DIAMOND DRILLING

AREA: PUKASKWA RIVER **REPORT NO:** 14

WORK PERFORMED FOR: Garry B. Carnovale

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
968443	K-9	506'	Sept/88	(1)
970958	K-15	400'	Feb/89	(1)
970941	K-17	618'	Feb/89	(1)
970983	K-19	428'	Feb/89	(1)

NOTES: (1) W9005.058, filed Mar/90

DIAMOND DRILL LOG AND HOLE LOCATIONS (HOLES K-9, K-15, K-17, K-19) FOR KAM CREED MINES LTD. AND KOALA RESOURCES LTD.

FOR

H. FERDERBER GEOPHYSICS LTD.

September 1989
Val d'Or (Québec)

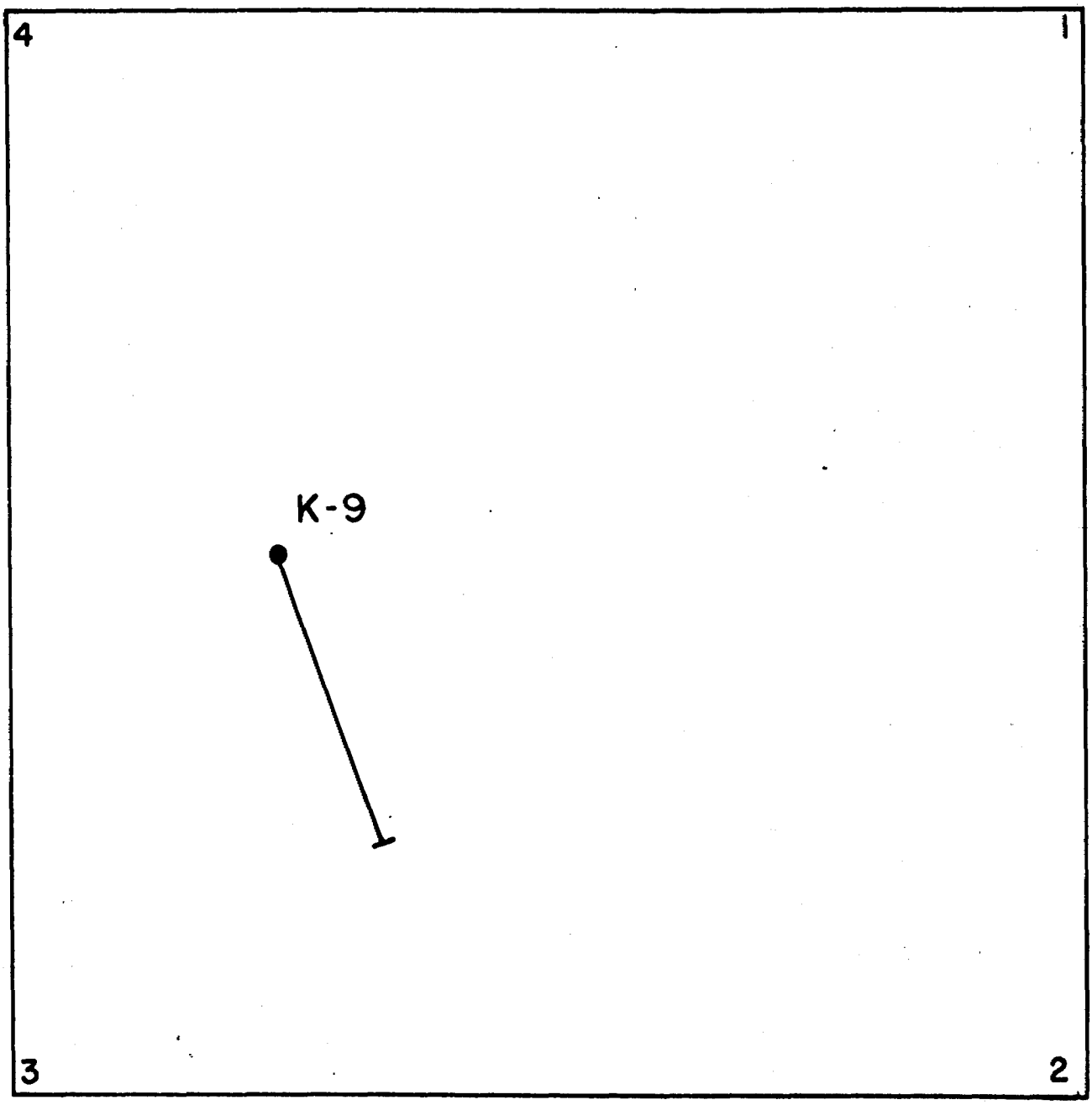
G.N. Henriksen, B.Sc.
Geologist

DIAMOND DRILL HOLE LOCATION MAP

N

Claim # 968443

Location: PUKASKWA RIVER AREA



Diamond Drill Hole
with Horizontal Projection

Scale: 1"=200'

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 1 of 8 **SECTION FROM** ____ **TO** ____ **STARTED** Frid. Sept. 16, 1988 pm

LATITUDE ____ **DATUM** L20W/305 200'E of line **COMPLETED** Mon. Sept. 19, 1988 7pm

DEPARTURE ____ **BEARING** 160° **ULTIMATE DEPTH** 506

ELEVATION ____ **DIP** -45° **PROPOSED DEPTH** 500'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 13.5	OVERBURDEN				
13.5 - 113.2	Granodiorite, grey white with green and brown specs, fine to medium grained, 60% plag. 5% quartz, 30% green amphibole 5% biotite, <1% disseminated sulphides in frequent rare fracture contain quartz + chlorite rare quartz veinlet <1/8", gradational grain size variation with depth				
	43 - 44.7 10% brick red mineral (jasper?)	03657	1.7	nil	
	46 - 61 representative sample	03658	5.0	nil	
	96 - 101 representative sample 03659	03659	5.0	nil	
	111.2-113.2 lower contact sharp 45° to core axis vinear chlorite along contact surface	03660	2.0	nil	
113.2- 143.1	Metasediments, light grey and reddish ligh grey bands, frequent garnetiferous bands, bands 1/8"-4" suggestive of bedding, occasional quartz lense or vein, infrequent fracture contain chlorite banding 75° to core axis, 1-5% disseminated sulphide				
	113.2-115.5 upper contact 1-2% disseminated sulphide	03661	2.3	nil	
	115.5-116.7 Two 1" quartz veins, 2% disseminated sulphide	03662	1.2	nil	
	116.7-121.0 representative sample	03663	4.3	nil	
	121.0-122.7 two 1" quartz veins, 5% disseminated sulphide	03664	1.7	nil	

DRILLED BY Forages A Diamants Alexandre Inc. **SIGNED** Gordon McGibbon

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 2 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
113.2 - 143.1	continued				
	122.7-123.9 3" quartz vein with chlorite + 1% disse-	03665	1.2	nil	
	123.9-126 5" quartz chlorite vein 3-4% disseminated sulphide	03666	2.1	nil	
	126.0-131.0 garnet poor section 1-2% diseminated	03667	5.0	nil	
	131-133.6 2-4% very fine disseminated sulphide garnet poor, no quartz veining	03668	2.6	nil	
	133.6-138 same 131-133.6	03669	4.4	nil	
	138-143.1 1-2% disseminated, garnet poor, no quartz	03670	5.1	nil	
143.1 - 145.3	White biotite Granite dyke, occasional fracture contain chlorite, 2% disseminated sulphide	03671	2.2	nil	
145.3 - 156.9	gneissic quartzite, darker and lighter metasediment grey bands trace sulphides, weak fabric due to biotite				
	148.8-150.0 2.5" and 1/4 quartz vein	03672	1.2	nil	
	155.6-156.9 lower contact	03673	1.3	0.01	
156.9 - 164.5	Granodiorite as above 13.5-113.2 1% disseminated sulphide, occasional fracture vinear of chlorite				
	156.9-158.2 Upper contact, 2% disseminated sulphide	03674	1.3	nil	
164.5 - 185.5	Metasedimentary greyish pink and greyish white gneissic lamilli, garnet rich throughout section <0.5 mm in size <1% sulphide, gneissocity 40° to core axis				

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 3 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept. 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
164.5 - 185.5	continued							
	166-169.2 1% disseminated sulphides	03675	3.2	nil				
	173.5-175.4 weak moderate chloritized quartzitic band	03676	1.9	nil				
	181.9-184.2 4" weak moderate chloritized quartz band 1% disseminate	03677	3.3	nil				
185.5 - 195.5	Granodiorite, as above 13.5 to 113.2 <1% disseminated sulphide							
195.8 - 197	Diorite, grass green, very fine grained 2% disseminated sulphide	03678	1.2	nil				
197 - 203.5	Granodiorite as above 13.5-113.2							
203.5 - 274.8	Intermediate - mafic metavolcanic, dark greenish blue to black, aphanitic massive occasional fracture contain vinear chlorite trace sulphide, 1-2% disseminated increasing to 2-3% with depth, up to 25% pyrite + pyrrhotite as stringer near lower contact stringer at 55° to core axis							
	218.3-223.2 1-2% disseminated sulphides representative	03679	4.9	nil				
	228.9-231.8 3" garnetiferous band, weakly chloritized	03680	2.9	nil				
	231.8-232.9 4" carbonated + quartz vein with 10% jasper along margins, medium chloritized	03681	1.1	nil				
	232.9-236 moderate - weakly chloritized	03682	3.1	nil				

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 4 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept; 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
203.5 - 274.8 continued							
	246 - 250.5 1-2% disseminated trace epidote	03683	4.5	nil			
	253.9-255.3 2-3% disseminated sulphide and as whisps	03684	1.4	nil			
	265.5-271.0 2-4% disseminated sulphide and as whisps	03685	5.5	nil			
Conductive zone	271.0-273.8 25% sulphide as stringer, highly silicified	03686	2.8	nil			
	pyrrhotite: pyrite 10:1						
	273.8-274.8 25% sulphides, lower contact silicified	03687	1.0	trace			
274.8 - 279.5	White biotite granite, fine grained quartz rich, massive						
	Aug. 1-2% disseminated sulphides						
	274.8-276.0 upper contact 3-4% disseminated sulphide	03688	1.2	nil			
279.5 - 288.9	Intermediate-mafic metavolcanic, massive dark, grass green						
	aphanitic, 3-5% disseminated sulphides						
	282.-286 as described	03691	4.0	nil			
288.9 - 299.8	Intermediate-mafic metavolcanics, anastomosy stringer like						
	green and red patches in a grey white background, garnet						
r	rich, highly silicified, 1-8% sulphides as whisps and						
	disseminate						
	288.9-292.7 5-8% disseminate	03689	3.8	nil			
	292.7-297.8 1% disseminate	03690	5.1	nil			
	297.8-299.8 1-2% disseminate lower contact	03692	2.0	nil			

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 5 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept. 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept. 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
299.8 - 308.8	Quartz-biotite granitic gneiss, greyish white, dyke						
	very fine grained, 1-3% disseminated sulphides, similar						
	to 274.8-279.5						
	299.8-305.7 1-2% disseminated sulphides	03693	5.9	nil			
	305.7-308.8 2-3% disseminated sulphides	03694	3.1	nil			
308.8 - 334.7	Intermediate to mafic metavolcanics dark grass green to						
	blueish black, aphanitic massive, infrequent fracture						
	contain vinear chlorite 1-5% disseminated sulphides						
Conductive zone	308.8-309.9 20-25% pyrrhotite, 1-2% pyrite as stringers	03695	1.1	nil			
	upper contact transitional highly silicified						
	309.9-311.9 1-3% disseminate, 1.5" garnetiferous band	03696	2.0	nil			
	321.9-323.8 3-5% fine disseminated sulphide	03697	1.9	nil			
	327.1-330.3 highly siliceous 10% pyrrhotite, 1% pyrite	03698	3.2	trace			
	as anastamosy stringers, 1" quartz vein						
	330.3-334.7 3-5% fine disseminated sulphides	03864	4.4	nil			
334.7-357.3	Granodiorite as above 13.5-113.2, 1-3% disseminated sulphides						
	334.7-336 upper contact 30° to core axis, 2-3% disse-	03699	1.3	nil			
	355-357.3 lower contact 40° to core axis, heavily to	03700	2.3	nil			
	moderate chloritized, brick red mineralization						
	1mm spots (jasper?) 1-2% disseminated sulphides						

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 6 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept. 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept. 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
357.3 - 362.6	Metabasalt, black, aphanitic, massive, infrequentfracture contain trace chlorite + carbonate 1-2% disseminated sulphides				
	357.3-358.9 upper contact	03851	1.6	nil	
362.6 - 365.9	Quartz-biotite-granitic gneiss as above 299.8-308.8 <1% disseminated sulphdes				
365.9 - 380.8	Metabasalt, grey black aphanitic, pyroxene phenocrysts, occasional garnetiferous band, infrequent quartz vein, 1-8% disseminated sulphides				
	366.8-369 8% very fine disseminated sulphides	03852	2.2	nil	
	378.9-380 2.5" quartz carbonate vein	03853	1.1	nil	
380.8 - 381.5	Quartz-biotite-granitic gneiss as above 299.8-308.8 <1% diseminated sulphides				
381.5 - 388.3	Metabasalt, as above 365.9-380.8 1-4% disseminated sulphides				
	381.5-383.6 Three 1" carbonate veins, weak fabric 4% disseminated sulphides	03854	2.1	nil	
	383.6-385.4 frequent garnetiferous bands, 3-4% finely disseminated sulphides	03855	1.8	nil	
388.3 - 407.3	Quartz-biotite-granitic gneiss as above 299.8-308.8, <1% disseminated sulphides				

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 7 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept. 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept. 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
388.3 - 407.3	Continued				
	402.8-403.7 quartz + carbonate vein with reddened margins, 1" vein and red colouration over 5"	03856	0.9	nil	
	405.8-407.3 3" quartz + carbonate vein with whisps of red mineral (jasper?), lower contact distinct 65° to core axis, core is lighter grey with irregular whisps stringers of quartz + (jasper?) red mineral, <1% disseminated sulphides	03857	1.5	nil	
407.3 - 486.3	Metabasalt, greyish black, aphanitic, phenocrysts of pyroxene occasional to infrequent garnetiferous band, rare quartz vein, infrequent fracture, contain chlorite + trace sulphides magnetic, 1-2% disseminated sulphides				
	407.3-412 upper contact	03858	4.7	nil	
	412-413.1 1" quartz vein, 2" quartz + carbonate vein	03859	1.1	nil	
	420.8-421.8 3.5" quartz + carbonate vein, garnet rich	03860	1.0	nil	
	441-446.0 representative sample as described	03861	5.0	nil	
	461-466.0 representative sample as described	03862	5.0	nil	
	472.1-472.8 1/2" quartz bein with 1% disseminated with associate chlorite, 2% disseminated sulphides	03863	0.7	nil	

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. **HOLE NO.** K-9

SHEET NUMBER 8 of 8 | SECTION FROM ____ TO ____ | STARTED Fri. Sept 16, 1988 pm

LATITUDE ____ | DATUM L20W/305 200'E of line | COMPLETED Mon. Sept 19, 1988 7pm

DEPARTURE ____ | BEARING 160° | ULTIMATE DEPTH 506

ELEVATION ____ | DIP -45° | PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	484.1-485 2" granitic quartz vein	03865	0.9	nil	
	485-486.3 lower contact, 2% disseminated sulphides	03866	1.3	nil	
486.3 - 487.6	Breccia, 70% chlorite matrix, carbonate + quartz	03867	1.3	nil	
	fragments, 1/4"blebs of pyrite, 1" section of brick red	matrix			
	with chloritic clasts.				
487.6 - 489.6	Granodiorite, greyish white with brown and green specs	03868	2.0	nil	
	fine grained except at lower contact where 3" section of				
	porphoritic pyroxene lower contact t 50° to core axis				
	<1% disseminated sulphides				
489.6 - 506	meta-basalt as above 407.3-486.3, 1-2% disseminated				
	sulphides				
	498.6-499.9 5% disseminated and as whisp like discon-	03869	1.3	nil	
	tinuous stringers, frequent garnetiferous				
	band				
	506' END OF HOLE				
	506' ACID TEST observed: 56.5°				
	corrected: 48°				

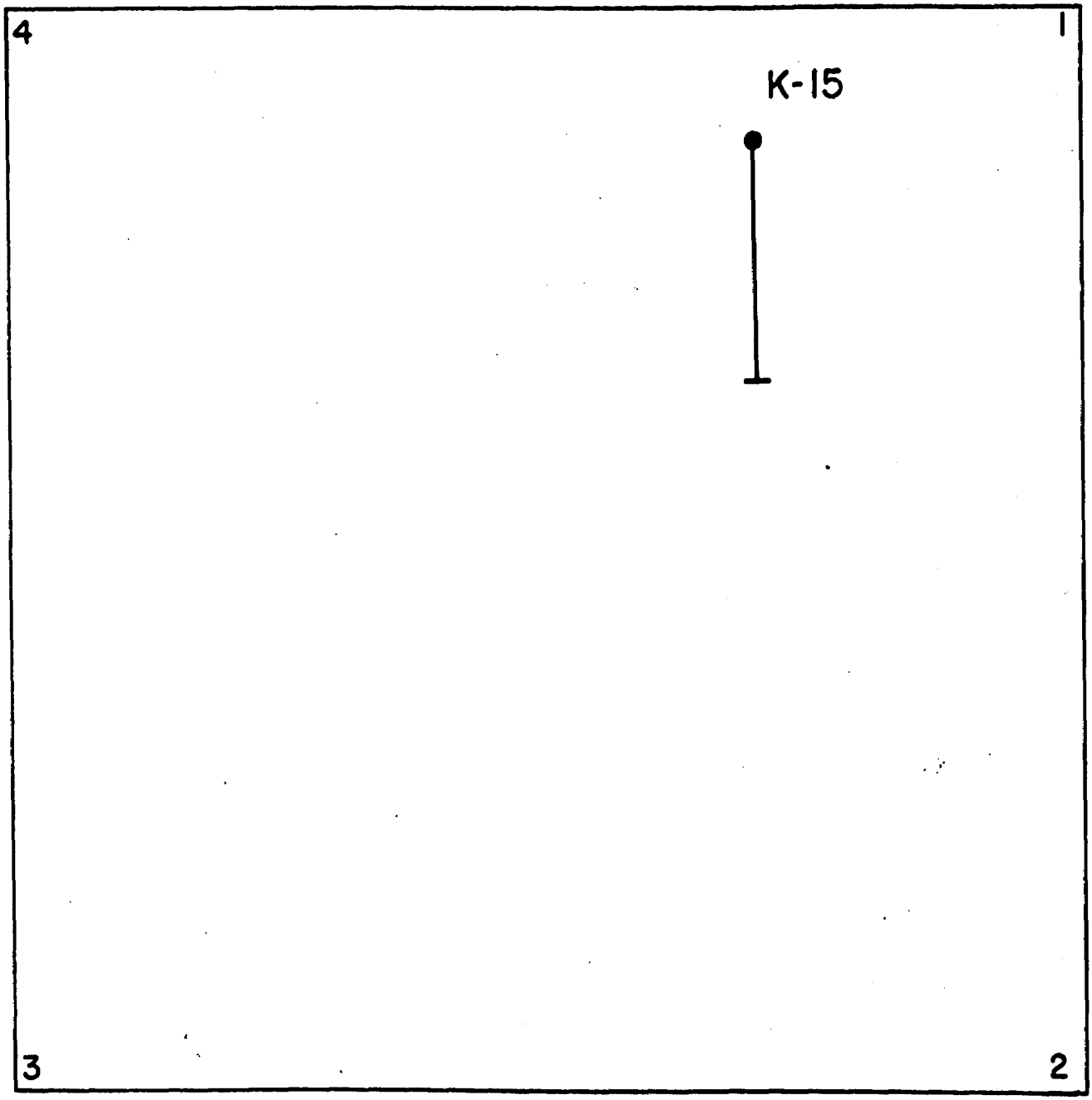
DRILLED BY ..... SIGNED .....

DIAMOND DRILL HOLE LOCATION MAP

N

Claim # 970958

Location: PUKASKWA RIVER AREA



Diamond Drill Hole
with Horizontal Projection

Scale: 1" = 200'

KAM CREED MINES LTD. PAGE: 1

HOLE NO.: K-15

PUKASKWA RIVER AREA

NORTHING: 4+00 N BEARING: 180
EASTING: 44+00 E DIP: -45

STARTED: February 8, 1989
COMPLETED: February 9, 1989
ULTIMATE DEPTH: 400 Feet
PROPOSED DEPTH: 400 Feet

DRILLED BY: Olympic Drilling LOGGED BY: G. Henriksen

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
0.0	55.5	OVERBURDEN									
55.5	61.9	DIORITE Light grass green and white laths, fine to medium-grained, equigranular, hypidiomorphic, holocrystaline, 54% green amphibole, 45% plagioclase, 1% disseminated sulphides, occasional fracture containing trace chlorite, carbonate.									
		55.5 60.0 Representative sample.	07187	55.5	60.0	4.5	Nil				
61.9	63.0	MAFIC DYKE Dark gray, aphanitic, upper contact sharp 31 degrees to core axis, lower contact sharp 54 degrees to core axis, upper 0.5 ft fractured, filling carbonate, trace chlorite and jasper ?, 2% disseminated sulphides in fractured section.	07188	61.9	63.0	1.1	Nil				
63.0	91.0	DIORITE Same as 55.0-61.9.									
		63.0 68.0 Medium-grained, upper contact	07189	63.0	68.0	5.0	Nil				
		69.9 74.9 Fine-grained, weakly magnetic	07190	69.9	74.9	5.0	Nil				
		85.9 88.0 0.6 ft medium to coarse-grained and vuggy with 1% limonite.	07191	85.9	88.0	2.1	Nil				
		88.0 91.0 Lower contact gradational over 2 inches, 2 inch coarse-grained bleb with weak Fe staining.	07192	88.0	91.0	3.0	Nil				
91.0	127.1	GABBRO Dark bluish-gray, fine-grained, massive, occasional fracture containing chlorite +/- carbonate +/- talc, magnetic, biotite rich >= 10%,									

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
		up to 1% disseminated sulphides.									
		91.0 95.9 Upper contact, representative	07193	91.0	95.9	4.9	Nil				
		95.9 96.8 1 inch quartz carbonate stringer 21 degrees to core axis.	07194	95.9	96.8	0.9	Nil				
		118.0 123.0 Representative sample, rare fracture.	07195	118.0	123.0	5.0	Nil				
127.1	140.9	GREEN GABBRO Fine-grained, non-magnetic, up to 2% biotite, occasional fracture containing carbonate + quartz +/- chlorite +/- talc +/- jasper ?), up to 1% disseminated sulphides, contacts are gradational.									
		127.1 131.5 Representative, 0.5 inch quartz stringer.	07196	127.1	131.5	4.4	Nil				
140.9	146.7	GABBRO Same as 91.0-127.1.									
146.7	154.4	GREEN GABBRO Same as 127.1-140.9, bluish gray.									
154.4	172.2	GABBRO Same as 91.0-127.1.									
		154.4 160.5 Moderately to strongly magnetic.	07197	154.4	160.5	6.1	Nil				
172.2	187.8	GREEN GABBRO Same as 127.1-140.9, rare fracture.									
187.8	189.8	GABBRO Same as 91.0-127.1, bluish gray.									
189.8	207.7	GREEN GABBRO Same as 127.1-140.9.									
		202.7 207.7 Lower contact 45 degrees to core axis, representative.	07198	202.7	207.7	5.0	Nil				

KAM CREED MINES LTD. PAGE: 3

HOLE NO.: K-15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
207.7	208.0	QUARTZ-CARBONATE-CHLORITE ZONE With brick red mineral (jasper ?).	07199	207.7	208.0	0.3	Nil				
208.0	240.6	DIORITE Blue and pinkish white specks-laths, fine to medium-grained, spotty brownish brick red alteration increasing with depth, up to 1% disseminated sulphides.									
		208.0 213.2 Representative sample.	07200	208.0	213.2	5.2	Nil				
		219.4 223.9 Moderately altered.	07201	219.4	223.9	4.5	Nil	Nil			0.006
		223.9 224.9 0.1 ft quartz carbonate vein, 2 inch margins chlorite altered.	07202	223.9	224.9	1.0	Nil				
		233.0 237.0 Representative sample.	07203	233.0	237.0	4.0	Nil				
		237.0 240.6 Lower contact gradational over 2 inches, 1 inch quartz + carbonate vein.	07204	237.0	240.6	3.6	Nil				
240.6	254.9	DIABASE DYKE Dark gray, aphanitic, moderately to heavily fractured with brown-red clay occasional quartz + carbonate veining and weak brecciation in heavily fractured section, no apparent sulphides.									
		240.6 243.5 Upper contact, red carbonate reacts to cold HCl.	07205	240.6	243.5	2.9	Nil				
		243.5 247.6 Adjacent heavily fractured section.	07206	243.5	247.6	4.1	Nil				
		247.6 252.4 Heavily fractured and altered section.	07207	247.6	252.4	4.8	Nil				
		252.4 254.9 1 inch clay + carbonate vein, lower contact.	07208	252.4	254.9	2.5	Nil				
254.9	260.0	DIORITE Pink and green medium-grained diorite in down dip contact with aphanitic dark gray dyke.	07209	254.9	260.0	5.1	Nil				
260.0	261.3	METASEDIMENT / TUFF ? Anastomosing dark gray and red-brown bands 81 degrees to core axis relict bedding ?, distinct jagged upper and lower contacts approx. 30 degrees to core axis, stongly magnetic,	07210	260.0	261.3	1.3	Nil				

KAM CREED MINES LTD. PAGE: 4

HOLE NO.: K-15

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
		aphanitic, 5-10% very fine disseminated sulphides.									
261.3	262.4	DIORITE Same as 254.9-260.0.									
262.4	269.5	METASEDIMENT / BASALT Dark gray, reddish brown hue in places, aphanitic, numerous paleo fracture haloes, strongly magnetic, up to 10% very finely disseminated sulphides, distinct upper contact, lower contact indistinct grades into a non-magnetic fine-grained gray + white diorite.									
		262.4 268.0 Representative sample.	07212	262.4	268.0	5.6	Nil	Nil	0.004	0.017	
		268.0 269.5 Lower 0.5 ft diminishing magnetics.	07213	268.0	269.5	1.5	Nil				0.006
269.5	273.3	DIORITE Gray and white (salt and pepper), very fine-grained, non-magnetic, trace disseminated sulphides.	07214	269.5	273.3	3.8	Nil				
273.3	276.5	DIORITE Green and pink, medium to fine-grained, 1% disseminated sulphides, non-magnetic.	07215	273.3	276.5	3.2	Nil				
276.5	289.7	GABBRO Gray-green, leucocratic, fine-grained, magnetic, gradational upper contact over 2 inches, up to 1% disseminated sulphides.									
		276.5 279.4 Representative sample.	07216	276.5	279.4	2.9	Nil				
289.7	294.7	GABBRO / DIORITE Gradational contact, magnetic, 1% disseminated sulphides.	07217	289.7	294.7	5.0	Nil				
294.7	391.4	DIORITE Green and white specks and laths, fine to medium-grained, leucocratic to mesocratic, magnetic, massive, rare									

KAM CREED MINES LTD. PAGE: 5

HOLE NO.: K-15

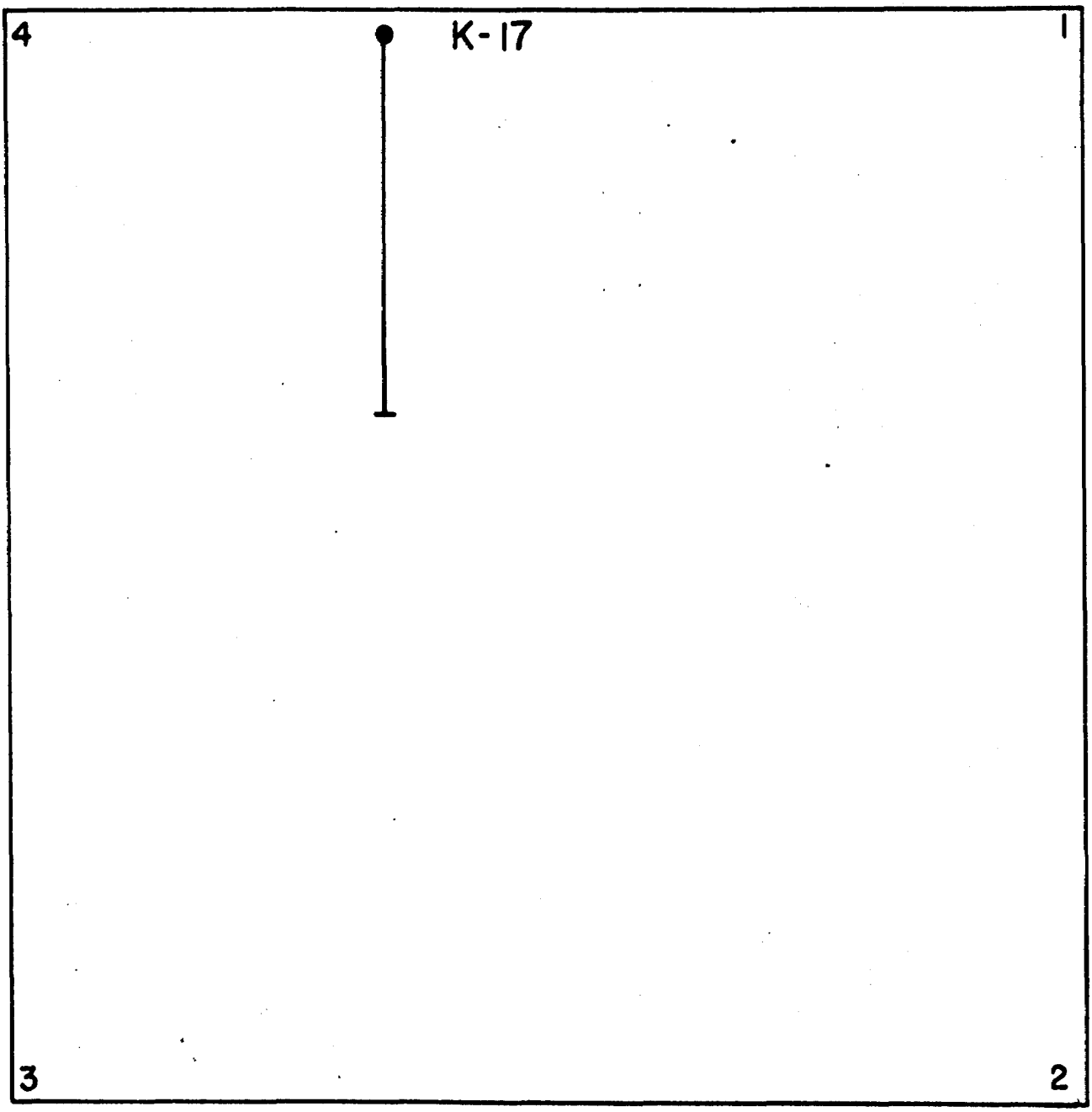
FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
		fracture, 1% disseminated sulphides.									
	312.0	317.0 Representative sample.	07218	312.0	317.0	5.0	Nil				
	339.1	344.3 Medium-grained.	07219	339.1	344.3	5.2	Nil				
	354.3	359.2 Leucocratic, medium-grained	07220	354.3	359.2	4.9	Nil				
	384.2	385.1 Weakly chloritic, concen medium-grained green amphibole.	07221	384.2	385.1	0.9	Nil				
	388.0	391.4 Fine-grained, lower contact	07222	388.0	391.4	3.4	Nil				
391.4	400.0	GRANITE									
		White with green and pink specks, medium to fine-grained, massive.									
	391.4	395.1 1% disseminated sulphides, weakly magnetic, upper contact 65 degrees to core axis.	07223	391.4	395.1	3.7	Nil				
	400.0	-- END OF HOLE --	ACID TEST:		Observed -48.5° Corrected -41°						

DIAMOND DRILL HOLE LOCATION MAP

N

Claim R 970941

Location: PUKASKWA RIVER AREA



Diamond Drill Hole with Horizontal Projection

Scale: 1" = 200'

KAM CREED MINES LTD. PAGE: 1

HOLE NO.: K-17

PUKASKWA RIVER AREA

NORTHING: 17+75 N BEARING: 180
EASTING: 40+00 E DIP: -45

STARTED: February 10, 1989
COMPLETED: February 13, 1989
ULTIMATE DEPTH: 618 Feet
PROPOSED DEPTH: 500 Feet

DRILLED BY: Olympic Drilling LOGGED BY: G. Henriksen

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
0.0	8.5	OVERBURDEN									
8.5	9.0	GRANITE White with black flakes, fine-grained, massive.									
9.0	13.4	DIORITE DYKE Dark blue gray with white laths, very fine-grained, frequent gossaned fracture, non-magnetic, trace disseminated sulphides, blocky core.									
13.4	39.3	QUARTZITE / GREYWACKE Tuff ?. Light gray -greenish gray, frequent fracture with rusty brownish yellow gossan, up to 1% disseminated sulphides									
	13.4 18.0	Quartzite, fractures approx. 45 degrees to core axis.	07370	13.4	18.0	4.6	Nil				
	34.9 39.3	Lenticular white spots, weak fabric 40 degrees to core axis, Tuff ?.	07383	34.9	39.3	4.4	Nil				
39.3	48.2	DIORITE DYKE Same as 9.0-13.4.									
48.2	110.0	QUARTZITE / GREYWACKE Tuff ?. Same as 13.4-39.3, upper contact ~ 35 degrees to core axis.									
	48.2 53.2	Greywacke, moderately silicified.	07371	48.2	53.2	5.0	Nil				
	61.1 64.1	Greywacke, white spots, trace sulphides.	07372	61.1	64.1	3.0	Nil				
	66.0 69.4	Anastomosing fabric 15 degrees to core axis, vuggy.	07373	66.0	69.4	3.4	Nil				
	78.5	Fabric 22 degrees to core axis.									

KAM CREED MINES LTD. PAGE: 2

HOLE NO.: K-17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
	94.0	98.9 Quartzite, 5% sericite.	07374	94.0	98.9	4.9	Nil				
	106.0	110.0 Quartzite, no apparent sulphides.	07375	106.0	110.0	4.0	Nil				
110.0	119.0	FELSIC METAVOLCANIC Light gray green, aphanitic, occasional chloritic fracture weakly gossaned, felted sericitic texture, weak fabric 25 degrees to core axis, trace sulphides.									
	110.0	114.8 Representative.	07376	110.0	114.8	4.8	Nil				
119.0	179.1	QUARTZITE / GREYWACKE Gray with white spots, weak fabric, occasional fracture containing trace talc, carbonate, chlorite, pyrite infrequently yellow brown gossan, infrequent quartz stringer, trace disseminated sulphides, upper contact indistinct, lower contact sharp 74 degrees to core axis (adjacent to granitic dyke).									
	128.0	133.0 Representative sample.	07377	128.0	133.0	5.0	Nil				
	148.0	153.2 Representative sample, 1 inch quartz vein.	07378	148.0	153.2	5.2	Nil				
	167.5	169.4 Reddish brown spots up to 1.0 cm (garnet ?).	07379	167.5	169.4	1.9	Nil				
	170.1	175.2 Numerous hairline fractures	07386	170.1	175.2	5.1	Nil				
	175.2	179.1 Representative sample.	07380	175.2	179.1	3.9	Nil				
179.1	188.2	GRANITE Gray to gray white with green spots, medium to fine-grained, holocrystalline, hypidiomorphic, massive, trace sulphides.									
	179.1	184.4 Representative.	07381	179.1	184.4	5.3	Nil				
	184.4	188.2 Pink spots <= 1.0 cm, gradational contact to diorite.	07382	184.4	188.2	3.8	Nil				
188.2	258.1	DIORITE Green and white specks randomly oriented, very fine-grained to medium-grained, average fine-grained, occasional fracture containing veneer									

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
		carbonate and /or chlorite +/- trace pyrite, rare quartz stringer, non-magnetic, up to 1% disseminated sulphides.									
		188.2 190.9 Upper contact, very fine-grained, frequent fracture.	07384	188.2	190.9	2.7	Nil				
		208.0 213.0 Fine-grained, representative.	07385	208.0	213.0	5.0	Nil				
		238.0 243.0 Fine-grained, representative.	07386	238.0	243.0	5.0	Nil				
		254.7 258.1 Lower contact sharp 36 degrees to core axis.	07388	254.7	258.1	3.4	Nil				
258.1	309.8	DIABASE DYKE Dark green gray, very fine-grained to aphanitic, occasional fracture containing carbonate + chlorite + trace pyrite, non-magnetic, 1% disseminated sulphides.									
		258.1 263.0 Representative sample.	07389	258.1	263.0	4.9	Nil				
		296.3 301.1 Representative sample.	07390	296.3	301.1	4.8	Nil				
309.8	347.1	DIORITE Same as 188.2-258.1.									
		309.8 314.8 Upper contact 30 degrees to core axis, sharp.	07391	309.8	314.8	5.0	Nil				
		318.4 323.6 2% disseminated sulphides, 0.5 ft quartz veinlet.	07392	318.4	323.6	5.2	Nil				
		346.0 347.1 Lower contact gradational.	07393	346.0	347.1	1.1	Nil				
347.1	412.1	DIORITE Dark green with tiny white laths, fine-grained to aphanitic, average very fine-grained, weakly magnetic between 358.0-383.2, increasing chlorite alteration between 384.9-412.1,. Lower contact indistinct, 1-2% disseminated sulphides, fractures contain chlorite + veneer red clay.									
		351.5 353.5 Frequent fracture with quartz + carbonate + talc + chlorite.	07394	351.5	353.5	2.0	Nil				
		368.9 374.0 Occasional fracture with chlorite + carbonate, magnetic.	07395	368.9	374.0	5.1	Nil				

KAM CREED MINES LTD. PAGE: 4

HOLE NO.: K-17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
378.0	383.2	Magnetic, very fine-grained, occasional quartz stringer.	07396	378.0	383.2	5.2	Nil				
384.9	388.0	Moderately fractured, carbonate enriched.	07397	384.9	388.0	3.1	Nil				
392.8	398.0	Weak to moderate chlorite alteration.	07398	392.8	398.0	5.2	Nil				
403.1	407.3	Moderate chlorite alteration, frequent carbonate stringer.	07399	403.1	407.3	4.2	Nil				
407.3	412.1	Brecciated, carbonate and brick red mineral (jasper ?) matrix.	07400	407.3	412.1	4.8	Nil				
412.1	479.3	INTERMEDIATE TO FELSIC METAVOLCANIC Tuffaceous, anastomosing mottled greyish white and grass green with irregular orange-red blebs/patches, frequent quartz stringers and fractures with chlorite + carbonate, unevenly distributed disseminated sulphides 1-8%, orange red mineral rhombohedral = ankerite ?.									
412.1	417.2	Moderately chloritized upper contact.	07401	412.1	417.2	5.1	Nil				
423.0	428.0	Representative sample.	07402	423.0	428.0	5.0	Nil				
428.0	431.1	Moderate to heavily silicified.	07409	428.0	431.1	3.1	Nil				
431.1	436.1	Moderate to heavily silicified.	07410	431.1	436.1	5.0	Nil				
436.1	440.5	2% disseminated pyrite.	07403	436.1	440.5	4.4	Nil				
445.0	447.7	2% disseminated pyrite.	07404	445.0	447.7	2.7	Nil				
450.0	453.5	3% ankerite, 2% pyrite, crystal-tuff.	07405	450.0	453.5	3.5	Nil				
453.5	454.0	8% pyrite, numerous quartz lenses.	07406	453.5	454.0	0.5	Nil				
454.0	456.4	Partly magnetic, 5% sulphides, 2.0 inch quartz veining.	07407	454.0	456.4	2.4	Nil				
456.4	459.0	Numerous quartz veinlets.	07408	456.4	459.0	2.6	Nil				
466.0	470.7	Numerous quartz veinlets, 2% sulphides.	07411	466.0	470.7	4.7	Nil				
470.7	474.8	2-3% sulphides.	07412	470.7	474.8	4.1	Nil			0.001	
474.8	479.3	Lower contact sharp 24 degrees to core axis.	07413	474.8	479.3	4.5	Nil				
479.3	497.3	DIABASE DYKE Olive green with light greenish white laths, very fine-grained to aphanitic,	07414	479.3	484.0	4.7	Nil				

KAM CREED MINES LTD. PAGE: 5

HOLE NO.: K-17

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
		occasional quartz + carbonate, stringer / veinlet increasing with depth, 1% disseminated sulphides, frequent light green paleo fracture, lower contact brecciated silicified grades into breccia.									
		479.9 484.0 Representative.									
		485.7 486.5 0.2 ft quartz vein with 10% sulphides.	07415	485.7	486.5	0.8	Nil			0.004	
		493.7 497.3 Numerous quartz veinlets / stringers.	07416	493.7	497.3	3.6	Nil				
497.3	523.9	SHEAR ZONE, SHEAR/ALTERATION ZONE Brecciated, numerous quartz stringers / lenses, blebs, heavily fractured, fractures with slickened surfaces with trace of carbonate, chloritized, mottled brick red, grayish white and light yellowish green, frequent specks of dendritic native copper <= 0.8 mm <= 1%.									
		497.3 498.5 5% disseminated sulphides, strong silicified.	07417	497.3	498.5	1.2	Nil			0.013	
		498.5 502.7 Strong silicified, 3-4% disseminated sulphides.	07418	498.5	502.7	4.2	Trace			0.084	
		502.7 503.5 1-2% native copper, breccia, chlorite alteration, 1% carbonate.	07419	502.7	503.5	0.8	Nil			0.044	
		503.5 507.8 Breccia - pale green patches in quartz matrix.	07420	503.5	507.8	4.3	Nil			0.004	
		507.8 508.6 2-3% native copper, breccia, red-gray-light green.	07421	507.8	508.6	0.8	Nil			0.039	
		508.6 512.0 Breccia - < 2 hardness average, clay in part.	07422	508.6	512.0	3.4	Nil			0.018	
		512.0 514.1 Breccia - reddish yellow brown gossan.	07423	512.0	514.1	2.1	Nil			0.004	
		514.1 516.1 Breccia as above core broken up.	07424	514.1	516.1	2.0	Nil			0.016	
		516.1 519.5 Moderately brecciated, 1% native copper, trace cuprite.	07425	516.1	519.5	3.4	0.005			0.023	
		519.5 520.5 50% quartz veining.	07426	519.5	520.5	1.0	Nil			0.151	
		520.5 522.0 Gray-green, yellow brown gossan, 2% copper, trace cuprite.	07427	520.5	522.0	1.5	Nil			0.099	
		522.0 522.8 2-3% copper, hardness 2 as above.	07428	522.0	522.8	0.8	Nil			0.190	
		522.8 523.9 No apparent copper or sulphides.	07429	522.8	523.9	1.1	Trace			0.122	

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HOLE NO.: K-17

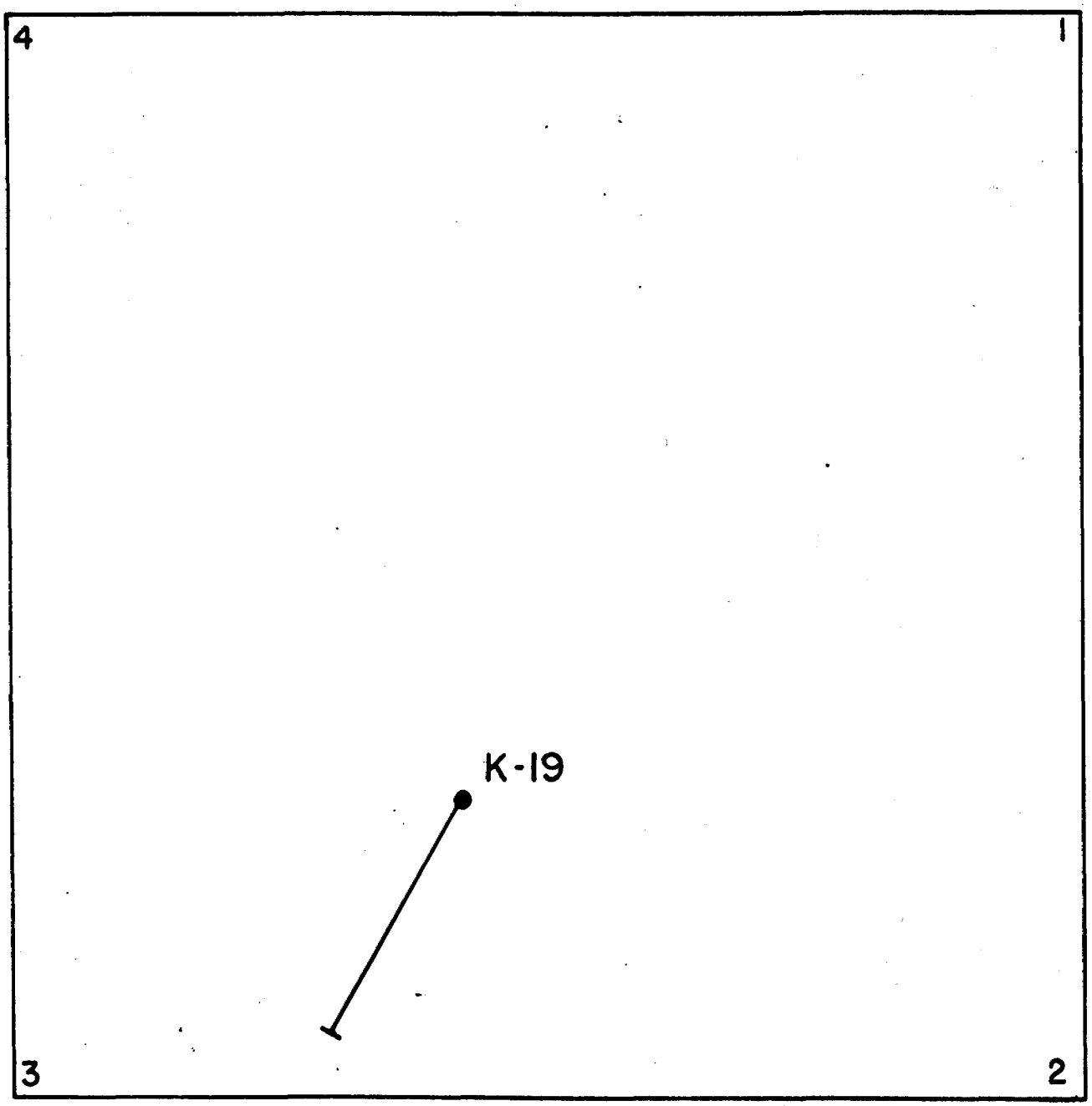
FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
523.9	618.0	DIORITE Gray green with beige white laths, fine to very fine-grained, meso to melanocratic, frequent fracture contain quartz + carbonate + chlorite, occasional quartz vein / stringer with chalcopyrite + pyrite, 1-3% disseminated sulphides.									
		523.9 528.0 Heavily chloritized, frequent quartz vein with chalcopyrite + pyrite.	07430	523.9	528.0	4.1	Nil			0.369	
		528.0 530.4 Magnetic, moderate to heavily chloritized, frequent quartz vein, trace chalcopyrite.	07431	528.0	530.4	2.4	Nil			0.079	
		530.4 533.8 Magnetic, weak chlorite alteration, occasional veinlet, trace chalcopyrite	07432	530.4	533.8	3.4	Nil			0.029	
		537.8 538.6 Magnetic, 0.2 ft quartz vein, 5% disseminated sulphides.	07433	537.8	538.6	0.8	Nil				
		548.0 553.0 Representative, 1-2% disseminated sulphides.	07434	548.0	553.0	5.0	Nil				
		560.4 Magnetic.									
		568.0 573.5 Representative, 0.2 ft quartz vein, 1% disseminated sulphides.	0735	568.0	573.5	5.5	Trace				
		573.5 578.0 2% disseminated sulphides.	07436	573.5	578.0	4.5	Nil				
		590.1 591.9 Moderate to strong chlorite alteration, 0.2 ft quartz vein, bleb of chalcopyrite 1.5 cm, trace metallic silver colour mineral soft luster.	07437	590.1	591.9	1.8	Nil			0.090	
		596.0 601.1 Melanocratic, weak chlorite alteration, frequent fracture with veneer carbonate.	07438	596.0	601.1	5.1	Nil				
		618.0 -- END OF HOLE --	ACID TEST:		Observed -48° Corrected -40°						

DIAMOND DRILL HOLE LOCATION MAP

N

Claim # 970983

Location: PUKASKWA RIVER AREA



Diamond Drill Hole with Horizontal Projection

Scale: 1" = 200'

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HOLE NO.: K-19

PUKASKWA RIVER AREA

NORTHING: 20+79 N BEARING: 210
EASTING: 89+50 E DIP: -45

STARTED: February 14, 1989
COMPLETED: February 16, 1989
ULTIMATE DEPTH: 428 Feet
PROPOSED DEPTH: 400 Feet

DRILLED BY: Olympic Drilling LOGGED BY: G. Henriksen

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
0.0	5.0	OVERBURDEN									
5.0	229.7	METASEDIMENT Dominately quartzite, quartz sericite schist, as light grey, green, and grey-white bands/ lamilli with occasional band with red or white spots, infrequent fracture with trace chlorite + carbonate +/- talc, up to 2% disseminated sulphides, weak to strong fabric concordant with banding.									
8.3	13.0	Quartz sericite schist, 1% disseminated sulphides, gossan fracture.	07320	8.3	13.0	4.7	Nil				
17.0	18.5	0.1 ft quartz + carbonate vein, several quartz + carbonate stringers.	07321	17.0	18.5	1.5	Nil				
20.2	25.1	Grey white sericite schist, no apparent sulphides.	07322	20.2	25.1	4.9	Nil				
21.0		Fabric 64 degrees to core axis.									
32.8	37.8	Quartz sericite schist, 2% disseminated sulphides.	07323	32.8	37.8	5.0	Nil				
40.2	44.8	Moderately silicified.	07324	40.2	44.8	4.6	Nil				
44.8	49.5	Representative sample, quartz sericite.	07325	44.8	49.5	4.7	Nil				
55.8	58.0	2% disseminated sulphides, weakly silicified.	07326	55.8	58.0	2.2	Nil				
61.0	64.5	Weakly garnetiferous, persistant fracture 20 degrees to core axis.	07327	61.0	64.5	3.5	Nil				
68.0		Fabric 60 degrees to core axis.									
69.3	70.0	1% disseminated sulphides, stringer pyrite.	07331	69.3	70.0	0.7	Trace				
79.3	82.3	Magnetic, garnetiferous bands	07328	79.3	82.3	3.0	Nil				
92.5	96.7	2% disseminated sulphides, magnetic.	07329	92.5	96.7	4.2	Nil				
110.0		Fabric 60 degrees to core axis.									
111.7	116.1	Rare magnetic bleb, black, trace sulphides.	07330	111.7	116.1	4.4	Nil				
131.6	133.2	2 inch quartz vein, two fracture veneer chlorite.	07332	131.6	133.2	1.6	Nil				

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HOLE NO.: K-19

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
	138.0	143.0 Weakly to moderately magnetic.	07333	138.0	143.0	5.0	Nil				
	149.8	154.7 1% disseminated sulphides, quartzite.	07334	149.8	154.7	4.9	Nil				
	168.0	172.2 2% garnet, infrequent green band 1% sulphides.	07335	168.0	172.2	4.2	Nil				
	179.3	184.2 Representative sample.	07336	179.3	184.2	4.9	0.056				
	200.0	Fabric 63 degrees to core axis.									
	200.7	205.1 Quartzite, 0.4 ft quartz vein, 2% sulphides, white spots.	07338	200.7	205.1	4.4	Nil				
	215.1	216.9 Green band containing quartz + garnet + 3% sulphides.	07339	215.1	216.9	1.8	Nil				
	217.3	219.4 2% disseminated sulphides, 1 inch magnetic black band.	07340	217.3	219.4	2.1	Nil				
	225.0	Fabric 62 degrees to core axis.									
	225.1	229.1 15-25% pink garnet, 1-2% disseminated sulphides.	07341	225.1	229.1	4.0	Nil				
	229.1	229.7 2 inch quartz + chlorite vein containing 40% sulphides, pyrite : pyrrhotite = 2:1.	07342	229.1	229.7	0.6	Nil				
229.7	248.3	BANDED IRON FORMATION Dark grayish black and light grayish white bands from 0.1 cm to 3.0 cm thick, black bands strongly magnetic, white bands are quartz + sericite, occasional fracture containing veneer chlorite + trace carbonate and sulphides.									
	229.7	233.9 Upper section, representative.	07343	229.7	233.9	4.2	Nil				
	233.9	238.0 Representative sample.	07344	233.9	238.0	4.1	Nil				
	237.0	Banding 64 degrees to core axis.									
	238.0	Banding 44 degrees to core axis.	07345	238.0	240.8	2.8	Nil				
	238.0	240.8 Anastomosing banding, appears folded, lower contact of section appears unconformable.									
	240.8	241.7 Three anastomosing 0.5 inch bands of sulphides, 90% pyrrhotite, 10% pyrite, trace chalcopyrite + sphalerite.	07346	240.8	241.7	0.9	Trace			0.004	

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HOLE NO.: K-19

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
	241.7	243.7 Representative.	07347	241.7	243.7	2.0	Nil				
	243.7	248.3 Representative, contact 64 degrees to core axis.	07348	243.7	248.3	4.6	Nil				
	247.0	Banding 62 degrees to core axis.									
248.3	248.7	SEMI-MASSIVE SULPHIDES									
		Yellow brown, 50% sulphides, dominantly pyrite, trace chalcopyrite, pyrrhotite, (hosted in quartz - schist ?).	07349	248.3	248.7	0.4	Nil			0.009	
248.7	254.5	QUARTZ SERICITE SCHIST									
		Sharp upper contact 62 degrees to core axis.									
	248.7	249.3 Adjacent semi-massive sulphides.	07350	248.7	249.3	0.6	Nil				
	249.3	252.1 Gray with 1 mm white spots.	07351	249.3	252.1	2.8	Nil				
	252.1	254.5 Greenish lamilli, banding 54 degrees to core axis.	07352	252.1	254.5	2.4	Nil				
254.5	265.0	META-ANDESITE									
		Dark green, aphanitic, occasional quartz stringer, infrequent fracture with trace carbonate, up to 1% disseminated sulphides, non-magnetic.									
	254.5	257.4 Upper contact anastomosing fabric.	07353	254.5	257.4	2.9	Nil				
265.0	269.5	QUARTZITE									
		Light gray, massive, trace disseminated sulphides, upper and lower contacts sharp 54 and 42 degrees to core axis, respectively.	07354	265.0	269.5	4.5	Nil				
269.5	408.0	META-ANDESITE									
		Same as 254.5-265.0, weak fabric.									
	269.5	274.3 Upper contact.	07355	269.5	274.3	4.8	Nil				
	305.7	308.0 4 inch quartz - carbonate vein.	07356	305.7	308.0	2.3	Nil				
	322.9	328.0 Representative sample.	07357	322.9	328.0	5.1	Nil				
	353.1	358.0 Representative sample.	07358	353.1	358.0	4.9	Nil				
	369.3	371.0 1.0 ft quartz + carbonate vein.	07359	369.3	371.0	1.7	Nil				
	382.9	388.0 Core has polished look, representative.	07360	382.9	388.0	5.1	Nil				

KAM CREED MINES LTD. PAGE: 4

HOLE NO.: K-19

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NUMBER	FROM (ft)	TO (ft)	LENGTH (ft)	Au oz/t	Ag oz/t	Ni %	Cu %	Zn %
	399.2 401.1	3% sulphides associated with quartz + carbonate stringers.	07361	399.2	401.1	1.9	Nil				
	403.4 408.0	2% sulphides, fracture quartz + carbonate stringers.	07362	403.4	408.0	4.6	Nil				
408.0	411.8	META-ANDESITE Darker and light gray green bands (tuff ?), banding 63 degrees to core axis.	07363	408.0	411.8	3.8	Nil				
411.8	412.3	QUARTZITE Light gray, frequent chlorite fracture.	07364	411.8	412.3	0.5	Nil				
412.3	413.6	QUARTZ SERICITE SCHIST Intercalations of Meta-andesite, up to 1% disseminated sulphides.	07365	412.3	413.6	1.3	Nil				
413.6	414.1	BANDED IRON FORMATION Same as 229.7-248.8.	07366	413.6	414.1	0.5	Nil				
414.1	415.5	META-ANDESITE Dark green with pinkish gray spots, frequent fracture heavily chloritized.	07367	414.1	415.5	1.4	Nil				
415.5	417.9	BANDED IRON FORMATION 0.8 Ft Banded Iron Formation same as 229.7-248.8, 1.6 ft Meta-andesite (tuffaceous) rich in quartz + carbonate stringers.	07368	415.5	417.9	2.4	Nil				
417.9	428.0	QUARTZ-SERICITE-CHLORITE SCHIST Green-gray and reddish brown bands 61 degrees to core axis, frequent heavily chloritized fractures, non-magnetic, trace sulphides.									
	417.9 420.9	Representative sample.	07369	417.9	420.9	3.0	Nil				
	428.0	-- END OF HOLE --	ACID TEST:	Observed -46.5° Corrected -39°							

AIP

Ministry of Northern Development and Mines
Ontario

DOCUMENT No. W9005• 058

42C04NE0004 14 PUKASKWA RIVER 900

requirements and the reverse side of this form for table of information.

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
Gary B. Carnovale	M-21859
c/o Brian Murray, 70 Richmond Street East Suite 400, TORONTO (Ontario) M5C 1N8	Telephone No. (416)363-2075

Summary of Distribution of Credits and Work Performance

Mining Division	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
Sault Ste-Marie									
Township or Area: Pukaskwa River Area (Hawk)	SSM	968440	84						
Total Assessment Credits Claimed: 506 ✓		968441	84						
Type of Work Performed (Check one only)		968442	84						
☐ Manual Work		968443	84						
☐ Shaft Sinking Drifting or other Lateral Work		968444	85						
☐ Mechanical equipment		968445	85						
☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim)									
☒ Diamond or other Core drilling									
☐ Core Specimens									

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: Sept 16/88 To: Sept 19/88	506	506	--

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
968443	506										

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

(506')

The drilling of hole K-9, from September 16 to 19, 1988, was carried out by Forages à diamant Alexandre Inc., Box 1812, 3rd Avenue, Val d'Or Québec, J9P 6G5 using a Boyles Bros. GM-225 drill (BQ size core). The core is stored on claim 691773, Pukaskwa River Area.

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
MAR 16 1990
RECEIVED

RECORDED
MAR 8 1990
Receipt No. _____

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	March 2, 1990	RA Campbell

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying	Telephone No.	Date	Certified By (Signature)
R.A. Campbell, 169 Perreault Ave., Val d'Or (Québec) J9P 2H1	(819)824-8636	March 2, 1990	RA Campbell

For Office Use Only

Work Assignments	Received
	SAULT STE. MARIE MINING DIV. RECEIVED 1990 MAR - 8 1990 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

AIR

Ministry of Northern Development and Mines
Ontario

DOCUMENT No. W9005• 059

Instructions
- Please type or print.
- For each type of work performed, a separate Report of Work should be completed.
- For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical") and form no. 878 for Expenditures.
- Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
Jules Anglehart Jr. c/o Brian Murray, 70, Richmond Street East, Suite 400, TORONTO (Ontario) M5C 1N8	D-19792 Telephone No. (416) 363-2075

Summary of Distribution of Credits and Work Performance

Mining Division: Sault-Ste-Marie	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
Township or Area: Pukaskwa River Area	SSM	970931	23						
Total Assessment Credits Claimed: 1446 ✓		et al.							
		(see attached list)							

Type of Work Performed (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work
- ☐ Mechanical equipment
- ☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim)
- ☒ Diamond or other Core drilling
- ☐ Core Specimens

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: Feb. 8/89 To: Feb. 16/89	1446	1446	--

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
	970958 ✓	400	970941 ✓	618	970983 ✓	428		
	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

(400') (618') (428')

Holes K-15, K-17 and K-19 were drilled between February 8, 1989 and February 16, 1989 by Olympic Drilling Consulting Ltd, 203-960 Quayside Drive, New Westminster, B.C. V3M 6G2. A JKS 300 drill was used. The BQ size core is stored on claim 691773, Pukaskwa River Area.

SAULT STE. MARIE MINING DIV. RECEIVED MAR - 8 1990 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

RECORDED MAR 8 1990 Receipt No. _____

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date: March 2, 1990	Recorded Holder or Agent (Signature): RA Campbell

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying			
R.A. Campbell, 169 Perreault Avenue, Val d'Or (Québec J9P 2H1			
	Telephone No. (819)824-8636	Date: March 2, 1990	Certified By (Signature): RA Campbell

For Office Use Only

Work Assignments	Received Stamp
	SAULT STE. MARIE MINING DIV. RECEIVED MAR - 8 1990 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Summary of Distribution of Credits

(63 claims - 1446 credits)

Prefix	Number	Work Days Credit
SSM	970931	23
	970932	23
	970933	23
	970934	23
	970935	23
	970936	23
	970937	23
	970938	23
	970939	23
	970940	23
	970941	23
	970942	23
	970943	23
	970944	23
	970945	23
	970946	23
	970947	23
	970948	23
	970949	23
	970950	23
	970951	23
	970952	23
	970953	23
	970954	23
	970955	23
	970956	23
	970957	23
	970958	23
	970959	23
	970960	23
	970961	23
	970962	23
	970963	23

Prefix	Number	Work Days Credit
SSM	970964	23
	970965	23
	970966	23
	970967	23
	970968	23
	970969	23
	970970	23
	970971	23
	970972	23
	970973	23
	970974	23
	970975	23
	970976	23
	970977	23
	970978	23
	970979	23
	970980	23
	970981	23
	970982	23
	970983	23
	970984	23
	970985	23
	970986	23
	970987	23
	970988	23
	970989	23
	970990	23
	970991	22
	970992	22
	970993	22

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

PINEI LAKE

85°45'00" 44' 43' 42' 41' 40' 39' 38' 37' 36' 35' 34' 33' 32' 31' 85°30'00"

48°15'00"

14' 13' 12' 11' 10' 09' 08'

48°07'30"

McDOUGALL LAKE

PUKASKWA RIVER

C.L. 2526

PUKASKWA NATIONAL PARK
FILE: 186276
JULY 20, 1971.

DAM

FAUST TOWNSHIP

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	◒
MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	◨
MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	Ⓒ
SAND & GRAVEL	Ⓢ

NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS

0 1000 2000 4000 6000 8000
METRES 0 500 1000 2000
1 0 1 2 KM

DOCUMENT No. W9005-058

✓ claims work applied to

claims work performed

AREA

PUKASKWA RIVER

M.N.R. ADMINISTRATIVE DISTRICT
WAWA
MINING DIVISION
SAULT STE. MARIE
LAND TITLES / REGISTRY DIVISION
ALGOMA

Ontario Ministry of Natural Resources | Ministry of Northern Development and Mines

Date FEBRUARY, 1987

Number G-3779