DIAMOND DRILLING

TOWNSHIP: HAWKINS TWP. **REPORT NO:** 24

WORK PERFORMED FOR: Goldfields Canadian Mining Ltd.

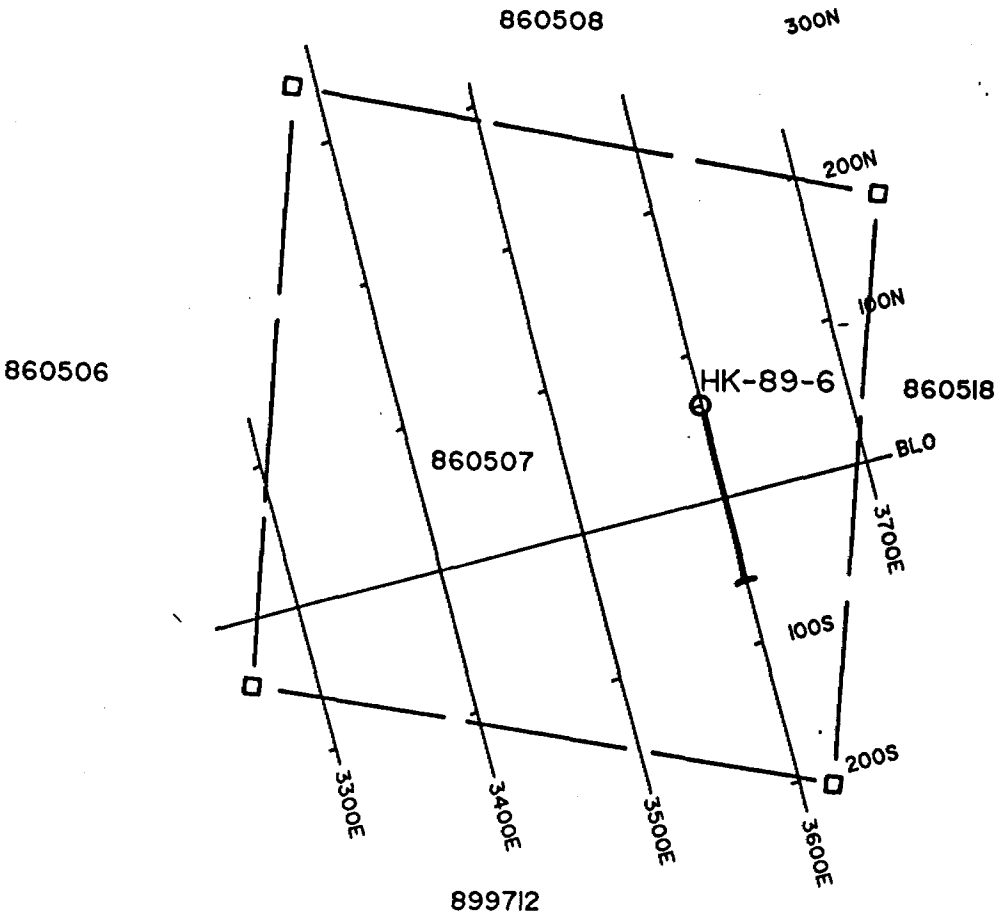
RECORDED HOLDER: SAME AS ABOVE (**xx**)

: OTHER ( )

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
P 860507	HK-89-6	506'	Sept/88	(1)(2)
P 899711	HK-89-7	356'	Sept/89	(1)(2)
P 860507	HK-89-8	356'	Sept/89	(1)(2)
P 888658/ P 888610	HK-89-9	506'	Sept/89	(1)(2)
P 888611	HK-89-10	256'	Sept/89	(1)(2)
	HK-89-11	336'	Sept/89	(1)(2)
P 888657	HK-89-12	505'	Sept/89	(1)(2)
P 889158	HK-89-13	256'	Sept/89	(1)(2)

NOTES: (1) # W8905.002, filed Jan/90

(2) (comparable to omip submission OM89-10 filed July 18/90.



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DURHAM GEOLOGICAL SERVICES INC.

For: AURLOT EXPLORATION LTD.

Title:

HK-89-6

Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 860507

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP Anomaly and Geology

HOLE NUMBER: HK-89-6

LOCATION: L36E/0+65N

AZIMUTH: 165°

DIP: -45° S

DATES: Sept 9th - 12th

CASING: 1.2m

LENGTH: 154.3m

DIP TESTS: 0=45°, 45.7= 40°, 78.0=35°, 129=33°
154=31°

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	1.2	CASING												
1.2	5.05	QUARTZ SERICITE SCHIST	55°	1-3%	15975	1.2	2.9	1.7	34		17	50	20	2
		-pale yellow-green to grey shearing		1-2%	15976	2.9	5.05	2.15	22		10	49	35	0.8
		approximately 35° to core axis												
		-erratic pyrite cubes deformed into												
		"eyes" others elongated												
		-occasional thin bands with brown												
		biotite or phlogopite - pyrite content												
		2-3% (note metamorphosed to amphibolitic												
		facies)												
5.05	6.60	MAFIC VOLCANICS		1-2%	15977	5.05	6.0	0.95	5		3	42	120	0.6
		-dark green to black; massive,biotitic,		1-2%	15978	6.0	6.6	0.6	5		4	55	140	1.0
		amphibole locally sheared and silicified												
		-locally magnetic due to po, magnetite												
		(fine grained) - minor quartz veinlets												
		up to 2cm thick; main metamorphic mineral												
		hornblende												
6.60	7.8	SILICIFIED MAFIC VOLCANICS		1-2%	15979	6.6	7.80	1.20	5		11	37	35	1.0
		-banded, dark grey with bands of highly		2-4%	15980	7.80	8.45	0.65	6		5	60	90	0.1
		silicified mafic volcanic or felsic tuff												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
6.60	7.8	-erratic disseminated pyrite,												
		pyrrhotite sulphides elongated												
7.8	8.45	MAFIC TUFF												
		-silicified with brown mica, biotite												
		(phlogopite), thin magnetic seams												
		-fine grained magnetite												
8.45	8.75	FELSIC TUFF	60°	1-2%	15981	8.45	8.75	0.3	6		5	49	42	1.0
		-sheared, mainly quartz, trace fine												
		grained pyrite, biotite main mafic												
		mineral												
8.75	10.20	MAFIC TUFF		2-4%	15982	8.75	10.20	1.45	3		4	55	110	0.6
		-silicified - minor quartz seams												
		-disseminated pyrite up to 5%, average												
		2-3%, erratic, mainly amphibolite												
		and biotite												
10.20	10.75	FELSIC TUFF												
		-dark grey, sheared, silicified												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
10.75	13.30	MAFIC TUFF												
		-silicified with minor cherty bands,												
		pale green-grey, fine grained, some												
		sericite, some biotite - phlogopite												
13.30	13.90	CHERTY BAND												
		-pale green-grey, fine grained subtle												
		banding												
13.90	14.80	MAFIC TUFF												
		-interbedded with felsic tuffs,												
		narrow banding - silicified												
14.80	16.10	-Similar to previous section but more												
		silica (felsic tuff bands) -one quartz												
		veinlet 7cm thick -some sericite												
		alteration in siliceous areas and												
		biotite in the more mafic rocks,												
		-banded												
16.10	16.70	CHERTY UNIT												
		-pale green with sericite and quartz												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE From	METERAGE To	ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE Number	SAMPLE From	SAMPLE To	SAMPLE Length (m)	ANALYTICAL RESULT Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
		seams up to 10cm thick, pure white	55°											
16.70	16.90	MAFIC TUFF - silicified pyrite, 2-3%		2-3%	15983	16.70	16.90	0.20	4		2	75	26	0.6
		hornblende-biotite												
16.90	17.65	FELSIC TUFF; cherty, pale grey, fine												
		grained, grades into more mafic unit												
		-minor fine grained sericite												
17.65	19.05	MAFIC TUFF		2-3%	15984	17.65	19.05	1.4	3		2	59	77	1.0
		-hornblende, biotite, disseminated		trace	15991	19.05	20.5	1.45	3		7	40	33	1.4
		pyrite - slightly magnetic (trace												
		magnetite-pyrrhotite)												
19.05	44.80	QUARTZ SERICITE SCHIST		2-3%	15985	20.5	21.7	1.2	67		18	190	41	8.0
		-black to pale grey, sheared laminated	60°	2-3%	15986	21.7	23.8	2.1	8		4	130	38	2.0
		-locally pyritic, averages 1-2% (locally		2-3%	15987	23.8	24.4	0.6	5		3	55	30	1.2
		4-6%) some more mafic bands but minor		1-2%	15988	24.4	25.6	1.2	5		5	40	40	2.4
		-originally a felsic tuff - numerous												
		quartz seams 2-6cm thick												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
44.80	60.0	MAFIC TUFF	60°											
		-sheared - with felsic bands, some												
		felsic tuff, other small felsic dykes												
		highly sheared - erratic sericite												
		-mainly hornblende with some altered												
		feldspar - good banding												
		-quartz vein 56.7-56.9 pure white												
		massive-erratic trace pyrite												
60.0	62.0	-same as above - more chlorite												
62.0	63.4	MAFIC FLOW												
		-coarse grained mainly chlorite												
		-biotite (brown) sheared												
63.4	72.25	MAFIC TUFF	70°											
		-with thin bands of felsic tuff -												
		highly sheared, finely laminated												
		black-white-chloritic and with												
		amphibolite (hornblende)												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
72.25	75	MAFIC FLOW												
		-coarse grained - sheared mainly												
		hornblende with chlorite												
75.0	75.3	Quartz filled fault zone with chlorite,			15989	75	75.3	0.3	6		7	37	7	<0.2
		pure white quartz, some carbonate												
75.3	77.1	MAFIC TUFF	70°		15990	75.8	76.5	0.7	22		5	52	560	0.6
		-black, fine grained, sheared, very												
		fine lamination - black-white - mainly												
		hornblende - erratic disseminated pyrite												
		(fine grained)												
77.1	78.0	FELSIC TUFF												
		-with fragments of coarse grained												
		mafic tuff (hornblende, biotite plus												
		chlorite) - pale grey, sheared, with												
		biotite - coarse banded												
78.0	79.0	MAFIC TUFF												
		-biotite especially in upper contact												
		-chlorite finely banded												

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
79.0	79.5	FELSIC TUFF												
		-banded, fine grained with biotite												
		(sericite)												
79.5	82.9	MAFIC TUFF												
		-hornblende - biotite, with thin felsic												
		bands possibly highly sheared flow												
82.9	86.9	MAFIC FLOW												
		-minor mafic tuff - small quartz veinlets												
		-rock mainly hornblende with chlorite												
		and biotite	80°											
86.9	87.5	PORPHYRY DYKE												
		-highly sheared contacts												
87.5	95.7	MAFIC FLOW AND TUFF	80°											
		-lower contact more laminated with												
		felsic tuff bands and possibly chert												
		-some quartz veinlets <5cm thick												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
95.7	96.0	FELSIC TUFF TO INTERMEDIATE TUFF												
		-buff grey -speckled with biotite												
		-siliceous												
96.0	98.55	MAFIC FLOW												
		-massive, dark green to black, mainly												
		hornblende, lower contact sheared												
		-more biotite												
98.55	99.65	FELSIC DYKE												
		-sharp contacts - sheared mainly quartz												
		with biotite - trace pyrite												
99.65	100.9	MAFIC TUFF												
		-fine laminations, mainly hornblende,												
		biotite - silica rich, thin seams												
100.9	101.2	FELSIC TUFF												
		-mixed with mafic material - banded												
		-quartz plus biotite (brown)												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
101.2	106.2	MAFIC TUFF												
		-hornblende, biotite, finely laminated												
		-some small felsic dykes, grey,												
		-fine grained muscovite, sharp												
106.2	110.5	MAFIC TUFF												
		-as before - sheared, some felsic bands												
		-mainly hornblende, plus biotite, finely												
		laminated, some chlorite, minor quartz												
110.5	110.8	FELSIC TUFF	78-80°											
		-with thin mafic bands (hornblende)												
		sheared, biotite												
110.8	111.8	MAFIC FLOW												
		-highly sheared, almost pure hornblende												
		-siliceous bands, some biotite												
111.8	112.2	FELSIC TUFF												
		-fine grained quartz and biotite,												
		-sheared												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
112.2	119.4	MAFIC FLOW	80°											
		-fine grained, sheared, mainly hornblende												
		-possibly some small tuffaceous sections												
		-numerous thin felsic bands												
		-thin biotite rich seams												
119.4	119.8	PORPHYRY DYKE												
		-highly sheared with biotite												
		-trace pyrite												
119.8	129.5	MAFIC FLOWS												
		-highly sheared, mainly hornblende												
		-several felsic bands which have												
		variable amounts of biotite												
		-some chlorite - minor carbonate												
129.5	137.8	MAFIC FLOW												
		-mainly hornblende, fine grained												
		-several narrow (up to 10cm) bands of												
		felsic tuff, highly sheared - pyrite												
		very rare - some biotite												

DURHAM GEOLOGICAL SERVICES INC.

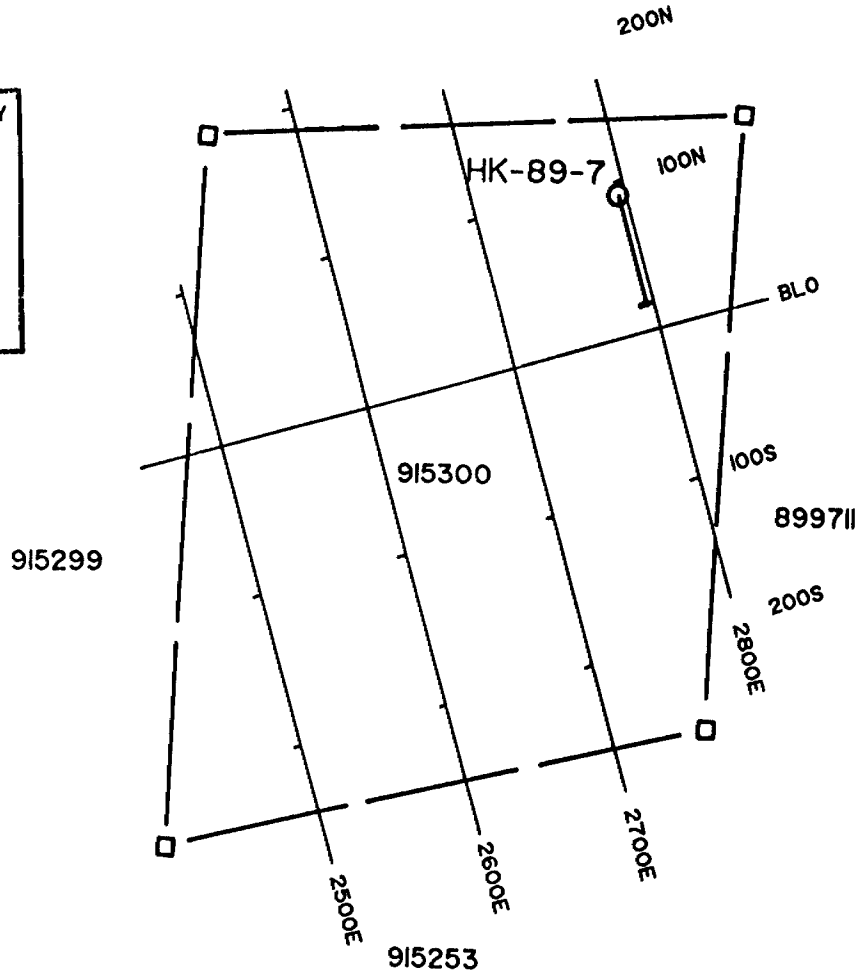
DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
137.8	138.1	PORPHYRY DYKE												
		(feldspar crystals) lots of fine grained												
		(biotite) - some pyrite												
138.1	138.7	MAFIC FLOW		1-2%	15992	138.1	138.7	0.6	<3		1	48	180	<0.2
		-hornblende, about 1-2% pyrite smeared												
		along shear planes												
138.7	139	FELSITE			15993	138.7	139	0.3	<3		2	43	86	0.2
		-fine grained sheared, biotite			15994	139	139.35	0.35	<3		<1	30	58	<0.2
		-trace sulphides			15995	139.35	139.65	0.3	<3		2	33	230	0.4
139	141.6	MAFIC FLOW			15996	139.65	141.3	1.65	4		1	45	140	0.2
		-almost pure hornblende, trace sulphides												
		-fine grained, sheared grades into mafic												
		tuff												
141.6	144.9	MAFIC TUFF												
		-finely laminated hornblende minor silica												
		rich bands												

DURHAM GEOLOGICAL SERVICES INC. - DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
144.9	145.1	PORPHYRY DYKE												
		-feldspar crystals, some biotite												
145.1	146.95	FELSIC TUFF												
		-parts cherty, fine grained subtle												
		banding, minor muscovite												
146.95	148	MAFIC TUFF												
		-hornblende, fine grained, thinly												
		laminated												
148	148.8	FELSITE												
		-fine grained, mainly quartz with												
		fine grained muscovite (sericite)												
148.8	154.3	MAFIC TUFF		<1%	15997	148.8	149.8	1	<3		<1	50	120	<0.2
		-fine grained, finely laminated,												
		mainly hornblende, erratic disseminated												
		pyrite <1%												
		porphyry dyke 149.8-150.2 grey with		<1%	15998	150.2	151.2	1	<3		1	38	54	<0.2
		vauge feldspar crystals, altered, sheared												
		some biotite END OF HOLE												
		Virtually 100% core recovery												

Howard Smith



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DURHAM GEOLOGICAL SERVICES INC.		
For: AURLOT EXPLORATION LTD.		
Title: HK-89-7		
Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 899711

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP Anomaly & Geology

HOLE NUMBER: HK-89-7

LOCATION: L28+95E/0+90N

AZIMUTH: 165°

DIP: -45° S

DATES: Sept 13 - 14

CASING: 1.2m

LENGTH: 108.5m

DIP TESTS: 0m =45°, 48m =37°, 78m=34°
109m =28°

DURHAM GEOLOGICAL SERVICES INC.

Hk-89-7 Page 1

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	1.2	CASING												
1.2	16.0	MAFIC FLOW	60°	trace										
		-fine grained, more intense shearing												
		to 7.9m then more massive, few white												
		quartz veinlets - some biotite up to												
		7.9m also laminated with thin white												
		bands, mainly hornblende, some silicified												
		to 4.9m												
16.0	38.1	MAFIC FLOW	60°	trace										
		-medium to coarse grained (amphibolite)												
		-mainly hornblende, plagioclase												
		locally weakly magnetic due to po.												
		rare quartz veinlets												
		-fault (gauge zone) 35.7-36.1												
38.1	39.7	MAFIC FLOW												
		-highly sheared with biotite and silica												
		rich bands												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
39.7	39.9	QUARTZ VEIN												
		-minor chlorite												
39.9	41.5	MAFIC FLOW												
		-coarse grained, mainly hornblende												
		sheared												
41.5	44.0	MAFIC TUFF												
		-fine grained biotite alteration												
		(brown)												
44.0	46.9	FELSIC TUFF												
		(parts cherty) with biotite and muscovite												
		(sericite)	60°											
46.9	54.2	MAFIC FLOW												
		-fine grained mainly hornblende												
		-areas with more intense shearing												
		-massive												
54.2	60.05	MAFIC FLOW												
		-with tuff bands laminated, sheared fine grained												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
60.05	60.7	FELSITE												
		-banded, possible tuff? fine grained												
		siliceous, some sericite, biotite,												
		-trace sulphides												
60.7	64.1	MAFIC FLOW												
		-sheared, trace po. (magnetic)												
		laminated biotite, mainly hornblende												
64.1	65.2	INTERMEDIATE DYKE												
		-coarse grained (granodiorite)												
		quartz, biotite, feldspar (larger												
		crystals poor habit)												
65.2	66.2	FELSITE												
		-fine grained, siliceous, sheared,												
		medium grey with biotite (may be fine												
		grained version of granodiorite)												
66.2	71.4	MIXTURE OF MAFIC TUFF												
		-felsite dykes, fine grained, silicified,												
		biotite												

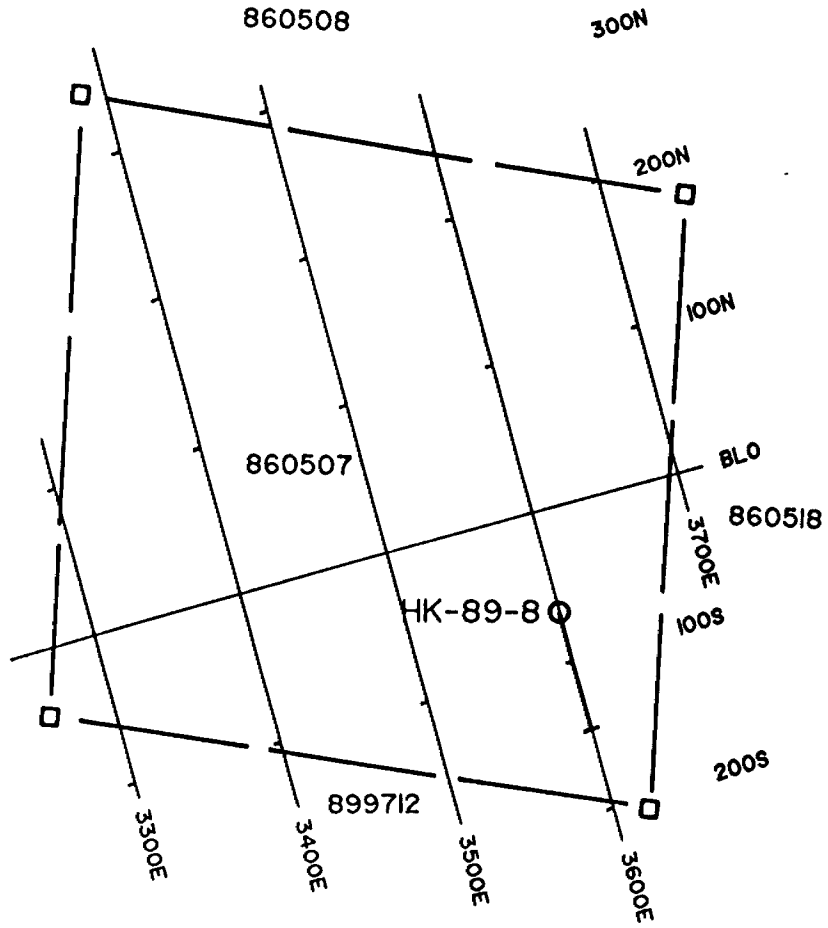
DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
71.4	93.3	QUARTZ SERICITE SCHIST		<1%	19190	73.3	75	1.7	7		2	92	40	0.8
		-some mafic bands (amphibolite)		1%	19191	75	76.6	1.6	3		4	70	35	0.8
		-highly altered felsic tuff and		1-2%	19192	76.6	78	1.4	<3		2	60	34	0.8
		intermediate intrusive		1%	19193	78	79.5	1.5	5		4	66	39	1.0
		-mafic alteration to brown biotite,		1-2%	19194	79.5	81	1.5	4		2	104	40	1.6
		-rare k-spar crystals 1-2% sulphides		1-2%	19195	84.7	86.2	1.5	<3		2	102	35	0.8
		mainly along shear planes - pervasive		1-2%	19196	86.2	87.2	1	<3		4	106	40	0.8
		yellow-green alteration in thin bands		1-2%	19197	87.2	88.7	1.5	10		2	50	36	0.8
		-fine grained		<1%	19198	88.7	90.2	1.5	<3		4	90	39	1.0
		-erratic py, po 1% magnetic where po.		1-2%	19199	90.2	91.7	1.5	12		4	54	45	1.8
		found		1%	19200	91.7	93.3	1.6	<3		2	94	45	0.6
		*Note - 71.4m onwards may be highly												
		altered (sericitized) and silicified												
		margin of the granodiorite intrusive												
		with felsic bands												
93.3	108.5	QUARTZ SERICITE SCHIST	70°	1-7%	15001	93.3	94.8	1.5	5		4	66	42	0.8
		-parts derived from granodiorite		1-7%	15002	94.8	95.6	1	49		2	240	40	0.8
		intrusive with sericite, weakly pyritized		1-7%	15003	95.6	96.8	1.2	11		2	50	42	0.8
		felsic dykes96.8-97.2, fine grained		1-7%	15004	97.2	99.6	2.4	<3		2	88	38	0.6
		greenish, siliceous with sericite		1-7%	15005	99.6	101.1	1.5	<3		2	64	34	0.4
		alteration												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
		100.0-100.35 felsic dyke as above			15006	101.1	102.7	1.5	<3		2	66	21	0.2
		103-103.3 mafic fragment in quartz			15007	102.7	103.6	0.9	<3		2	44	40	0.4
		sericite schist												
		(granodiorite) - sheared, black,												
		hornblende, note- pyrite less after												
		100m												
		END OF HOLE												
		Virtually 100% core recovery												



DURHAM GEOLOGICAL SERVICES INC.

For: AURLOT EXPLORATION LTD.

Title:

HK-89-8

Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 860507

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP Anomaly and Geology
(contact with Granodiorite)

HOLE NUMBER: HK-89-8

LOCATION: L36E/0+65S

AZIMUTH: 165°

DIP: -45°S

DATES: Start Sept11 Stop Sept. 12

CASING: 1.2m

LENGTH: 108.5 m

DIP TESTS: 0=45°, 30m=40°, 62.8m=35°, 109m =30°

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	1.2	CASING												
1.2	6.6	MAFIC FLOW - fine grained, sheared,	55°		15999	4.3	4.9	0.6	<3		<1	88	89	0.2
		with thin quartz rich bands, mainly												
		hornblende, erratic pyrite, disseminated,												
		as thin plates on shear planes												
		-parts tuffaceous - erratic pyrite												
		<1%												
6.6	6.9	FELSIC DYKE												
		-fine grained quartz plus some sericite												
		(muscovite), sulphides in contact zone												
		with mafic tuff												
6.9	8.8	MAFIC TUFF AND MAFIC FLOW												
		-fine grained hornblende - erratic												
		pyrite 2-3%, minor tuffaceous breccia												
		at 7.4 to 7.5 sheared												
8.8	9.1	INTERMEDIATE DYKE												
		-outlines of feldspar crystals, sheared												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
9.1	12.0	MAFIC TUFF												
		-fine grained a thinly laminated, mainly												
		hornblende with feldspar												
		-minor biotite in thin seams	60°											
12.0	14.3	PORPHYRY DYKE												
		-sheared, mainly quartz, biotite,												
		minor muscovite - lower part												
14.3	15.7	MAFIC FLOW												
		-fine grained, little quartz, mainly												
		hornblende												
15.7	15.9	FELSIC DYKE												
		-very fine grained with fine grained												
		biotite												
15.9	16.7	MAFIC FLOW												
		-as above												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
16.7	17.4	FELSIC DYKE												
		-very fine grained, quartz and very												
		fine grained biotite												
17.4	18.0	FELSIC TUFF												
		-parts like re-crystallized chert,												
		1-3% erratic pyrite, hornblende												
				1-3%	16000	17.4	18.0	0.6	28		<1	38	80	0.4
18.0	24.9	MAFIC TUFF	70°											
		-finely laminated black and white												
		thin plates of pyrite/pyrrhotite												
		along shear planes, weakly magnetic												
		where higher pyrrhotite concentration												
		-mainly hornblende												
				<12%	19189	23.4	24.9	1.5	<3		<1	98	84	0.2
24.9	25.4	PORPHYRY DYKE												
		-22.9-23.05; 23.05-23.4												
		-altered, some biotite and intermediate												
		composition												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
25.4	26.2	MAFIC FLOW												
		-sheared, black, massive, mainly												
		hornblende, minor biotite												
26.2	27.1	FELSIC DYKE												
		-intermediate dark grey alteration,												
		-sheared, altered, quartz rich with												
		brown biotite - trace pyrite												
27.1	27.7	FELSIC DYKE	65°											
		-pale green-grey siliceous sharp contact												
		with pervasive unit												
27.7	35.45	MAFIC FLOW												
		-some tuff bands and narrow felsic												
		dykes - rare pyrite, chalcopyrite												
35.45	37.3	FELSIC DYKE												
		-very fine grained little shearing												
		minor biotite												

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
37.3	38.7	MAFIC FLOW												
		-medium grained, sheared mainly hornblende												
38.7	40.45	FELSIC DYKE												
		-vauge white crystals altered, sheared,												
		some biotite, minor epidote along												
		some fractures, silicified, some local												
		green-yellow alteration												
40.45	46.6	MAFIC FLOW												
		-coarse grained, sheared, variable												
		shearing, mainly hornblende, minor												
		quartz rich seams												
46.6	48.2	FELSIC DYKE												
		-altered, pale white spots, sheared,												
		-lots of biotite												
48.2	50.6	MAFIC FLOW												
		-medium grained, sheared, mainly												
		hornblende with plagioclase												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

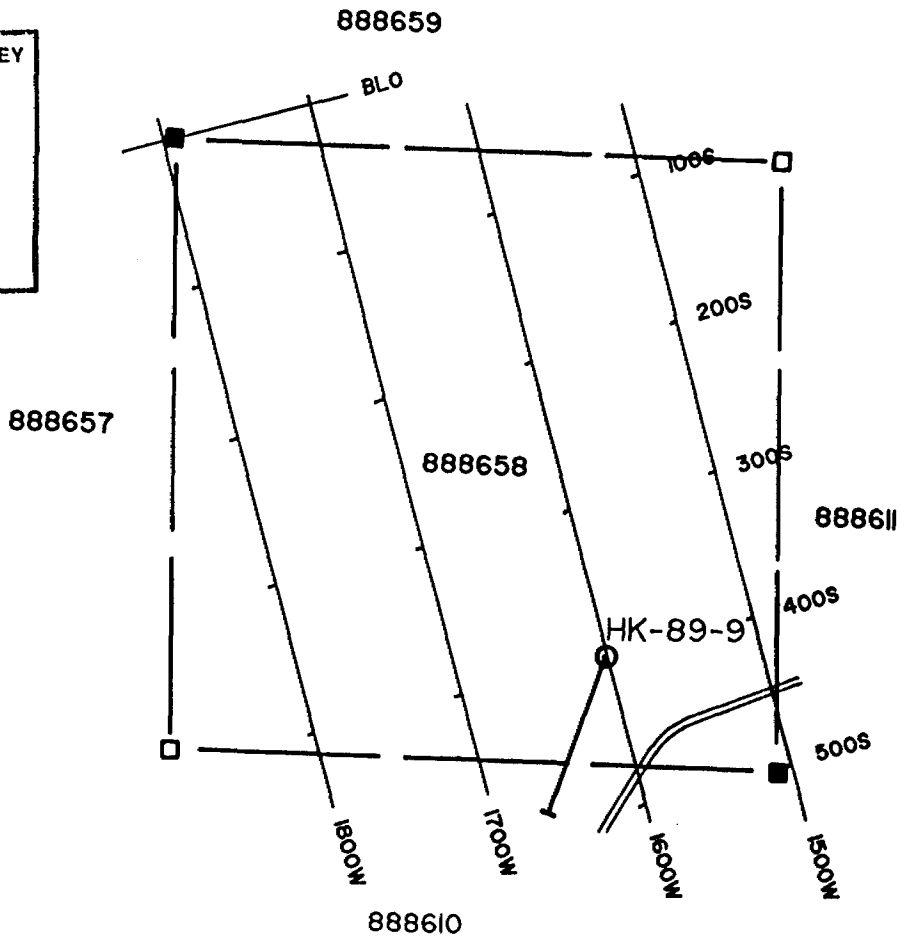
METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
50.6	54.1	FELSIC DYKE												
		-quartz rich, fine grained, sheared,												
		pale buff to grey, bleached, some												
		muscovite												
54.1	54.75	MAFIC FLOW												
		-highly sheared, mainly hornblende												
		-some chlorite												
54.75	58.1	FELSIC DYKE												
		-sheared with biotite and muscovite												
		-dark grey, parts slightly porphyritic												
		minor epidote at 56.2m in fractures												
58.1	58.5	GRANODIORITE DYKE	70°											
		-dark grey, sheared, large feldspar												
		crystals												
58.5	61.3	MAFIC FLOW												
		-black, fine grained, mainly hornblende												
		sheared, not a sharp contact with												
		granodiorite												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
61.3	108.5	GRANODIORITE INTRUSIVE												
		(Trondhjemite) sheared, composed of												
		quartz, feldspar and 20-30% biotite												
		-variation in mafic concentration												
		-numerous thin fine grained felsic												
		dykes - rare chalcopyrite e.g. 105m												
		END OF HOLE												
		Virtually 100% core recovery												

Howard Lakes



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DURHAM GEOLOGICAL SERVICES INC.		
For: AURLOT EXPLORATION LTD.		
Title: HK-89-9		
Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 888658, P 888610

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP, Geochem Anomaly Au, Cu, Zn

HOLE NUMBER: HK-89-9

LOCATION: L16+00W/400S

AZIMUTH: 200°

DIP: -45° S

DATES: Sept 18 - 20

CASING: 3m

LENGTH: 154.3m

DIP TESTS: 0m = 45°, 62m=44°, 93m = 37°, 124m =30°, 154m = 27°

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	3.0	CASING												
3.0	14.3	MAFIC FLOW	60°											
		-some tuff bands, sheared, variable												
		white banding (silica plus carbonate)												
		mainly fine grained amphibolite												
		(hornblende) - some thin bands of												
		brown mica, biotite or phlogopite												
14.3	15.7	MAFIC FLOW												
		-fine grained, more massive than above												
		-some pale carbonate bands parallel												
		to shearing and others crosscutting												
15.7	19.6	DIABASE DYKE												
		-fine grained glassy chill margins												
		-dark green, few fractures 1-2%												
		pyrrhotite disseminated												
19.6	24.1	MAFIC FLOW												
		-highly sheared, pale buff to white bands												
		of silica and carbonate with 5cm thick												
		very fine grained dyke -intermediate composition												

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
24.1	33.8	MAFIC TUFF	45°											
		-highly sheared some silicification and												
		epidotization especially at contact												
		with above unit												
33.8	37.2	MAFIC FLOW	50°	trace	15008	34.4	35.2	.8	<3		4	132	81	<0.2
		-sheared, dark grey, fine to medium		1%	15009	35.2	37.2	2	<3		4	106	85	<0.2
		grained with silica rich bands -blebs,		1%	15010	38.4	40.7	2.3	<3		2	80	72	<0.2
		trace sulphides - sections rich in												
		garnets e.g. 36.2-37.2m - coarse grained,												
		-pink												
37.2	42.5	MAFIC FLOW		5%	15011	40.4	41.1	0.4	<3		280	260	260	<0.2
		-some brecciation - dark green, fine		1%	15012	41.1	42.5	1.4	<3		10	280	110	<0.2
		grained areas with more severe shearing		3%	15013	42.5	43.3	0.8	7		12	220	250	0.2
		-silicified with rare white quartz												
		veinlets - galena (Pb) disseminated												
		at 41.0m												
42.5	44.0	BRECCIA		5-10%	15014	43.3	44.0	0.7	3		32	1500	330	1.2
		-shear zone - silica, chlorite			15015	44.0	44.95	0.95	<3		6	178	70	<0.2
		locally (2-5cm) semi-massive pyrite			15016	44.95	47.0	2.05	<3		2	100	71	<0.2

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
		-average 5% upper 30cm with gouge of		1-2%	15017	47.0	48.5	1.5	10		2	124	110	<0.2
		altered silica and chlorite												
		*note core weakly magnetic												
44.0	47.0	MAFIC FLOW												
		-sheared, some breccia complete with												
		quartz carbonate and possibly tuff												
47.0	48.5	MAFIC TUFF												
		-with brecciation - numerous quartz												
		carbonate stringers, blebs, some												
		chlorite, some pink garnets (erratic)												
48.5	52.1	MAFIC FLOW	60°	<1%	15018	49.4	52.1	2.7	10		2	108	71	<0.2
		-sheared, thin bands of quartz -		1-2%	15019	52.1	52.7	0.6						
		carbonate (minor) - some brown mica												
		(biotite or phlogopite)												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
52.1	52.7	BRECCIA												
		-mafic volcanic, carbonate and quartz												
		-2% sulphides												
52.7	57.0	MAFIC VOLCANIC	60°											
		-sheared, laminated black-white												
		minor carbonate and silica												
57.0	57.4	BRECCIA		trace	15020	57.0	57.4	0.4	<3		2	122	70	<0.2
		-mafic volcanic and quartz carbonate												
		-trace sulphides, erratic												
57.4	60.0	MAFIC VOLCANICS												
		-as before, sheared, quartz and minor												
		carbonate												
60.0	62.0	MAFIC FLOW (tuff) with large (up to												
		1 cm crystals of pink red garnets)												
62.0	63.0	MAFIC TUFF												
		-fine grained, laminated												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
63.0	77.8	MAFIC FLOW												
		-sheared, thin bands of silica and												
		carbonate - near 71m thin bands of												
		brown biotite alteration - locally												
		garnets - trace carbonate mainly on												
		fracture planes												
77.8	78.2	SHEAR ZONE												
		-mafic volcanics, quartz carbonate,												
		-biotite (brown mica)												
78.2	101.75	MAFIC FLOW	65°											
		-fine grained to medium grained												
101.75	102.4	FELSIC DYKE												
		-dark grey siliceous, sheared												
		-minor biotite, trace pyrite												
102.4	104.5	MAFIC FLOW												
		-fine grained to medium grained												
		-mainly hornblende where core weakly												
		magnetic												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
104.5	105.5	SILICIFIED MAFIC FLOW	65°	2-4%	15021	104.5	105.5	1.0	14		2	186	350	
		-highly sheared - 2-4% pyrite, pyrrhotite												
		locally up to 5-7%												
105.5	117.7	MAFIC TUFF & FLOWS												
		-finely laminated with white bands of												
		silica and carbonate	70°	trace cpy	15022	105.5	106.55	1.05	<3		4	220	110	
		-some brown biotite and garnets			15023	106.5	108.5	2.0	<3		2	106	80	
				trace	15024	113.4	114.6	1.2	7		2	112	140	
117.7	129.5	MAFIC FLOW												
		-silicified fine grained massive to												
		sheared with quartz-carbonate stringers												
		-several 5-10cm thick shear zones with												
		silica, epidote and garnet (poorly												
		developed)												
129.5	129.85	QUARTZ VEIN												
		-pure white, coarse grained												
		-some porphyry dyke material at lower												
		contact - minor brecciation over 5cm												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

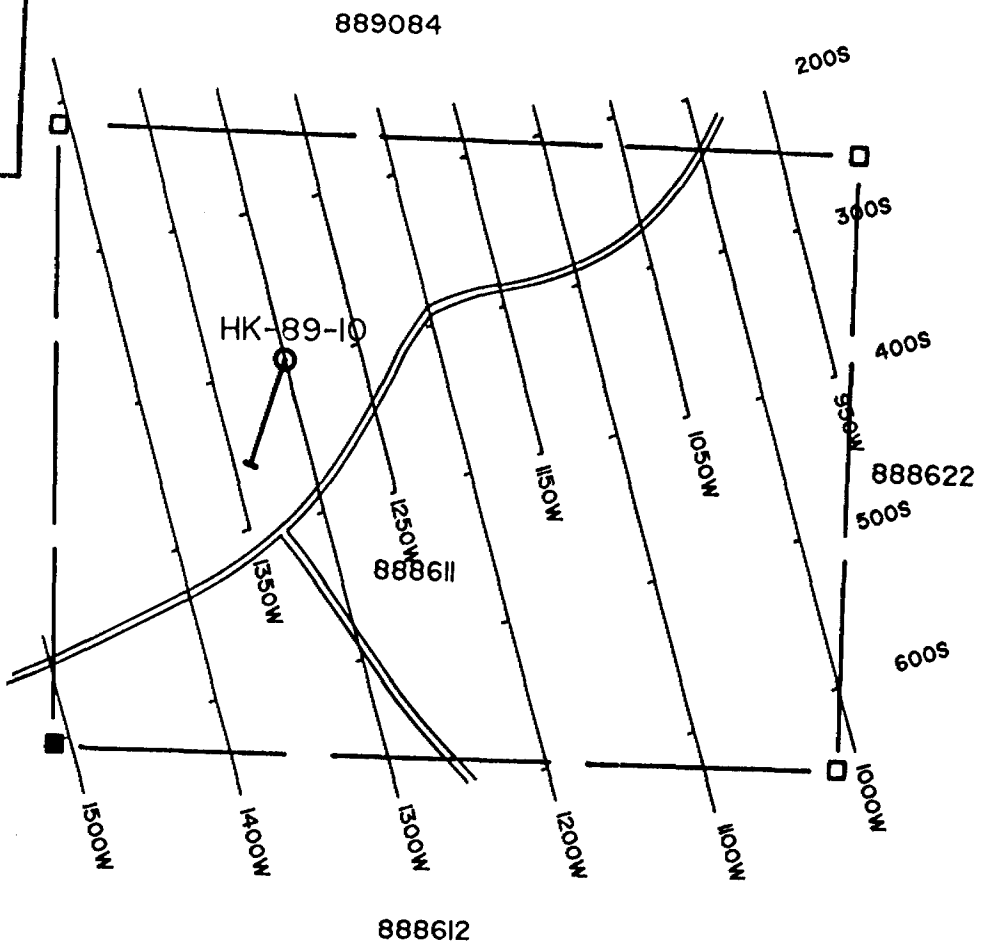
METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
129.85	133.0	MAFIC FLOW												
		-as in 117.7-129.5												
133.0	134.6	MAFIC FLOW		trace	15025	133.0	134.6	0.6	<3		2	26	130	<-0.2
		-sheared, minor quartz-carbonate												
		stringers - parts brecciated												
134.6	140.5	MAFIC FLOW	72°											
		-less shearing and less silica-carbonate												
		stringers												
140.5	140.65	FAULT		5-8%	15026	140.5	140.65	0.15	<3		12	158	400	0.2
		-gouge zone - chlorite 5-8% pyrite												
140.65	143.3	MAFIC FLOW												
		-silicified, very hard, some sericite												
		-biotite - trace pyrite												
		141.6-141.9 possible dyke or chill												
		margin of flow - very fine grained,												
		hard, massive												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
143.3	144.0	GRANODIORITE DYKE												
		-coarse grained, little shearing												
		-silicified -sauseritized, some biotite												
144.0	154.3	MAFIC FLOW	70°											
		-fine grained massive dark green to												
		black, minor silica carbonate stringers												
		-minor brecciation												
		END OF HOLE												
		Virtually 100% Core Recovery												

Howard Lebo



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DURHAM GEOLOGICAL SERVICES INC.		
For: AURLOT EXPLORATION LTD.		
Title: HK-89-10		
Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 888611

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP & VLF Anomaly

HOLE NUMBER: HK-89-10

LOCATION: L13+00W 300S

AZIMUTH: 200°

DIP: -45°S

DATES: Sept. 21/89 (Set up Sept. 20th)

CASING: 3M

LENGTH: 78M

DIP TESTS: 0M=45°, 32M=38°, 78M=35°

DURHAM GEOLOGICAL SERVICES INC.

HK-89-10 Page 1

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	3	CASING												
3	14.65	MAFIC TUFF	65°											
		-laminated and banded, sheared,												
		mainly amphibolite, some chlorite												
		muscovite bands - thin pale buff to												
		white silica-carbonate stringers												
		-some silicification												
		-felsic tuff - 10.3-11 - sheared												
		with brown biotite alteration												
		-trace pyrite		trace	15027	14	14.75	0.75	3		6	218	190	0.2
14.65	15.45	FELSITE	45°	5-7%	15028	14.75	15.45	0.7	3		6	280	280	0.2
		-parts porphyritic, highly sheared and												
		brecciated, one 3cm thick pyrite seam												
		coarse grained,whole section averages												
		3-5% pyrite - core highly broken												
		-fault zone												
15.45	24.4	MAFIC FLOW			15029	15.45	17.1	1.65	<3		2	240	66	<0.2
		-sheared, some quartz plus carbonate												
		stringers - some silicification												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
24.4	24.9	FAULT			15030	24.4	24.9	0.5	<3		2	138	120	<0.2
		-filled with pure white quartz and												
		carbonate , some pyrrhotite at contacts												
		-10cm felsite dyke in centre												
		-some chlorite and biotite												
		-total sulphides 2-3%												
		-magnetic where pyrrhotite concentrated												
24.9	25.7	MAFIC TUFF												
		-sheared, banded with some coarse												
		grained hornblende												
25.7	26.1	FELSITE												
		-fine grained grey siliceous with												
		numerous biotite flakes												
26.1	26.9	ANDESITE		1-2%	15031	26.1	26.9	0.8	<3		4	116	55	<0.2
		-fine grained, altered, fractured,												
		pale-green-grey erratic pyrite												
		-locally 3-4%												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
26.9	35.4	MAFIC FLOW		1-2%	15032	26.9	27.2	0.3	<3		2	116	47	<0.2
		-black to dark green												
		-some quartz carbonate stringers												
35.4	35.7	PORPHYRY DYKE												
		-dark grey with feldspar phenocrysts,												
		altered, some chlorite												
35.7	38.7	MAFIC FLOW												
		-folded, dark green to black												
		-almost no quartz carbonate stringers												
		-silicified lower contact area highly												
		contorted												
38.7	41.7	MAFIC FLOW & FELSITE-SERICITE SCHIST		<1%	15033	38.1	41.7	3.6	<3		4	58	28	<0.2
		-all highly alt with brown biotite												
		-silicified locally - extremely contorted												
		-locally 1-2% pyrite, overall <1%												
		similar alteration and deformation												
		remain												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
41.7	42.7	-as above but much less deformation												
		-highly altered mafic volcanic with												
		10-15% and brown biotite												
42.7	49.4	MAFIC FLOW												
		-massive to sheared, fine fractures												
		except at 43.6, fracture zone												
		-limonite on fractures												
49.4	49.6	FAULT ZONE												
		-highly altered, chlorite quartz												
		-gouge (crushed zone)												
49.6	59.8	MAFIC FLOW	63°	3-4%	15034	52.4	53.2	1.2	<3		2	1560	340	0.2
		-black, massive, sheared, trace quartz												
		carbonate in some fractures												
		-pyrrhotite and pyrite zone 52.4-53.2												
		-some semi-massive pyrrhotite 1cm												
		thick,overall												
		-3-4%,trace chalcopyrite (disseminated)												

DURHAM GEOLOGICAL SERVICES INC.

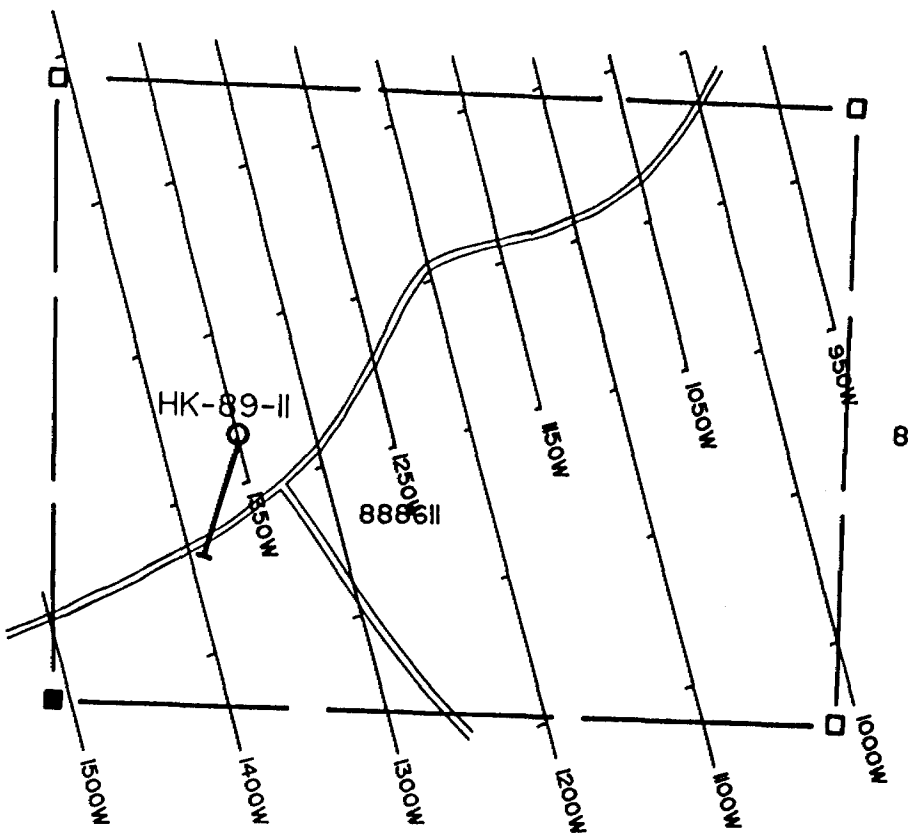
DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
59.8	67.5	ANDESITE												
		-pale green to medium grey												
		-some fragments totally altered to												
		chlorite - very soft												
		-fault at 62.6 with pale green												
		chlorite and quartz												
67.5	74.5	MASSIVE MAFIC FLOW												
		-fine grained to coarse grained												
		possibly altered & sheared dyke												
74.5	78	ANDESITE												
		-medium greenish-grey fine grained												
		massive												
		END OF HOLE												

Howard Lotz

889084

888658



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DURHAM GEOLOGICAL SERVICES INC.

For: AURLOT EXPLORATION LTD.

Title:

HK-89-II

Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 888611

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP, VLF, MAG & Geochem Anomalies

HOLE NUMBER: HK-89-11

LOCATION: L13+50W/3+65N

AZIMUTH: 200°

DIP: -45°S

DATES: Sept. 22-23

CASING: 7.3M

LENGTH: 102.4M

DIP TESTS: 0M=45°, 32M=49°, 63M=41°, 102M=36°

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	7.3	CASING												
7.3	17.5	MAFIC TO INTERMEDIATE FLOW												
		-fine grained, sheared, medium grey												
		to dark green-grey, massive with few												
		fractures												
		-some silicification especially 11.7												
		-also epidote, few blebs of pyrite												
		at 11.35												
17.5	18.0	MAFIC FLOW												
		-with 20-30% pink garnets												
18.0	23.2	MAFIC TO INTERMEDIATE FLOW												
		-fine grained dark green-grey,												
		-silicified, massive, few quartz												
		stringers												
23.2	24.3	FAULT ZONE		calcite	15035	23.2	24.3	1.1	<3		12	66	18	<0.2
		-upper contact approximately 30° to												
		core axis - lower contact 12-20° to												
		core axis												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
24.3	26.3	MAFIC FLOW		3-5%	15036	24.3	24.9	0.6	3		4	118	430	0.2
		-black, sheared mainly hornblende		1-2%	15037	24.9	26.3	1.4	<3		2	100	130	<0.2
		massive - 3-5% pyrite, trace pyrrhotite												
26.3	27.0	CHERTY UNIT		1-3%	15038	26.3	27.0	~~1.0~~ 0.7	<3		2	80	50	<0.2
		-some mafic volcanics, very fine												
		grained, light grey pure silica with												
		very fine grained magnetite												
27.0	28.0	MAFIC VOLCANICS			15039	27	28.0	1.0	<3		2	72	46	<0.2
		-highly sheared, has 10cm cherty unit,												
		very fine grained pale grey low contact												
		faulted												
28.0	32.1	ALTERATION ZONE		2-3%	15040	28.0	29.3	1.3	<3		4	680	89	0.2
		-highly contorted, altered with		3-4%	15041	29.3	30.2	0.9	<3		6	138	83	<0.2
		brown mica (biotite) 20% sericite												
		-sheared - 2-3% pyrite, erratic,												
		-upper contact faulted with limonite												
		staining, some garnets at 30.9-31.3m	90°											

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
31.6	38.4	ANDESITE & ANDESITE TUFF		3-4% cpy	15042	30.2	30.8	0.7	<3		4	640	230	0.4
		-almost totally altered to chlorite	60°	1-2%	15043	30.8	31.6	0.7	4		4	400	130	0.2
		mainly grey but green from 32.1 to 36.1												
		then medium grey, lots of small fragments												
		elongated (green chlorite 31.6-36.3)												
38.4	39.5	ANDESITE	90°											
		-dark green, altered to green chlorite,												
		locally large amphibolite crystals												
		-fine grained to coarse grained (folded)												
39.5	41.3	ALTERATION ZONE												
		-as before mafic to intermediate tuff												
		-20-30% brown mica (biotite with												
		phlogopite, also sericite) sheared,												
		-folded												
41.3	43.4	INTERMEDIATE TUFF	50°	1%	15044	40.15	43.4	0.25	<3		6	420	62	<0.2
		-highly altered, sericite, biotite,			15045	43.4	44.15	0.75	3		4	220	85	0.2
		-sheared, some pink garnets,												
		-trace sulphides												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
43.4	44.1	PORPHYRY OR TUFF												
		-gradational contacts, sheared,												
		mainly feldspar, quartz & biotite												
		deformed												
44.1	47.2	MAFIC FLOW		1% cpy	15046	44.15	45.3	1.15	85		6	840	1500	0.2
		-highly altered, banded, 10-20%												
		brown biotite												
		45.0-45.2 large garnets												
		44.15-45.7 approx. 1% cpy & py.												
		-highly sheared												
47.2	50.6	MAFIC VOLCANICS	50°	trace	15047	47.2	47.7	0.5	<3		6	280	65	<0.2
		-highly altered, sheared, erratic,		approx 1% cpy 1-2%py	15048	47.7	48.3	0.6	60		2	760	1200	0.8
		-chalcopyrite, pyrite, some fragments		1-2%py	15049	48.3	49.6	1.3	6		4	240	580	0.6
		of granodiorite - start of contact zone		2-3%	15050	49.6	50.6	1.0	3		4	260	480	0.4
		-locally approx 1% cpy		2-3%	15051	50.6	52.0	1.4	<3		2	156	65	<0.2
50.6	52.2	CONTACT ZONE												
		-mixture of mafic volcanic with												
		granodiorite, all altered, biotite,												
		silicified 1-3%, sulphides erratic												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
52.2	60.7	GRANODIORITE												
		-massive, good foliation, feldspar,												
		quartz, biotite, minor k-spar alteration												
		approximately 56.3m - dark grey with												
		white feldspar phenocrysts, some												
		amphibolite												
60.7	69.7	MIXED ZONE												
		-granodiorite and mafic volcanic												
		highly sheared, fine grained, biotite,												
		amphibolite												
69.7	75.1	MAFIC FLOW												
		-dark green-grey fine grained to massive												
		-few quartz-carbonate filled fractures												
		-fault at 70.7-71.1 - core highly												
		broken, bleached												
75.1	78.2	MAFIC FLOW												
		-paler green, fine grained, altered,												
		chloritic, sheared, fractured												
		-core broken, minor quartz carbonate in seams												

DIAMOND DRILL HOLE LOG

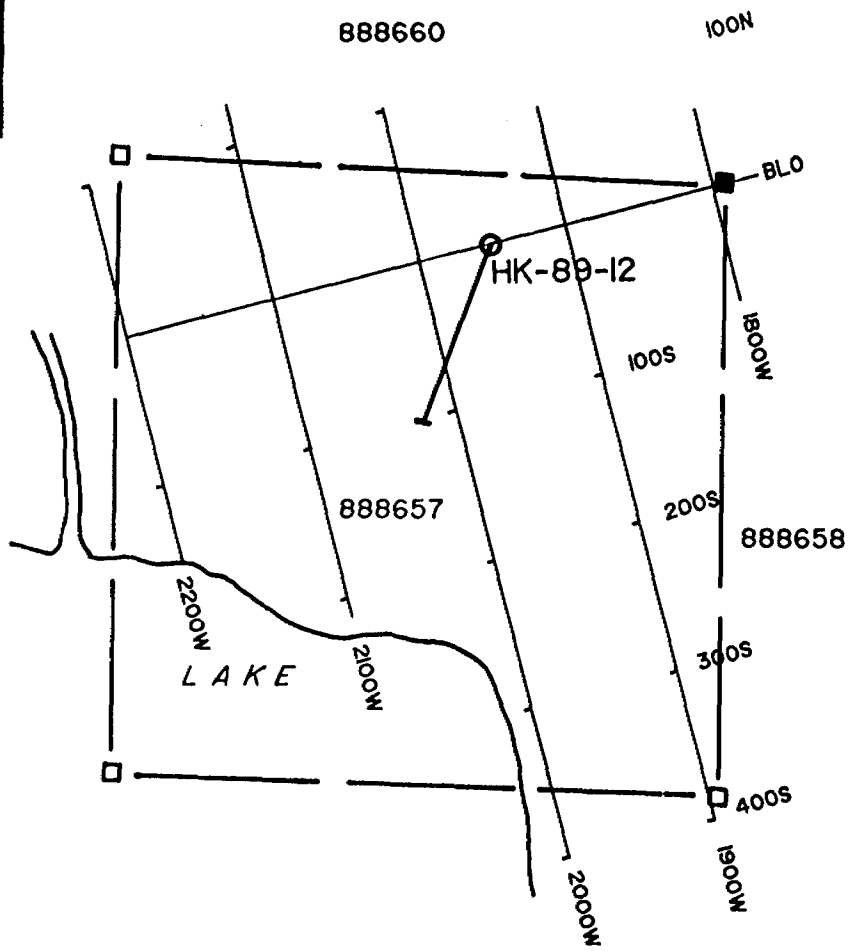
METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
78.2	81.0	MAFIC TUFF	65°											
		-sheared, well banded, mainly hornblende												
		and brown biotite, uneven alteration												
81.0	83.2	MAFIC FLOW												
		-fine grained massive, dark green												
		slightly fractured, possibly old dyke												
83.2	85.6	MAFIC FLOW												
		-sheared, massive quartz carbonate												
		stringers, fracture fillings, fine-												
		grained, minor epidote			15052	85.5	86.0	0.5	<3		2	48	29	<0.2
85.6	86.0	MAFIC FLOW												
		-coarse grained (amphibolite), lower												
		contact fine grained, massive,												
		sheared, quartz vein, coarse grained,												
		minor calcite, mafic volcanic mixed in												
		chlorite												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
86.0	90.2	MAFIC TUFF & FLOW												
		-areas with alteration, brown biotite												
		-porphyry dyke, highly sheared, altered,												
		some silica - quartz carbonate stringers												
90.2	93.0	MAFIC FLOW												
		-fine grained grey-green, few quartz												
		carbonate stringers												
93.0	94.5	MAFIC TUFF		1-2%py	15053	93.6	94.3	0.7	21		2	162	680	0.2
		-altered, brown biotite 1% sulphides												
94.5	102.4	MAFIC FLOW												
		-fine grained, parts porphyritic,												
		dark grey green, minor quartz-												
		carbonate stringers - locally brown												
		biotite alteration												
		END OF HOLE												

Howard Lahti



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DURHAM GEOLOGICAL SERVICES INC.

For: AURLOT EXPLORATION LTD.

Title:

HK-89-12

Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 888657

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP & VLF conductors

HOLE NUMBER: HK-89-12

LOCATION: L19+50W/0+00 BL

AZIMUTH: 200°

DIP: -45° S

DATES: Sept. 25- Sept. 26

CASING: 12.2 m

LENGTH: 154m

DIP TESTS: 0M=45°, 32M=40°, 63M=40°, 93M=37°
124M=36°, 154M=30°

DURHAM GEOLOGICAL SERVICES INC.

HK-89-12 Page 1

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	12.2	CASING												
12.2	17.2	MAFIC FLOW	65°											
		-fine grained, sheared, massive												
		-some quartz-calcite stringers,												
		fractured fillings - locally core broken,												
		-dark green, silicified (mainly horn-												
		blende)												
17.2	21.	MAFIC FLOW												
		-fine grained (amphibolite)massive												
		-few fractures, silicified, trace pyrite												
21.1	34.1	MAFIC FLOW												
		-fine grained to medium dark green-grey												
		-several small quartz epidote veinlets												
		-fault at 27.8-28.1 core highly broken												
		-fault at 33.8-34.1-fracture zone												
		-water movement along zone	45°											
		-area of epidote alteration at 32.9-												
		33.4												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
34.1	45.0	MAFIC FLOW												
		-fine grained (locally medium grained)												
		-silicified, weak shearing												
		-large fault-fracture zone 34.1-35.4												
		-some epidote especially in fractures,												
		-weathered appearance												
45.0	47.5	MAFIC FLOW			15054	44.7	46.0	1.3	<3		<1	114	43	<.2
		-massive, black, 15-25% fine to coarse		<1%	15055	46.0	47.6	1.6	<3		<1	128	30	<.2
		grained pink garnets, erratic pyrite		<1%	15056	47.6	47.9	0.9	<3		<1	94	30	<.2
		<1%		3-4%	15057	47.9	48.25	0.35	<3		<1	98	130	<.2
				1%	15058	48.25	48.75	0.5	<3		<1	90	47	<2
47.5	52.5	MAFIC FLOW												
		-massive weak, dark green, few fractures												
		with quartz epidote and carbonate												
52.5	58.5	MAFIC FLOW	60°											
		-as above but numerous faults,												
		anomalous with quartz epidote and												
		carbonate - larger zone with core												
		highly broken - chlorite alteration												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
58.5	59.8	MAFIC FLOW												
		-massive, few fractures, sheared	70°	trace	15059	58.5	59.8	1.3	13		<1	106	110	<.2
					15060	59.8	60.7	0.9	<3		2	96	190	"
59.8	61.4	MAFIC TUFF	90°	3-4%	15061	60.7	61.0	0.3	<3		2	64	110	"
		-silicified, banded, highly sheared		4-5%	15062	61.0	61.4	0.4	<3		2	260	84	"
		(possible altered shear zone in mafic		1-2%	15063	61.4	62.4	1.0	<3		8	320	110	"
		flow)												
		-rapid change in shearing to core angle												
		-chlorite suggest folding near major												
		fault 1-2% sulphides												
61.4	62.4	MAJOR FAULT												
		-silicified gouge, medium grained												
		breccia with 1-2% pyrite erratic												
62.4	65.0	MAFIC FLOW	60°	2-3%	15064	62.4	63.6	1.2	<3		<1	180	79	<0.2
		-fine grained, fractured, silicified		trace	15065	63.6	64.5	0.9	<3		<1	172	60	<0.2
		hairline fractures with quartz-epidote		8-10%	15066	64.5	65.0	0.5	<3		2	124	110	<0.2
		-minor chlorite, some shear planes,												
		-locally 8-10% coarse grained pyrite												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
65.0	68.1	MAFIC FLOW		1-2%	15067	65.0	65.9	0.8	3		<1	154	80	<0.2
		-fine grained, sheared, massive quartz-												
		carbonate stringers, trace pyrite along												
		fractures												
68.1	72.1	MAFIC FLOW		1-2%	15068	70.0	70.9	0.9	<3		<1	132	110	<0.2
		-fine grained, silicified, trace sulphides		1%	15069	70.9	72.3	1.4	3		<1	132	85	<0.2
		-numerous quartz carbonate stringers			15070	72.3	73.1	0.8	<3		<1	134	110	<0.2
72.1	76.5	-as above but more epidote, silica-	70°											
		carbonate in hairline fractures, some												
		vuggy fractures												
76.5	88.1	MAFIC FLOW												
		-(possibly some tuffaceous sections)												
		-sheared, minor sections brecciated												
		with carbonate, silica, fragments of												
		mafic volcanics												
88.1	89.2	INTENSE FRACTURE ZONE												
		-breccia, silicified, some epidote,												
		carbonate shallow angle to core axis												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
89.2	91.5	MAFIC FLOW		1-2%	15071	76.5	77.0	0.5	3		<1	118	90	
		-fine grained, sheared, numerous												
		hairline fractures with epidote,												
		carbonate, silica (silicified)												
91.5	93.7	LARGE FAULT ZONE	note 1.2	<1%	15072	91.5	93.7	2.2	<3		<1	220	220	
		-breccia, fault gouge (chlorite)	lost core	<1%	15073	93.7	95.2	1.5	3		2	300	220	
		-quartz carbonate locally vuggy												
		-core badly broken, ground 1.2m lost												
		-minor sulphides - some epidote												
		-some silicification near the margins												
93.7	95.2	Zone of less intense fracturing and												
		brecciation - 100% core recovery,												
		-epidote quartz - some silicification												
95.2	96.8	MAFIC FLOW												
		-fine grained, massive, hard, few												
		breccia zones,												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
96.8	98	QUARTZ VEIN		qtz vein	15074	96.8	98	1.2	7		<1	96	62	
		-shallow angle to core and pure white												
		coarse grained with some mafic flow												
		fragments												
98.0	105.5	MAFIC FLOW												
		-fine grained, massive, some shearing,												
		quartz carbonate, epidote stringers												
		-some chlorite, mainly amphibolitic												
105.5	108.5	MAFIC FLOW												
		-some folding, small section with												
		medium sized garnets, possibly some												
		mafic tuff, quartz carbonate stringers												
108.5	109.3	MAFIC FLOW	70°											
		-coarse grained amphibolite, massive												
109.3	114.6	MAFIC FLOW												
		-fine grained, weak silicification												
		-numerous quaartz carbonate stringers												
		-weakly sheared												

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
114.6	117.2	MAFIC FLOW		1-2%	15075	117.2	117.9	0.5	<3		2	200	120	<0.2
		-fine grained, dark grey-green massive		1-2%	15076	117.9	118.4	0.5	<3		2	1160	180	<0.2
		-some fractures with quartz-carbonate												
		-some silicification												
117.2	119.0	ALTERATION ZONE	85°											
		-sheared, banded with brown biotite												
		-silica, pyrite 1-2% in erratic												
		seams & disseminated												
119.0	121.4	MAFIC FLOW												
		-massive, coarse grained, black												
121.4	123.4	MAFIC FLOW												
		-coarse grained as above but altered												
		with brown biotite, massive												
123.4	124.2	MAFIC FLOW												
		-coarse grained, very little brown												
		biotite, massive												

DURHAM GEOLOGICAL SERVICES INC.

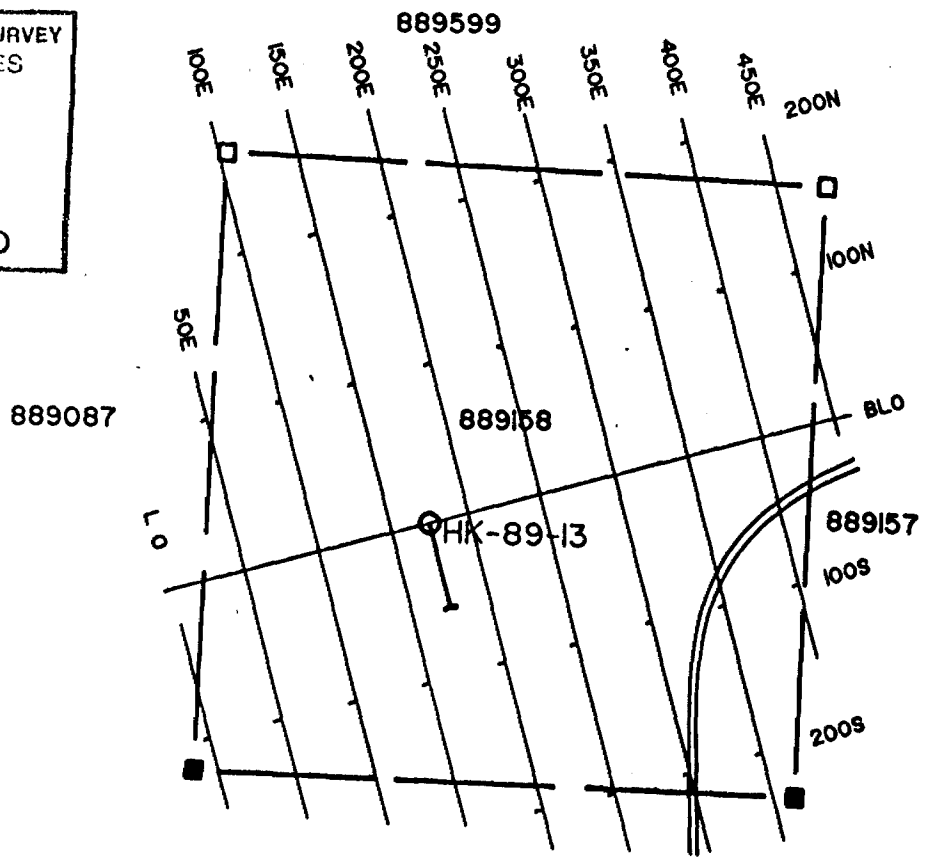
DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
124.2	130.5	MAFIC FLOW												
		-fine grained, some chlorite, minor												
		quartz carbonate stringers, weak												
		shearing												
130.5	131.7	-as above but more shearing and quartz	80°	2-3%	15077	130.5	131.6	1.2	7		2	840	120	<0.2
		carbonate alteration plus pyrite 1-3%		5-7%	15078	131.6	131.7	0.15	3		8	112	390	<0.2
		-averages locally 7cm up to 20-30%												
		erratic - minor epidote, vuggy fractures												
		with epidote												
131.7	134.4	MAFIC FLOW												
		-fine grained, minor brecciation with												
		quartz carbonate, weak shearing												
134.4	145.7	MAFIC FLOW												
		-coarse grained, sheared (weak)												
		-massive, few fractures - some k-spar												
		alteration at 135.1												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
145.7	151.8	MAFIC FLOW												
		-sheared alteration, some brown biotite,	70°											
		-quartz-carbonate stringers												
151.8	152.8	FAULT ZONE												
		-(mafic flow) shallow angle 15° to												
		core axis to sub-parallel filled with												
		quartz-carbonate and fragments of mafic												
		volcanic												
152.8	154.3	MAFIC FLOW												
		-fine grained, some alteration,												
		quartz carbonate, trace pyrite on												
		shallow planes												
		END OF HOLE												



DURHAM GEOLOGICAL SERVICES INC.		
For: AURLOT EXPLORATION LTD.		
Title: HK-89-13		
Date: SEPT 89	Drawn: C.G.	Scale: 1:5000
NTS: 42C,42F	Approved:	Fig.:

Durham Geological Services Inc.
P.O. Box 1330
Timmins, Ontario
P4N 7J8

DIAMOND DRILL HOLE LOG

PROJECT: Aurlot Exploration

AREA: Hawkins Township

CLAIM NUMBER: P 889158

CORE SIZE: BQ

DRILLED BY: Alexandre Drilling Inc.

LOGGED BY: H. Lahti

CORE STORED AT: Oba

OBJECTIVE: Test IP Anomaly, Extensions of Main Zone

HOLE NUMBER: HK-89-13

LOCATION: L 1+75E/0+00 BL

AZIMUTH: 165°

DIP: -45° S

DATES: Sept. 27th

CASING: 6m

LENGTH: 78.0m

DIP TESTS: 0M= 45°, 32M=43° 63M=37°

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
0	6	CASING												
6	9.7	DIABASE DYKE												
		-medium grained magnetic, fractured												
9.7	10.6	FELSIC DYKE												
		-highly sheared, silicified, knife												
		edge contact with diabase - core highly												
		broken (jointing)												
10.6	17.8	MAFIC FLOW	40°											
		-fine to medium grained, sheared,												
		-small sections silicified with epidote,												
		-k-spar hematite staining, sheared												
		-some quartz carbonate stringers												
		within fracture fillings												
17.8	18.8	ALTERATION ZONE		trace	15079	17.8	18.5	1	<3		2	38	64	<0.2
		-intense shearing, silicified, epidotized												
		plus some carbonate, breccia, minor												
		hematite staining, trace pyrite												
		especially along shear planes												

DURHAM GEOLOGICAL SERVICES INC. - DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
18.8	22.2	MAFIC FLOW												
		-fine grained, altered, silica and												
		carbonate and epidote, moderate												
		deformation, lots of quartz, epidote-												
		carbonate stringers and patches												
22.2	24.9	MAFIC FLOW	45°	1%	15080	23.6	24.9	1.3m	<3		4	94	75	<0.2
		-intense shearing, alteration, silicified,												
		carbonate, epidote-hematite, biotite,												
		chlorite, 1% pyrite erratic												
24.9	27.3	-as before but more alteration, some	45°	1-2%	15081	24.9	25.55	0.65	3		4	80	120	<0.2
		garnets yellow, brown, trace pyrite,		2-3%	15082	25.55	25.90	0.35	38		4	52	130	<0.2
		pyrite = 2-3%, erratic, highly silicified		1%	15083	25.90	27.30	1.4	<3		4	84	120	<0.2
		-epidote												
27.3	34.8	MAFIC FLOW												
		-less alteration, quartz-epidote,												
		rare garnets, moderate deformation,												
		massive numerous quartz-epidote												
		bands and stringers												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
34.8	35.5	FRACTURE ZONE												
		-in mafic flow, fine grained, numerous												
		quartz-epidote veinlets, some breccia												
35.5	36.9	MAFIC FLOW												
		-as before												
36.9	37.2	FAULT ZONE												
		-healed with quartz, epidote, breccia,												
		-shall angle to core axis												
37.2	45.7	MAFIC FLOW	40°	2-3%	15084	38.6	39.2	0.6	3		6	100	350	<0.2
		-some shearing and fractures		3-4%	15085	39.2	40.0	0.8	<3		2	100	86	<0.2
		-numerous thin areas of silica,												
		-epidote alteration, trace chalcopyrite												
		-some chlorite, rare pyrite, sheared												
45.7	47.25	MAFIC FLOW												
		-fine grained, amygdaloidal with												
		numerous quartz, epidote veinlets												
		stringers sheared												

DURHAM GEOLOGICAL SERVICES INC. - DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
47.25	52.7	MAFIC FLOW	50°											
		-fine grained, much less silica-epidote												
		alteration, massive, rare pyrite												
52.7	59.3	MAFIC FLOW												
		-fine grained, silicified, epidotized												
		with numerous quartz-epidote veinlets												
		-shallow angle to core axis - appears												
		to be chill margin of flow												
59.3	71.9	MAFIC FLOW												
		-medium grained, massive patches of												
		salt and pepper texture (due to												
		increase in folds) some shearing,												
		-much less quartz-epidote veinlets												
		20cm quartz veinlet 60.6-60.8												
		contaminated with mafic volcanic												
		fragments - gradational contact at												
		71.9 to chill margin, however part												
		of sector with quartz-epidote-hematite												
		veinlets												

DURHAM GEOLOGICAL SERVICES INC.

DIAMOND DRILL HOLE LOG

METERAGE		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE				ANALYTICAL RESULT					
From	To				Number	From	To	Length (m)	Au ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Ag ppm
71.9	73.8	MAFIC FLOW												
		-fine grained, epidotization												
		-some pyrite, moderately hornblende												
73.8	75	FRACTURE-SHEAR ZONE												
		-core broken in mafic flow as above,												
		-numerous quartz epidote veinlets												
		-some hematite staining												
75	78	MAFIC FLOW												
		-fine grained, much less quartz-epidote												
		-fewer fractures												
		END OF HOLE												
		Virtually 100% core recovery												

Howard Lath

Ministry of Northern Development and Mines
Ontario

DOCUMENT No.
W9005• 002

Instructions

42C16NE8231 24 HAWKINS

900

AK

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
GOLDFIELDS CANADIAN MINING LTD. C/O AURLOT EXPLORATION 1404-141 ADELAIDE W. TORONTO, ONTARIO M5H 3M7	T-1195 Telephone No. 416-366-2098

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: HAWKINS (Wawa)									
Total Assessment Credits Claimed: 0									
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: SEPT 9 To: SEPT 27/89	3077	0	3077

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
						P 915300	356	P 860507	862	P 888658	337
P 888610	169	P 888611	592	P 888657	505	P 889158	256				

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

DRILLING COMPANY

FORAGE ALEXANDRE INC.
VAL D'OR, QUEBEC

SIZE OF DRILL CORE

DRILL HOLE	FOOTAGE
HK-89-6	506'
HK-89-7	356'
HK-89-8	356'
HK-89-9	506'
HK-89-10	256'
HK-89-11	336'
HK-89-12	505'
HK-89-13	256'
TOTAL FOOTAGE =	3077'

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
JAN 19 1990
RECEIVED

RECORDED
NOV 20 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)
	Nov 13/89	Randy Maass

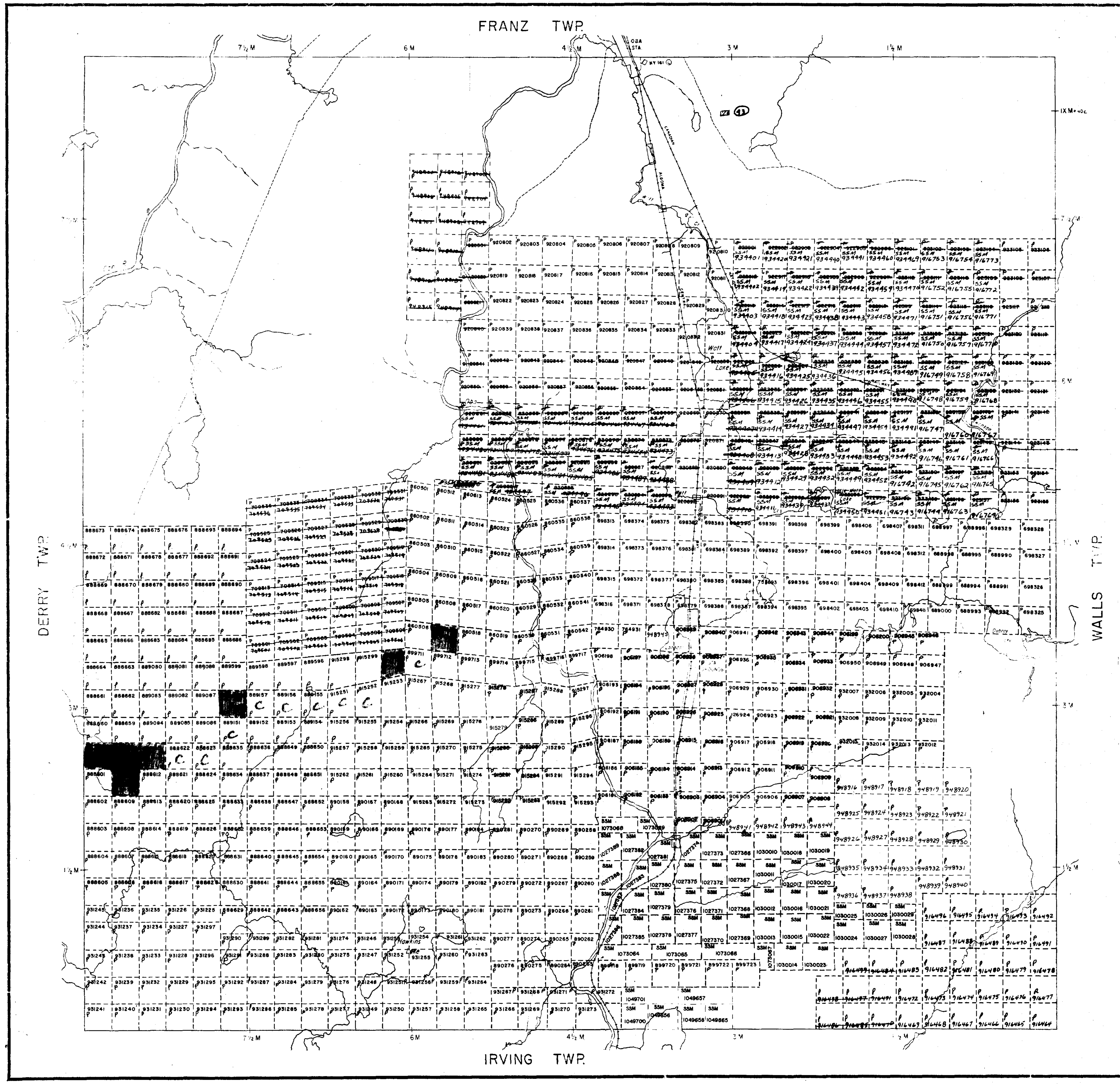
Certification Verifying Report of Work

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			
RANDY MAASS C/O DURHAM GEOLOGICAL BOX 1330			
TIMMINS, ONT. P4N 7J8	Telephone No. 268-6644	Date Nov 13/89	Certified By (Signature) Randy Maass

For Office Use Only

Work Assignments	Received Stamp
	SAULT STE. MARIE MINING DIV RECEIVED NOV 20 1989 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.



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
(41)		4/10/72		64585

Proposed Forestry Work in Township 1988/89 Work schedule available for viewing upon request

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

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 2000 (1 KM) (2 KM)

TOWNSHIP

HAWKINS

M.N.R. ADMINISTRATIVE DISTRICT
HEARST

MINING DIVISION
SAULT STE. MARIE

LAND TITLES / REGISTRY DIVISION
ALGOMA

Ministry of Natural Resources — Land Management Branch
Ontario

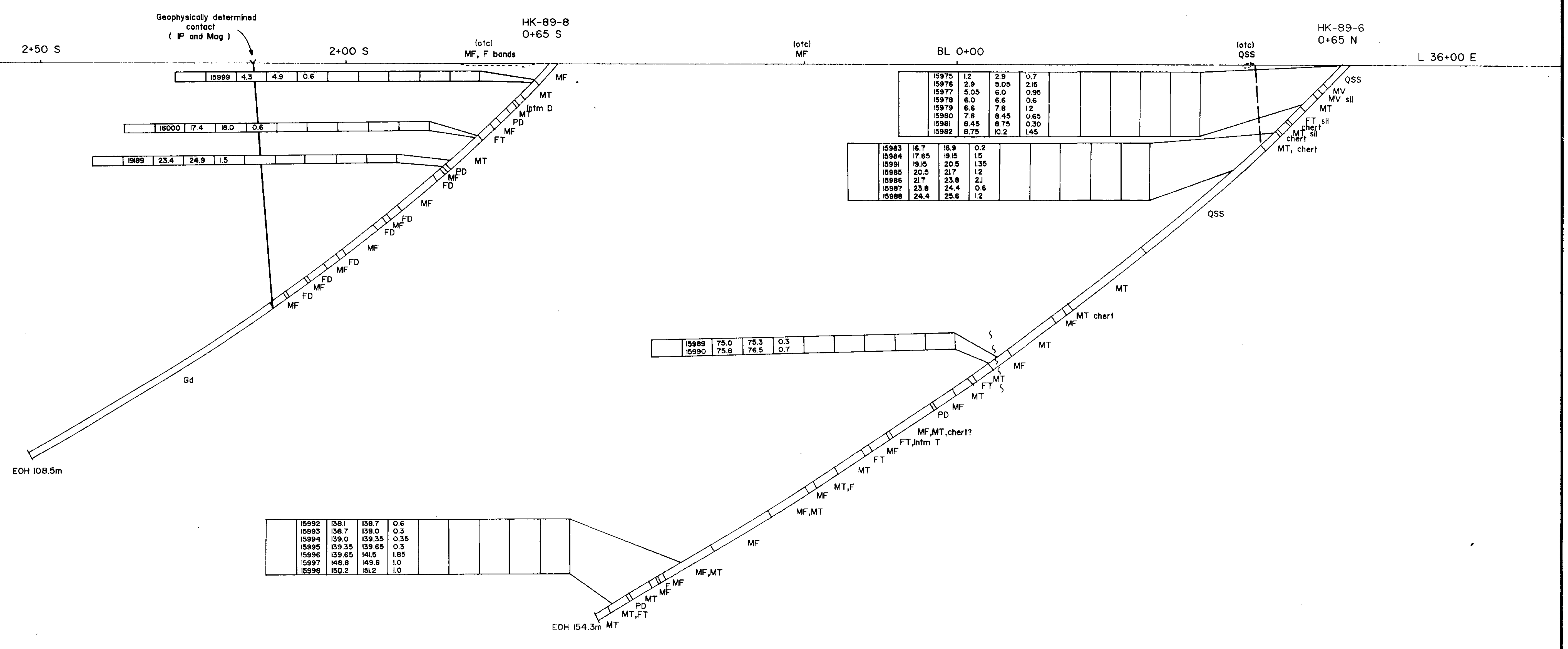
Date: MARCH 3, 1983
Checked by: J.D.

Number: G-2316

TRIM LINE

42C16NE8231 24 HAWKINS

210



VOLCANIC ROCKS

- MV Mafic Volcanic
- MT Mafic Tuff
- MF Mafic Flow
- Fel Felsite
- FT Felsic Tuff
- QSS Quartz Sericite Schist
- V Volcanic
- T Tuff
- Intm V Intermediate Volcanic

INTRUSIVE ROCKS

- grn granite
- Dia Diabase
- FP Feldspar Porphyry
- PD Porphyry Dyke
- D Dyke
- Gd Granodiorite
- intm D intermediate Dyke

SEDIMENTARY ROCKS

- MS Metasediments
- MPS Meta-Pelitic Sediments
- bio sch biotite schist
- blk chert black chert
- gph sch graphitic schist
- mag magnetite
- S Sulphide
- IF Iron Formation
- P pelitic
- seds sediments

ALTERATION

- alt alteration
- sil siliceous
- ep epidotization
- ser sericitization
- Amph amphibolized

MINERALS

- QV quartz vein
- ep epidote
- sil silica
- gph graphite
- amph amphibole
- bio biotite
- g garnet
- chl chlorite
- carb carbonate
- musc muscovite
- kspar potassium feldspar
- felds feldspar
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- mag magnetite
- gal galena
- hem hematite
- peg pegmatite
- phlog phlogopite
- b breccia

DESCRIPTIONS

- Fb fault breccia
- shd sheared
- frc fractured
- bd banding
- c.gr coarse grained
- m.gr medium grained
- f.gr fine grained
- m massive
- dev developed
- diss disseminated
- fld folded
- int intense
- lam laminated
- Ovb overburden
- F flow
- pill pillowed
- min mineralized

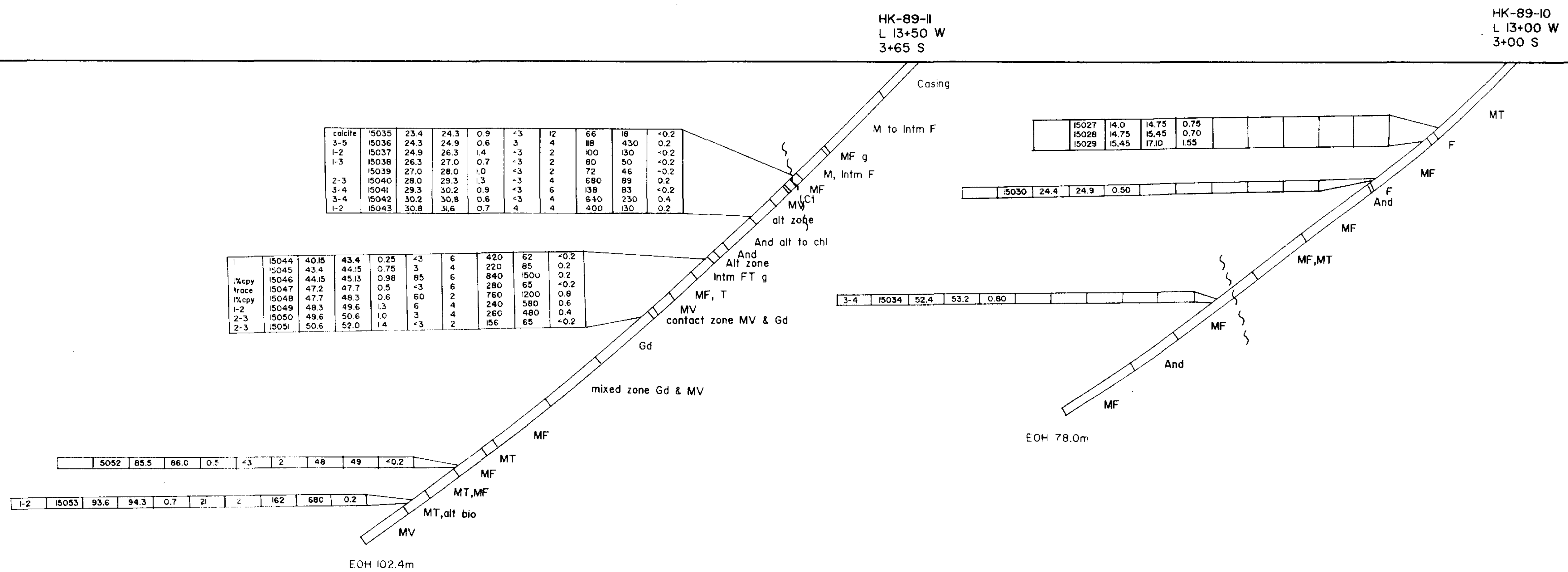
%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag

SMIP 89-10
Hawkins Twp DDR #24

REVISIONS	DURHAM GEOLOGICAL SERVICES INC.
	For AURLOT EXPLORATIONS LTD.
	Title HAWKINS TOWNSHIP L 36+00 E
	Diamond Drill Hole Section
	HK-89-6 and HK-89-8
	... 989 ...

42C16NE8231 24 HAWKINS

220



%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag
calcite	15035	23.4	24.3	0.9	<3	12	66	18	<0.2
3-5	15036	24.3	24.9	0.6	3	4	118	430	0.2
1-2	15037	24.9	26.3	1.4	<3	2	100	130	<0.2
1-3	15038	26.3	27.0	0.7	<3	2	80	50	<0.2
	15039	27.0	28.0	1.0	<3	2	72	46	<0.2
2-3	15040	28.0	29.3	1.3	<3	4	680	89	0.2
3-4	15041	29.3	30.2	0.9	<3	6	138	83	<0.2
3-4	15042	30.2	30.8	0.6	<3	4	640	230	0.4
1-2	15043	30.8	31.6	0.7	4	4	400	130	0.2

%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag
1	15044	40.15	43.4	0.25	<3	6	420	62	<0.2
	15045	43.4	44.15	0.75	3	4	220	85	0.2
1%cpy	15046	44.15	45.13	0.98	85	6	840	1500	0.2
trace	15047	47.2	47.7	0.5	<3	6	280	65	<0.2
1%cpy	15048	47.7	48.3	0.6	60	2	760	1200	0.8
1-2	15049	48.3	49.6	1.3	6	4	240	580	0.6
2-3	15050	49.6	50.6	1.0	3	4	260	480	0.4
2-3	15051	50.6	52.0	1.4	<3	2	156	65	<0.2

%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag
	15052	85.5	86.0	0.5	<3	2	48	49	<0.2
1-2	15053	93.6	94.3	0.7	21	2	162	680	0.2

%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag
	15027	14.0	14.75	0.75					
	15028	14.75	15.45	0.70					
	15029	15.45	17.10	1.55					
	15030	24.4	24.9	0.50					
3-4	15034	52.4	53.2	0.80					

OMIP 89-10
Hawkins Twp DDR #24

%S	Sample No.	From	To	Length	Au	Pb	Zn	Cu	Ag

REVISIONS	DURHAM GEOLOGICAL SERVICES INC.
	For: AURLOT EXPLORATIONS LTD.
	Title: HAWKINS TOWNSHIP **Diamond Drill Hole Section** HK-89-10 and HK-89-11
	Date: Oct. 1989 Drawn: C.G. Scale: 1cm=5m
	NTS: 42C/42F Approved: Fig.

42C16NE8231 24 HAWKINS

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