
			21-665	907.7	911.7	4.	.02		.02		
		Lt. grey-pink. Highly silicified. 5% quartz stringers.	21-660	911.7	914	2.3	.86	1.44	1.6		
		1/2 - 1% pyrite. 903 Few smallspecks of gold in the	21-661	914	915.6	1.6	.13	.14	.13		
		porphyry within 1/4" of the contact with gabbro	21-662	915.6	917.1	1.5	.11	.10	.105		
803	835	GABBRO:	21-663	917.1	922.9	5.8	.06	.09	.075		
		Black, m.g. 1% pyrite occuring in disseminated cubes	21-664	922.9	935	2.1	.12	.08	.10		
		within 8' of a porphyry dike. 8	666	925	930	5.	.05				
	805.5 — 806.2	Porphyry dike. Several specks of gold seen	667	930	935	5.	.04				
	811.9 — 814	Silicified porphyry dike	668	935	940	5.	.01				
	815.6 — 817	Silicified porphyry dike	669	940	945	5.	.04				
	825 — 829	Mainly barren quartz stringers	670	945	950	5.	1.37	1.66	1.0		
			671	950	955	5.	5.13	6.79	1.0		
835	880.3	FELDSPAR PORPHYRY:	672	955	960	5.	.22	.55	.385		
	825 — 832	Lt. grey highly silicified. 1/2% pyrite	673	960	965	5.	Composite Sample		.09		
	832 — 840.8	Lt. grey-pink. 1/2% - 1% pyrite to	674	965	970	5.	"	"	.10		
		minor quartz stringers	675	970	975	5.	"	"	.14		
	845 — 846	Quartz vein - no sulphides. 1 speck of gold seen after	676	975	980	5.	"	"	.08		
		splitting. Possibly few grains of a telluride	677	980	985.5	5.5	"	"	.02		
			678	985.5	988.6		.01				
	852 — 855	Mainly quartz veins. Several specks of gold seen after	679	988.6	990		Tr.				
			680	990	995	5.	.005				
			681	995	1000		Tr.				
880.3	903	SEDIMENTS:	682	1000	902.9		.005				
		Mainly grey greywacke. Much magnetite iron formation	683	902.9	905		.005				
		minor siltstone	684	905	910		Tr.				
	880.3 — 881.6	Iron formation. 10% iron. 2% pyrite	685	910	915		.005				
	881.6 — 884	Feldspar porphyry dike. Very coarse crystals	686	915	919.6		.02				
			687	919.6	924.6		.01				
	884 — 890	Bedding at 66°	688	924.6	930		.01				
	885.5	Small quartz stringer with much galena	689	930	935		.01				
		few grains of chalcopyrite	690	935	941.1		.005				

B.K. Mainville

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 8

DIAMOND DRILL RECORD

HOLE NUMBER M - 21

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.
		870 - 874.5 Feldspar porphyry dike. Lt. grey-pink	21- 691	941.1	942.5		.01				
		Highly silicified - 1/2% pyrite	692	943.5	946.9		.03				
		878 - 879 Feldspar porpayry dike	693	946.6	952 957.5		.02				
		881.5- 882 " " "	695	953.5	957		.01				
		883 - 885.3 " " "	696	957	960		.01				
		885.3- 886.9 Iron formation. 10% Fe. 3 - 5% pyrite	697	960	965		.01				
		Moderate silicification	698	965	970		.01				
		896.9- 903 Iron formation 10-15% Fe. Bands at 62°	21-699	970	975		.005				
			21-700	975	980		.02				
			21-2051	980	985		Tr.				
903	918	FELDSPAR PORPHYRY:	21-1052	985	990		.005				
		Pink, 1% quartz stringers. Lt. silicification	21-1053	990	995		Tr.				
		Acc. 1/2% pyrite	21-1054	995	1000		.005				
			21-1055	1000	1005		.005				
918	949	SEDIMENTS:	21-1056	1005	1010		.01				
		Iron formation. 10-15% Fe. Bedding at 64°	21-1057	1010	1015		.005				
		Numerous 1" porphyry dikes with dense associated pyrite	21-1058	1015	1020		Tr.				
		in narrow seams at the contacts	21-1059	1020	1025		Tr.				
			21-1060	1025	1030		.005				
		918 - 918.5 20% pyrite	21-1061	1030	1035		.005				
		941 - 942 10% pyrite	21-1062	1035	1040		Tr.				
		942 - 947 Feldspar porphyry dike. Highly silicified. 2% pyrite some	21-1063	1040	1045		.005				
		accessory tourmaline.	21-1064	1045	1045.5		Tr.				
			21-1065	1045.5	1050		.02				
949	1046.5	FELDSPAR PORPHYRY:	21-1066	1050	1051.6		.10	.06	.08		
		949 - 1004 Mod. to high silicification. Lt. grey to pink. 1%	21-1067	1051.6	1055		.01	.01	.01		
		quartz stringers	21-1068	1055	1060		.05	.04	.045		
		955 - 958 Numerous quartz stringers. 3% pyrite, some coarse	21-1069	1060	1065		.09	.05	.07		
		cubes	21-1070	1065	1070		.05	.02	.035		
		1004 - 1046.5 Very highly silicified. Lt. grey	21-1071	1070	1073.1		.05	.04	.045		
		1/2 - 1% pyrite	21-1072	1073.1	1074.6	1.7	.38	.33	.36		
			21-1073	1074.6	1077	3.2	.43	.70	.575		

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC PROPERTY

SHEET NUMBER 6

DIAMOND DRILL RECORD

HOLE NUMBER M - 2

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.
1046.5	1112	SEDIMENTS:	21-1074	1077	1082.7	5.7	.09	.09	.09		
		1046.5 - 1051.5 Brownish greywacke. 1 - 2% pyrite in coarse ouhes. Much carbonate. Med. shear at 62°.	21-1075	1082.7	1086		.02				
		1051.5 - 1073 Very highly silicified sediments. Much sericite developed and much grey feldspar added. 1/2% pyrite.									
		1073 - 1075 Lt. brown. Moderate - high silicification. 1% pyrite. Some sericite, some carbonate									
		1075 - 1077 Argillaceous siltstone. 1/2% pyrite.									
		1077 - 1083 Lt. brown siltstone. 1% pyrite. Med. high silicification, some sericite, some carbonate.									
		1083 - 1086 Grey greywacke, 1/2% pyrite.									
		1086 - 1112 Grey siltstone. Bedding at 75°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 22

TOTAL DEPTH 1197

WORKING PLACE

SECTION

LOGGED BY B. K. Meikle

DATE FINISHED March 21st. 1963

CO-ORDINATES COLLAR

LAT. N— 3800 DEP. E— 700

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 42½ °

AT 500 39 °

AT 750 32 °

AT 1000 32 °

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	124	CASING:									
124	168	VOLCANICS:									
		Dk. green-grey. Accessory magnetite and pyrite									
		124 - 129 F.g. andesite - minor red feldspar alteration									
		129 - 130.5 Altered tuff or sediments. Much red feldspar alteration. Some quartz, carbonate, albite addition.									
		130.5- 142 Sheared andesite and tuff. 1% pyrite in small lenses. Medium shear at 60°	22-1076	130.6	153.1		Tr.				
			22-1077	153.1	156.8		Tr.				
		137 - 142 Much red feldspar alteration. 1% pyrite Few specks of chalcopyrite.	22-1078	136.8	141.8		Tr.				
		146 - 168 Grey. Highly altered andesite, tuff and agglomerate. Much grey feldspar alteration. Few small brecciated zones. Some silicification and addition of carbonate and albite. Accessory pyrite. Medium shear at 65°									
168	260	DIORITE:	22-1079	201.6	204.7		Tr.				
		Green. M.g. - C.g. 1-4% magnetite. Medium shear.									
		177 - 68°; 242 - 62°. Minor lt. silicification. Numerous quartz, carbonate, albite stringers with associated pyrite	22-1080	215.3	219.1		Tr.				
			22-1081	230.6	232.9		.01				
260	286	VOLCANICS:									
		260 - 273 Dark green, f.g. f.g.-m.g. sheared andesite. Acc.-2% magnetite Mod. shear at 64°. Acc. pyrite	22-1082	238.6	243.6		.03				
			22-1083	234.6	247.6		.02				
		273 - 286 Green, f.g. Tuff and andesite. Sheared at 58°									
286	370	DIORITE:									
		286 - 309 C.G. green speckled diorite. Acc. magnetite									
		309 - 310 Much epidote alteration									
		310 Grey f.g. - m. g. dit.									
370	591	SEDIMENTS:									
		370 - 410 Lt. grey - pink silicified conglomerate. Acc. pyrite some epidote and some pink feldspar alteration. Bleedy ground and much of this drilled with a bull-nose bit.									

B K Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 22

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.
		No core recovery 371 - 384; 386 - 403; 405 - 415.									
		410 - 455 Dark grey siltstone. No core recovery from 416-430; 431-440;									
		446-469.									
		469 - 471 Magnetite iron formation. Fe = 18%. Leaching of carbonate	22-1085	469	471.1		Tr.				
		has left pits in the rock	22-1086	471.1	476.1		Tr.				
		471 - 476 Lt. grey-pink silicified conglomerate. Beds at 75°.									
		1/2% pyrite									
		476 Grey siltstone. Beds at 65° at 480									
		486 - 490 Diorite dike									
		501 - 505 " "									
		528 - 529 " "									
		524.5- 525.5 Minor quartz veinlets and assoc. pyrite. Few specks	22-1087	529.4	530.7		Tr.				
		Chalcopyrite.									
531	551	DIORITE:									
		M.g. dark grey Gabbroic									
		540 - 545 Inclusion of grey siltstone									
551	674	SEDIMENTS:									
		Dk. grey - grey siltstone. Beds at 70°.									
		553 - 554.5 Minor quartz stringers and associated pyrite. 554 1/2"	22-1088	553.5	554.5		Tr.				
		quartz vein has pink feldspar along margins.									
		588 - 590 Diorite dike									
		592 - 593 " "									
		595 - 611 Lt. green, massive, f.g.									
		615 - 616 Brown silicified, 5% pyrite	22-1089	614.5	616.2		Tr.				
		634 Minor greywacke bands									
		645 Beds at 70°									
674	697	DIORITE:	22-1090	691.1	696.6	5.5	.03	.03			
		c - 70° Dark grey. Gabbroic									
		Feldspar, quartz and carbonate veinlets	22-1091	696.6	700		.01				
		691.5- 2" quartz and feldspar vein									
		693 - 694 Highly silicified feldspar porphyry dike, 1/2% pyrite									
		696.5- 697 Extremely silicified									

B. K. Mitchell

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 22

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	II	AVE	II SAMPLE NO.	REM.
697	708	FELDSPAR PORPHYRY:	22-1092	700	705		.005				
		Pink-grey. Lt. silicification. 1% irregular quartz	22-1093	705	708.1		Tr.				
		stringers. 1/2% pyrite									
		697 - 698 Highly silicified									
708	714.5	DIORITE:									
		Dark grey - gabbroic. In part massive and n.g., in	22-1094	708.1	710		Tr.				
		part med. shear at 60°	22-1095	710	714.5		Tr.				
714.5	728.5	FELDSPAR PORPHYRY:	22-1096	714.5	720		.005				
		Pink-grey. Lt. silicification. 1/2% pyrite	22-1097	720	725		.005				
		717.5- 718.5 Quartz vein. Minor purple amethyst	22-1098	725	728.5		.01				
728.5	746.5	DIORITE:	22-1099	728.5	730		Tr.				
		Dark grey gabbroic. Medium shear at 60°	22-1100	730	735		Tr.				
		Remnant n.g. Texture	22-1151	735	736.1	1.1	.08				
		731.2- 732 Iron formation inclusion	22-1152	736.1	739.2	3.1	.14	.12		.13	
		734.5- 736 " " "	22-1153	739.2	742.6	3.4	.005				
		736 - 739 Feldspar. Porphyry dike	22-1154	742.6	745.4	2.8	Tr.				
			22-1155	745.4	750	4.6	.35	.32		.335	
746.5	766.2	FELDSPAR PORPHYRY:	22-1156	750	755	5.	.22	.15		.185	
		Lt. grey-pink. Medium silicification	22-1157	755	760	5.	.36	.45		.405	
		1% pyrite. 2% irregular quartz stringers	22-1158	760	765	5.	.16	.17		.165	
		Some coarse pyrite mainly associated with quartz	22-1159	765	766.2	1.2	.02				
		stringers.	22-1160	766.2	768.6	2.4	.08	.11		.095	
			22-1161	768.6	770		Tr.				
766.2	779	DIORITE:									
		Black, gabbroic, n.g.									
		766.2- 768.6 4% pyrite in disseminated cubes, some quartz carbonate									
		addition. Lt. shear at 75°									
779	956.6	SEDIMENTS:									
		779 - 782 Iron formation 5 - 10% Fe.									
		787 - 788 Breccia zone. Quartz, carbonate, feldspar and pyrite									

B. V. Hamble

CAMFLO MATTAGAMI MINES LIMITED

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

SHEET NUMBER..... 4 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 22 .....

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.
		753 Dark grey siltstone									
		800 - 804 Diorite dike - gabbroic, mod. shear at 75°	22-1162	803.6	807.4		.02				
		806.5- 807 Feldspar porphyry dike									
		814 - 815 Small quartz veins	22-1163	814	816.5		Nil				
		812 - 823 Gabbro dike									
		822 - 826.5 Feldspar porphyry dike. Pitted	22-1164	822.4	825.2		Nil				
		827.5-829 Feldspar porphyry dike	22-1165	826.2	830.2		Tr.				
		833 2" " " "									
		835 3" " " "	22-1166	833.9	834		Tr.				
		837 4" " " "	22-								
		843 5" " " "	22-1167	838.	838.8		Tr.				
		844 1" " " "									
		848 1/2" " " "	22-1168	842.9	844.6		Tr.				
		893 4" " " "	22-1169	844.6	847.8		Tr.				
		897 8" " " "									
		862 Beds at 58°	22-1170	853	858.3		Tr.				
		917 2" Quartz vein. Acc. galena and chalcopyrite									
		956.5- 958.5 Silicified - 2% pyrite	22-1171	902.3	905.4		.005				
958.5	967.5	FELDSPAR PORPHYRY:	22-1172	905.3	907.6		Tr.				
		Lt. grey-pink. Silicified.									
967.5	1005.5	SEDIMENTS:	22-1173	915.8	916.6		Tr.				
		967.5- 968.5 Silicified. 5% pyrite									
		968.5- 974 Black siltstone. 1/2" pyrite	22-1174	966.8	968.6		.01				
		974 - 976.5 Silicified feldspar porphyry dike	22-1175	968.6	968.7		.005				
		976.5- 977 Quartz vein	22-1176	968.7	966		.005				
		977 - 979.5 5% pyrite is disseminated cubes	22-1180	966	967.4		.005				
		Lt. silicification. Numerous irregular quartz	22-1175	967.4	968.5		.08				
		veinlets	22-1181	968.5	972.6		.01				
		979.5- 983 Lt. silicification. 1% pyrite	22-1176	972.6	974.2		.04				
		983 - 1005.5 Dark grey siltstone and greywacke	22-1182	974.2	976.5		.01				
			22-1187	976.5	977.3	0.8	.08			.09	
		1003 - 1005.5 1/2% pyrite	22-1183	977.3	979.5	2.2	1.58	1.26	1.00		
			22-1188	979.5	983.2	3.7	.06 .12	.15	.10		
			22-1196	983.2	985		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 5

DIAMOND DRILL RECORD

HOLE NUMBER M - 22

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.
1005.5	1020.2	FELDSPAR PORPHYRY:									
		Lt. grey, highly silicified	22-1184	1003	1005.5		.01				
		1018.5 2, 1" concentrations of pyrite	22-1189	1005.5	1010		Tr.				
			22-1185	1010	1015		Tr.				
			22-1190	1015	1020.2		Tr.				
1020.2	1197	SEDIMENTS:	22-1186	1020.2	1024.1		Tr.				—
		1020.2- 1024 Greywacke, 1/2% pyrite	22-1191	1024.1	1025		Nil				
		1024 - 1026.5 Feldspar porphyry, 1% pyrite	22-1192	1025	1027		.005				
		1024 - 1026 High silicified									
		1026.5- 1197 Dark grey siltstone and greywacke	22-1193	1150.6	1151.6		Tr.				
		1075 Beds at 70°									
		1128 Beds at 68°	22-1194	1163.4	1167.2		Tr.				
		1174 Beds at 67°	22-1195	1167.2	1172.2		.005				
		1151 - 1152 Minor brown alteration, 1% pyrite, Lt. silicification									
		1163 - 1172 1/2% pyrite									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....BALANTIC TOWNSHIP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M-23.....

TOTAL DEPTH.....1191.....

WORKING PLACE.....

SECTION.....6.....

LOGGED BY.....D. E. Meikle.....

DATE FINISHED...March 21/1963....

CO-ORDINATES COLLAR

LAT. N—....5800..... DEP. E—800

TO COLLAR.....

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

ANGLE.....45°.....

DIP TESTS (TRUE DIPS)

AT...200.....'.....41.....°

AT...500.....'.....38½....°

AT...750.....'.....33.....°

1000 32½

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	119	CASING:									
119	146	VOLCANICS:									
		Green andesite, minor tuff. Low shear at 64°									
146	238	DIORITE:	23-1014	215.5	218		Tr.				
		Green, f.g.-c.g. Acc.-5% magnetite. Acc. pyrite									
		215.5- 218 Quartz vein									
238	287	VOLCANICS:									
		Green, f.g.-m.g. Lt. shear 90° - 60°									
		277 - 278 Lost core									
287	311	DIORITE:	23-1015	287.9	300		Tr.				
		M.g.-C.g. speckled green. Acc. magnetite	23-1083	300	301.8		.01				
		297.9- 301.8 White quartz vein									
311	355	SEDIMENTS:									
		Grey greywacke. Lt. silicification									
		325 - 340 Red feldspar or jasper alteration. Fractured, leached in places - very blocky drilling.									
		340 - 356 1% magnetite. 10% of core lost									
355	461	DIORITE:									
		355 - 356 Green, m.g. massive. 5% magnetite									
		365 - 410 Dark grey. m.g. 5% magnetite. Minor Lt. Silicification.									
		Acc. pyrite	23-1023	456.4	461.2		.005				
		410 - 435 Grey. m.g. 5% magnetite, Acc. pyrite	23-1024	461.2	465		.000				
		435 - 461 C.G. Derkk grey to green diorite. Blotchy appearance.									
		Minor carbonate, quartz and feldspar addition.									
461	511	SEDIMENTS:	23-1025	475.5	477		Tr.				
		461 - 470 Lt. grey-pink silicified conglomerate, Acc. pyrite, some pink feldspar alteration. Lt. shear at 69°	23-1016	477	483.9		.05	Tr.	.04		.075 Tr.
		469-470 Lost core	23-1026	483.9	485		Tr.				
		470 - 477 Magnetite iron formation									

D. E. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 23

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.
		477 - 521 Grey siltstone. Minor chertz bands									
		482 Beds at 75°.									
		481 - 482 Lost core									
		492 - 494 Diorite dike									
		495 - 498 Diorite dike. M.g., very dark green - probably gabbroic									
		500 - 502 Diorite dike.									
		516 - 518 Lt. silicification 1% pyrite									
521	532	DIORITE:									
		M.g. Dk. grey-green. Gabbroic. Lt. shear at 55°									
532	949	SEDIMENTS:									
		Grey siltstone									
		537 - 547 Diorite dike									
		552 - 558 " "									
		574 Beds at 59°									
		608 " at 72°									
		615 - 635 F.g. greenish-grey. Few dark grey bands									
		635 - 655 Grey-dark grey siltstone. Beds at 75°									
		643 - 644 Quartz, albite, carbonate vein. Occ. pyrite	23-1017	642.6	644.5		.03				
		655 Magnetite iron formation									
		655 - 672 5 - 10% Fe.	23-1018	675.6	679.3		Tr.				
		672 - 712 15% Fe. Numerous small quartz veins with pink feldspar and carbonate. Narrow concentrations of pyrite along contacts	23-1019	684.3	689.6		Tr.				
		712 - 800 Grey siltstone. Few narrow quartz veinlets with pink feldspar and carbonate. Some greywacke bands.	23-1020	693.3	698.6		Tr.				
		Beds at 80° at 720	23-1021	700	703.6		Tr.				
		733 - 733.5 Quartz vein									
		787 Beds at 68°	23-1022	716.6	718.4		Tr.				
		795 - 799 1/2% disc. pyrite									
		800 Mainly grey greywacke, some siltstone	23-1027	730.1	731.1		.01				
		831 Beds at 63°									
		839 - 840 Pebble conglomerate or possibly fault breccia	23-1028	732.5	733.4		Nil				
		850 - 856 Grey, f.g., massive, diorite dike									
		856 - 859 Feldspar porphyry dike. Lt. pink-grey silicified, 1% pyrite	23-1029	751	752.6		Tr.				
			23-1030	795.1	798.2		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 23

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	SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
		889 - 892 2% pyrite. L3. silicification	23-1031	886.2	889.1		.005				
		907 - 917 Medium shear at 74°. Much quartz, carbonate, feldspar	23-1032	889.1	892.4		.05				
		veinlets. 2% pyrite	23-1033	905	907.4		Nil				
			23-1033	907.4	912.9	5.5	.44	.52	.48		
949	971	FELDSPAR PORPHYRY:	23-1038	912.9	916.6	3.7	.06	.08	.07		
		Mainly C.g. and pink. 5° at each contact silicified	23-1039	916.6	920		Tr.				
		1/2% pyrite. 2% irregular quartz stringers	23-1035	949.4	955		Tr.				
			23-1036	955	960		Tr.				
971	1191	SEDIMENTS:	23-1037	960	965		Nil				
		Grey siltstone. Beds at 69° at 1000	23-1040	965	971		Nil				
		975 - 1000 Mainly grey greywacke									
		1027 - 1028.5 Irregular quartz stringers, 1% pyrite	23-1041	1027.2	1028.6		Nil				
		1040 - 1060 5% biotite specks									
		1056 Beds at 63°									
		1115 Beds at 74°									
		1190 Beds at 72°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 24

TOTAL DEPTH 1254

WORKING PLACE

SECTION 11

LOGGED BY B. K. Meikle

DATE FINISHED March 26, 1953

CO-ORDINATES COLLAR

LAT. N— 3954 DEP. E— 1100

TO COLLAR

BEARING South

ANGLE 50°

DIP TESTS (TRUE DIPS)

AT 250	40	°
AT 500	37	°
AT 750	33½	°
AT 1000	31	°
1250	30	°

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	352	VOLCANICS:									
		Lt. grey - green. Acc. magnetite and pyrite. f.g.-m.g. andesite. Lt. shear. 85 shear at 61°									
		193 at 60°. Minor small quartz, carbonate, albite veinlets and associated pyrite. 194, one speck of chalcopyrite.									
215	300	Lt.-green, homogeneous rock. Remnant m.g. texture. 5% disseminated biotite specks. Acc. pyrite. Lt. shear at 61°. Probably andesite, possibly diorite. 300-352 Mixture of well banded tuffaceous material and f.g.-m.g. andesite. Lt. shear at 70°. Green-grey. speckled with 5% biotite.									
352	520	DIORITE:									
		Coarse grained. Some dark grey but mainly speckled green. Acc. pyrite. 5% magnetite	24-1101	385.6	388.7		Tr.				
			24-1102	388.7	395		Tr.				
380	418	Lt. shear, lt. silicification. Much epidote alteration 1/2% pyrite	24-1103	405	408		Tr.				
441	465	Medium shear at 66°. Much quartz carbonate veining. Grey green, remnant m.g. texture. Could be volcanics Non magnetic	24-1104	408	411.6		Tr.				
			24-1105	455	460		Nil				
459	460	Minor brecciation. Secondary concentrations of mafic minerals.									
465	500	Bands of massive diorite and bands of sheared diorite. Non magnetic									
500	515	Massive green c.g. speckled diorite. Non magnetic.									
515	520	Sheared diorite at 75°	24-1106	515	518.2		Tr.				
520	632	VOLCANICS:									
		Green-grey. Andesite, tuff, porphyritic, andesite, minor sedimentary bands. Mod. shear at 75°									
602	609	c.g. diorite									
		613 Beds at 620									

B. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 24

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.
632	818.5	SEDIMENTS:									
		632 - 639 Dk. grey siltstone. Beds at 60°	24-1107	642.8	645		Tr.				
		636 - 639 Minor red feldspar or jasper alteration	24-1108	645	650		Tr.				
			2491109	650	655		Tr.				
		639 - 650 Lt. grey cherty sediments. 1% pyrite. Much pink alteration	24-1110	660	665		Tr.				
		650 - 677 Magnetite iron formation. Fe 5-10%, 1% pyrite. Bands at 67°	24-1111	675	678.2		Tr.				
		677 - 700 Grey siltstone. 1/2% pyrite									
		710 - 713 Lt. silicification, brownish alteration. 1-1/2% pyrite	24-1112	690	693.4		Tr.				
		764 4" feldspar porphyry dike	24-1113	710	713.3		.005				
		768 3" " " "									
		772 1" " " "	24-1114	762.9	763.8		Tr.				
		776 - 777 " " "									
		779 & 3" " " "	24-1115	767.2	768.7		Tr.				
		781 - 782 " " "									
		784 2" " " "	24-1116	770.9	771.9		Tr.				
		787 1" " " "	24-1117	771.9	775		Tr.				
		792 2" " " "	24-1118	775	780		.005				
		771 Lt. shear at 66°	24-1119	780	784.3		Tr.				
		794 - 795 Quartz vein. Minor pink feldspar	24-1120	784.3	787.3		Tr.				
		797 - 798 Grey feldspar alteration	24-1121	787.3	792.1		Tr.				
		816 - 818.5 Few small feldspar porphyry dikes	24-1122	792.1	795		Tr.				
818.5	830	FELDSPAR PORPHYRY:	24-1123	796.5	797.8		Tr.				
		Pink, lt. silicification, 1/2% pyrite									
		822 3" quartz vein	24-1124	814.2	818.6		.005				
		825.5 - 826.5 Quartz vein	24-1131	818.6	820		Tr.				
830	844	SEDIMENTS:									
		Grey greywacke	24-1125	820	825		.005				
		838 - 844 Few small porphyry dikes; minor lt. silicification 1/2% pyrite	24-1126	877.0	830.1		Tr.				
844	1174	FELDSPAR PORPHYRY:									
		Mainly pink - some portions lt. grey	24-1133	838	840		.005				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 24

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.
		lt. silicification, 1/2% pyrite, 1% irregular quartz	24-1127	840	844		.005				
		stringers	24-1134	844	850	6	.10	.10	.10		
		688 1/2" band of tourmaline and minor quartz at 70°	24-1128	850	855		.02				
		to core	24-1135	855	860		.005				
		890 - 900 5% quartz stringers, 1/2% pyrite	24-1129	860	865		.005				
		865.5- 868.5 Almost completely absorbed inclusion, 5% pyrite	24-1136	865	870		.02				
			24-1130	870	875		.04				
		877 - 879 Dark grey siltstone	24-1137	875	880		.02				
		883.5- 884.5 " " "	24-1140	880	885		.05				
		893.5- 898.5 Dk. grey gabbro. Med. shear at 64°. Some hornblende	24-1138	885	890		Tr.				
		porphyroblasts developed	24-1141	890	895		Tr.				
		895.5 Numerous specks of gold in the porphyry within 1/4" of	24-1139	895	900		Tr.				
		the contact	24-1147	900	905		.01				
		1012 - 1014 Silicified lt. grey greywacke, 2% pyrite, one 3"	24-1697	905	910		.01				
		quartz vein	24-1143	910	915		.01				
		1031.5- 1035.5 Gabbro, 1% pyrite	24-1046	915	920		.005				
		1005 - 1160 Pink, 1% pyrite	24-1149	920	925		.005				
		1100 - 1125 5% quartz, few pyrite cubes at 1095-1100 and 640	24-1142	925	930		Nil				
			24-1145	930	935		.005				
		1160 - 1174 Grey moderately silicified porphyry	24-1148	935	940		.01				
			24-1146	940	945	5	.155	.085	.075	.105	
1174	1254	SEDIMENTS:	24-1144	945	950		.06	.06			
		Grey greywacke. Generally 1/2% pyrite	24-1049	950	955		.06				
		1174 - 1175 1% pyrite, some silicification	24-1150	955	960		.01				
		1176 4" porphyry dike, grey, 1% pyrite	24-1050	960	965	8	.07	.09	.08		
		1181.5- 1182 " "	24-1197	965	970	5	.18	.18	.18		
		1196.0- 1197 Brown alteration. 5% pyrite	24-1201	970	975		.02				
		1197 - 1198.5 Sediments, almost completely altered to porphyry	24-1198	975	976.9		.005				
		lt. grey-pink, 1/2% pyrite	24-1202	976.9	979		.02				
		1205.5- 1220 Brown alteration. Lt. silicification. Few small	24-1199	979	983.4		.02				
		porphyry dikes. 5% pyrite. Some sericite developed	24-1203	983.4	984.5		Tr.				
			24-1200	984.5	988.7		Tr.				
		1220 - 1224.5 Sediments almost completely altered to porphyry	24-1204	988.7	993.2	4.5	1.37	1.50	1.0		
		1/2% pyrite	24-1042	993.2	998.5		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER M - 24

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.
		1224.5 - 1254 Grey greywacke, some siltstone	24-1205	995.5	1000		.04				
		Beds at 90°. Minor quartz stringers and associated	24-1045	1000	1005		.01				
		pyrite	24-1206	1005	1010		.005				
			24-1044	1010	1011.5		.01				
			24-1207	1011.5	1014.1		.04				
			24-1045	1014.1	1015		.16				
			24-1208	1015	1020		.005				
			24-1046	1020	1025	5	.10	.08	.09		
			24-1209	1025	1026.5		.01				
			24-1210	1026.5	1031.3		.02				
			24-1211	1031.3	1036.6		.01				
			24-1212	1036.5	1040		.005				
			24-1213	1040	1045		.006				
			1214	1045	1050		.02				
			1215	1050	1055		.01				
			1216	1055	1066		.02				
			1217	1060	1065		.02				
			1218	1065	1070	5	.07	.06		.065	
			1219	1070	1075	5	.14	.095 .12		.12	
			1220	1075	1080	5	.78	.92		.85	
			1221	1080	1085	5	.42	.17 .01		.20	
			1222	1085	1090	5	.08	.025 .01		.04	
			1223	1090	1095	5	.02	.03		.025	
			1224	1095	1100	5	.10	.13		.115	
			1225	1100	1105	5	.04	.04		.04	
			1226	1105	1110	5	.10	.08		.09	
			1227	1110	1115	5	.25	.30		.29	
			1228	1115	1120	5	.10	.09		.095	
			1229	1120	1125		.02				
			1230	1125	1130		.03				
			1231	1130	1135	5	.18	.22		.20	
			1232	1135	1140	5	.08	.08		.08	
			1233	1140	1145	5	.06	.10		.08	
			1234	1145	1150	5	.10	.10		.10	
			1235	1150	1155	5	.03	.04		.035	

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY HALAVIG TOWNSHIP

SHEET NUMBER 4

DIAMOND DRILL RECORD

HOLE NUMBER K - 24

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.
			K-1235	1135	1160	5	.09	.12		.105	
			1237	1160	1165	5	.06				
			1238	1165	1170		.01				
			1239	1170	1173.5		.01				
			1240	1173.5	1180		Tr.				
			1241	1180	1183		.04				
			1242	1183	1190		Tr.				
			1243	1190	1196.5		Tr.				
			1244	1196.5	1199		.005				
			1245	1199	1205		.005				
			1246	1205	1210	5	.09	Aver. of 2		.085	
			1247	1210	1215	5	.05	" " 2		.05	
			1248	1215	1220	5	.13	" " 2		.08	
			1249	1220	1225		.005				

Y. Mackie

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 25

TOTAL DEPTH 900

WORKING PLACE

SECTION 8

LOGGED BY B/ K. Meikle

DATE FINISHED April 11/63

CO-ORDINATES COLLAR

LAT. N— 3500 DEP. E— 800

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 . 40 °

AT 500 . 35 °

AT 750 . 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	148	CASING:									
148	200	DIORITE:									
		Lt. grey-green. Lt. silicified. C.g. Acc pyrite									
		175 - 200 50% core recovery									
200	372	SEDIMENTS:									
		200 - 218 Lt. grey greywacke, few pebbles	1266	227.4	229.3		Nil				
		218 Grey siltstone. Acc. pyrite	1267	246.9	253.2		.02				
		235 Beds at 68°	1268	262.9	266		.03				
		227 - 229 Lt. silicification. 1% pyrite									
		247 - 252 " " 1% " . Silver Brown alteration									
		263 - 265 " " 1% " " " " "									
		302 Beds at 67°									
		305 1/8" quartz veip, 1% coarse pyrite	1272	333.4	336.2		.005				
		353.5-334 Highly silicified pink feldspar porphyry dike 1% pyrite	1277	359.1	364.3		Tr.				
		359 - 364 1% pyrite	1278	364.5	366.6		.01				
		364 - 367 Few small highly silicified porphyry dikes	1279	366.6	371.6		Tr.				
372	379	FELDSPAR PORPHYRY:	1280	371.6	375		.005				
		Pink, 5% quartz, 1% pyrite	1281	375	379	4.	.10	.06; .10;	.087		
			1289	379	381.1		.04				
379	393	SEDIMENTS:	1296	381.1	382.9		Tr.				
		Greywacke Grey. Beds at 65°									
		379 - 381 Lt. silicification, 1% pyrite	1282	382.5	383.3		Tr.				
		381 - 383 3" porphyry dike, 2" quartz vein	1290	383.3	388.4		.04				
		392 - 393 1/2% pyrite	1283	388.4	402.5		Tr.				
			1291	402.5	407.5		Tr.				
393	398	FELDSPAR PORPHYRY:									
		Lt. medium silicification. 5% quartz stringers	1284	415.6	416.5		Tr.				
		1/2% pyrite									
			1292	426	426.8		Tr.				
398	411	SEDIMENTS:									
		Dk. grey greywacke. Few small quartz veins. 2" porphyry dike at 407									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 25

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.
411	442	DIORITE:									
		F.g.-m.g. dark grey diorite. Few small quartz veins									
442	511	FELDSPAR PORPHYRY:	1285	441.9	445		.08	.02;	.075g	.08	
		Lt. pink, lt. silicification. 4% quartz stringers.	1293	445	450		.02				
		Some accessory tourmaline	1286	450	455		.04				
	449.8- 450	Heavy tourmaline in quartz. 1 - 2% pyrite	1294	455	460		.02				
			1287	460	465		.005				
			1295	465	470.5	5.5	.38;	.03;	.12;	.11	
	469.5- 470.5	Very highly silicified	1288	470.5	475		.01				
	470.5- 475.5	Lt. silicified diorite. Some feldspar addition.	1297	475	480		.01				
		1 - 2% pyrite. Dk. grey	1306	480	485		.01				
	475.5- 511	1% pyrite	1298	485	490		.02				
			1307	490	495		.02				
511	588	DIORITE:	1299	495	500		.02				
		f.g - m.g. Dk. greey-grey	1308	500	505		.01				
	511 - 513	1% pyrite.	1300	505	510.9	5.9	.12	.08		.10	
	518	4" porphyry dike	1309	510.9	512.5		Tr.				
	520	2" " "									
	528 - 532	" "	1301	517.9	520.4		Tr.				
	538	4" " "	1310	528.3	531.8		.01				
	552 - 558	" "									
			1302	535	538.3		Tr.				
588	590	SEDIMENTS:	1311	538.3	543.6		.04				
		f.g.- m.g. Dk. green-grey greywacke	1303	552.9	556.2		.02				
	564 - 566	porphyry dike									
	568 - 572	" "	1312	563.9	565.6		.02				
590	607.5	DIORITE:	1304	565.6	567.8		Tr.				
		Dk. grey. Minor silicification	1313	567.8	571.2		.01				
	600	6" porphyry dike	1305	571.2	575		Tr.				
	604	6" " "									
	606.5- 607.5	Dk. grey greywacke	1314	599.8	602.3		.005				
607.5	615	FELDSPAR PORPHYRY:	1302	602.3	606.4		.01				
		Pink. Medium silicification. 1/2% pyrite	1315	606.4	607.5		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 25

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.
		Slightly pitted due to leaching	1323	607.3	610		.005				
615	624.5	SEDIMENTS:	1316	610	615		.01				
		Dk. grey greywacke. Beds at 50°	1324	615	619.5		.005				
		616.5- 617 Porphyry dike	1330	619.4	623.6		Tr.				
		618 Small quartz vein, heavy pyrite	1317	623.6	624.5		.08				
624.5	634	FELDSPAR PORPHYRY:	1325	624.5	630		.005				
		Pink-grey. Lt. silicification. 1% quartz stringers	1318	630	635		Tr.				
		1/2% pyrite. Minor leaching	1326	635	640		Tr.				
		633 - 634.5 Greywacke inclusion. 1% pyrite	1319	640	645		Tr.				
634	673	SEDIMENTS:	1327	645	650		Tr.				
		Dk. grey greywacke. Few narrow porphyry dikelets	1320	650	654.5		Tr.				
			1328	654.5	659.5		Tr.				
673	805	FELDSPAR PORPHYRY:									
		Pink. Lt. silicification. 1% quartz stringers	1321	665.4	666.5		Nil				
		1/2% pyrite. Minor leaching	1329	672.4	675		Tr.				
		740 - 745 Lt. shear at 45°	1332	675	680		.005				
		748 - 754 Brick Red	1333	680	685		Tr.				
805	824	DIORITE:	1334	685	690		Tr.				
		F.g. Dk. grey	1335	690	695		Tr.				
		803 - 808 Small blue quartz blebs, 1/2% pyrite	1336	695	700		Tr.				
		805 - 806 5% pyrite	1337	700	705		Tr.				
		808.5 2" porphyry dike	1338	705	710		Tr.				
		815 - 817 Minor pink feldspar addition	1339	710	715		Tr.				
		823 - 824 Lt. silicification. 5% pyrite	1340	715	720		.005				
824	849	FELDSPAR PORPHYRY:	1341	720	725		.005				
		Pink - grey Lt. silicification, 1/2% pyrite	1347	725	730		.005				
		830 - 832.5 Dark grey f.g. sheared diorite	1348	730	735		Nil				
		835 - 838 " " " " " , sheared at 70°	1349	735	740		Tr.				
		840 - 848 " " " " "	1350	740	745		Tr.				
849	900	SEDIMENTS:	1351	745	750		Tr.				
		Grey siltstone and greywacke. 850-865 lt. silicification.	1352	750	755		Tr.				

D. K. Mantle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY ..... KELAPTIC TOWNSHIP .....

SHEET NUMBER ..... 4 .....

DIAMOND DRILL RECORD

HOLE NUMBER ..... M - 23 .....

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.
		Minor brown alteration. 1% pyrite, 875-878									
		1/2% pyrite	1353	755	760		Tr.				
			1354	760	765		Tr.				
			1355	765	770		Tr.				
			1356	770	775		Tr.				
			1357	775	780		.005				
			1358	780	785		Tr.				
			1359	785	790		Tr.				
			1360	790	795		Tr.				
			1361	795	800		.005				
			1362	800	805		Tr.				
			1363	805	806.1		.005				
			1364	806.1	809.3		Tr.				
			1365	815	817.2		Nil				
			1366	822.6	823.9		.02				
			1367	825.9	825		Tr.				
			1368	825	829.6						
			1369	832.2	835.3		Tr.				
			1370	837.6	840		Tr.				
			1371	843.5	849.1		Tr.				
			1372	860	865		.005				
			1373	875	878.5		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 26

TOTAL DEPTH 700

WORKING PLACE

SECTION 4

LOGGED BY D. K. Heikis

DATE FINISHED April 6/63

CO-ORDINATES COLLAR

LAT. N— 3300 DEP. E— 600

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 ' 43 °

AT 500 ' 41 °

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	152	CASING:									
152	318.5	SEDIMENTS:									
		152 - 176 Dk. grey siltstone and greywacke. Accessory pyrite.									
		175 Beds at 70° to core									
		176 - 250 Iron Formation	1250	208.6	213.4		.02				
		176 - 217 5% Fe. Grey. Acc. pyrite assoc. with quartz carbonate									
		stringers and magnetite rich bands	1251	246.1	247.3		.005				
		208 - 213.4 Lt. silicification, 1% pyrite									
		217 - 232 20% Fe.									
		232 - 250 10% Fe.	1252	273.3	278.4		Tr.				
		Few pink and white calcite seams									
		246 - 247 2% pyrite									
		250 - 318.5 Grey siltstone, minor greywacke. Few quartz carbonate	1253	299.8	305.8		Tr.				
		pyrite stringers. Minor lt. silicification.									
		276 Beds at 73°									
		300 - 301 1/2" quartz vein, 5% coarse pyrite cubes									
		307.8- 308 Feldspar porphyry dike									
		308.5- 309.5 " " "									
		311.1- 312.5 " " "									
		312.5- 318.5 Grey siltstone. Lt. silicification, 1% pyrite									
			1254	307.1	312.5		Tr.				
318.5	338	FELDSPAR PORPHYRY	1255	312.5	318.3		Tr.				
		C.g., mainly pink, minor lt. silicification	1256	318.3	320		.005				
		2% quartz, 1/2% pyrite	1257	320	325		Tr.				
			1258	325	330		.005				
338	700	SEDIMENTS:	1259	330	335		Tr.				
		Grey siltstone. Accessory pyrite. Minor lt. silicifi-									
		cation	1260	335	338.1		.01				
		338 - 340 1/2% pyrite	1261	338.1	340		Tr.				
		338 ~~Beds~~ Beds at 60°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 26

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.
		440 Beds at 65°									
		530 Beds at 62°	1262	370	560		Tr.				
511.5	514	Grey feldspar porphyry dike. Silicified, accessory pyrite	1263	560.5	565.5		.035				
		599 Beds at 60°									
654	655	Lt. silicification, minor brown alteration, 2% pyrite	1264	420	421.4		Tr.				
		670 Beds at 69°	1266	668.6	671		Nil				
672	674.5	Several quartz, pyrite stringers									
			1273	511.4	514.2		Tr.				
			1274	654	655		Tr.				
			1275	672.5	674.6		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M-37

TOTAL DEPTH 1210.5

WORKING PLACE

SECTION 8

LOGGED BY B. K. McAvie

DATE FINISHED April 22nd, 1965

CO-ORDINATES COLLAR

LAT. N— 3960 DEP. E— 600

TO COLLAR 898

BEARING South

ANGLE 50°

DIP TESTS (TRUE DIPS)

AT 250 39°

AT 500 34½°

AT 750 30½°

1000 29½

1200 28

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	125	CASING:									
125	143	VOLCANICS:									
		Andesite and porphyritic andesite, green									
143	154	DIORITE:									
		Green, M.g. C.G. speckled									
154	329	VOLCANICS:									
		Lt. grey-green. Mainly andesite, minor tuff. Acc. pyrite									
		165' Low shear at 55°									
		215 - 220 10% biotite specks									
		240 Low shear at 65°									
		299 - 304 Medium shear	1269	300	305		.005				
329	458	DIORITE:									
		M.G.-C.G. 1-4% magnetite. Green - grey in part	1270	348.4	352.3		.005				
		Some lt. silicification; Acc. pyrite	1271	352.3	356.5		.005				
		348 - 357 Medium silicification, blue-grey, 1% pyrite									
		365 Lt. shear at 70°									
		371 - 393 F.g. in part, possibly volcanics.									
		425 - 432 " " " " "									
		442 - 458 " " " " "									
458	473	VOLCANICS:									
		Tuff and andesite. Dk. grey-green. Non magnetic,									
		Acc. pyrite.									
		462.8- 464.2 White quartz vein	1276	462.6	464.5		Tr.				
473	506	DIORITE:									
		M.G. speckled green									
506	530	VOLCANICS:									
		Lt.(green) grey-green. Sheared andesite and tuff and									
		porphyritic andesite. Sheared at 62°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 27

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.
530	551	DIORITE:									
		Grey - dark grey. M.C. diorite. sheared at 60°									
		Appears to be some dk. grey siltstone inclusives.									
		1/2% pyrite. Blocky drilling.									
551	598	SEDIMENTS:									
		551 - 588 Lt. grey conglomerate - medium silicification. 1/2%									
		pyrite. Beds at 65°. Blocky drilling. 80% core									
		recovery	1381	577	578.5		Tr.				
		588 - 598 Dk. grey siltstone. Few pebbles. Blocky drilling									
		50% core recovery.									
598	635	DIORITE:									
		Dark grey. Acc. - 1% magnetite. F.G. Blocky									
		drilling. Ground core from 606-615; 616-625; 626-632;									
		633-639.									
635	835	SEDIMENTS:									
		Grey siltstone. 642 Beds at 75°; 647 beds at 76°.									
		Minor lt. silicification. Acc. pyrite.									
		Blocky drilling. Ground core from 645-654; 656-679;									
		721-736; 759-773; 782-795; 797-800; 802-810.									
		777 Beds at 78°.									
		820 - 822 Very highly silicified sediments. 2% pyrite	1377	820	821.7		.02				
			1378	821.7	825		.005				
			1379	825	826.6		.01				
		822 - 826.5 Quartz vein, Acc. pyrite	1380	826.6	830		.04				
		826.5- 835 1% pyrite	1381	830	835.2		.02				
			1382	835.2	840		Tr.				
835	844.5	FELDSPAR PORPHYRY:	1383	840	844.6		.01				
		Lt. pink-grey. Medium silicification, 1% pyrite									
844.5	853	DIORITE:									
		Dk. grey massive f.g. gabbroic.									
853	873	[illegible]TE:									
		Dk. grey iron formation. Fe 10%									
		852 - 873 Lt. silicification, grey feldspar addition.	1384	862.3	865		Tr.				
		1% pyrite	1385	865	870		Tr.				

D. F. Kerr

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....GALANTIC SYNDICATE.....

SHEET NUMBER.....5.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M.-27.....

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.
873	884.5	ALTERED DIORITE:	1386	870	873.4		Tr.				
		873 - 875 Dk. grey gneissic diorite. Sheared at 52°	1387	873.4	875		Tr.				
			1388	875	878.7		.01				
		875 - 878.5 Diorite almost completely altered to feldspar	1389	878.7	881.1		.005				
		porphyry	1390	881.1	884.5		.01				
		878.5- 881 Gneissic diorite	1391	884.5	890		Tr.				
		881 - 884.5 Porphyritized diorite	1392	890	895		.005				
884.5	938.5	FELDSPAR PORPHYRY:	1393	895	900		.003				
		Lt. pink-grey. Lt.-mod. silicification	1398	900	905		.05				
		1% quartz stringers, 1/2% pyrite. Few patches of not	1399	905	910		Tr.				
		quite completely absorbed sediments	1400	910	915		.005				
938.5	1002.5	SEDIMENTS:	1401	915	920		.02				
			1402	920	925		.04				
		938.5-939.5 Iron Formation. Black	1403	925	930		.03				
		1% pyrite. Beds at 75°	1404	930	935		.02				
		939.5- 958.4 Feldspar porphyry	1405	935	938.7		.005				
		939.5- 1001.5 Lt. grey siltstone and greywacke, minor f.g. diorite dikes	1406	938.7	940		Tr.				
		1002.5- 1002.5 Feldspar porphyry	1407	952.4	955.8		.03				
1002.5	1028	DIORITE:	1448	957.8	958.7		.005				
		F.g.- M.g. green									
		1010 - 1012 Feldspar porphyry	1449	1001.2	1002.9		Tr.				
1028	1107	SEDIMENTS:	1450	1009.2	1011.3		Tr.				
		Grey siltstone									
		1028 - 1029 Iron formation. Beds at 75°	1458	1058	1064.2		Tr.				
		1031 - 1032 Iron "									
		1058 - 1060.5 Pink feldspar porphyry dike	1472	1095	1098.3		.05				
		1062 - 1064 " " " "									
		1093 Beds at 55°									
		1095 - 1096 Lt. silicification, 1% pyrite									
		1104 - 1107 Minor porphyry dikes	1473	1104.2	1107		.01	.01			
1107	1118	FELDSPAR PORPHYRY:	1474	1107	1110		Tr.				
		Pink. Lt. silicification. 1/2% pyrite	1475	1110	1115		.005				

B. K. Munro

CAMFLO MATTAGAMI MINES LIMITED

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

SHEET NUMBER.....8.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 27.....

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.
1116	1147	SEDIMENTS:	1476	1115	1116.3		Tr.				
		1116 - 1122 Dk. grey siltstone. 1/2% pyrite	1477	1116.3	1121.7		.01				
		1122 - 1129 Highly silicified, minor feldspar addition, some	1478	1121.7	1125	3.3	.09	.08		.085	
		Brown alteration	1483	1125	1129.6	4.3	.14	.10		.12	
		2% pyrite	1545	1129.6	1130.7						
		1129 - 1147 Dk. grey siltstone, beds at 75°									
1147	1179	FELDSPAR PORPHYRY:	1484	1147.2	1148.1		.008				
		Lt. grey-grey. Medium silicification, 1/2% pyrite	1485	1148.1	1153.2		Tr.				
		Some sericite suggests incompletely digested sediments	1486	1153.2	1156.7		Tr.				
		in places	1487	1156.7	1160		Tr.				
		1153 - 1157 Dk. grey siltstone	1488	1160	1165		Tr.				
		1178 - 1179 Pink feldspar porphyry. Few large pyrite cubes	1489	1165	1170		Tr.				
			1490	1170	1175		Nil				
1179	1210.5	SEDIMENTS:	1491	1175	1178		Tr.				
		Dk. grey siltstone. Minor greywacke	1492	1178	1179.3		.004				
		Beds at 68°									

B. K. Mackie

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....GALETTO TOWNSHIP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 20.....

TOTAL DEPTH.....492.....

WORKING PLACE.....

SECTION.....11.....

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

DATE FINISHED..April 20th, 1953

CO-ORDINATES COLLAR "0000

LAT. N—.....3000..... DEP. E—1100

TO COLLAR.....

BEARING.....North.....

ANGLE.....65°.....

DIP TESTS (TRUE DIPS)

AT...280.....65.....°

AT...500.....64½.....°

AT...250.....63.....°

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	115	CASING:									
115	123	FELDSPAR PORPHYRY:									
		Lt. pink, medium silicification. 1/2% pyrite	1342	115.2	115.7		.01				
		115 - 116 Highly silicified	1343	115.7	116.9		.06	.06			
		116 - 119 Highly altered diorite - much quartz and pink feldspar	1344	116.9	121.9		.04				
		addition. 10% pyrite	1345	121.9	122.7		.02				
		122 - 123 Highly altered sediments. Much pink feldspar addition									
		1% pyrite									
123	392	SEDIMENTS:									
		123 - 132 Conglomerate - 10% pebbles up to 1" in diameter. Grey									
		Beds at 55°									
		132 - 190 Magnetite iron formation									
		132 - 161 20 - 25% fe. Beds at 28°									
		161 - 190 10% Fe									
		190 Grey siltstone and greywacke. Minor irregular grey									
		feldsper addition									
		235 - 238.5 Quartz vein	1345	234.8	239.5		Nil				
		244 Beds at 38°									
		300 Beds at 26° - few pink and white calcite, quartz vein	1374	377.2	382.6		.005				
		377 - 382 Few quartz veins, 1% pyrite	1375	382.6	388.8		.04				
382	389	FELDSPAR PORPHYRY:	1376	388.8	392.3		.01				
		Lt. grey - pink. Medium silicification. 1% pyrite	1394	496.1	497		.02				
389	492	SEDIMENTS:									
		Grey greywacke, f.g. Minor siltstone									
		389 - 392 Lt. silicification. 1% pyrite									
		398 Beds at 15°									
		457 " " 38°									
		491 - 492 Feldspar porphyry dikes									
492	513	DIORITE:									
		Dk. grey. f.g.-m.g. Massive									

S. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M.M.28.....

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.
515	535	SEDIMENTS:	1395	515	516.3		Tr.				
		Grey siltstone, some greywacke									
		518 - 516 Feldspar porphyry	1396	516	527.3		.08	.06	.07		
		523 Beds at 38°									
		525 - 527 Lt. silicification, 1% pyrite									
535	564	DIORITE:									
		Dk. grey, m.g. s.g.	1397	540.4	541.7		Tr.				
		540 - 541 Feldspar porphyry									
		545 - 552 Dk. grey siltstone									
		552 - 564 Dk. grey f.g. m.g. diorite, low shear									
		562.5- 563 Feldspar porphyry									
564	624	FELDSPAR PORPHYRY:	1407	552.5	564.2		Tr.				
		Pink, Lt. silicification, 1/2% pyrite, 1% quartz	1419	564.2	570		.04				
		feinlets, having no pronounced particular orientation	1408	570	575		Tr.				
			1420	575	580		.02				
		619 1" white quartz vein nearly paralleli to core contains	1409	580	585		.008				
		1 large speck of gold	1421	585	590	5.	.22	.12	.18		
		620 - 621.5 Broken bits and pieces of quartz and porphyry. One	1410	590	595	5.	.006				
		large speck of gold seen in quartz (appears to be a	1422	595	600	5.	.04				
		fracture filling)	1411	600	605	5.	.18	.12	.15		
624	631	SEDIMENTS:	1423	605	610	5.	.03				
		Dk. grey siltstone	1412	610	615	5.	.02				
631	724	FELDSPAR PORPHYRY:	1424	615	618.7 621.6	3.7	.02 .26	5.16	1.00		
		621 - 641 Brick red with 4% small white quartz veins. 2% pyrite	1413	618.7	621.6 623.9	2.9	6.94	5.16	1.00		
		some coarse cubes	1425	621.6	623.9	2.3	.06				
		632 1½" white quartz vein, 25% pyrite in two large masses.	1414	623.9	626	2.1	.02				
		Much v.g., mainly along margin of vein. In a crack but	1426	630	630.8	.8	.02				
		also in the porphyry	1415	630.8	632.2	1.4	9.00	9.12	1.00		
		634.5 Four small specks of gold in 1/4" quartz vein	1427	632.2	634	1.8	.04				
			1416	634	635	1.0	.58	1.56	1.00	.66	Check 1.38
		637 1" quartz vein 50% large mass of pyrite	1428	635	639.2	3.2	.11	.12	.115		
		639.9 Numerous specks of gold in a cluster	1417	639.2	640.8	1.6	.60	.66	.63		

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 28.....

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.
		in porphyry	1429	640.8	645	4.2	.005				
		640.5- One speck of gold in porphyry	1428	645	650	5.	.07	.08	.075		
		641 - 651 Lt. grey-pink sediments (?) almost completely altered to	1430	650	655	5.	.40	.40	.40		
		porphyry	1439	655	657.8	2.8	.24	.17	.205		
		651 - 659 Lt. grey, 2% pyrite, 4% quartz veinlets, medium	1431	657.8	659	1.2	.13	1.00	.60	.12 Mix	1.03 .66
		silicification	1440	659	660	1.	.04				
		658.5 Cluster of specks of gold in a quartz calcite veinlet	1432	660	665	5.	.02				
		2" wide	1441	665	670	5.	.08	.08	.08		
		659 - 665 Lt. grey, medium silicification,	1433	670	675	5.	.02				
		1/2% pyrite	1442	675	680	5.	.25	.05	.11	.33 .04	.02
		665 - 724 Lt. gy pink-grey, Lt. silicification	1434	680	685	5.	.04				
		1% quartz veinlets, 1/2% - 1% pyrite	1443	685	690	5.	.22 .03	.03	.09	.02 .21	.02
724	754	HIGHLY ALTERED SEDIMENTS:	1435	690	695	5	Tr.				
		Lt. grey, much silicification, some feldspar addition	1444	695	700		.01				
		1/2% - 1% pyrite. Almost completely altered to porphyry	1436	700	705		.005				
			1445	705	710		.02				
754	898	SEDIMENTS:	1437	710	715		.04				
		Grey siltstone	1446	715	720		.02				
		754 - 758 Some silicification, 5% pyrite in disseminated cubes. Much	1438	720	725		.04				
		sericite and some brown alteration.	1451	725	730		.01				
		Beds at 60°	1452	730	735		.05				
			1453	735	740		.02				
		972 Beds at 40°	1454	740	745		.02				
		788 - 793 Feldspar porphyry dike	1455	745	750		Tr.				
		Lt. pink. Highly silicified. Acc. pyrite	1456	750	753.9		.01				
		801.5- 807 Very highly altered sediments almost feldspar porphyry	1457	753.9	758	4.1	1.10	.28	.25	.38	.34
		Lt. grey. Acc. pyrite.	1482	758	760		.03				
		846 Beds at 42°	1479	787.8	793.5		.02				
			1480	793.5	795		.02				
			1481	801.5	807.3		Tr.				

B. V. Hamilton

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 28

TOTAL DEPTH 564.5

WORKING PLACE

SECTION 14

LOGGED BY R. K. Meikle

DATE FINISHED April 22, 1963

CO-ORDINATES COLLAR

LAT. N— 3300 DEP. E— 1400

TO COLLAR

BEARING South

ANGLE 45°

DIP TESTS (TRUE DIPS)

AT 250 ' 42½ °

AT 360 ' 33 °

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	23	CASING:									
23	53	VOLCANICS:									
		Mainly andesite, some tuff. Green Lt. shear at 64°									
53	167	DIORITE:									
		M.g. - C.g. speckled green. Acc. 1% pyrite magnetite									
		Acc. pyrite.									
		148 - 149.5 Quartz, calcite, tourmaline veinlets Grey.									
167	299	VOLCANICS:									
		Andesite and porphyritic andesite, Green. Minor tuff									
		and agglomerate. 152 Lt. shear at 70°									
		Some epidote alteration.									
299	328	SEDIMENTS:									
		299 - 300 Chertz siltstone. Lt. grey. Beds at 64°									
		300 - 328 Grey siltstone. 2 - 5% magnetite associated with chertz									
		bands.									
328	345	DIORITE:									
		Grey-green. M. f.g.-m.g. 2-5% magnetite									
345	360	SEDIMENTS:	1536	350	351.1		Tr.				
		Grey siltstone and greywacke. f.g.	1459	351.1	356.1	5.	.12	.13	.125		
		Some beds finely laminated and contain up to	1537	356.1	357.6		Tr.				
		10% pyrite	1460	357.6	359.5	1.9	.11	.12	.115		
		Beds at 75°. 2 - 5% magnetite	1538	359.5	360.9		Tr.				
360	412	DIORITE:									
		Grey. Lt. silicification. Acc. pyrite. 2-5% magnetite	1461	368	370		.01				
		M.g.-C.g.									
412	417	SEDIMENTS:									
		Grey siltstone. Altered. Lt. silicification	1462	416.5	419.4		.02				
		1/2% pyrite	1463	419.4	422.8		.005				
			1464	422.8	425		.02				
417	446	SILICIFIED DIORITE:	1465	425	427.8		.04				
		Lt. blue-grey. Lt.-med. silicification	1466	427.8	430.8		.03				
		2% pyrite. M.g.-C.g. 1% magnetite	1467	430.8	433.4		.06				

R. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: MALARTIC TOWNSHIP

SHEET NUMBER: 2

HOLE NUMBER: M - 29

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.
446	564.5	SEDIMENTS:	1468	433.4	438.3		.01				
		446 - 534.5 Lt. grey conglomerate. Lt.- high silicification.	1469	438.3	443.4		Tr.				
		10% pebbles. Minor pink feldspar alteration. Acc.	1470	443.4	446.2		Tr.				
		pyrite	1471	446.2	448.5		.02				
		534.5- 564.5 Lt. grey-grey siltstone, 1% biotite specks	1539	531.9	533.2		.01				
			1493	533.2	534.7	1.5	.12		.12		
		442.5 1" quartz vein contains 10% pyrite in coarse									
		cubes	1494	542.1	542.6		Tr.				
		534.5- 538.5 Minot magnetite bands. Beds at 70°									

B. K. Mitchell

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 20

TOTAL DEPTH 1089

WORKING PLACE

SECTION 14

LOGGED BY D. K. Meikle

DATE FINISHED May 12, 1963

CO-ORDINATES COLLAR

LAT. N— 3950 DEP. E— 1400

TO COLLAR

BEARING South

ANGLE 55°

DIP TESTS (TRUE DIPS)

AT 250 44 °

AT 500 39 °

AT 750 36 °

1000 39½

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	52	CASING:									
52	440	VOLCANICS:									
		52 - 83 Grar green porphyritic andesite									
		83 - 135 Lt. grey-green. Some tuff, some agglomerate and andesite. Much quartz, carbonate, grey feldspar									
		123 Lt. shear at 63°									
		155 - 225 Recrystallized tuff and andesite, 5% biotite specks									
		224 Lt. shear at 69°									
		225 - 300 Lt. grey-green tuff and andesite, 2% biotite specks									
		270 Lt. shear at 61°									
		300 - 395 Lt. grey-green tuff and andesite, 5% biotite specks									
		362.9 - 382 Lt. silicification, some feldspar	1548	360.9	362		Tr.				
		1% pyrite									
		381 - 382 Few large pyrite crystals	1549	381.5	382.5		Tr.				
		395 - 440 Dk. grey-green tuff, agglomerate and andesite									
440	496	DIORITE:									
		M.g., dk. green. Acc. 1% magnetite									
		457.5- 462.5 Lt. silicification, 1% pyrite	1552	457.6	462.6		Tr.				
496	510	VOLCANICS:									
		Dk. grey-green andesite and tuff. Lt. shear at 72°									
510	521	DIORITE:									
		Dk. grey-green. Lt. shear									
521	580	VOLCANICS:									
		521 - 540 Mainly andesite									
		540 - 580 Agglomerate									
		543 - 549 Quartz veins, 1% pyrite, accessory chalcopyrite	1553	542.6	545.6		Tr.				
			1554	545.6	549.3		Tr.				
		555 - 580 F.g.-m.g. Andesite possibly diorite. Lt. shear at 62°									
		572 - 575 Quartz vein	1555	572.3	575.2		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 30

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.
580	611	DIORITE:									
		Lt. shear. Accessory magnetite									
		586 - 588 Lt. silicification. 1/2% pyrite	1556	586.1	588.1		Tr.				
611	780	VOLCANICS:									
		Mainly grey-green andesite									
		649.5- 651 Quartz vein	1557	649.2	653		Tr.				
		652 - 652.5 5% pyrite									
		676 Lt. shear at 69°									
		683 - 715 Porphyritic andesite and andesite									
		704 - 710 Lt. silicification. 1/2% pyrite									
		715 - 724 Tuff. Beds at 65°									
		724 - 760 F.g. andesite. Acc. -1% magnetite									
		760 - 780 Dk. grey-green. Mainly tuff. Beds at 65°									
780	820	DIORITE:									
		F.-g. m.g. Green. 2-3% magnetite. Acc. pyrite	1561	787.6	790		Tr.				
		788 - 790 1% pyrite									
820	837	SILICIFIED DIORITE:	1563	820	825		Tr.				
		M.g. Lt. grey. 1% pyrite	1587	825	826.4		Tr.				
		826 - 831 Medium silicification, some calcite and grey feld-	1588	826.4	831.2	4.8	.15	.16	.16		
		spar 1% pyrite	1589	831.2	834.8	3.6	.34	.30	.32		
		831 - 835 Very highly silicified. 5% pyrite	1590	834.8	837.3	2.5	.06	.08	.07		
		835 - 837 Moderate silicification. 2% pyrite	1591	837.3	840		.01				
837	911	SEDIMENTS:	1592	840	842.7		Tr.				
		837 - 857 Lt. grey highly silicified conglomerate. Minor									
		pink feldspar	1593	851	852.9		Tr.				
		857 - 842 1% pyrite									
		857 - 880 Grey conglomerate, siltstone matrix	1594	855	857.2		.03				
		875 - 872 Feldspar porphyry dike	1595	863.2	865		.01				
		876 - 879 Pink feldspar alteration. Minor porphyry dikes	1596	870.9	872.9		.01				
		880 - 911 Grey conglomerate, greywacke matrix	1605	878.3	879		Tr.				
		891 - 895 Several small porphyry dikes. 2% pyrite	1604	890.3	895		.03				

B. V. Mackie

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 30.....

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.
		910 3" porphyry dike. Few 2" pebbles of porphyritic andesite and other volcanic rocks.									
			1605	910	911.2	1.2	.02				
911	932	FELDSPAR PORPHYRY:	1606	911.2	915	3.8	.12	.11	.115		
		Pink, 2% quartz stringers. 1-2% pyrite. Few coarse cubes from 911-920 mainly associated with quartz stringers.	1607	915	920	5.	.14	.14	.14		
			1608	920	925		.02				
			1629	925	930	5.	.15	.12 .17	.15		
			1630	930	931.8		.04				
932	1009.5	SEDIMENTS:	1631	931.8	935		.005				
		932 - 946 Grey conglomerate	1632	935	937.2		.01				
		935 - 937 Quartz vein, 1% pyrite	1633	937.2	940		.005				
		937 - 940 Few small porphyry dikes. Some calcite veinlets	1634	946	947.6		.06				
		Ground core from 941 - 943									
		946 - 947.5 10% pyrite, minor porphyry dikes	1635	973.2	975		Tr.				
		947.5 - 948.5 Ground core	1771	990	991		Tr.				
		948.5- 1009.5 Magnetite iron formation	1659	991	994.7	3.7	.12	.13	.125		
		30% iron. Strongly drag folded. Very minor hematite	1772	994.7	995.7		Tr.				
		Ground core, 954-955; 957-958; 962-965; 965-969;									
		972-973; 978-979; 980-981; 984-985; 987-988.									
		974 2" porphyry dike									
		991 - 995 Several porphyry dikes, 2% pyrite									
		998 Beds at 65°	1676	1000	1001.2		.04				
		1000 - 1001 5% pyrite	1773	1006.3	1008.3		.01				
		1008 - 1009.5 15% pyrite	1677	1008.3	1009.6	1.3	.16				
1009.5	1032	FELDSPAR PORPHYRY:	1678	1009.6	1015		.02				
		Pink-grey. Lt. silicification	1679	1015	1020		.01				
		2% quartz stringers, 1/2% pyrite	1680	1020	1025		.01				
			1681	1025	1030		.04				
1032	1087	SEDIMENTS:	1682	1030	1032.4		.04				
		Dk. grey siltstone and greywacke. Beds at 46°	1683	1032.4	1035.8		.005				
		1032 - 1036 1% pyrite.									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 31

TOTAL DEPTH 1246

WORKING PLACE

SECTION 10

LOGGED BY B. K. Meikle

DATE FINISHED May 15, 1963

CO-ORDINATES COLLAR

LAT. N— 3950 DEP. E— 1000

TO COLLAR

BEARING South

ANGLE 50°

DIP TESTS (TRUE DIPS)

AT 250 ' 43 °

AT 500 ' 37½ °

AT 750 ' 31½ °

1000 31°

1250 29°

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	75	CASING:									
75	368	VOLCANICS:									
		Lt. green, f.g.-m.g. recrystallized tuff and andesite									
		5% biotite specks. Acc. pyrite.									
		Lt. shear. 100' - 67°, 158'-63°, 240'-65°, 320'-66°									
		326 - 368 Lt. green tuff and andesite.									
368	509	DIORITE:									
		M.g. Grey-green. Minor lt. silicification, Acc.									
		pyrite. 1-3% magnetite.									
		383 - 386 1% pyrite	1546	383.3	386		Tr.				
		392 - 396 1% pyrite	1547	392.4	395		Tr.				
		400 - 450 Minor volcanic inclusions. Acc. magnetite.									
		450 Lt. shear at 60°									
		499 - 504 Lt. silicification. Grey. 1-2% pyrite.	1550	499.2	500.2		Tr.				
		499-500 10% pyrite	1551	500.2	504.2		Tr.				
509	634	BIH VOLCANICS:									
		509 - 526 Dk. grey-green andesite. Some diorite dikes. Lt.									
		shear at 69°									
		526 - 575 Dk. grey-green andesite. Acc. magnetite. Minor									
		porphyritic andesite									
		575 - 634 2% magnetite. Dk. green									
634	655	DIORITE:									
		Dk. grey. M.g.-C.g. Very blocky drilling. Could be									
		a dirty grit. Acc. pyrite. 8% magnetite. Lt. shear									
		73°									
655	830	SEDIMENTS:									
		Grey siltstone, very minor greywacke									
		655 - 667 Magnetite iron formation. Fe 10%. Bdg. Beds at 75°									
		Ground core 657-693; 697-702; 707-712									
		724 - 725 Lt. brown alteration. 5% pyrite	1559	724	725.2	1.2	.09				
		755 Beds at 77°	1565	756.2	756.9		.02				
			1566	756.9	761.6		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY..... KALARTIC TOWNSHIP .....

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

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 31 .....

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.
		763 - 764 5% pyrite in coarse cubes associated with inter-	1587	761.6	762.6		Tr.				
		banded quartz and argillaceous material	1560	762.6	763.6	1' Average of 3	0.41				
		822.6 2" porphyry dike	1588	763.6	765		Tr.				
		824 1" " "	1589	765	767.8		Tr.				
			1570	767.8	770		Tr.				
		828 4" " "	1571	770	773.4		Tr.				
		828 1/2" " "	1572	773.4	775		Tr.				
830	848	DIORITE:									
		Dk. grey. f.g.	1564	802.1	824.2		Tr.				
848	860.4	SEDIMENTS:									
		Grey siltstone, minor silicification, few narrow	1573	865	826.3		Tr.				
		dikes of porphyry.									
		857.5- 860.4 1% pyrite	1574	852.6	855		Tr.				
860.4	869	FELDSPAR PORPHYRY:									
		Lt. grey. Medium silicification, 1% pyrite	1575	857.7	860.4		Tr.				
			1576	860.4	865		.02				
869	887.5	SEDIMENTS:	1577	865	869.2		.005				
		Altered siltstone. Rusk brown alteration,	1578	869.2	872.6		.02				
		numerous quartz veins. 5% pyrite	1579	872.6	877.2		.01				
		880 - 887.5 Dk. grey siltstone 1/2% pyrite	1580	877.2	880		.01				
			1581	880	882.8		.01				
887.5	997.5	FELDSPAR PORPHYRY:	1582	882.8	888		.01				
		Pink, Minor lt. silicification	1583	888	891.8	3.8	.54	.76	.65		
		887.5- 900 5% quartz stringers, 1/2 - 1% pyrite	1584	891.8	892.9	1.1	1.50	1.38	1.00		
			1585	892.9	895		.005				
		892.4 3" quartz vein contains small inclusions of porphy-	1586	895	898.9		.02				
		ry and in a fracture in this is a platey grey	1598	898.9	905		.02				
		metallic telluride with some native gold	1599	905	910		.01				
			1600	910	920 915		.005				
		900 - 997.5 1/2% pyrite, 1% quartz stringers	1601	915	920		.005				
		924 A 1" quartz albite vein contains a speck of	1602	920	925		.02				
		grey telluride	1609	925	930		.01				
			1610	930	935		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY KALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER N - 31

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.
997.5	1036.5	SEDIMENTS:	1611	935	940		.02				
		Dk. grey siltstone	1612	940	945		.02				
		1008 - 1011 Porphyry dike	1613	945	950		Tr.				
		Much secondary biotite developed in the sediments	1614	950	955	5.	.10	.08	.10	.095	
		and in part resembles what has been called gabbroic	1615	955	960		.02				
		~~texture~~ diorite.	1616	960	965		.06	.08	.10	.08	
		1019 Beds at 40°	1617	965	970		.09	.04	.08	.07	
		1034- 1035 Small porphyry dike and quartz vein. 2% pyrite	1618	970	975		.02				
			1619	975	980		.01				
1036.5	1090.5	FELDSPAR PORPHYRY:	1620	980	985		.005				
		Pink-grey. 2% quartz stringers	1621	985	990		.04				
		1% pyrite	1622	990	993.9		.02				
		1038.6- One speck of gold in the porphyry	1623	993.9	995	1.1	.30				
		1/8" from contact	1624	995	997.7	2.7	.18	.14	.16	.17	
		1086 @ 1087.5 Dk. grey siltstone	1625	997.7	1000		.005				
			1660	1000	1003.5		.04				
			1626	1003.5	1004.6		.10				
1090.5	1100.5	SEDIMENTS:	1627	1007.8	1011.3		Tr.				
		Dark grey greywacke	1628	1013.5	1014.6		Tr.				
1100.5	1137	FELDSPAR PORPHYRY:	1640	1033.9	1033.4		.02				
		Pink, 1% quartz; 1/2% pyrite. In part includes some	1641	1036.6	1037.6	1.2	1.56	1.65	1.0		
		remnants of incompletely digested sediments	1642	1037.6	1040		.05				
			1643	1040	1045		.02				
		1106.5- 1110 Sheared greywacke at 65°	1644	1045	1050	5.	.14	.18	.16		
		2% pyrite	1661	1050	1055		.06				
1138	1157	SEDIMENTS ALTERED:	1662	1055	1060		.02				
		1137 - 1141 Almost completely digested sediments in porphyry	1663	1060	1065		Tr.				
		1/2% pyrite	1664	1065	1070		Tr.				
		1141 - 1145 Sediments partly altered to porphyry.	1665	1070	1075		Tr.				
		1/2% pyrite	1666	1075	1080		.01				
		1145 - 1152 Altered sediments. Some silicification, minor feld-	1667	1080	1085.6		.01				
		spar addition. Minor brown alteration. 2 - 4% pyrite	1668	1085.6	1090.6		Nil				
			1669	1090.6	1092.8		Nil				
		1152 - 1156 Sediments partly altered to porphyry 1/2% pyrite									

J. V. Martin

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 31.....

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.....'.....o

AT.....'.....o

AT.....'.....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.
		1156 - 1157 Silicified sediments	1670	1096	1100.5		Nil				
1157	1167	FELDSPAR PORPHYRY:	1671	1100.5	1106.3		Tr.				
		Lt.-grey - medium silicification	1672	1106.3	1110		Tr.				
		1/2% pyrite	1673	1110	1115		Tr.				
			1674	1115	1120		Tr.				
1167	1192	ALTERED SEDIMENTS:	1675	1120	1125		.02				
		1167 - 1171 Lt. silicification, 1/2% pyrite	1694	1125	1130		.06				
		1171 - 1176 Brown alteration, 2-5% pyrite	1695	1130	1135		.04				
		1171 - 1172 Quartz vein	1696	1135	1137.3		.02				
		1176 - 1179 Silicified sediments, 1/2% pyrite,	1697	1137.3	1141.3		.02				
		6" quartz vein	1698	1141.3	1144.8		.01				
		1179 - 1189 Brown alteration, 5% pyrite	1699	1144.8	1147.1		.07				
		Medium silicification. Much carbonate and sericite	1700	1147.1	1151.9		.05				
			1701	1151.9	1156		Tr.				
		1189 - 1192 Brown alteration, 1/2% pyrite	1702	1156	1157.4		.03				
1192	1215	SEDIMENTS:	1703	1157.4	1162.3		Tr.				
		Dark grey siltstone. Acc. 1% pyrite	1704	1162.3	1167.7		Tr.				
1215	1222.5	FELDSPAR PORPHYRY:	1705	1167.7	1171.7		.01				
		Lt. grey, moderately silicified. 1/2% pyrite	1706	1171.7	1174.2	2.5	.27	.27	.27		
		1% quartz stringers	1726	1174.2	1176.3	2.1	.56	.55	.555		
1222.5	1245	SEDIMENTS:	1727	1176.3	1179.2	2.9	.01				
		Dk. grey siltstone. Beds at 65°	1728	1179.2	1184.3	5.1	.24	.28	.26		
			1729	1184.3	1189.5	5.2	.06	.06	.06		
			1730	1189.5	1192.6		.03				
			1731	1192.6	1195.8		.01				
			1732	1195.8	1200		.005				
			1755	1215	1220		Tr.				
			1756	1220	1222.4		Tr.				
			1757	1222.4	1225		.01				

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 32.....

TOTAL DEPTH....1236.5.....

WORKING PLACE.....

SECTION.....12.....

LOGGED BY...B. K. Heikle.....

DATE FINISHED..May 17, 1963.....

CO-ORDINATES COLLAR

LAT. N—.....3950..... DEP. E—...1200

TO COLLAR.....

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

ANGLE.....55°

DIP TESTS (TRUE DIPS)

AT...350.....'....45.....°

AT...500.....'....37½.....°

AT...750.....'....31½.....°

1000 30½ °

1230 29½ °

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	55	CASING:									
55	375	VOLCANICS:									
		55 - 310 Lt. green. Recrystallized f.g.-m.g. andesite, porphyritic andesite, some tuff. 2 - 5% biotite specks. Lt. shear, 120'-55°; 174'-67°. 172 Narrow biotite rich seam. 247 Lt. shear at 58°									
		310 - 373 Andesite. Lt. grey, f.g.									
		315 - 327 Porphyritic andesite. 1/4" well rounded feldspar phenocrysts.									
		336 - 339 As from 315 - 327									
		353 Tuff beds at 73°									
373	563	DIORITE:									
		M.g.-C.g. Green. 2-3% magnetite. 1/2% pyrite.									
		404 - 410 Lt. silicification 1 - 2% pyrite	1558	404.3	409.6		Tr.				
		472 - 478 Foliated at 85°. Possibly inclusion of volcanics									
		484.5- 487 Quartz calcite veins, some albite. 1/2% chalco pyrite	1562	484.5	487.3		Tr.				
		548 - 549 Quartz calcite vein									
563	619	VOLCANICS:									
		Green andesite, porphyritic andesite, tuff and agglomerate.									
		563 - 565 Medium shear at 45°.									
619	672	DIORITE:									
		M.g- Grey-green. 1-2% magnetite	1597	637.3	638.3		Tr.				
		637.5- 638.5 5% pyrite									
672	682	VOLCANICS:									
		Green. Well laminated tuff. Beds at 65°									
682	710	DIORITE:									
		M.g. Dk. grey. Resembles dirty grit. Blocky drilling Ground core with bull nose bit from 692-694; 695-704; 707-718.									
710	818	SEDIMENTS:									
		710 - 720 Magnetite iron formation. 30% Fe.									
		720 - 755 Lt. pink silicified conglomerate									

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER ..... M - 32 .....

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.
		Ground core from 721-737.5; 740-750.5; 751-759; 760-776.									
		755 - 785 Magnetite iron formation. Fe 15-20%	1636	780	785		Tr.				
		785 - 818 Grey-green siltstone and greywacke	1637	785	789.2		.01				
		789 - 791 Porphyry dike	1638	789.2	792		.005				
		791 - 792 2 small porphyry dikes	1639	796.1	797.2		.005				
		814 Small quartz vein, 1% pyrite									
		816 - 818 1% pyrite	1645	812.8	814.5		.01				
818	962.5	FELDSPAR PORPHYRY:									
		Pink-grey. Lt.-medium silicification, 4% quartz	1646	815.1	818		.02				
		stringers, 1/2% pyrite	1647	818	820		.02				
		818 - 820 5% pyrite	1648	820	825		.005				
		873 - 925 More intensely fractured than most of the porphyry	1649	825	830		.01				
		1% pyrite	1650	830	835		.01				
		961.5- 962.5 Barren quartz	1651	835	840		.005				
962.5	985	DIORITE:	1652	840	845		.01				
		M.g-C.g. Green	1653	845	850		.005				
		962.5- 970 1-2% pyrite	1654	850	855		.01				
		964 - 985 1/2% pyrite. Minor silicification and pink feldspar	1655	855	860		.01				
		addition	1656	860	865		.01				
			1657	865	870		.02				
985	1107	FELDSPAR PORPHYRY:	1658	870	875		.02				
		Pink-grey. Lt. silicification, 2% quartz stringers.	1659	875	880		.005				
		Acc. fluorite from 985 - 1015	1660	880	885		.005				
		1001 Large cluster of pyrite cubes in and near a 2"	1665	885	890		Tr.				
		inclusion.	1667	890	895		Tr.				
		1025 - 1075 1% pyrite	1668	895	900		.005				
		1028.5 Few specks of grey metallic telluride	1669	900	905		.005				
		1029.5 2 Dozen small specks of gold associated with a 1/4"	1690	905	910		.005				
		quartz stringer	1691	910	915		.005				
		1031 Heavy gold in cracks and in several clusters of specks	1692	915	920		Tr.				
		in quartz and in silicified lt. pink porphyry	1693	920	925		Tr.				
			1707	925	930		.06				

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 32 .....

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	II	AVE	II SAMPLE NO.	REM.
		1023 - 1036.5 5% pyrite in coarse cubes associated with narrow	1708	930	935		.02				
		quartz stringers	1709	935	940		.01				
		1036 5 small specks of gold in a large cube of pyrite	1710	940	945	5.	.18	.01, cor .02	.07		.15 .01 .02
			1711	945	950		.03				
		1061 Heavy gold in one large and two small clusters in	1712	950	955		.02				
		narrow quartz vein	1713	955	960		.01				
		1063 2 clusters of specks of gold in porphyry well iso-	1714	960	962.6		.02				
		lated from any quartz	1715	962.6	964.2		.04				
		1099 1 small speck of gold in crack adjacent to small	1716	964.2	969.2		.02				
		quartz vein									
1107	1132	SEDIMENTS:	1717	984	985		Tr.				
		1107 - 1115 Dk. red-grey siltstone	1718	985	990	5.	.04				
		1115 - 1120 Lt. green siltstone. Some sericite, minor brown	1719	990	995	5.	.15	. .15	.15		
		alteration. 1% pyrite	1720	995	1000	5.	.60	.05 .15	.27		.65
		1120 - 1122 1% pyrite - grey siltstone	1721	1000	1005	5.	.22	.01 .05	.12		.40
		1122 - 1127 Dk. red-grey siltstone	1722	1005	1010	5.	.05				
		1127 - 1132 Dk. grey-green siltstone, 1% pyrite	1723	1010	1015		.01				
1132	1161.5	FELDSPAR PORPHYRY:	1724	1015	1020		.02				
		Lt. grey. Medium - high silicification, Some incom-	1725	1020	1025		.04				
		pletely digested sediments	1733	1025	1028.9	3.9	.38	.36	.37		
		1/2% pyrite	1734	1028.9	1030	1.1	20.70	21.06	1.00		
1161.5	1236.3	SEDIMENTS:	1735	1030	1031.3	1.3	15.70	16.10	1.00		
		Grey - dk. grey siltstone, minor greywacke	1736	1031.3	1035	3.7	.12	.12	.12		
		1161.5- 1170.5 Lt. silicification, 1/2% pyrite	1737	1035	1036.5	1.5	2.86	2.76	1.00		
		1170.5- 1173.5 Feldspar porphyry dike. Lt. silicification grey.	1738	1036.5	1040	3.5	1.44	.40	1.00		
		moderate silicification	1739	1040	1045	5.	2.84	2.56	1.00		.10, 1.67
		1208 - 1211 Minor brown alteration, 1% pyrite	1740	1045	1050	5.	.47	.65	.56		
		1217 - 1220 " " " 1% "	1741	1050	1055	5.	.08	.08	.08		
		1230 Beds at 73°	1742	1055	1060	5.	.05	.05	.05		
			1743	1060	1061.3	1.3	7.5	7.7	1.00		
			1744	1061.3	1062.3	1.0	.17	.17	.17		
			1745	1062.3	1063.4	1.1	8.18	8.10	1.00		
			1746	1063.4	1065	1.6	.30	.24	.27		
			1747	1065	1070		.03				
			1748	1070	1075		.03				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY..... ATLANTIC TOWNSHIP .....

SHEET NUMBER..... 4 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... X - 33 .....

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.
			1748	1075	1080		.03				
			1750	1080	1085		.03				
			1751	1085	1090		.01				
			1752	1090	1095		.01				
			1755	1095	1098.9		.01				
			1754	1098.9	1100		.06	.07			
			1758	1100	1101.8		.01				
			1759	1101.8	1106.7		.03				
			1761	1106.7	1108.1		.01				
			1762	1115.5	1119.8		.02				
			1763	1119.8	1122.3		.02				
			1765	1126	1127.8		.005				
			1766	1127.8	1131.5		.02				
			1767	1131.3	1135		Tr.				
			1768	1135	1140		.005				
			1769	1140	1145		.005				
			1770	1145	1150		.005				
			1774	1150	1155		Tr.				
			1775	1155	1160		.05				
			1176	1160	1161.4		.04				
			1777	1161.4	1165.6		.01				
			1778	1170.4	1173.6		.01				
			1779	1208.2	1210		Tr.				
			1780	1210	1211.3		.01				
			1781	1216.7	1220		.07				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 33

TOTAL DEPTH 1 513

WORKING PLACE

SECTION 14

LOGGED BY E. K. Meikle

DATE FINISHED June 5, 1963

CO-ORDINATES COLLAR

LAT. N— 3950 DEP. E— 1400

TO COLLAR

BEARING South

ANGLE 70°

DIP TESTS (TRUE DIPS)

AT 150 · 65 °

AT 300 · 59 °

AT 500 · 48½ °
750 45 °
1000 39 °
1250 39½ °

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	98	DIORITE:									
		Green, M.g.-C.g. Acc. pyrite									
		40, Low shear at 47°									
98	114	VOLCANICS:									
		F.g. green andesite									
		113 - 114 Quartz and epidote, 1% pyrite									
114	130	DIORITE:									
		M.g. - c.g. Green, 1% magnetite									
130	469.5	VOLCANICS:									
		Mainly grey-green. f.g. andesite, some tuff, some									
		sheared diorite. Uniform. Lt. shear 2-5% biotite specks									
		140° at 45°, 200 at 53°, 326 at 55°, 358 at 67°, 424									
		at 60°.									
		345 - 525 Few small zones of silicification and minor pink feld-									
		spar alteration.									
469.5	532	DIORITE:									
		Bk. green, m.g. - c.g. 2 -4% magnetite. Acc. pyrite									
		475 - 477.5 Quartz calcite stringers, 5% pyrite	1782	475	477.4				Tr.		
		507 - 510 2 - 3% pyrite associated with a quartz carbonate vein	1783	506.6	510				Tr.		
532	557	VOLCANICS:									
		Few F.g. green andesite, some tuff.									
557	580	DIORITE:									
		Green, m.g. c.g.									
580	587	VOLCANICS:									
		f.g. green andesite									
587	759	DIORITE:									
		M.g. - c.g. Accessory magnetite									
		603 - 609 F.g. Few quartz carbonate stringers with accessory	1784	716.1	717.9				Tr.		
		chalcopyrite, 1/2% pyrite									
		716 - 718 5% pyrite in coarse cubes assoc. with epidote									
759	830	VOLCANICS:									
		Bk. green-grey, porphyritic andesite, andesite, and tuff									
		790 Lt. shear at 53°									

Ministère des Ressources Naturelles, Québec
3 MAR 1964
SERVICE DES GITES MINERAUX
No GM 14020

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 33.....

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.
		800 - 830 Green - dk. Green									
830	847	SILICIFIED DIORITE:	1785	835	837.7		Nil				
		Blue grey. Lt. silicification. 1% pyrite	1786	837.7	838.6		Tr.				
		2% magnetite	1787	838.6	841.7		Tr.				
847	1015	SEDIMENTS:	1788	841.7	844.1		Tr.				
		847 - 849 Grey siltstone. 3% pyrite	1789	844.1	845.5		Tr.				
		Beds at 65°	1790	845.5	846.6		.04				
		849 - 864 Pink and grey conglomerate. Lt. silicification and	1791	846.6	847.6		Nil				
		feldspar alteration	1792	847.6	848.7		.02				
		1% pyrite	1793	848.7	850		Tr.				
		857 Beds at 74°									
		864 - 887 Magnetite iron formation	1794	890.6	895.5		.02				
		864 - 876 25% magnetic iron									
		876 882 - 887 10 - 15% Fe.									
		887 - 1015 Grey siltstone. Minor quartz carbonate stringers with									
		assoc. pyrite									
		890.5- 895.5 Minor lt. silicification, 1% pyrite. Minor brown									
		alteration. 907 beds at 70°.									
		947 - 970 Drag folded									
		991.5- 993 Minor brown alteration. 1/2% pyrite	1795	991.5	992.9		Tr.				
		1002 - 1002.6 Porphyry dike	1801	1001.9	1002.9		.02				
1015	1064	FELDSPAR PORPHYRY:	1802	1015	1017.6	2.6	.08	.06	.08		
		Grey. Moderate silicification. 10% irregular quartz	1803	1017.6	1020	2.4	.19	.26	.225		
		stringers. Very rare accessory tourmaline	1804	1020	1025	5.	.32	.30	.31		
		1/2 - 1% pyrite, few coarse cubes. Appears to have	1805	1025	1030	5.	.16	.14	.15		
		been well fractured with two main sets at 45° to the	1806	1030	1035	5.	.10	.13	.115		
		core and perpendicular to each other	1807	1035	1037.5	2.5	.26	.29	.275		
		1015 - 1017 Mainly quartz	1808	1037.5	1038.6	1.1	2.56	3.40	1.00		
		1038 Few grains of blue grey mineral, possibly a telluride.	1809	1038.6	1040	1.4	.08	.10	.09		
		One speck of gold. They occur in a 4" quartz vein at	1810	1040	1045	5.	.10	.14	.12		
		45° to core	1811	1045	1050	5.	.15	.15	.15		
			1812	1050	1055	5.	.12	.10	.11		
1064	1092	SEDIMENTS:	1813	1055	1058.7	3.7	.21	.32	.265		
		F.g. dk. grey greywacke. Numerous small porphyry dikes	1814	1058.7	1059.7	1.	.10	.10	.10		

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 23

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.
		and quartz veinlets	1815	1059.7	1064	4.3	.13	.18	.155		
		1065.5 - 1065.7 3" lt. grey porphyry dike. One 1/2" cube of pyrite	1816	1064	1065	1.	Tr.				
		and adjacent to this a large speck of gold	1817	1065	1066	1.	Av. of 3 Samples 7.41; 1.00 cut				
		1/4" in diameter.	1818	1066	1070		Tr.				
		Several other specks of gold visible within thy	1819	1070	1075		.02	.08			
		dike	1820	1075	1080		.01				
1092	1113.5	DIORITE:	1821	1080	1085		.06				
		Dark grey, e.g. gabbroic. Lt. shear	1822	1085	1090		Tr.				
		at 68°	1823	1090	1092.4		Tr.				
1113.5	1134	FELDSPAR PORPHYRY:									
		Lt. grey, moderately silicified, 1/2% pyrite	1824	1813.4	1115		.05				
		3% irregular quartz veinlets with minor fluorite	1825	1115	1120		.02				
1134	1171.5	SEDIMENTS:	1826	1120	1125		.04				
		1134 - 1157 Dk. grey greywacke	1829	1125	1130		.005				
		1152 - 1157 2% pyrite	1830	1130	1133.5		Tr.				
		1157 - 1161 Grey moderately silicified porphyry, 1/2% pyrite	1831	1152.3	1156.7		.06				
		1161 - 1165 Dk. grey greywacke, 1/2% pyrite	1832	1156.7	1161.4		.005				
			1833	1161.4	1165		.02				
		1165 - 1171.5 Sediments almost completely altered to feldspar	1834	1165	1170		Tr.				
		porphyry - in part it is feldspar porphyry	1835	1170	1171.5		Tr.				
			1836	1171.5	1175	3.5	.12	.10	.11		
1171.5	1242	FELDSPAR PORPHYRY:	1837	1175	1180	5.	.12	.10	.11		
		Lt. grey, some portions pink-grey	1838	1180	1184.4	4.4	.04	.12	.08		
		Medium silicification, well fractured	1839	1184.4	1185.4	1.	.48	.50	.48		
		2% quartz stringers, 1/2% pyrite	1840	1185.4	1190	4.6	.23	.21	.22		
		1185 1 speck gold in porphyry	1841	1190	1195	5.	.11	.10	.105		
		1191 Minor fluorite	1842	1195	1200	5.	.06	.08	.07		
		1214.8 One very small speck of gold	1843	1200	1205		.05				
		1217.5- 1220 10% quartz, 2% coarse pyrite cubes	1844	1205	1210		.03				
		Few specks blue-grey tellurides	1845	1210	1212.5		.02				
		1221.5 Few specks blue-grey tellurides	1846	1212.5	1215		.12	.12	.12		
		1227 - 1242 Many inclusions of sediments. Much barren	1847	1215	1217.5		.06	.05	.055		
		quartz. 1/2% pyrite	1848	1218.5	1220		.08	.10 .06	.08		

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC QUEBEC

SHEET NUMBER 6

DIAMOND DRILL RECORD

HOLE NUMBER M - 33

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.
1242	1313	SEDIMENTS:	1849	1220	1222.5		.11	.04	.02	.06	
		Dk. grey siltstone	1850	1222.5	1225		.08		.07	.075	
		1243 - 1244 1% pyrite	1852	1225	1227.3		.01				
		Beds at 76°	1853	1227.3	1232.6		.02				
		1235 - 1236.5 Feldspar porphyry dike	1854	1232.6	1238		Tr.				
		1282.5 - 1287 5% pyrite	1855	1238	1241.7		.02				
			1856	1241.7	1243.7		.04				
			1864	1282.2	1284.5		.005				
			1865	1284.5	1286.8		.005				

B. K. Munro

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 56

TOTAL DEPTH 45'

WORKING PLACE

SECTION 16.5

LOGGED BY D. K. Mainle

DATE FINISHED May 18, 1963

CO-ORDINATES COLLAR

LAT. N— 3175 DEP. E— 1650

TO COLLAR

BEARING

ANGLE 90°

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.
0.0	32	CASING:									
32	45	DIORITE:									
		C.g. Dk. green. Massive. Minor quartz									
		veinlets and rare accessory chalcopyrite.									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

DIAMOND DRILL RECORD

SHEET NUMBER 1

HOLE NUMBER M - 35

TOTAL DEPTH 1174

WORKING PLACE

SECTION 15

LOGGED BY D. K. Meikle

DATE FINISHED June 13, 1963

CO-ORDINATES COLLAR

LAT. N— 5950 DEP. E— 1800

TO COLLAR

BEARING South

ANGLE 75°

DIP TESTS (TRUE DIPS)

AT 250 60°

AT 500 43½°

AT 710 40½°

AT 1000 35°

1174 35°

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	35	CASING:									
35	459	VOLCANICS:									
		35 - 135 Green, f.g. andesite. some tuff. 5% biotite specks, some tuff. Acc. pyrite. Uniform lt. shear 85' 44°									
		135 - 154 Grey tuff, agglomerate and andesite, some chertz quartz and carbonate									
		154 - 175 Green - grey. F.g. andesite, some tuff. 173 Lt. shear at 52°									
		175 - 348 Grey tuff, some f.g. andesite, some greywacke and siltstone bands. Uniform lt. shear. 240' shear at 57° 323' shear at 63°. Very minor lt. silicification and pink feldspar alteration in a few places.									
		348 - 375 Green f.g. andesite. Uniform lt. shear at 65° 5% biotite specks.									
		375 - 378 Lt. silicification and some feldspar									
		378 - 459 Grey-green tuff, f.g. andesite, agglomerate and porphyritic andesite, 2% biotite specks. 429 1" quartz vein. 1% chalcopyrite, 434 5" silicified zone. Carbonate, feldspar, epidote and 5% pyrite 446 Foliation at 75°									
459	476	DIORITE:									
		M.g. dk. green, 2-4% magnetite									
476	515	VOLCANICS:	1795	500.7	505		Tr.				
		Grey-green, f.g. andesite, minor tuff, some sheared diorite	1796	505	510		Nil				
		500 - 515 Much carbonate, and silicification, 1% pyrite	1797	510	515		Tr.				
515	575	DIORITE:									
		Dk. green. M.g.-c.g. 1% magnetite									
575	648	VOLCANICS:									
		F.g. green andesite, some tuff. Minor lt. silicification. Lt. shear at 580 Acc. magnetite									

D. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 35

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.
		621 - 624 Silicified lt. grey diorite dike. C.g. 2% pyrite	1827	621.2	624.3		Tr.				
		627 - 629 2% pyrite.									
648	738	DIORITE:	1828	627.1	629.3		Tr.				
		Dk. green. M.g.-C.g. ground mass with 5% hornblende phenocrysts 5/8" in diameter.									
738	837.5	VOLCANICS:									
		Green. F.g. andesite and porphyritic andesite Acc. 1% magnetite. Lt. shear at 72°									
837.5	1009	SEDIMENTS:									
		837.5 - 862 Dk. grey finely foliated siltstone. Possibly tuffaceous. Many quartz, carbonate, white feldspar stringers along foliation. Foliation at 75°									
		862 - 870 Altered siltstone. 5% biotite specks, pink-grey color, minor feldspar alteration.									
		870 - 878 Pink conglomerate. 5% biotite specks. Beds at 67°									
		878 - 928 Grey siltstone and greywacke. Minor feldspar alteration and silicification.									
		921 - 925 M.g. C.g. grey silicified diorite dike. 1/2% pyrite, 1/2% magnetite.									
		925 - 928 Silicified diorite dike	1862	925	928.6		.06				
		928 - 942 Pink-grey conglomerate									
		942 - 1009 Magnetite iron formation, 20% Fe. Drag folded									
		970 - 973.5 Ground core									
		974 - 977 Feldspar porphyry dike - pink, 5% pyrite	1863	973.6	975		.04				
			1864	975	977.5		.05				
		980 - 981.5 Pink porphyry dike, 1/2% pyrite. Lost core 977.5 - 979.5; 981.5 - 983.5; 989.5 - 990; 994-995.5; 999 - 1000.	1869	980.2	981.5		Tr.				
		997.5 - 1000 Numerous small porphyry dikes	1870	995.5	997.5		.08				
		1000 - 1005 Porphyry dike	1871	997.5	998.9		.02				
		1003 - 1007.5 30% Fe.									
		1007.5 - 1009 Numerous porphyry dikes much quartz, 5% pyrite	1872	1000	1003.1	3.1	.14	.09	.115		
			1866	1003.1	1005		Tr.				
			1867	1005	1007.5		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER M - 35

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.
1009	1037	FELDSPAR PORPHYRY:	1875	1007.6	1008.6	1.	.10	.11	.105		
		Pink, lt. silicification, 1/2 - 1% pyrite	1874	1008.6	1010	1.4	.12	.15	.135		
		2% quartz stringers. Well fractured	1875	1010	1015	5.	.10	.08	.09		
		1019.9 Speck of gold on large pyrite cube in small	1876	1015	1019.2	4.2	.24	.16	.20		
		quartz vein	1877	1019.2	1020.3	1.1	2.80	2.90	1.00		
		1035 - 1037 Remnants of sediments, much quartz	1878	1020.3	1025	4.7	.18	.18	.18		
			1879	1025	1030		.02				
1037	1059	SEDIMENTS:	1880	1030	1035		.005				
		Dk. grey siltstone. Lt. shear at 50°	1881	1035	1037.6		.005				
		1037 - 1040 Minor silicification. Few small porphyry dikes.	1882	1037.6	1040		.03				
		1/2% pyrite									
			1883	1050.7	1055		.04				
1059	1090	FELDSPAR PORPHYRY:	1884	1055	1070		.02				
		Pink, 2% quartz stringers, 1/2% pyrite, no	1885	1070	1075		.01				
		silicification.	1886	1075	1080		.01				
			1887	1080	1085	5.	.10	.12	.11		
1090	1106	SEDIMENTS:	1890	1085	1089.9	4.9	.09	.08	.085		
		Dk. grey siltstone	1891	1089.9	1092		.02				
		1090 - 1092 1/2% pyrite, some silicification	1892	1092	1093.8		.08				
		1092 - 1093.5 Porphyry dike									
			1893	1105	1105.8		.01				
1106	1147	FELDSPAR PORPHYRY:	1894	1105.8	1110		.05				
		Pink-grey porphyry, 2% quartz stringers. Lt. silici-	1895	1110	1115		.04				
		fication . Well fractured. 1/2-1% pyrite, few	1896	1115	1120		.01				
		coarse cubes.									
1147	1174	SEDIMENTS:	1897	1120	1125		.04				
		Dk. grey siltstone	1898	1125	1130		.01				
		1147 - 1148 4% pyrite. Beds at 52°	1899	1130	1135		.005				
			1900	1135	1140		.02				
			1901	1140	1145		.04				
			1902	1145	1147.5	2.5	1.10	1.12	1.11		
			1903	1147.5	1148.5	1	1.95	1.88	1.90		
			1907	1148.5	1150		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

#2 copy for Core Shack

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER M - 36

TOTAL DEPTH 1107

WORKING PLACE

SECTION 16.25

LOGGED BY D. K. Meikle

DATE FINISHED June 18, 1963

CO-ORDINATES COLLAR

LAT. N— 3225 DEP. E— 1625

TO COLLAR

BEARING

ANGLE 90°

DIP TESTS (TRUE DIPS)

AT 250 84½ °

AT 500 80 °

750 77½

AT 1000 69½ °

1100 65 °

PLOTTED ON PLANS:

GEOLOGICAL 1"=20'

COMPASS TESTS

350' 85° N 86° W

750' 79° S 55° W

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	19	CASING:									
19	22	VOLCANICS:									
		Dk. green, f.g. andesite									
22	115	DIORITE:									
		M.g.-C.g. 1% magnetite. Lt. shear varies from 0 - 45°									
		Mainly 20°. Acc. pyrite. In part minor lt. Silicifi-									
		cation.									
115	144	VOLCANICS:									
		Dk. green f.g. andesite									
144	469	DIORITE:									
		Dk. green, m.g.-c.g. Minor quartz and carbonate. Acc.									
		pyrite. 1% magnetite.									
		171 - 179 White quartz vein. 1/2% pyrite and chalcopyrite in	1799	170.6	176.8		.01				
		fractures.									
		182 - 186 White quartz vein	1800	181.3	186.7		Tr.				
		Diorite adjacent to quartz veins has 1% pyrite for									
		1 - 2 Ft.									
		319 - 329 Lt. shear at 50°. Minor quartz and carbonate. Rock									
		slightly broken up during drilling.									
		329 - 469 Mainly accessory magnetite									
		391.5 Small seam of quartz carbonate yielded quartz									
		cave and was cemented.									
		390 - 409 Porphyritic texture									
		409 - 432 Dk. grey-green, f.g. - m.g. possibly volcanics in part.									
		432 - 469 Grey, m.g. c.g.									
469	633	VOLCANICS:									
		469 - 493 F.g. dk. green-grey andesite									
		493 - 599 Mainly porphyritic andesite Grey-green. 515 Lt. shear									
		at 32°									
		504 - 559 Blocky									
		556 Foliation at 50°									
		579 - 584 Blocky									
		599 - 633 Grey, f.g. Lt. silicified andesite.									
		606.3- 608.5 Blocky 5% pyrite	1801	606.3	608.5		.07				

Ministère des Richesses Naturelles, Québec

3 MAR 1964

SERVICE DES GITES MINÉRAUX

No GM- 14020

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 36.....

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.
		616 - 621 Blocky									
		624 - 635 Blocky									
635	708	DIORITE:									
		Dk. grey c.g., some lt. silicification. Acc. 1% magnetite. 1/2% pyrite. 1/3 of ground is blocky									
		633 - 685 Some pink feldspar alteration									
		655 Slight blue grey coloration									
		689 - 691 2% pyrite	1857	689	691		Tr.				
708	722	SILICIFIED DIORITE:									
		Medium high silicification. Blue-grey 5% pyrite.	1858	707.3	711.2		.06				
		Lt. shear at 48°	1859	711.2	714.4		.03				
			1860	714.4	717.7		.06				
722	1107	SEDIMENTS:	1861	717.7	722		.04				
		722 - 726 Dk. grey siltstone									
		726 - 732 Grey conglomerate. Beds at 39°									
		732 - 807 Dk. grey siltstone and greywacke with a few pebbles and cobbles. Very blocky									
		807 - 825 Lt. silicified blue-grey conglomerate - 1/2% pyrite. Minor feldspar addition.	1866	818	812.3		.01				
		826 - 866 Dk. grey conglomerate. Blocky ground from 841-847; 850-853; 858-866.	1867	817.7	819.1		.005				
		866 - 886 Dk. grey siltstone, few pebbles. Beds at 60°.									
		888 - 910 Magnetite iron formation. 20% Fe. Blocky drilling.									
		910 - 945 Sharply banded grey and dk. grey siltstone and greywacke. Beds at 46°.									
		945 - Dk. grey to grey green siltstone and greywacke	1904	961.5	963		.02				
		976 Beds at 55°. Grey-pink feldspar porphyry dikes	1905	964.9	967		Tr.				
		from 961-962.5; 965-967; 977-978.									
		1020 Beds at 45°									
		1040.5 - 1041 1/2" quartz vein 5% pyrite.									
		1042.5 - 1043.5 1/2" " " 5% "									
		1062 Beds at 57°									
		1106 Beds at 35°									

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 37.....

TOTAL DEPTH.....989'.....

WORKING PLACE.....

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

LOGGED BY.....E. E. Heikle.....

DATE FINISHED.....July 4, 1963.....

CO-ORDINATES COLLAR

LAT. N—.....3180..... DEP. E—.....1710

TO COLLAR.....

BEARING.....

ANGLE.....90°

DIP TESTS (TRUE DIPS)

AT...250'.....85½.....°

AT...500'.....87.....°

AT...750'.....86.....°

950' 83 °

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	21	OVERBURDEN:									
21	563	DIORITE:									
		M.g - C.g. Dk. grey - green									
		21 - 225 1% magnetite									
		104 - 120 Lt. shear nearly parallel to core									
		225 - 228 F.g. grey									
		225 - 563 Acc. magnetite									
		348 - 356 F.g., minor epidote									
		362 - 363 Quartz vein									
		433 - 441 Some quartz, calcite, pink feldspar veins nearly parallel to core									
		482 - 489 Lt. shear at 36°. F.g. possibly an inclusion of volcanics									
		509 - 511 F.g.									
		577 Seam was cemented									
563	667	VOLCANICS:									
		563 - 592 Dk. grey, f.g., finely foliated at 29°. Probably altered tuff.									
		592 - 624 Dk. grey-green f.g. andesite. Acc. magnetite.									
		602 - 606 Diorite dike									
		614 - 617 " "									
		624 - 667 Finely foliated altered tuff.	1908	637.7	639.9		.06				
		Dk. grey, green. Acc. magnetite	1909	639.9	643.9		.02				
		624 - 638 Minor patches of silicification	1910	643.9	645		.13				
		638 - 640 Lt. grey highly silicified - 5% pyrite	1911	645	646.2		.02				
		Foliation at 41°	1912	646.2	650	3.8	.07	.08	.075		
		640 - 644 Minor silicification and pyrite	1913	650	651.5	1.5	.17	.17	.17		
		644 - 645 Medium - high silicification. 5% pyrite	1918	651.5	653.3		Tr.				
		646 - 651.5 Very highly silicified. Lt. grey	1919	653.3	656.3		Tr.				
		5 - 10% pyrite	1920	656.3	658.2		.01				
		658 - 660 As from 646 - 651.5	1914	658.2	660		.22	.26	.24		
		551.5 - 667 1-2% magnetite	1921	660	662.2		.005				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY ATLANTIC TOWNSHIP

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M - 37

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.
607	699	DIORITE:									
		Dk. grey, M.g., Gabbroic. 1 - 2% magnetite									
699	730	VOLCANICS:	1915	700	701.4	.16					
		Dk. grey, highly altered, f.g. Irregular banding,									
		2% magnetite	1916	708.9	710.7	.05					
	900 - 901	Medium silicification. 3% pyrite									
	709 - 711	Highly silicified, 3% pyrite	1917	715	719.1	.08	.08		.08		
	715 - 719	Highly silicified, 3% pyrite. Could be sheared gabbroic dio-									
		rite									
	728	Lt. shear at 35°									
730	778	DIORITE:									
		Dk. grey, M.g.-f.g. Altered, gabbroic, some silicifica-									
		tion, some white feldspar and carbonate addition.									
		2 - 3% magnetite.									
778	885	SILICIFIED DIORITE:									
		Blue-grey, ace. pyrite. Some minor pink feldspar alter-									
		ation.									
	791.3	1" quartz vein. Heavy pyrite along margins	1922	790	791.6		Tr.				
	839 - 855	Slightly blocky drilling. Little change in general									
		appearance but very slight increase in number of carbon-	1923	795.9	795.7	.01					
		ate filled fractures.									
	855 - 885	Very slightly blocky, blue grey, lightly silicified									
		diorite. Lost core 861-862; 883-884.									
885	969	SEDIMENTS:									
		Dk. grey altered siltstone. Few pebbles remnants. Lt.									
		shear at 45°. Blocky drilling although rock does not									
		appear to be excessively fractured.									
		Lost core 887-888; 892-893.									
	909 - 962	Dk. grey conglomerate. Beds at 40°									
		Blocky drilling except 925 - 950 which is only slightly									
		blocky. 951-953 lost core									
	962 - 969	Magnetite iron formation. Fe 25-30%									
		Lost core 964-965; 966-967. Very blocky									

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 38.....

TOTAL DEPTH.....1500.....

WORKING PLACE.....

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

LOGGED BY....E. K. Meikle.....

DATE FINISHED...July 9, 1963.....

CO-ORDINATES COLLAR

LAT. N—.....5950..... DEP. E—....1300

TO COLLAR.....

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

ANGLE.....68°.....

DIP TESTS (TRUE DIPS)

AT....550....'....84.....°

AT....500....'....43.....°

AT....750....'....39.....°

1000' 35½ °

1500' 32½ °

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	37	CASING:									
37	93	VOLCANICS:									
		37 - 48 Grey-green f.g. andesite. 5% biotite specks. Lt. shear at 45°									
		48 - 93 Porphyritic andesite and andesite. Minor epidote.									
93	126	DIORITE:									
		M.g. - c.g. Green 1% magnetite.									
		98.5- 100 Barren quartz vein. Acc. chalcopyrite and pyrrhotite. Cuts core at 20°.									
		111.5- 112.1 1" quartz vein. acc. chalcopyrite									
126	407	VOLCANICS:									
		126 - 159 Grey, f.g. andesite.									
		159 - 175 Grey-green tuff and andesite. Beds at 45°									
		175 - 212 Grey-green andesite, some tuff. 1% biotite specks.									
		212 - 227 Minor feldspar alteration									
		227 - 235 Green - grey f.g. - m.g. andesite. 5% biotite specks 240' mk low shear at 62°									
		255 - 290 Grey andesite, tuff and agglomerate. Minor pink feldspar alteration and silicification.									
		290 - 335 Lt. green andesite, porphyritic andesite, some tuff. 302 - Beds at 62°									
		335 - 350 Grey andesite, porphyritic andesite, tuff. Minor chertz. Some feldspar alteration									
		350 - 407 Dk. green andesite, tuff and agglomerate. Lt. shear at 69° at 386.									
		392 - 398 Some epidote									
		395 - 400 Chert									
407	619	DIORITE:									
		Green, m.g.- c.g. Much epidote, 1% magnetite									
		512 - 520 Lt. shear mainly at 72°									
		515 - 619 No magnetite									
		600 - 610 Few volcanic inclusions.									

E. K. Meikle

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MARIA TOWNSHIP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 36.....

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.
619	633	VOLCANICS:									
		Dk. grey-green andesite, minor tuff.									
633	644	DIORITE:									
		Dk. green m.g.									
644	660	VOLCANICS:									
		Dk. grey-green. Tuff agglomerate and andesite									
660	670	DIORITE:									
		Green. m.g.									
670	773	VOLCANICS:									
		Tuff, agglomerate, porphyritic andesite and andesite.									
		Dk. grey-green, occ.-1% magnetite.									
		735 Lt. shear at 50°									
		734 - 773 F.g.-m.g. dk. green andesite, 1% magnetite									
773	932	SEDIMENTS:									
		773 - 780 Black siltstone, some pink feldspar alteration. 50% lost core.									
		780 - 814 Magnetite Iron formation. Fe 15 - 20%. Bands at 70° 40% lost core.									
		814 - 831 Grey conglomerate. Minor silicification and pink feldspar alteration.									
		831 - 836 Magnetite iron formation. Fe 25%									
		835 - 835 Lost core									
		835.3- 836 3% pyrite.									
		836 Grey siltstone and greywacke, much alteration	1924	835.3	839		.12				
		836 - 843 Lt. moderate silicification, 2% pyrite.	1925	839	843.2		Tr.				
		857 - 859 Few pebbles.									
		865 - 875 Minor lt. silicification, few small quartz and pink feldspar veins.	1926	869.1	870		Nil				
		869 - 870 Silicified conglomerate, 2% pyrite. Feldspar porphyry dikes at 888 - 889 - 892 - 893 - 898 - 899 - 915 - 916 - 917 - 919	1927	892	893.2		.02				
			1928	897.7	898.8		.01				
		926 - 928 4% pyrite in disseminated cubes	1929	915	917.1		.01				

CAMFLO MATTAGAMI MINES LIMITED

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

SHEET NUMBER..... 5 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 38 .....

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	II	AVE	II SAMPLE NO.	REM.
932	1153	FELDSPAR PORPHYRY:	1930	917.1	919.5		.08				
		Lt. pink - Lt. grey. Medium silicification, 1% pyrite									
		with some coarse cubes, 1% quartz veins. Much of the	1931	925.8	927.8		.04				
		large pyrite cubes are tarnished and portions resemble	2044	927.8	931.8		.02				
		pyrrhotite but are non-magnetic	1932	931.8	935	3.2	.41	.38	.395		
			1933	935	940	5.	.10	.30	.20		
		947.4- 948.4 Several large pyrite cubes	1934	940	945	5.	.10	.20	.20		
		983 - 984 Highly altered sediments	1935	945	947.4	2.4	.10	.22	.21		
		984 - 986 Dk. grey siltstone	1936	947.4	948.4	1	.06	.05	.055		
		990 - 991.5 Highly altered sediments	1937	948.4	950	1.6	.09	.08	.085		
		1000 - 1005.2 Inclusion of black altered sediments or possibly	1938	950	955	5.	.09	.09	.09		
		gabbroic diorite.	1939	955	960	5.	.36	.35	.355		
		1005.2- 1067 Lt. pink, Lt. silicified porphyry, 1% pyrite, 1% quartz	1940	960	965	5.	.10	.11	.105		
		stringers. Acc. Fluorite	1941	965	970	5.	.24	.25	.245		
		1067 - 1080 Lt. pink porphyry. Much carbonate addition and core	1942	970	975	5.	1.02	.65	.835		
		surface is rough	1943	975	980		.04				
		1080 - 1141 Pink - grey Lt. medium silicification	1944	980	985		.04				
		2% quartz, 1/2% pyrite	1945	985	990		.01				
		1090.5- 1091 Pink and white calcite vein	1946	990	995		.02				
		1095 Small quartz tourmaline vein	1947	995	1000		.03				
		1120 - 1121 Quartz vein	1948	1000	1001.2		.005				
		1124 - 1124.5 Heavy pyrite in sedimentary inclusion									
		1139 - 1140 Quartz vein, acc. fluorite	1949	1005.2	1010		.04				
		1141 - 1152 Carbonate addition. Little silicification	1950	1010	1015	5.	.09	.09	.09		
		1152 - 1153 Highly silicified, 2% pyrite	2001	1015	1020	5.	.25	.31	.28		
			2002	1020	1025	5.	.20	.15	.175		
			2003	1025	1030		.04				
1153	1163	SEDIMENTS:	2004	1035	1040		.05				
		Dk. grey drag-folded siltstone	2005	1035	1040		.05				
1163	1188	FELDSPAR PORPHYRY:	2006	1040	1045		.02				
		Lt. grey-pink. Medium to high silicification. Acc.	2007	1045	1050		.01				
		1/2% pyrite. Much incompletely digested sedimentary	2008	1050	1055		.02				
		remnants.	2009	1055	1060		.01				
		1171 - 1174 Quartz vein	2010	1060	1061.1		.06				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....ATLANTIC TOWNSHIP.....

SHEET NUMBER.....4.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 38.....

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
1188	1196	SEDIMENTS:
		1188 - 1189 Altered - brown colour, much sericite
		2% pyrite
		1189 - 1196 Dk. grey siltstone
1196	1224	FELDSPAR PORPHYRY:
		Grey. Much incompletely digested sedimentary
		remnants, much silicification and development of
		sericite
1224	1249.5	SEDIMENTS:
		Dk. grey - grey siltstone and greywacke
		1225 - 1231 Some silicification, 3% pyrite
1249.5	1257	FELDSPAR PORPHYRY:
		Pink, little silicification, acc. pyrite
1257	1300	SEDIMENTS:
		Dk. grey greywacke. Beds at 60°

I SAMPLE NO.	FROM	TO	LENGTH	ASSAY OZs GOLD PER TON I	II	AVE	II SAMPLE NO.	REM.
2011	1061.1	1062.5		.02				
2012	1062.5	1067.5		.02				
2013	1067.5	1070		.02				
2014	1070	1075		.02				
2015	1075	1080		.04				
2016	1080	1085		.05				
2017	1085	1090		.01				
2018	1090	1095		.02				
2019	1095	1100		.02				
2020	1100	1105		.04				
2021	1105	1110		.04				
2022	1110	1115		.01				
2023	1115	1120		Tr.				
2024	1120	1125		Tr.				
2025	1125	1130		Tr.				
2026	1130	1135		Tr.				
2027	1135	1140		Tr.				
2028	1140	1145		Tr.				
2029	1145	1150		.01				
2030	1150	1153.2		.02				
2031	1162.7	1165		.005				
2032	1165	1170		.01				
2033	1170	1175		.01				
2034	1175	1180		.01				
2035	1180	1185		.01				
2036	1185	1189.2		.005				
2037	1189.2	1190		.01				
2038	1195.8	1200		.005				
2039	1200	1205		.005				
2040	1205	1210		.01				
2041	1210	1215		.01				
2042	1215	1220		.01				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MILLENIC TOWNSHIP.....

SHEET NUMBER.....5.....

DIAMOND DRILL RECORD

HOLE NUMBER.....M - 38.....

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.
			2043	1220	1223.9		.01				
			2046	1223.9	1225	1.1	.02				
			2045	1225	1230.9	5.9	.24	.32	.28		
			2040	1230.9	1252.4		.005				
			2041								
			2048	1249.5	1252.9		.005				
			2047	1252.9	1257.8		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY....MALARTIC TOWNSHIP....

SHEET NUMBER....1....

DIAMOND DRILL RECORD

HOLE NUMBER....M-39....

TOTAL DEPTH....1210....

WORKING PLACE....

SECTION....9....

LOGGED BY....S.R. Meikle....

DATE FINISHED....Aug. 12, 1963....

CO-ORDINATES COLLAR

LAT. N—....3950.... DEP. E—....900

TO COLLAR....

BEARING....South....

ANGLE....55°....

DIP TESTS (TRUE DIPS)

AT....250.... 47½ ....o

AT....500.... 41 ....o

AT....750.... 34½ ....o

1000 31½ o

1200 29½ 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	ASSAY OZs GOLD PER TON II	ASSAY OZs GOLD PER TON AVE	II SAMPLE NO.	REM.
0.0	79	CASING:									
79	320	VOLCANICS:									
		Lt. green - green grey, tuff, agglomerate minor andesite and porphyritic andesite. Few small diorite dikes.									
		79 - 110 5% biotite specks. Lt. shear at 60°									
		110 - 218 Acc. magnetite									
		218 - 250 5% biotite specks									
		282 Lt. shear at 61°									
		310 Beds at 69°. Minor lt. silicification and pink feldspar alteration from 300 - 320									
320	330	DIORITE:									
		M.g. - dk. green-grey. 1% magnetite. Minor ltd silicification; acc. pyrite.									
330	350	SILICIFIED DIORITE:	2057	332.2	335		Tr.				
		Grey, lt. medium silicification. m.g. 1% magnetite,	2058	335	340		Tr.				
		1% pyrite	2059	340	343.4		.10	Tr.		.05	
350	511	DIORITE:	2059	343.4	347.4		Tr.				
		Dk. green-grey. m.g. Acc - 2% magnetite. Minor silicification, acc. pyrite.	2060	347.4	350		Tr.				
		366 - 367 Silicified 1% pyrite	2061	365	367.1		.06				
		373 - 375 Lt. silicification, 1/2% pyrite									
		381 - 383 Minor quartz veinlets, 1/2% pyrite	2062	372.5	375		.01				
		420 - 423 Much epidote alteration									
		490 - 511 Acc. 1/2% magnetite. Few small zones of silicification									
511	558	VOLCANICS:									
		Dk. green f.g. andesite, porphyritic andesite, minor tuff and agglomerate.									
558	639.5	SEDIMENTS:									
		558 - 579 F.g. dk. grey siltstone, few pebbles, very few small magnetite bands.									
		570 - 638 Extremely blocky drilling, about 20% core recovery. 579-600 Greywacke salt with few small magnetite bands. Bands at 64°									

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....BALATIC TOWNSHIP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M-39.....

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.
		600 - 639.4 Grey conglomerate									
		625 - 626 Minor silicification and feldspar alteration	2055	625	628.4		Tr.				
		626.5- 628 Lost core	2056	628.5	629.5		Tr.				
		628 - 629.5 Lt. silicification, 1% pyrite	2091	629	633.5	1.0	.22				No reject
		624.5- 632 Lost core	2092	633.2	639.4	1.2	2.4		1.0		" "
		632 - 633.5 Siltstone	2093	639.4	640	0.6	.12				" "
		633.5- 635.2 Lost core	2094	640	645		.06	Tr.	.03		
		638.2 - 639.4 Dk. grey-pink conglomerate, some silicification and	2067	645	650		Tr.				
		feldspar alteration, 1% pyrite	2068	650	651.2						
		638.2 Paper-thin piece of gold 1.2" x 1/16", in narrow	2069	651.2	656.8						
		silicified zone									
639.5	651	SILICIFIED DIORITE:									
		639.4- 640 Dk. grey, 1% pyrite, some leaching	2070	808.9	810.5		.05				
		640 - 651 Highly silicified, Lt. grey, 2 - 4% pyrite,	2071	813.6	813.6	3.1	.12	.10	.11		
		5% quartz stringers	2072	813.6	817.5		.005				
651	820.5	SEDIMENTS:	2073	817.5	820.5		.02				
		651 - 656 Lt. grey siltstone. Lt. silicification, some leaching	2074	820.5	825		Tr.				
		2% pyrite. Lost core 652 - 654; 655-655.5	2075	825	827.2		Tr.				
			2076	827.2	830.6		.05				
		656 - 813.5 Grey siltstone. Few very narrow bands ex of minor	2077	830.6	835		Tr.				
		brown alteration and pyrite	2078	835	840		Tr.				
		660 Beds at 57°, 700 beds at 71°	2079	840	845		Tr.				
		809 - 810.5 1% pyrite, lt. silicification	2080	845	850		.01				
		810.5- 813.5 Brown alteration, 3% pyrite , Some sericite and minor	2081	850	855		Tr.				
		lt. silicification	2082	855	860		.005				
		813.5- 817.5 Lt. grey, medium silicification , porphyry	2083	860	865		Tr.				
		1/2% pyrite	2084	865	870		.005				
			2085	870	875		Tr.				
820.5	957.5	FELDSPAR PORPHYRY:	2085	875	880		.005				
		820.5- 827 Pink, much sedimentary remnants. 1/2% pyrite	2087	880	885		Tr.				
			2088	885	890		.005				
		827 - 830.5 Inclusion of iron formation. 20% Fe, Beds at 75°	2089	890	895.8		.01				
		Heavy pyrite at contacts	2090	895.8	900		.02				
		830.5- 857 Pink porphyry. 1/2% pyrite	2091	900	905		.005				

CAMFLO MATTAGAMI MINES LIMITED

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

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

DIAMOND DRILL RECORD

HOLE NUMBER.....M-39.....

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.....'.....o

AT.....'.....o

AT.....'.....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.
		5% quartz veins with minor fluorite, lt. silicification	2092	905	910		.02				
			2093	910	915		Tr.				
		887 - 893 Pink porphyry, partly leached leaving 2% voids.	2094	915	920		Tr.				
		Acc. - 1/2% pyrite	2095	920	925		.005				
		Only very minor quartz veins and rarely lt. silicification	2096	925	930		.005				
		Porphyry has a dull lustre as opposed to the more common	2097	930	935		.005				
		vitreous lustre observed in the majority of intersections	2098	935	937.5		Tr.				
		893 - 937.5 No voids, lt. silicification, 1% quartz, Acc. 1/2%	2099	945.7	947.1		Tr.				
		pyrite	2100	947.1	950		.005				
			2101	950	955		.01				
937.5	947	DIORITE:	2102	955	958.7		Tr.				
		Dk. grey m.g.	2103	958.7	963.8		Tr.				
947	959	FELDSPAR PORPHYRY:	2104	963.8	968.8		Tr.				
		Pink, Lt. silicification, Acc. pyrite. Leached	2105	968.8	971		Tr.				
		1% voids	2106	971	975		.01				
959	971	DIORITE:	2107	975	980		Tr.				
		Dk. grey m.g. Several small porphyry dikes	2108	980	985		Tr.				
		969 - 971 Iron formation, 15% Fe.	2109	985	990		Tr.				
		Few porphyry dikes, heavy pyrite at contacts	2110	990	995		.005				
971	1102	FELDSPAR PORPHYRY:	2111	995	1000		.005				
		Pink, 1-2% voids, Acc. 1/2% pyrite, 1/2% quartz stringers	2112	1000	1005		.005				
		Minor lt. silicification. Voids mainly due to biotite	2113	1005	1010		.03				
		leaching.	2114	1010	1015		Tr.				
		1075 - 1087 No leaching	2115	1015	1020		Tr.				
		1087 - 1089 Porphyritized sediments	2116	1020	1025		Tr.				
		1089 - 1095 Grey silicified porphyry. 1-2% pyrite. Much sediment-	2117	1025	1030		.005				
		ary remnants	2118	1030	1035		.005				
1102	1119	SEDIMENTS:	2119	1035	1040		.005				
		Dk. grey siltstone. Beds at 70° - 85°	2120	1040	1045		.01				
		1102 - 1105 1% pyrite very minor brown alteration	2121	1045	1050		.01				
		1116 - 1119 Medium silicification, 3% pyrite	2122	1050	1055		Tr.				
1110	1134	DIORITE:	2123	1055	1060		Tr.				
		Dk. green-grey. Gabbroic. In part massive and m.g.,	2124	1060	1065		.01				
		In part lt. shear at 65°	2125	1065	1070		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

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

SHEET NUMBER..... 4 .....

DIAMOND DRILL RECORD

HOLE NUMBER..... M - 39 .....

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.
		1120 - 1125 15% quartz veinlets. 1 - 2% pyrite	2126	1070	1075		.005				
1134	1169	SEDIMENTS:	2128	1075	1080		Tr.				
		Dk. grey siltstone. Beds at 65°	2129	1080	1085		Tr.				
		Dikes of gabbroic diorite at 1142 - 1151; 1152 - 1155.	2129	1085	1090		.02				
		1160 - 1163.	2130	1090	1095		.005				
1168	1182	FELDSPAR PORPHYRY:	2131	1095	1100		Tr.				
		Pink-grey. Lt. silicification. 1/2% pyrite	2132	1100	1101.6		.005				
		Much included sedimentary material	2133	1101.6	1103.5		.01				
1182	1219	SEDIMENTS:									
		Dk. grey siltstone. Beds at 65°	2134	1115	1116		.005				
		1183 - 1184 Porphyry dike	2135 7	1116	1118.6	2.6	.18	.18	.18		
			2135	1118.6	1120		.005				
			2135	1120	1122.8		.005				
			2136	1168	1170		Tr.				
			2137	1170	1175		Tr.				
			2140	1175	1180		Tr.				
			2141	1180	1181.9		Tr.				
			2142	1181.9	1184.5		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY: ~~MALARTIC TOWNSHIP~~

SHEET NUMBER: 1

DIAMOND DRILL RECORD

HOLE NUMBER: M - 40

TOTAL DEPTH: 740	CO-ORDINATES COLLAR	DIP TESTS (TRUE DIPS)	PLOTTED ON PLANS:
WORKING PLACE:	LAT. N— 3400 DEP. E— 900	AT 250 ' 41 °	GEOLOGICAL 1"=20':
SECTION: 9	TO COLLAR:	AT 500 ' 36½ °	
LOGGED BY: B. K. Meikle	BEARING: South	AT 725 ' 39 °	
DATE FINISHED: Sept. 9, 1963	ANGLE: 50°		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	51	CASING:									
51	114	VOLCANICS:									
		Green-grey tuff. Beds at 65°									
		101 - 102 Lt. silicification, 2% pyrite									
114	162	DIORITE:									
		Green, m.g. Few mk inclusions of volcanics past 133									
		148 - 150 Silicified, grey-blue, accessory pyrite.									
162	295.5	SEDIMENTS:									
		162 - 212 Grey siltstone. Beds at 70°									
		212 - 213 Grey conglomerate.									
		213 - 236 Magnetite iron formation. 20% Fe.	2143	236.1	241.7		.005				
		Blocky ground past 180	2144	241.7	246.7		.08	.09	.08		
		~~Lost core [illegible]~~	~~[illegible]~~	~~246.7~~	~~250~~		~~Tr.~~				
		224-225.									
		236 - 249 Lt. grey. Lt. silicified conglomerate with only very	2152	256	258		.02				
		few pebbles. 1 - 4% disseminated cubes of pyrite	2153	268.2	269.8		Tr.				
		249 - 295.5 Grey siltstone, in part very finly laminated. Few 3"									
		porphyry dikes. Minor brown alteration and pyrite/	2154	288.5	289.9		Tr.				
295.5	693.8	FELDSPAR PORPHYRY:	2155	295.5	300		.01				
		Lt. (salmon) pink. 1 - 2% quartz stringers, 1/2% pyrite	2146	300	305		.01				
		Lt. silicification	2147	305	307.8		.01				
		307 - 311 Highly silicified, f.g., mottled appearance, pink,	2148	307.8	310.9		.02				
		2% pyrite	2149	310.9	315		.01				
		337 - 338 Pegmatitic	2150	315	320		.005				
		343 One very small speck of gold in a one quarter inch grey	2151	320	325		.005				
		quartz stringer. One speck of gold on edge of a pyrite	2156	325	330		.02				
		cube within the porphyry.	2157	330	335		.06				
		388 Only 1/2% quartz stringer	2158	335	340		.02				
		411 - 421 Minor leaching - 2% voids	2159	340	342.5		.01				
		455 - 470 Med. silicification. Few very small	2160	342.5	343.6	1.1	.41		.41		
		inclusions of sediments which contain 5% pyrite	2161	343.6	345		.04				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY [illegible]

SHEET NUMBER 2

DIAMOND DRILL RECORD

HOLE NUMBER M.-40

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.
		483 - 538 Lt. grey. Mod. silicification. Sedimentary remnants. Acc. 1/2% pyrite	2162	340	350		.01				
			2163	350	355		.02				
		538 - 545 Salmon pink - orange. 1/2% pyrite. 1/2% quartz stringers	2164	355	360		.01				
			2165	360	365		.02				
		545 - Lt. pink. Lt. silicification. 1/2% pyrite. 1/2% quartz stringers	2166	365	370		.04				
			2167	370	375		.06				
		545 - 552.5 Few coarse pyrite cubes	2168	375	380		.005				
		552.5- 556.5 2 - 4% pyrite in coarse cubes. Minor amounts of blue-grey metallic mineral associated with the pyrite cubes	2169	380	385		Tr.				
			2170	385	390		Tr.				
			2171	390	395		Tr.				
		556.4- 2 small specks of gold on a large pyrite cube at the edge of a 1/4" quartz vein	2172	395	400	5.	.18	.04	.10	.12, .08	
			2173	400	405		.02				
		685 - 691 Well fractured. 3% pyrite with few large cubes. 1/2% quartz stringers	2174	405	410		Tr.				
			2175	410	415		.01				
		676 - 697.5 Inclusion of siltstone	2176	415	420		.005				
			2177	420	425		.01				
699.8	740	SEDIMENTS:	2178	425	430		.005				
		Dk. grey siltstone and greywacke. Minor diorite	2179	430	435		.005				
		711 - 715 porphyry dike	2180	435	440		Tr.				
		720.3- 721.5 " "	2181	440	445		Tr.				
		722 - 725 " "	2182	445	450		Tr.				
			2183	450	455		.005				
			2184	455	460		.005				
			2185	465	465		Tr.				
			2186	465	470		.02				
			2187	470	475		Tr.				
			2188	475	480		Tr.				
			2189	480	485		.005				
			2190	485	490		Tr.				
			2191	490	495		.005				
			2192	495	500		Tr.				
			2193	500	505		.005				
			2194	505	510		.005				
			2195	510	515		.01				
			2196	515	520		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY MALARTIC TOWNSHIP

SHEET NUMBER 3

DIAMOND DRILL RECORD

HOLE NUMBER X - 40

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.
			2197	520	525		Tr.				
			2198	525	530		Tr.				
			21999	530	535		.005				
			2200	535	540		.005				
			2201	540	545		.01				
			2202	545	550		Tr.				
			2203	550	552.5		.02	.03			
			2204	552.5	556.4		Tr.				
			2205	556.4	560		Tr.				
			2206	560	565		.10	Tr.	.03		Tr.
			2207	565	570		.Tr.				
			2208	570	575		Tr.				
			2209	575	580		Tr.				
			2210	580	585.9		.005				
			2211	585.9	586.9	1.0	.25	.27	.26		
			2212	586.9	590	3.1	.05	.05	.05		
			2213	590	595		.005				
			2214	595	600		Tr.				
			2215	600	605		Tr.				
			2216	605	610		.005				
			2217	610	615		.02				
			2218	615	620		.01				
			2219	620	625		Tr.				
			2220	625	630		Tr.				
			2221	630	635		.005				
			2222	635	640		Tr.				
			2223	640	645		Tr.				
			2224	645	650		Tr.				
			2225	650	655		.005				
			2226	655	660		.005				
			2227	660	665		.01				

B. V. Westoll

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY ..... GALATIC TOWNSHIP .....

SHEET NUMBER ..... 3 ... 4 .....

DIAMOND DRILL RECORD

HOLE NUMBER ..... M - 40 .....

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 ..... ' ....o

AT ..... ' ..... o

AT ..... ' ..... 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.
			2228	665	670		.01				
			2229	670	675		.01				
			2230	675	680		Tr.				
			2231	680	685		Tr.				
			2232	685	688		.01				
			2233	688	691.1		.005				
			2234	691.1	695.9		.01				
			2235	697.5	699.8		.005				
			2236	711	713		Tr.				
			2237	720	725		Tr.				

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY [illegible] PROPERTY TWP.

SHEET NUMBER 1

DIAMOND DRILL RECORD

HOLE NUMBER S - 41

TOTAL DEPTH 611

WORKING PLACE

SECTION 15

LOGGED BY S. [illegible]

DATE FINISHED

CO-ORDINATES COLLAR

LAT. N— 3330 DEP. E— 1500

TO COLLAR

BEARING South

ANGLE 50°

DIP TESTS (TRUE DIPS)

AT 250' 47 °

AT 500' 44½ °

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	30	CASING:									
30	57	DIORITE: Sheared and altered. Green, m.g. lt. shear at 65°. lt. silicification. 1% pyrite. Some sections of volcanics.									
57	90	VOLCANICS: Green, f.g. medium shear at 55°, drag folded in part. Tuff. Minor silicification with 1% pyrite. Some biotite alteration. Few narrow diorite dikes.									
90	279	DIORITE: M.g. - C.g. Green. Lt. shear 60° at 131. 197 Small leached quartz carbonate stringer. 212 - 279 Much coarse porphyritic texture, few zones sheared and altered.									
279	364	VOLCANICS: Mainly fig. green tuff. Minor narrow bands of agglomerate, some porphyritic andesite. 326 - 330 Greywacke. Beds at 55°. Medium silicification.									
364	415	DIORITE: M.g., green, speckled.									
415	434	VOLCANICS: Dk. grey-green tuff. Beds at 75°									
434	587	SILICIFIED DIORITE:	2838	441.7	444.7		.06				
		434 - 511 Lt. silicification, grey, m.g., lox shear at 65°. Some grey feldspar alteration, some carbonate alteration. 1/2% pyrite	2839	444.7	446.5		.04				
			2841	452.3	454.5		Tr.				
			2840	454.5	457.1	2.6	.11	.12	.115		
		443 - 445 5% pyrite	2842	457.1	460		Tr.				
		455 - 457 3% pyrite									
		459 - 467 4% pyrite. Medium silicification, some sericite	2843	463.3	465.3		.03				
		511 - 587 Medium - high silicification, blue-grey. 1/2% pyrite.	2844	465.3	466.9	1.6	.13				
		511 - 513 3% pyrite	2845	497.4	502.3		Tr.				
		522 - 525 3% pyrite									

Ministère des Richesses Naturelles, Québec
3 MAR 1964
SERVICE DES GITES MINÉRAUX
No GM- 14020

CAMFLO MATTAGAMI MINES LIMITED

PROPERTY.....MALARTIC TWP.....

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

DIAMOND DRILL RECORD

HOLE NUMBER.....#-41.....

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:

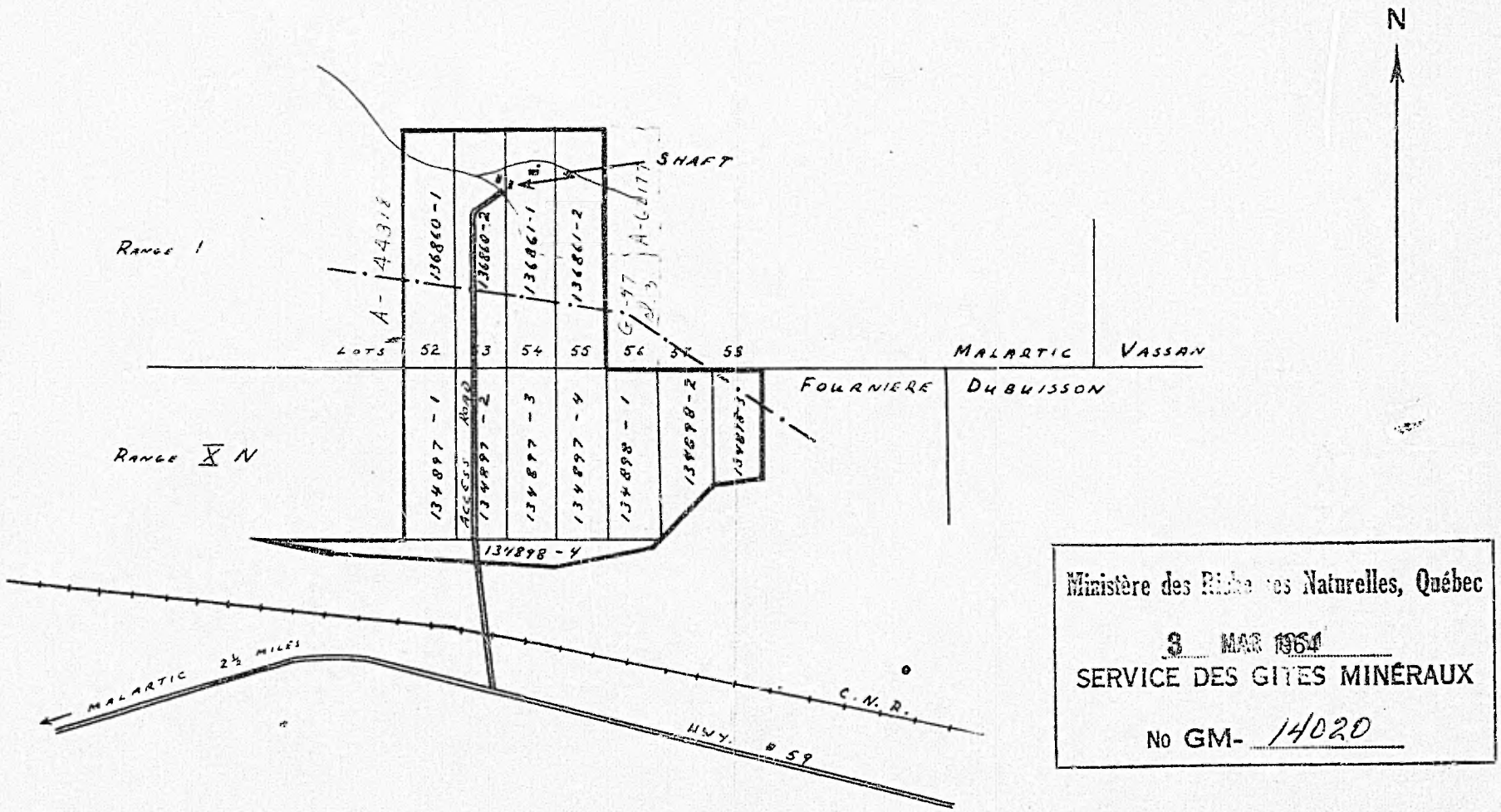
GEOLOGICAL 1"=20'.....

.....

.....

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.
		559 - 560 Minor pink feldspar alteration	2246	507.9	510.8		Tr.				
		560 - 562 Quartz vein. 1/2% pyrite	2247	510.8	513.2		.02				
		565 - 568 5% pyrite									
		571 - 575 4% pyrite. Highly silicified	2248	531.8	535		Tr.				
		575 - 582 2% pyrite. Medium "									
		582 - 587 1% "	2249	533.2	536.2		.005				
587	611	SEDIMENTS:									
		587 - 590 Highly silicified. Lt. grey conglomerate	2249	580	582.5		Tr.				
		some sericite. 1% pyrite	2250	582.5	585		.02				
		590 - 611 Lt. grey, conglomerate. Beds at 60°	2251	585	588		.04				
			2252	588	571.1		Tr.				
			2253	571.1	575		.04				
			2254	575	580		.02				
			2255	580	582		.02				
			2256	582	586.5		.02				
			2257	586.5	590		.03				



Ministère des Ressources Naturelles, Québec

8 MAR 1964

SERVICE DES GITES MINÉRAUX

No GM- 14020

CAMFLO MATTAGAMI MINES LTD.

LOCATION MAP

SCALE

0 ½ 1 1½

MILES