

Diamond Drilling



42A03NE0502 13 MCARTHUR

010

Township of McARTHUR

Report No: 13

Work performed by: PAYMASTER CONSOLIDATED MINES LIMITED

Claim No	Hole No	Footage	Date	Note
P 43441	1957-1	700'	Sept/57	
	1957-2	595'	Oct/57	
	1957-3	407'	Oct/57	
P 43435	1957-4	564'	Oct/57	

Notes:

File P. 43435

PAYMASTER CONSOLIDATED MINES, LTD.
(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

HOLE NO. 1957-1 SHAFT NO. Surface DATE December 28, 1957
 McArthur Township Claim 43441
 LOCATION 192' E. Post 4; 14' S. of north boundary DIRECTION N. 38° E. DIP -45°

SAMPLE NO.	Geology	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
0-10	Casing				
10-35	F.g. peridotite, XX	chicken tracks structure			thread sulphide at 23'
35-110	Dense olivine rich Pd;	joints out long at 59'; XX 72-78;			dark bx 92-102
		3" olivine at 107', graphite 98'			
110-135	Olivine rich serpentinized peridotite				
135-205	Olivine rich peridotite, softer;	G.C. 161-5; 172-6; 177-8; 179-182			
		G.C. 188-192; Chicken tracks 198-205.			
205-243	Harder peridotite with chicken tracks	XX structure			
243-256	Hard olivine rich peridotite				
256-273	Peridotite XX	cries-cross structure			
273-285	Lighter colored peridotite with graphite and sulphide	on joints			
285-305	Peridotite XX	structure			
305-317	Dark olivine rich peridotite				
317-350	Peridotite XX	structure. Box 325-350 mixed.			
350-379	Peridotite XX	structure, 356-7 ground core.			
379-450	Olivine rich Pd with fine cb str.	phases e.g. with crystals 1/4" giving a pseudo-breccia structure, softer; 433-4 G.C. XX 419 + 430-445.			
450-470	Massive dark green olivine rich Pd,	a few tiny str., 467 e.g.			
470-495	Softer coarse XX	structure, quite basic.			
495-505	Softer olivine rich Pd;	coarse XX structure			
505-511	Soft darker olivine rich Pd.				
511-516	Biotite schist	intrusive cut at 35°			
516-525	Very soft talc-serpentinized Pd;	XX structure			
525-567	Dark massive olivine rich Pd.	525-535 dark hard. 1/4" sulphide at 541			
567-625	Green mottled Pd;	carbonate crystals			
625-630	Chloritic peridotite with cube pyrite				
630-653	Talc-chlorite altered peridotite,	G.C. 639-642, 647-649 Biotite schist			
653-700	Quartz gabbro, slightly altered;	quartz str., 1/8" crystals.			
		700 End of hole			
Core logged by Geza Fagonyi and C. S. Longley,					
<i>C. S. Longley</i>					

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

HOLE NO. 1957-1 SHAFT NO. Surface DATE September 21, 1957

LOCATION McArthur Township Claim 43441 DIRECTION N. 38° E. DIP -45°

SAMPLE NO.	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
	192' East and 14' S. No. 4 Claim Post.			
17019	Peridotite	25' - 30'	60	nickel trace
17020	Peridotite, a few carbonate stringers	50' - 55'	60	0.20%
1	Peridotite	78' - 83'	60	trace
2	A little sulphide, 8% sulphide 100'-101'	96' - 101'	60	0.20%
3	Small stringers	130' - 135'	60	trace
4	Numerous small carb str	135' - 140'	60	trace
5	A little sulphide	166' - 171'	60	trace
6	A little sulphide	214' - 219'	60	trace
7	A little sulphide	243' - 248'	60	trace
8	A little sulphide	261' - 266'	60	trace
9	Graphite and sulphide	278' - 283'	60	0.10%
17030	A little sulphide and graphite	305' - 310'	60	trace
1	A little sulphide, Box mixed	340' - 345'	60	trace
2	A little sulphide on joints, very thin film	350' - 355'	60	trace
3	1/8" carb str out at 30° & 60°	395' - 400'	60	trace
4	A few fine str	410' - 415'	60	trace
5	Small stringers	445' - 450'	60	trace
17036	Tiny stringers	470' - 475'	60	trace
7	A few tiny str	495' - 500'	60	trace
8	Tiny stringers	505' - 510'	60	trace
9	Tiny stringers	545' - 550'	60	tr
17040	Small carbonate stringers	562' - 567'	60	tr
Qualitative analysis of 22 samples numbered 17019 - 17040 showed presence of nickel in all except 17029, in quantities estimated to be not higher than in 17020 & 22. L.A. Goedbloed.				
62909	Small stringers	585 - 590'	60	0.10%
62910	Small stringers	610' - 615'	60	.1% est
1	Cube pyrite	625' - 630'	60	<.10%
2	Peridotite, a few pyrite specks	658' - 663'	60	trace
3	Peridotite	693' - 698'	60	trace

End of hole 700'

Cone Logged by C. S. Longley.

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

*File
P-43435*

Original typed Oct 24, 1957

HOLE NO. 1957-2 SHAFT NO. Surface DATE December 28, 1957
 McArthur 190' E. of P-4 Claim 43441

LOCATION Township 17' S. of N. boundary. DIRECTION S. 38° W. DIP -45°

SAMPLE NO.	Geology DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
0-3	Casing			
3-86	Pyroxene rich peridotite with chicken tracks structure, G.C.	53-56'		
66-69	Green mottled peridotite			
69-81	Dark green hard pyroxene rich Pd. G.C.	81-84		
84-87	Soft talc chlorite G.C.	87-89		
89-110	Pyroxene rich peridotite with chicken tracks structure, chloritic to 95'			
110-119	Soft talc chlorite 111-112 harder			
119-135	Massive soft Pd with chicken tracks structure			
135-188	Massive pyroxene rich Pd, local XX structure, coarse XX at 150'			
188-205	Brown biotite, local XX structure			
205-224.5	Dark grey chicken tracks, a few strs, G.C.	210-215		
224.5-232	Fine to medium grained olivine rich basic intrusive.			
232-244	Peridotite with chicken tracks structure			
244-245	Pyroxene rich Pd.			
245-247	Fine carbonate strs, may be asbestos			
247-262	Soft chloritic Pd, fine talc strs, 257-260	Brown biotite, G.C.	262-267'	
267-268	Acid dyke			
268-275	Altered Pd with biotite & XX structure			
275-294	Pd with chicken tracks structure, 293- 1/2" cb str			
294-310	Dark grey gabbro, medium to fine grained, cb strs at 45° & 75°			
310-317	Carb grey gabbro, 2" cb str at 45° at 310' biotite,			
310-315	Fine grained pyrite, pyrrhotite & chalco.			
317-327	Talc-chlorite cb alteration, G.C. 327-330, a little pyrite at 325'			
330-369	Fine grained pyroxene rich peridotite, Box 344-369 upset.			
369-390	M.G. olivine rich peridotite, some jointing, 1/8" crystals, 389-90 Alt.			
390-391	Dark tuff			
391-395	Biotite lamprophyre			
395-396	Dark banded tuff cut at 45°			
396-406	Altered lava, hornblende schist.			
406-419	Highly altered Pd. Talc chlorite			
419-422	Biotite lamprophyre			
422-424	Quartz stringers in chlorite schist, G.C.	424-428		
428-431	Talc-chlorite, 19' of core.			
451-461	Biotite schist with cube pyrite up to 1/2", G.C.	454-7 + 465-9		
461-465	Talc chlorite			
465-507	Mottled gabbro, altered to 474'			
507-553	Dark medium grained fresh gabbro.			
553-562	Fine grained dark gabbro.			
562-595	Soft serpentized carbonatized gabbro.			

Core logged by C. S. Longley and Geza Pagonyi.

C. S. Longley

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

HOLE NO. 1957-2 SHAFT NO. Surface DATE October 24, 1957
 McArthur 190' E. post 4 claim 43441
 LOCATION Township: 17' S. of N. boundary DIRECTION S. 38° W. DIP -45°

SAMPLE NO.	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
62924	A little sulphide on joints	8' - 13'	60	<.2%Ni
5	Small stringers	66' - 71'	60	<.2%Ni
6	Small stringers	71' - 76'	60	0.2%Ni
7	Small str	105' - 110'	60	<.2%Ni
8	Small str, 1/8" str pyrrhotite at 133'	130' - 135'	60	<.1%Ni
9	Small str	140' - 145'	60	<.2%Ni
62930	Small str	170' - 180'	60	<.2%Ni
1	Small str	185' - 190'	60	<.2%Ni
63274	Gabbro: a few carb str & fine pyrite	224.5' - 229'	54	<.1%Ni
5	Chicken tracks	232' - 237'	60	<.1%Ni
62938	Small str, 1" min str	262' - 267'	60	<.1%Ni
62939	Small str	287' - 292'	60	Ni-tr
63276	Carbonatized gabbro, pyrite, pyrrho, & chalc	310' - 315'	60	<.1%Ni
62940	Small str	339' - 344'	60	<.1%Ni
1	Small str, (general sample) box mixed	344' - 369'	60	<.1%Ni
62942	3" pyrrhotite str at 391' cut at 45°	389' - 391'	24	tr-Ni
3	Disseminated pyrite in lamprophyre, Quartz str with fine cube pyrite	419' - 424'	60	Au-tr.
63277	Basic lava, carbonatized, talcose & pyrite	414' - 419'	60	tr-Ni
62944	Small str, a little sulphide	477' - 482'	60	<.1%Ni
63278	Greenish, grey carbonate, a few pyrite Xls	502' - 507'	60	<.1%Ni
62945	Small str	522' - 527'	60	<.1%Ni
63279	Fine grained gabbro, carbonatized, a little py	552' - 557'	60	tr-Ni
62949	Narrow carbonate stringers	577' - 582'	60	<.1%Ni
62950	Two narrow str, a little pyrite	587' - 592'	60	<.1%Ni

End of hole 595'
 Qualitative analysis of 7 samples numbered 62924-7, 62929-31 showed nickel content in all in quantities not more than in 62926.

Qualitative analysis on 62928, 62938-42, 62944-5, 62949-50, 63274-80 (17 samples) nickel present in all but not higher than in 62949 0.1%. Trace only in 62938, 62942, 63277, 63280.

L.A.G.

C. J. Longley.

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

*File
P-43435*

Original typed October 22, 1957

HOLE NO. 1957-3 SHAFT NO. Surface DATE December 24, 1957

McArthur Township, 400' S. of N. line claim 43441

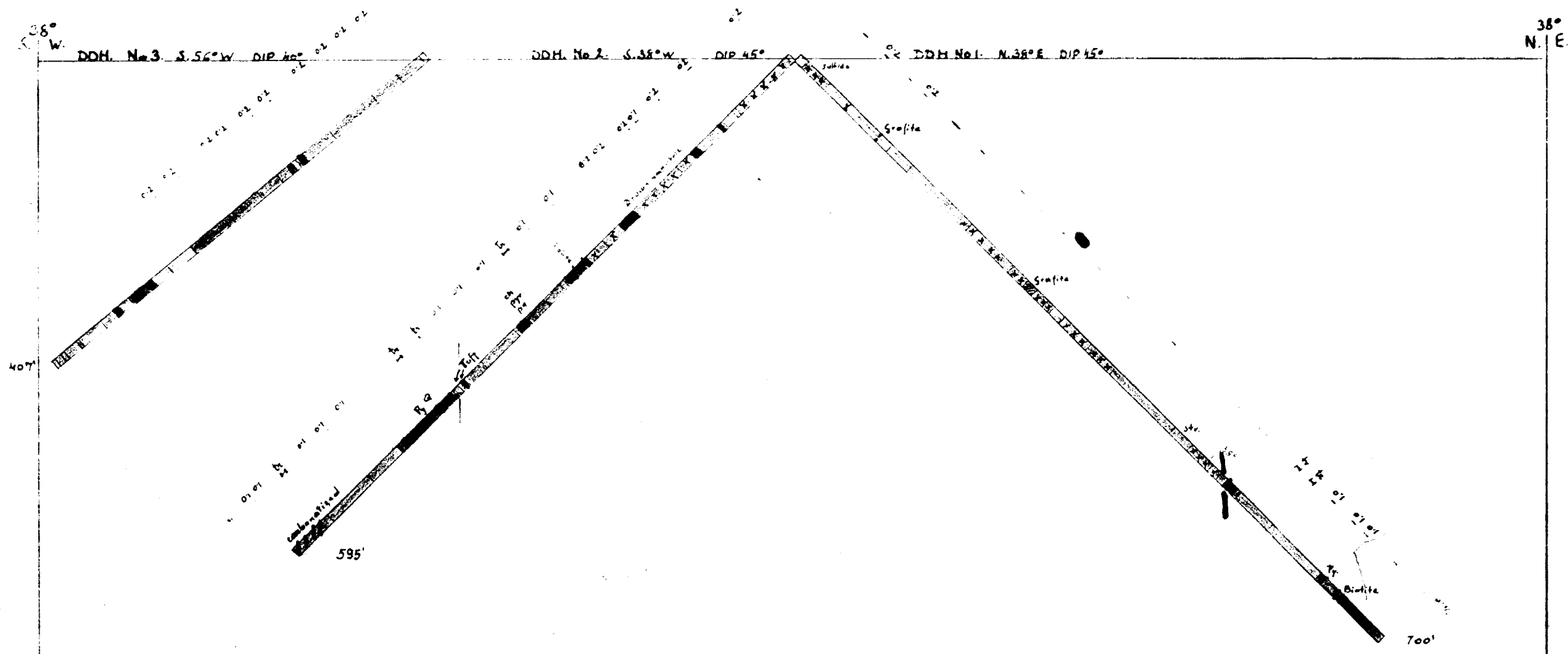
LOCATION 190' E. of W. line claim 43441

DIRECTION S. 56° W. DIP -40°

SAMPLE NO.	Geology, Core checked and specimens taken Dec. 1957. <small>DESCRIPTION</small>	FOOTAGE	WIDTH	VALUE OZ. TON
0- 4	Casing			
4- 29	Olivine rich peridotite or dark dunite type; 3/16" asbestos at 24', microlite on joints, threads of asbestos at 15' cut long, 1/16" crystals.			
29 - 57	Massive dark dunite type Pd. microlite joints cut longitudinally.. 1/8" asbestos at 32, 33', 35', 36'; 1/8" at 52'			
57- 104	Light green mottled dunite, magnetite streaks, 3/16" asbestos at 66', 71'; 1/8" soft brucite at 78', local brucite str, Asbestos str 83', 88', 91', 95', 98'.			
104-134	Dark olivine rich Pd. a few str out at 30° & 60°; 118-119 fine grained 132-134 Softer serp cb alteration, 1/16" crystals.			
134-137	Massive altered peridotite			
137-142	139 Biotite schist.			
139-142	Altered lava, a little pyrite			
142-146	Rhyolite tuff.			
146-148	Altered lava			
148-150	Scapstone.			
150-161	Fine grained contact phase of olivine rich peridotite			
161-184	Dark mottled olivine rich peridotite, local carb str			
184-204	Speckled gabbro, mesh structure, harder, 204-214 darker.			
214-244	Light and dark gabbro, 8" cb str at 226, light 214-6, 225-7, 229-231.			
244-256	Altered gabbro with 1/4" carb and talc str			
256-282	Partially altered lava with small quartz and carbonate stringers.			
282-298	Highly brecciated lava, very dark.			
298-303	Talc chlorite			
303-324	Fine grained gabbro dyke, talc chlorite at 316'			
324-334	Altered dark lava			
334-340	Talc chlorite			
340-354	Lava, a few amygdalae.			
354-379	Massive acid lava probably trachyte.			
379-382	G.C.			
382-395	A.P.L. andesite			
395-399	Massive lava or dyke.			
399-405	Amygdaloidal lava,			
405-407	Ground core			
407	End of hole			
Diamond drilling done by Wilfred Brochu Ltd.				
Core sampled and logged by Gaze Pagonyi and C. S. Longley.				
<i>C. S. Longley.</i>				

SECTION

SHOWING DIAMOND DRILL INTERSECTIONS OF PAYMASTER'S CLAIMS
MC ARTHUR TWP.



Scale 1" = 100'

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

HOLE NO. 1957-3 SHAFT NO. Surface DATE October 22, 1957

400' S. of N. line claim 43441

LOCATION McArthur Township, 190' E. of W. line DIRECTION S. 56° W. DIP -40°

SAMPLE NO.	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
62914	Brucite on joints	19' - 24'	60	<.2%Ni
5	Picrolite & brucite strs up to 1/4"	39' - 44'	60	<.2%Ni
6	Magnetite streaks	59' - 64'	60	<.2%Ni
7	Peridotite, asbestos, magnetite strs	84 - 89'	60	<.2%Ni
8	A few strs	124' - 129'	60	<.2%Ni
9	A little pyrite	144' - 149'	60	Tr-Au <.2%Ni
62920	A little pyrrhotite	169' - 174'	60	<.2%Ni
1	A few strs in gabbro	184' - 189'	60	<.2%Ni
2	Small strs, a little pyrite, taloy	223' - 228'	60	0.2%Ni
3	Small strs, a little pyrite	249' - 254'	60	<.2%Ni
62932	Small stringers, carb alteration	264' - 269'	60	tr-Au
3	Small strs, a little pyrite	284' - 289'	60	Au. tr
4	Small stringers	319' - 324'	60	tr
5	Small strs, a little pyrite	340' - 345'	60	tr
6	3-1" quartz stringers	360' - 365'	60	tr
7	Narrow mineralized stringers	395' - 400'	60	tr
End of hole 407'				
Qualitative analyses were made on samples 62914 to 62923 showing nickel				
in all of them but not more than in 62922 0.2%.				

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

July
P-43435

Original typed October 22, 1957

HOLE NO. 1957-4 SHAFT NO. Surface DATE December 24, 1957

McArthur Twp. 110' N. P-2 Claim 43435

LOCATION 36' N. of south claim line DIRECTION N. 36° E. DIP -35°

SAMPLE NO.	Geology	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
0-5	Casing,	later drilled to 22' past mud seam.			
5-92	Dark green olivine rich peridotite with sections 55-92 medium green. olivine mesh peridotite with fine sulphide specks.				
92-122	Dark green olivine rich Pd; 109-110 alteration probably short asbestos.				
122-123	Biotite schist				
123-123.3	Siliceous str or zone				
123.3-127.5	Hard altered peridotite, chloritic				
127.5-139	Carbonatized peridotite				
139-142	Iron Formation				
142-153	Gabbro with iron formation remnants				
153-165	Gabbro	155-158 G.C.			
165-166	Mineralized inclusion				
166-183	Gabbro like peridotite, probably chicken tracks at 174, quite soft,				
	175-178 Blackish inclusion, some pyrite				
183-191	Altered peridotite with carbonate sections.				
191-223	Chicken tracks peridotite, 209' stichtite				
223-258	Coarse grained olivine rich peridotite				
258-283	F.g. Pd, a little serp, Cb str at 260, 262 out at 75°, 271, 82 mag str				
283-349	O.R. Pd showing at deepening the m.g. structure. (out at 45°				
	Narrow magnetite str at 45° & 75°; strong serpn 298-303, a little pyrite				
	333-349 softer towards bottom, more cb str, 343 fine asbestos.				
349-351	Grey f.g. dyke cut at 45°, a little pyrite, chlorite				
351-358	F.g. Pd with yellow and green cb str; from 353 a little pyrite				
358-383	Altered f.g. Pd. 358-9, 362-3, 378-383 fine pyrite; cb str.				
383-391	Altered O.R. Pd, a little coarser grained, fine pyrite Xls, 372-383 softer; a few carb str out at 45°				
391-408	Medium grained O.R. Pd. 1/8" crystals.				
408-457	C.G. olivine rich Pd. 1/2" olivine crystals.				
457-475	Peridotite with local olivine crystal remnants; 2" cb at 467.				
475-483	Carbonatized soft Pd. 2" cb at 478.				
483-486	Altered peridotite				
486-520	Pyroxene rich gabbro, almost diabasic structure				
520-564	Fine grained massive basic lava, probably andesite, 545-546 gabbro dyke cut at 30°				
564	End of hole				
Diamond drilling done by Wilfred Brochu Ltd.					
Core sampled and logged by Ceza Pagonyi and C. S. Longley.					

C. S. Longley

PAYMASTER CONSOLIDATED MINES, LTD.

(NO PERSONAL LIABILITY)

DIAMOND DRILL RECORD

HOLE NO. 1957-4 SHAFT NO. Surface DATE October 22, 1957
 McArthur 110' W. #2 post Claim 43435
 LOCATION Township, 36' N. of S. claim line DIRECTION N. 36° E. DIP -35°

SAMPLE NO.	DESCRIPTION	FOOTAGE	WIDTH	VALUE OZ. TON
63251	A few stringers	10' - 15'	60	<.2%Ni
2	Small cb str & joints, very fine min	50' - 55'	60	<.2%Ni
3	Small str, a little sulphide	66' - 71'	60	<.2%Ni.
4A	Few pyrite crystals	96' - 101'	60	<.2%Ni
5	Some fine sulphides	125' - 130'	60	<.2%Ni
6	Some pyrite and hematite Au-tr.	146' - 151'	60	<.2%Ni
7	Some pyrite, local sphalerite	165' - 170'	60	Au-tr
8	1/8" sulphide str with carbonate at 199', local py.	198' - 203'	60	<.2%Ni
9	A little sulphide	213' - 218'	60	<.2%Ni
63260	Small cb str, probably with picrolite	241' - 246'	60	<.2%Ni
1	Carb str, a little pyrite	258' - 263'	60	<.2%Ni
2	Sepp dunite alt, few mag str carb str py	298' - 303'	60	<.2%Ni
3	Magnetite str, a little pyrite	318' - 323'	60	Au-tr
4	Carb str, few pyrite	353' - 358'	60	<.2%Ni
5	As above 63265,6,9, 63270,1 considerably	378' - 383'	60	<.2%Ni
6	A few carbonate stringers and pyrite	383' - 388'	60	<.2%Ni
7	Specks of sulphide	419' - 424'	60	<.2%Ni
8	A little sulphide	442' - 447'	60	<.2%Ni
9	Carbonate str, a little sulphide	473' - 478'	60	<.2%Ni
43270	galena at 500' 2-1/2" carb str min with pentlandite?	498' - 503'	60	<.2%Ni
1	1/8" carb str with sulphide	503' - 508'	60	<.2%Ni
2	Disseminated pyrite	518' - 523'	60	tr Ni
3	Small str, a little pyrite in lava	550' - 555'	60	<.2%Ni
63280	Altered gabbro? carb str, py str and specks. End of hole 564'	558' - 563'	60	N. tr / Au-tr
Sampled and Logged by Geza Pagonyi and C. S. Longley <i>C. S. Longley.</i>				

SECTION
 SHOWING DIAMOND DRILL HOLE NO 4. CLAIM 43435
 MC ARTHUR TWP.

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*File
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