



42A04NW0118 23 KENOGAMING

DIAM

010

TOWNSHIP: KENOGAMING TWP.

REPORT NO: 23

WORK PERFORMED FOR: Halley Resources Limited

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ()

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 1025231	H89-1	707'	Dec/89	(1)

NOTES: (1) #W9006.080, filed Mar/90

HALLEY RESOURCES LTD - BOREHOLE LOG H89-1.

Akweskwa Lake Gold Property, Kenogaming Twp., Ontario

HOLE #89-1 CO-OR: .03E, 1.38S DIP: -51° e 210° LENGTH: 707 ft.

FOOTAGE ft	GEOLOGY	CA SAMPLE #	ASSAY ppb	Other
0-20	Overburden. Start of Hole			Dip Tests
20-61	Andesite - fine grained, grey, weakly to moderately foliated intermediate lava with about 1% disseminated, stretched pyrite. Few white quartz veins and fracture-fillings with weakly silicified contacts. Minor epidotization associated with fracturing and veining. Gradational lower contact.	50		e200' - 51' e600' - 51'
61-66	Silicified Andesite - fine grained, pale grey to locally pink, weakly foliated lava that is cut by several narrow white quartz veins (.5 to 5 cm) at 35 to 55°. Approximately 2% pyrite. Gradational contact.	50		
66-82	Andesite - fine grained, grey, weakly foliated intermediate lava cut by a few white quartz veins at 40 to 60°. <1% pyrite overall.	50		
82-111	Silicified Andesite - fine grained, pale grey and pink, variably silicified lava showing weak to moderate foliation at 50°. <1% pyrite overall. Pink alteration and epidotization associated with quartz veins and fracture-fills. Stretched, quartz-filled amydgules locally. Gradational contact.	50		
111-151	Andesite - fine grained, dark grey, only weakly foliated at 40 to 50°. <1% pyrite. Few tiny white quartz veins and numerous epidote-filled fractures parallel to foliation.	50		
151-198.5	Silicified Andesite - fine grained, pale grey and pink silicified lava with <1% pyrite. Moderately foliated at 50°. Silicified zones associated with white quartz veins with 2 to 5% pyrite. Some epidotization. Sharp lower contact at 30°.	50		

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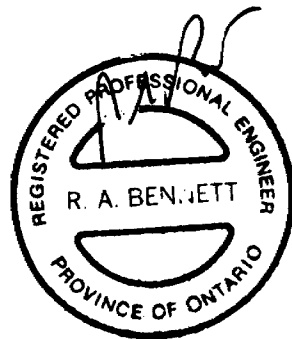
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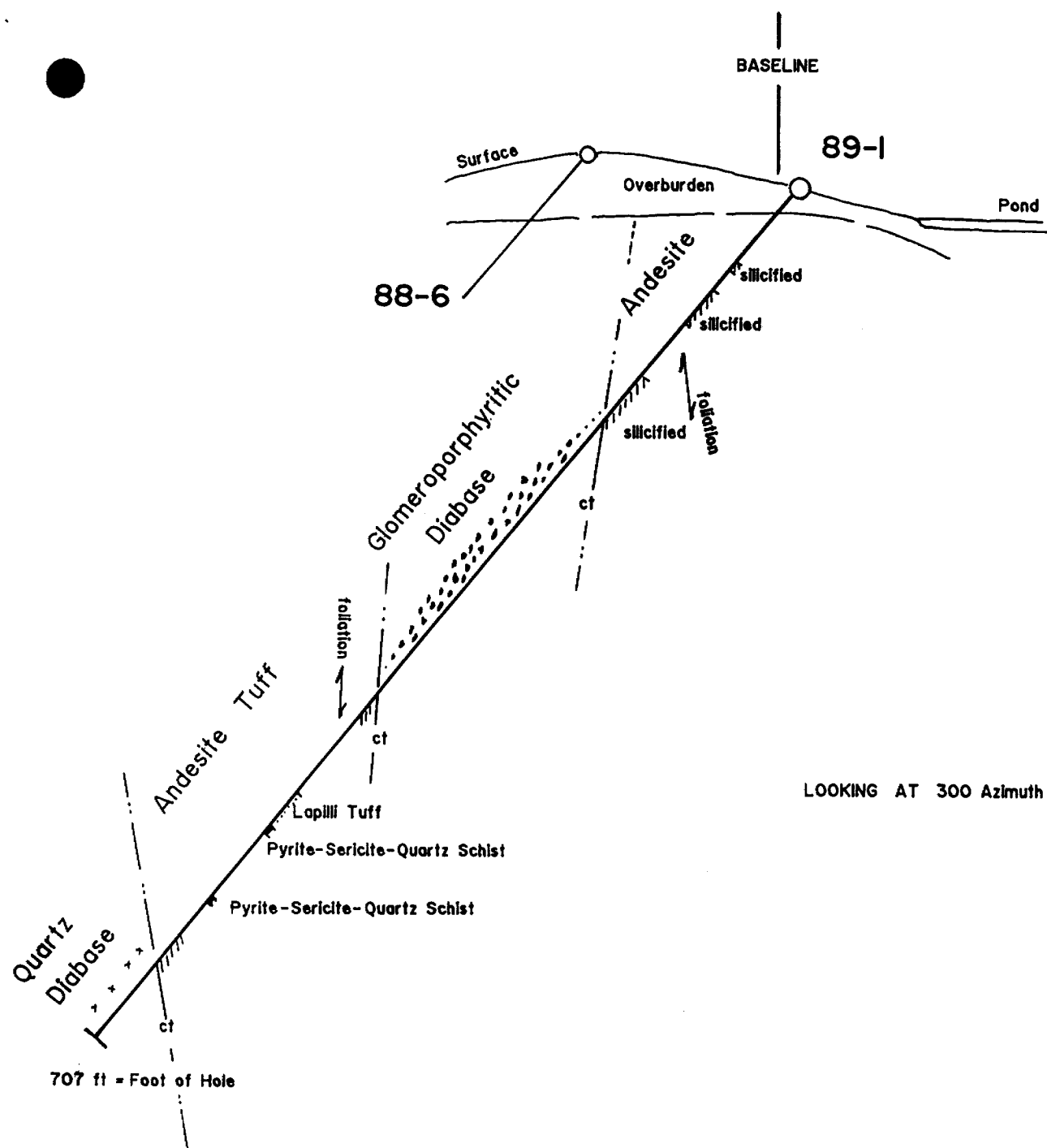
- 198.5-432 **Glomeroporphyritic Diabase** - aphanitic, 30
chilled contact grades to fine grained then
medium grained diabase dyke at 227 ft.
2 mm to 2 cm diameter pale green feldspar
clots disseminated throughout. Dyke is
moderately magnetic. Only rare pyrite.
Numerous chlorite-lined joints at 30 to 60'.
At 390', feldspar porphyroblasts become a
pale pink/cream colour. Sharp, chilled lower
contact at 35'.
- 432-447 **Andesite Tuff** - fine grained, grey-green 35
weakly foliated at 35'. Begin to see a few
stretched clasts of more felsic volcanic
material. 1% pyrite and minor sphalerite
disseminated throughout, and concentrated
in quartz-carbonate fracture fillings.
Minor silicified zones associated with veins.
- 447-450 **Andesite Tuff** as above but with 5% pyrite 40
concentrated in bands at 40'.
- 450-501 **Andesite Tuff** - fine grained, grey-green, 35
foliated and bedded tuff at 35' with 1% pyrite
stretched along foliation. Few epidotized and
silicified fractures. Gradational contacts.
- 501-525 **Lapilli Tuff** - fg. grey-green, andesitic tuff 35
as above but with lapilli-sized, partially
rounded and stretched clasts of dacite. 1% py.
525-530 **Andesite Tuff** - fine to medium grained, 40
grey to locally hematitized, well banded with
1 to 2 % disseminated and stretched pyrite.
Gradational contact.
- 530-533 **Pyrite-Sericite-Quartz Schist** - fine to 35
medium grained, pale grey to buff colour with
a few white quartz veins parallel to the foliation
at 35'. 10% pyrite mostly concentrated as bands.
Gradational contact back to andesite tuff.
- 533-570 **Andesite Tuff** - fine to medium grained, 35
grey-green, foliated + a few lapilli-sized clasts
to 1 cm. 1% pyrite. Gradational contacts.
- 570-575 **Cherty Tuff** - vfg. grey and pink, silicified 35
and pyritized (3%) tuff with several narrow
quartz-carbonate veinlets parallel to the
foliation. Gradational contacts only.
- 575-589 **Andesite Tuff** as before with a sharp lower 40
contact at 40'.

- 589-591 **Pyrite-Sericite-Quartz Schist** -fine 45
grained, pale buff/grey, silicified and
pyritized (6%) ashy tuff with minor sphalerite.
Sharp lower contact at 50'
- 591-644 **Andesite Tuff** - fine grained, grey to locally 35
light pinkish-grey in silicified zones. Few
lapilli-sized dacitic clasts. Last 20 feet is
quite silicified with 1 to 2% disseminated
and stretched pyrite. Sharp lower contact at 50'.
- 644-707 **Quartz Diabase** - aphanitic, chilled contact
zone grades to fine grained then medium grained
homogeneous dark grey to mottled dyke rock
showing diabasic texture. Few chlorite-lined
joints at 55'.

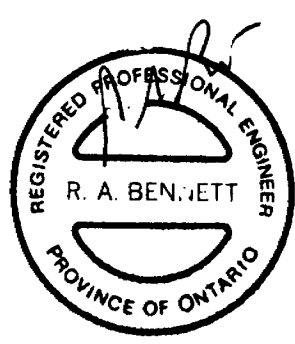
FOOT OF HOLE - 707'

H89-1 was drilled by Trans-Arctic Explorations Limited of Vancouver, B.C. The hole was started December 4th and completed December 10th, 1989. The casing was pulled. 38 core boxes were used. The collar is located 195 meters south and 32 meters west of post # 1 of P.1025231, Kenogaming Twp., Porcupine Mining Division, Ontario.





LOOKING AT 300 Azimuth



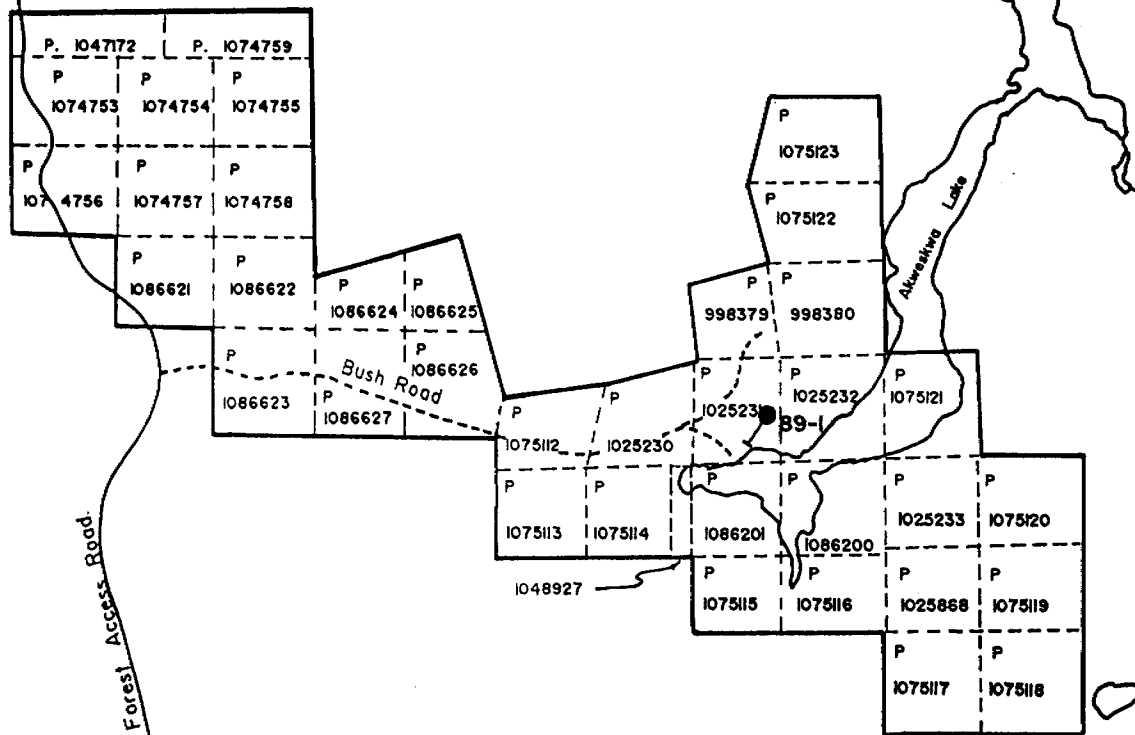
HALLEY RESOURCES LIMITED

Akweskwa Lake Gold Property

BOREHOLE 89-1

Scale 1:1200

To Timmins - 44 km
To Highway 101 - 12 km



KENOGAMING
TWP.

5.0 M

4.0 M

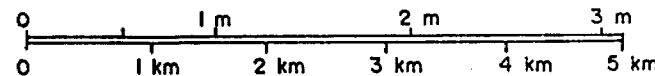
3.0 M

PHARAND TWP.

HALLEY RESOURCES LTD.

AKWESKWA LAKE GOLD PROPERTY

CLAIM MAP



R.A.B.
R. A. BENNETT & ASSOCIATES
SUDBURY, CANADA

AUG 1988
DEC 1989



Mining Act

Report of Work

Name and Address of Recorded Holder HALLEY RESOURCES LIMITED	Prospector's Licence No. T 5199
920-1176 West Georgia, Vancouver, B.C., V7Y1G5	Telephone No. 604-685-7224

Summary of Distribution of Credits and Work Performance

Mining Division	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.
	Prefix	Number	Work Days Cr.		Prefix	Number	Work Days Cr.		Prefix	Number	Work Days Cr.	
Porcupine	P.	1074753	20	P.	1086623	20						
Township or Area Kenogaming Twp.	P.	1074754	60	P.	1086624	60						
Total Assessment Credits Claimed 707	P.	1074755	60	P.	1086625	60						
Type of Work Performed (Check one only)	P.	1074756	27	P.	1086626	60						
	<input type="checkbox"/> Manual Work	P.	1074757	60	P.	1086627	60					
	<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work	P.	1074758	60								
	<input type="checkbox"/> Mechanical equipment	P.	1074759	60								
	<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)	P.	1047172	20								
	<input checked="" type="checkbox"/> Diamond or other Core drilling	P.	1086621	20								
<input type="checkbox"/> Core Specimens	P.	1086622	60									

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Dates when work was performed From: Dec 4/89 To: Dec 10/89	Total No. of Days Performed 707	Total No. of Days Claimed 707	Total No. of Days to be Claimed at a Future Date -
-----------------------------------------------------------------------------	-------------------------------------------	-----------------------------------------	--------------------------------------------------------------

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
	P1025231	707						

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

DRILLED BY: **Trans-Arctic Explorations Limited**
815-850 West Hastings St., Vancouver, BC V6C1E2

EQUIPMENT: **BB5-37 Wireline Diamond Drill.**

CORE SIZE: **BQ**

BOREHOLE: **H 89-1 = 707 feet (Kenogaming Twp)**

LOCATION: **32 meters west and 195 meters south of the #1 Post of P. 1025231, Kenogaming Twp.**

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: **Dec 15/89** Recorded Holder or Agent (Signature): *[Signature]*

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
Robert A. Bennett RR4, SITE 37, BOX 1 SUDBURY ONT

Telephone No. **705-522-7682** Date **Dec 15/89** Certified By (Signature) *[Signature]*

For Office Use Only

Work Assignments	Received Stamp
RECORDED DEC 19 1989	RECEIVED PORCUPINE MINING DIVISION DEC 19 1989 <i>[Signature]</i>

PENHORWOOD TWP.

4.5M

6.0 M

7.5 M



KENOCAMING TWP