

Assessment Work  
Report on a Diamond Drilling Program

On

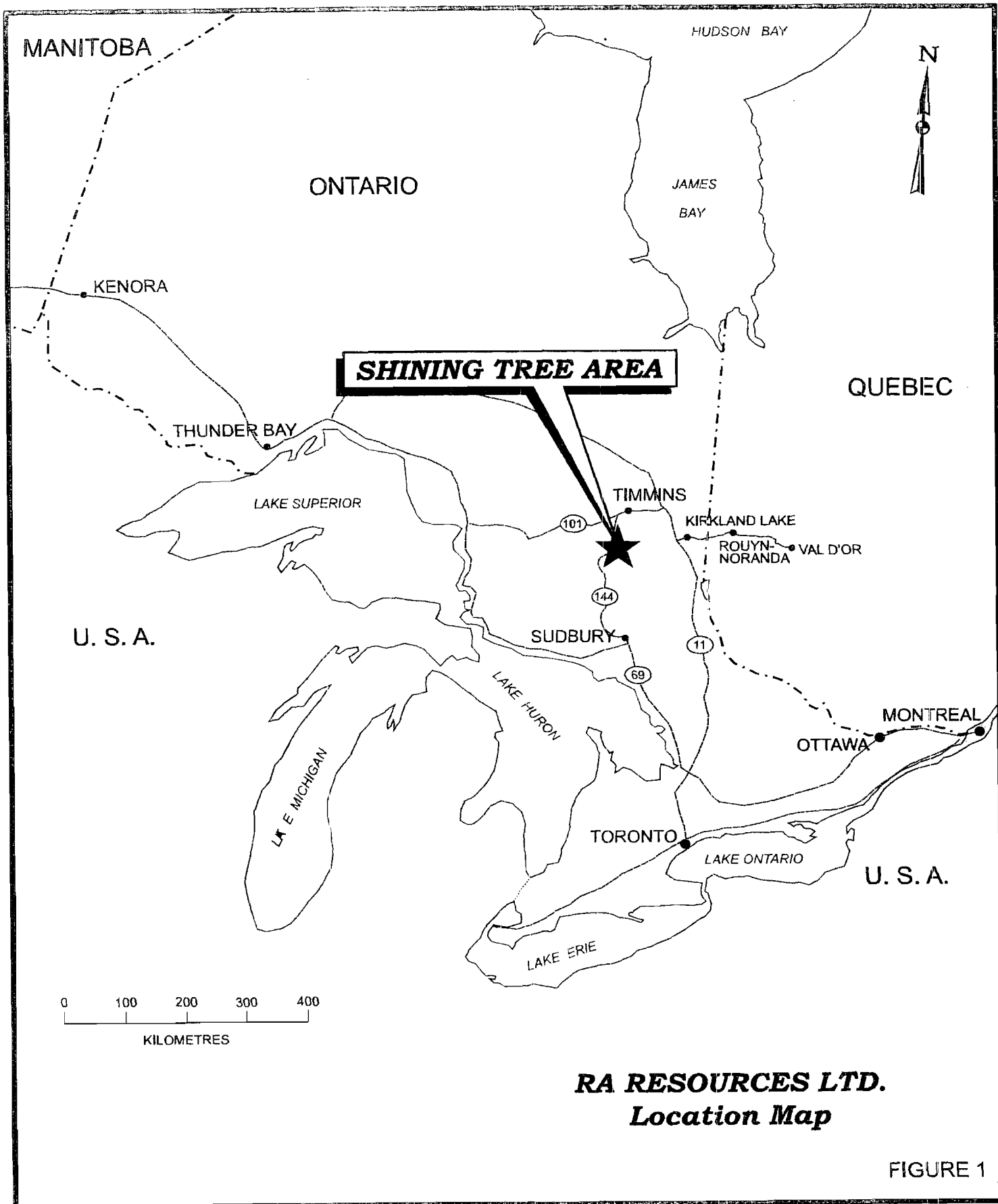
Claim 1240606, Churchill Township Property  
Of  
Ra Resources Ltd.

2-40323

Churchill Township: District of Sudbury  
Larder Lake Mining Division  
NTS 41 P 11

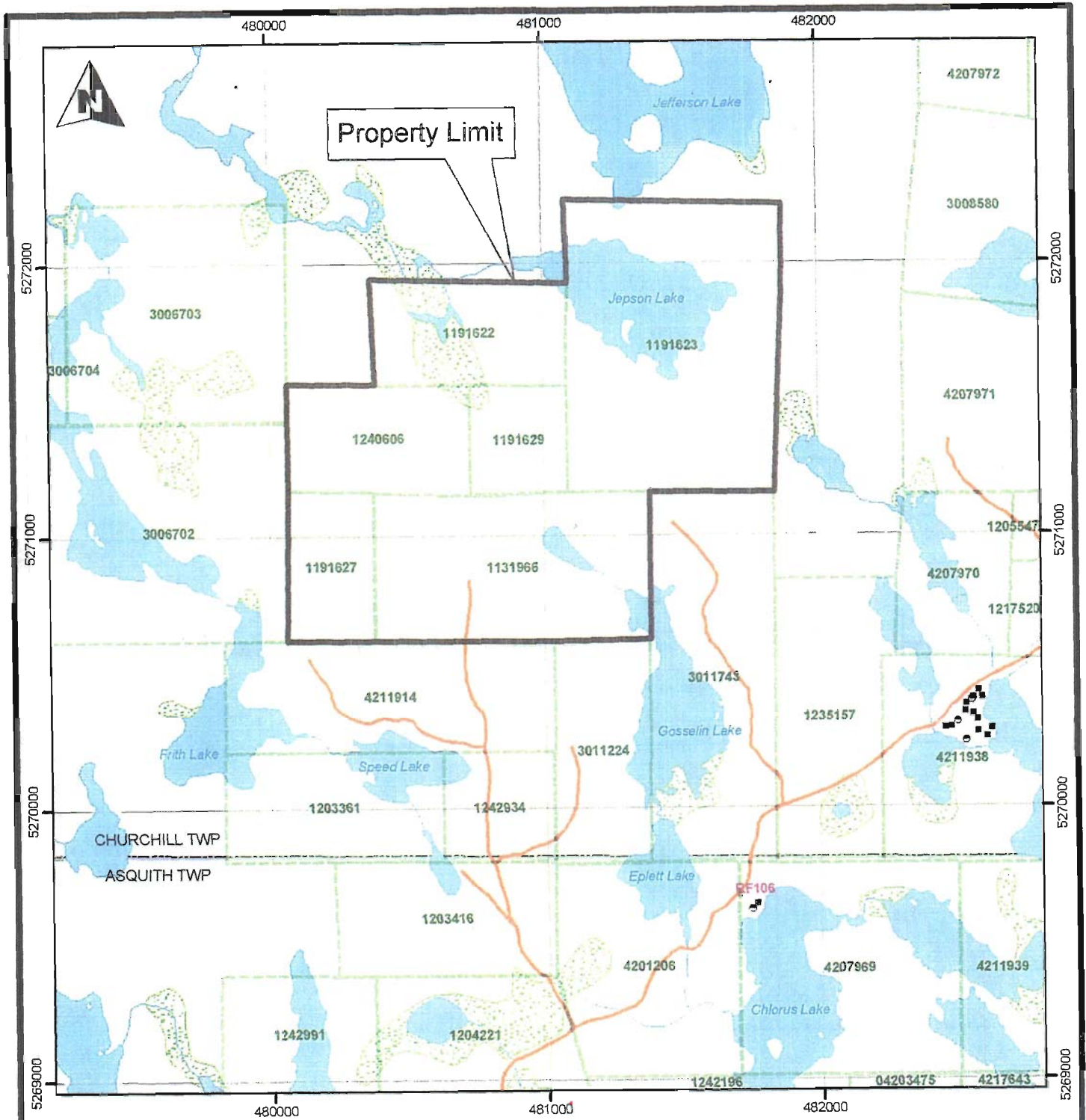
January 2009  
J. L. Tindale, Geologist

Latitude 47°36'  
Longitude 81°15'



**RA RESOURCES LTD.**  
**Location Map**

FIGURE 1



**RA RESOURCES LTD.**

**Claim Map**

**Churchill Twp Property, Ontario**



1:20,000

ra\_res\_clm.mxd

October 2007

Figure 2

## Introduction

During September of 2007, Ra Resources Ltd., the optionor of the Churchill Property, commissioned a drill program to test a northwest trending shear structure on Claim 1240606. Drill logs, assays and a location map are included describing the program.

## Property Holdings and Ownership

Claims making up the contiguous group are listed in the following table and their location is depicted on Fig. 2:

<b>CLAIM NO.</b>	<b>UNITS</b>	<b>RECORD DATE</b>	<b>ASSESS. DUE DATE</b>
1131966	4	5-Dec-00	5-Dec-09
1191622	2	20-Mar-00	20-Mar-10
1191623	6	20-Mar-00	20-Mar-10
1191627	1	15-Jun-00	15-Jun-10
1191629	1	28-Sep-00	28-Sep-10
1240606	2	3-Jul-01	3-Jul-10

The claims are recorded in the name of Roy Annett who shares equal ownership with his partners in the venture, namely, Larry Salo of Connaught, Jack Tindale of Toronto and Robin Lowe of Waterloo, Ontario.

Ra Resources Ltd., an Ontario incorporation, optioned the property from the owners during December of 2006 with the objective of making the Churchill Property their principal acquisition for the purposes of taking the Company public on the TSX Venture Exchange. Option agreement is enclosed.

## Location and Access

The property is located approximately three kilometers north of the village of Shining Tree in the District of Sudbury, Larder Lake Mining Division. Paved highway No. 560, which passes through Shining Tree, connects with highway No. 144 some 53 kilometers to the west from which access to Timmins to the north and Sudbury to the south is obtained. Fig. 1 depicts the property location in relation to these major centres.

A bush trail suitable for four wheel drive vehicles leads north for about two kilometers from highway No. 560 from a point approximately two kilometers east of Shining Tree and provides access to the claim group. An ATV trail leads easterly to the showings from the end of the bush road, a distance of approximately ½ mile.

## General Geology

The geology of Connaught and Churchill Townships was mapped by M. W. Carter in the late 1970's and published as O.G.S. report no. 190 in 1980. Since Carter's mapping much of the area has been clear-cut giving rise to a multitude of logging roads and trails

and subsequent additional exposures of rock outcropping. Quoting Carter's general geology, "Lithologically the Early Precambrian rocks comprise a metavolcanic and metasedimentary sequence interlayered with mafic and ultramafic rocks, all of which are intruded by felsic to intermediate to plutonic rocks and diabase dikes".

The Churchill Property, much of which was mapped at a scale of 1 inch – 400 feet by Peter Born for Onitap Resources Inc. in 1985, (MNDM Assessment Files), is underlain with light to dark green mafic volcanics varying in composition from basalt to andesite. Pillows are common though chlorite and carbonate alteration obscures the primary textures in most locations. The rocks appear to trend in a roughly NW-SE direction with foliation mirroring this orientation. A small plug of feldspar porphyry underlays the little lake on the east side of Claim 1131966. North and northwest striking diabase dikes cross the property. Fig. No. 10 depicts a portion of the property geology.

The writer mapped a portion of the Churchill Property during 2007 (filed as assessment work August 2007) at a scale of 1"=100' principally to tie in all the gold showings present on the property.

#### Table of Formations (after P. Born)

##### Early to Late Precambrian

Mafic Intrusive Rocks-diabase, gabbro, pyroxenite

Felsic Intrusive Rocks-feldspar, poryphry

Ultramafic to Intermediate Metavolcanic and Metasedimentary Rocks

- chlorite tuffs and exhalites
- andesites
- basalts
- komatites

#### 2007 Diamond Drill Program

Ra Resources drilled three holes under a shear zone known as the Main Zone between September 10, 2007 and October 1, 2007. A drill rig owned by Salo Drilling of Connaught, Ontario carried out this work. Details of the holes are listed as follows:

<b>HOLE NO.</b>	<b>DECLINATION</b>	<b>DEPTH</b>
C07-1	-50	317m
C07-2	-50	300m
C07-3	-50	284m

The surface showing of the Main Zone is a 3-4 meter wide crenulated shear zone with grey and white quartz-calcite veins. Carbonate alteration is pervasive in the shear. Pyrite is present up to 5%. Traces of tungsten mineralization were present in surface samples.

Drill hold C07-1 encountered the zone at vertical depth of 180 meters and over a core length of approximately 30 meters. The zone was strongly sheared with heavy sericite and carbonate alteration and abundant grey, blue and white quartz veining. A 1.45 meter section near the top of the zone assayed 3.2 gm/t gold over 3.2 meters.

Drill hole C07-2, drilled 33 meters north and parallel to C07-1 cut the Main Zone at a vertical depth of 165 meters and returned a 1.0 meter section of 0.408 gm/t gold. The zone was much narrower than in C07-1 and more comparable to the surface showing.

Drill hole C07-3, appeared to have encountered feldspar porphyry dike at the proposed vertical extension of the zone.

Drill location map (Figure 10) and drill hole sections (Figures 7, 8 & 9) are attached hereto.

### Conclusions

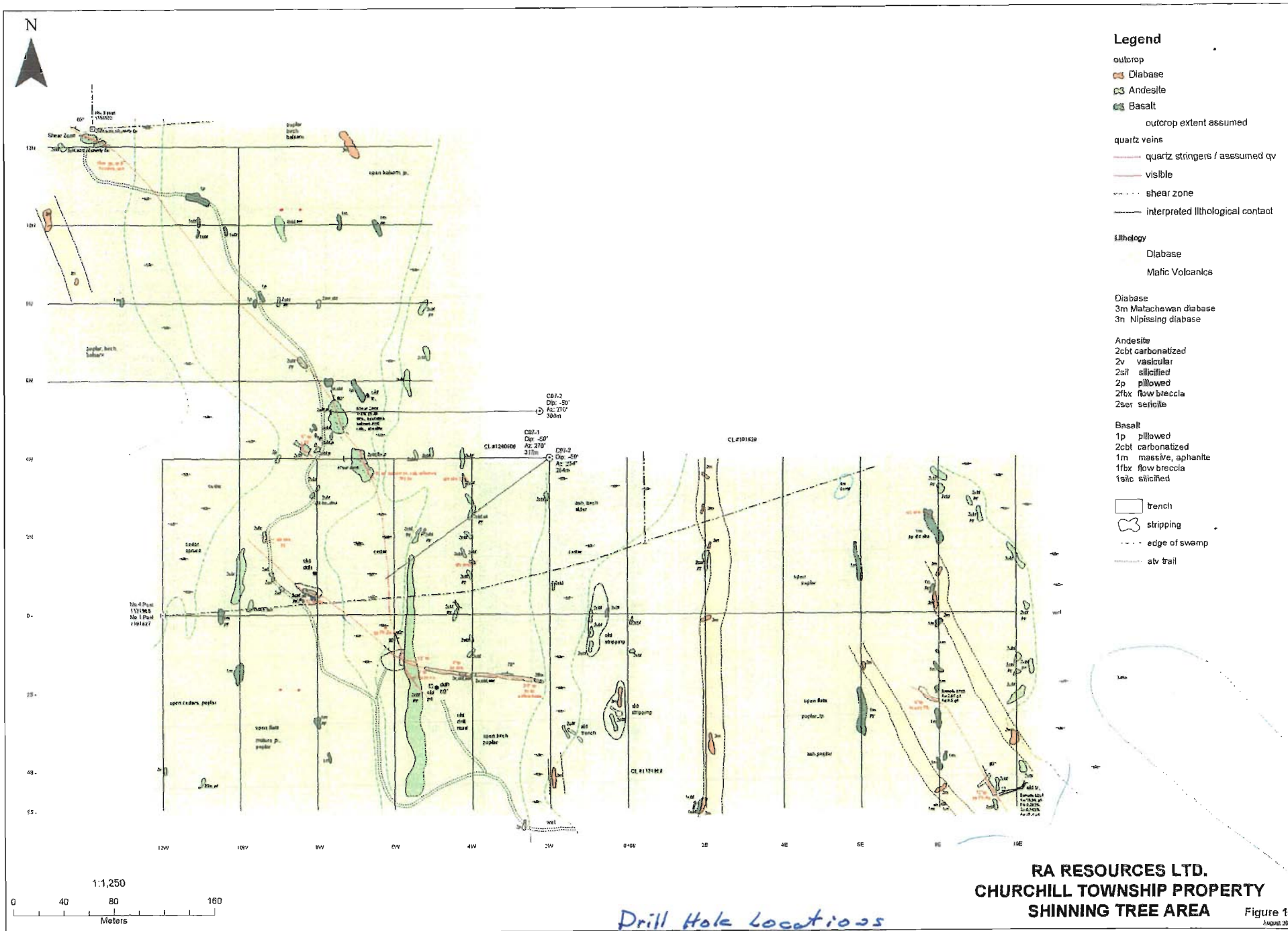
The much improved mineralization and structure in hole C07-1 at a depth 180 plus meters perhaps indicates that the main horizon for gold mineralization exists at depth and that future drilling of the Main Zone should be designed to cut the structure at depths of greater than 200 meters.

Respectfully Submitted,

J. L. Tindale

January 2009





**Legend**

- outcrop
- Diabase
- Andesite
- Basalt
- outcrop extent assumed
- quartz veins
  - quartz stringers / assumed qv
  - visible
- shear zone
- interpreted lithological contact

**Lithology**

- Diabase
- Mafic Volcanics

- Diabase
  - 3m Matatchewan diabase
  - 3m Nipissing diabase

- Andesite
  - 2cbt carbonatized
  - 2v vascular
  - 2sil silicified
  - 2p pillowed
  - 2fbx flow breccia
  - 2ser sericite

- Basalt
  - 1p pillowed
  - 2cbt carbonatized
  - 1m massive, aphanite
  - 1fbx flow breccia
  - 1silo silicified

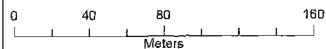
- trench
- stripping
- edge of swamp
- atv trail

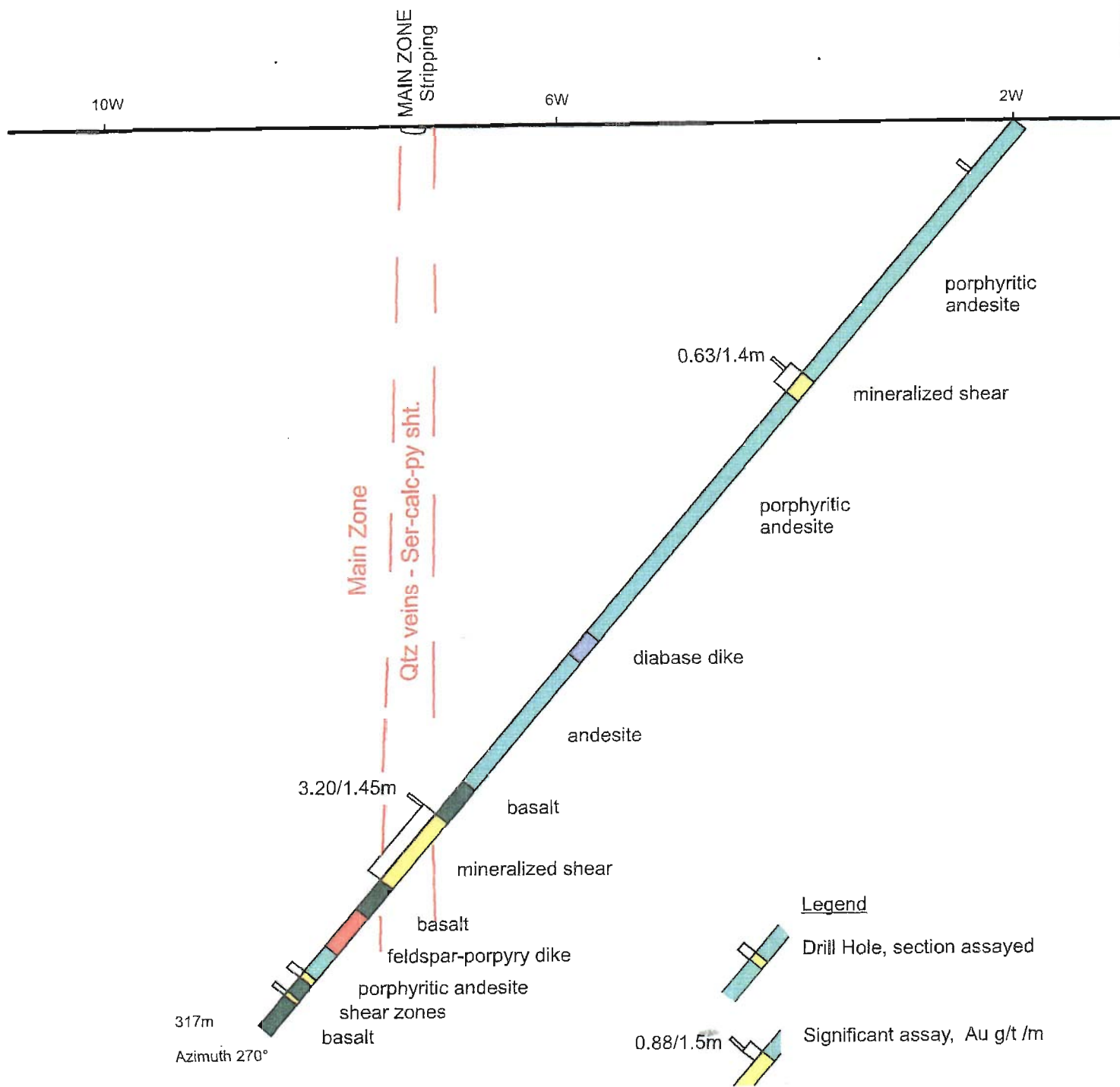
**RA RESOURCES LTD.  
CHURCHILL TOWNSHIP PROPERTY  
SHINNING TREE AREA**

Figure 10  
August 2007

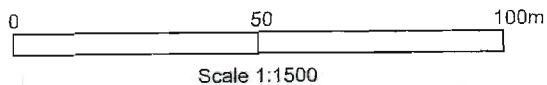
*Drill Hole Locations*

1:1,250





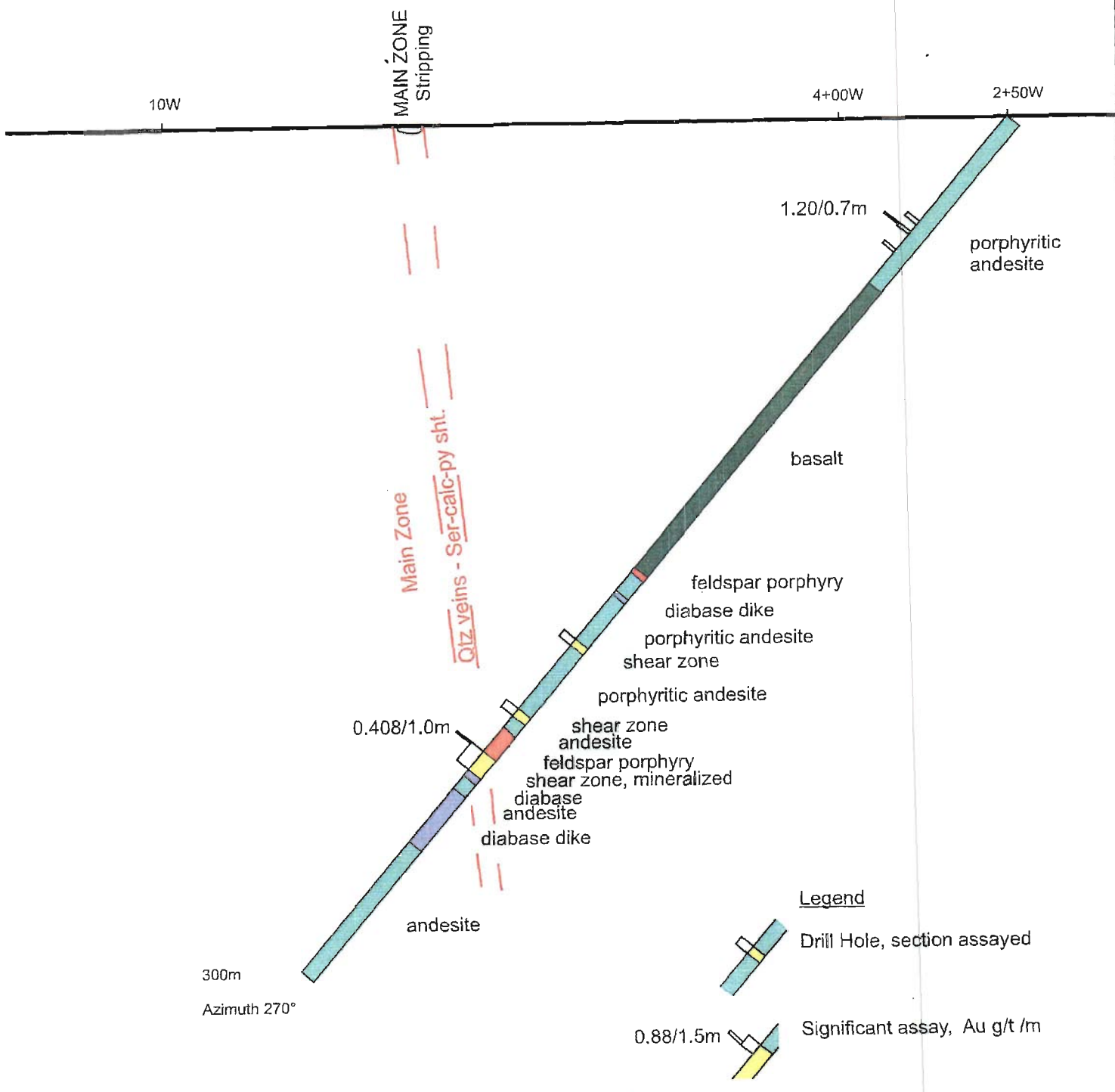
RA RESOURCES LTD.  
 DDH C07-1 (-50°)  
 CHRCHILL TOWNSHIP  
 Line 2W, 4+00N



September 2007

Figure 7

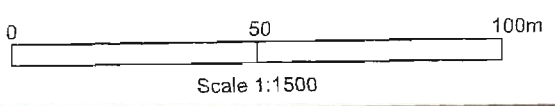




RA RESOURCES LTD.  
 DDH C07-2 (-50°)  
 CHRCHILL TOWNSHIP  
 Line 2+50W, 5+00N

September 2007

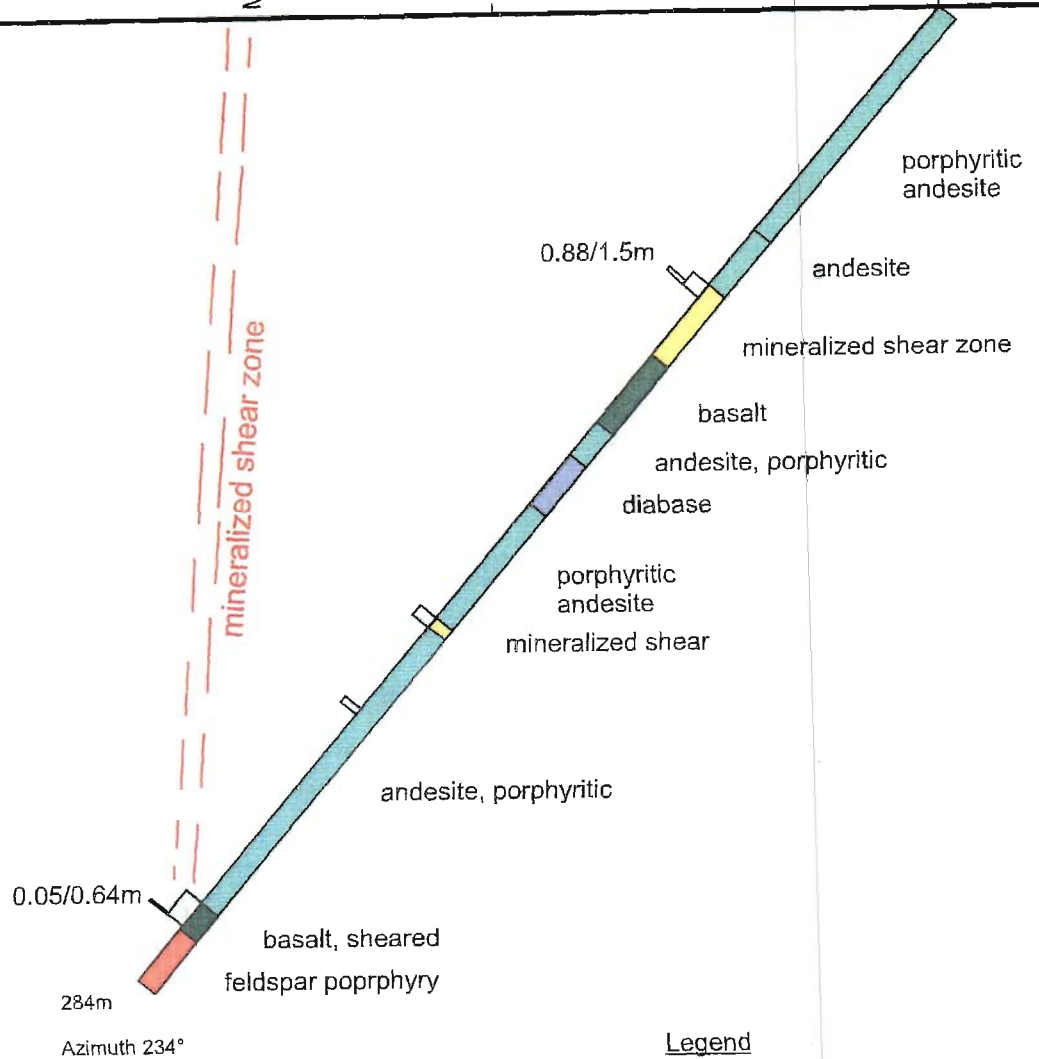
Figure 8



projection  
MAIN ZONE

UTM:  
0480609 E  
5871180 N

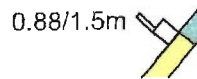
2W



Legend

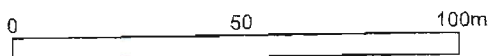


Drill Hole, section assayed



Significant assay, Au g/t /m

RA RESOURCES LTD.  
DDH C07-3 (-50°)  
CHURCHILL TOWNSHIP  
Line 2W, 4+00N



September 2007

Figure 9

# DIAMOND DRILL RECORD

NAME OF PROPERTY RA Resources Ltd - Churchill Township  
 HOLE NO. C07-1 LENGTH 317m  
 LOCATION Claim 1240606 GPS co-ords 0480609 E, 5271180 N, Nad 83  
 LATITUDE 2+00W DEPARTURE 4+00N (Imp. Grid)  
 ELEVATION 1250' - 380m AZIMUTH 270 DIP -50 degrees  
 STARTED 09.10.2007 FINISHED 09.19.2007

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. C07-1 SHEET NO. \_\_\_\_\_  
 REMARKS  
 BQ Core stored on rack on access rd. @ approx. 2E 7S  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 LOGGED BY J. Tindale P.Eng

FOOTAGE (meters)	DESCRIPTION	SAMPLE			ASSAYS					
		NO.	% SULPHIDES	FOOTAGE	%	%	Au g/t	OZ / TON		
FROM	TO			FROM	TO	TOTAL				
0.00	3.00 CASING									
3.00	25.50 ANDESITE; ple gy.gn., fig., sl. Porphyritic yellowish feldspar phenos; sl. Carbonatized; strz qtz-calc ubiquitous throughout @ random orientation; some hematite stainon fractures, qtz veins scattered throughout; pyrite disseminated @ <1% @ 5.0 - qtz-calc vein, 9cm, banded gy and white, pyrite along edge of vein. @ 50 degrees @ 14.8 - qtz vein, 5cm, wh. To translucent w. calc., @ 30 degrees @ 17.3 - 18.2 - Irregular gy. Qtz-calc veins @ 45 degrees, pink feldspar along vein edges, patches pyrite aggregates and streaks along vein edges; chlorite in veins and along edges @ 23.4 - 24.4 - Series of gy. Qtz-calc veins and strz. In bx wallrock @ 60 degrees; largest vein 3cm; pyrite as patches and disseminated	6969	1%	17.30	18.20	0.90		0.06	0.002	
25.50	70.80 ANDESITE; porphyritic, f.g. gy. Gn., yellowish fels. Phenos, upper contacts appears chilled; @ 45 degrees qtz-calc stringers common @ 30 - 45 degrees; minor epidote along fractures; pyrite disseminated @ 32.3 - 32.8 Streaks of gy.qtz, wh.qtz @ 30 degrees, infilling fractures; chl, pyrite common @ 45.4 - 45.7 Healed fault gouge, bx. @ 69.4-69.8 Bxzone with epidote, qtz-calc strz @ 45 degrees									
70.80	88.70 ANDESITE; ggn to gn, mottled, fr. To m.g., qtz-calc strz @ 45 degrees, sl. Carbonatized, irregular calc., qtz fracture fillings. @ 84.7, qtz vein, white, banded, minor pyrite, @ 90 degrees									
88.70	94.30 SHEAR ZONE; yellowish gn, gy.gn., v.f.g., chloritic, sericite along crenulated fracture planes; wh.gy and bl. Qtz-calc veins and boudins @ 80 degrees in filling fractures, pyrite common @ 88.66 - 89.11 - Sheared yellowish zone w sericite, qtz-calc veins @ 60 degrees, white to dk.gy @ 89.11 - 90.60 - Altered yellowish gn. Host rock, thin bl. Qtz strz @ 90.6 - 92.0 - Yellowish shear, v.f.g. w 20% qtz @ 60 degrees, sericite, pyrite 5% @ 92.0 - 92.6 - Sheared carbonate-rich host w qtz boudins, and bx bn gy qtz @ 90 degrees; pyrite aggregates @ 92.6 - 93.25 - Sheared yellowish host with thin bl. Qtz along shear planes @ 90 degrees; pyrite diss and blocs @ 93.25 - 94.3 - Yellowish healed host, shearing @ 90 degrees, bl. Qtz calc strz and boudins; heavy carbonatized, pyrite	6970 <1 6971 <1 6972 5 6973 <1 6974 1 6975 1		88.66 89.11 90.60 92.00 92.60 93.25 94.30	89.11 90.60 92.00 92.60 93.25 94.30	0.45 1.49 1.40 0.60 0.65 1.05		0.09 0.03 0.63 0.1 0.05 0.03	0.003 0.001 0.018 0.003 0.001 0.001	0.64
94.30	103.20 ANDESITE; pale gn, gy; l.v.f.g., qtz-calc strz @ 90 degrees, also random wispy qtz-calc; 2cm salmon pink calc. vein @ 101.1 @ 30 degrees									

Au Check g/tonne

FOOTAGE (meters)		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	Au g/t	OZ / TON
					FROM	TO				
103.20	131.00	ANDESITE; porphyritic; gn to dk gn; m.g., yellow felds. Phenos, phenos up to 5mm diamter; felled appearance, occasional qtz-calc veins @ 60 degrees, pyrite disseminated @ 121.3 qtz vein, gy, 8cm, @ 45 degrees, minor pyrite								
131.00	144.10	ANDESITE; gy, gn speckled; m.g.; not porphyritic; occasional gy qtz-calc veins @ 45 degrees; quite massive; diss. Pyrite								
144.10	179.50	ANDESITE; porphyritic; v.f.g. grading to mg over top 10 metres; gygn to gn; bx qtz w salmon pink calcite near top of interval; pyrite as streaks along veining; qtz-calc veins common increasing downward; veins mostly @ 45 degrees, phenos small and white to yellowish <5 mm; carbonate content increases downward @ 144.1 - Qtz vein, 10.5 cm, gy w white bands, bx, chl, @ 45 degrees @ 171.0 - Splashes of pyrite with sheared qtz-calc vein @ 45 degrees								
179.50	187.00	DIABASE DIKE; black to dk,gn; f. to m.g.; massive; minor hairline calc str and whisps; trace pyrite; contacts partially ground; gouge								
187.00	191.00	ANDESITE; as above with gradation to below								
191.00	232.00	ANDESITE; gn. To gy,gn; f. to mg; mottled; random qtz-calc veins & str, calcite veinlets, pyrite diss throughout. Occasional phenos below 206m, blebs of pyrite more common; brittle, hard rock.								
232.00	243.50	BASALT; gn to dk gn.f. to m.g., qtz-calc whisps throughout; str qtz-calc broken and displaced; softer than above; sl. Carbonalized; tr. Pyrite @ 234.25 - Qtz-calc vein, 4cm, @ 30 degrees, 15% diss. Pyrite as bands @ 241.0 - Qtz-calc-pink feldspar vein @ 20 degrees, chl, sericite	8771	Tr	240.3	241.8	1.5		0.03	
243.50	275.45	SHEAR ZONE; yellowish gy gn; v.f.g.; carb-rich, hard, fracture selvages filled with bl,qtz; sericite, yellow accompanying bands of black qtz; interval streaked with wh. Qtz-calc veins and str; bx veins common in yellowish host rock; pyrite as cubes and diss. Throughout; chlorite common with veins; major qtz veins @ 45 degrees but often flatter as narrow str. @ 243.5 - 245.0 - Yellowish to grey host, v.f.g. with 15cm bl. Qtz, chl. As flowers and adjacent vein; wh. Qtz vein 20cm, heavy pyrite, @ 40 degrees @ 245.0 - 246.2 - Yellowish gy. Shea-host, bx in part, streaks wh. qtz-calc, pinkish feldspar intergrowths @ 246.2 - 247.6 - Similar to above @ 247.6 - 249.05 - Similar to above @ 249.05 - 250.55 - Similar to above @ 250.55 - 251.36 - Massive irregular bl. Qtz vein, bx, @ 45 degrees w yellowish frags, py @ 251.36 - 251.96 - Healed yellowish host, fractured w. bl qtz infill @ 251.96 - 252.70 - Blue to bl. Qtz vein @ 30 degrees, yellowish bx frags, gy & wh. Qtzbx, pyrite @ 252.7 - 254.25 - Gy to yellowish healed shear host, minor qt bx veins, pyrite @ 254.25 - 255.8 - As above @ 255.8 - 257.6 - As above @ 257.6 - 258.44 - As above @ 258.44 - 259.4 - Massive blue-black qtz w calcite, yellow frags, hvy pyrite @ 60 degrees; (basal zone) @ 259.4 - 260.5 - As above @ 260.5 - 261.5 - Massive gy, wh. Qtz-calc veins, bx in part, pyrite streaks @ 30 degrees @ 265.8 - 266.7 - Gy, Qtz vein @ 30 degrees, yellowish inclusions, pyrite along fracture planes; NOTE: Shear weakens downhole	8772	1	241.8	242.15	0.35		0.11	
			41938	5	242.15	242.75	0.6		0.12	
			41939	4	242.75	243.55	0.8		0.23	
			6976	1	243.55	245.00	1.45		3.2	0.093
			6977	1	245.00	246.20	1.20		0.02	0.001
			6978 <1		246.20	247.60	1.40		0.04	0.001
			6979 <1		247.60	249.05	1.45		0.02	0.001
			6980 <1		249.05	250.55	1.50		0.02	0.001
			6981	2	250.55	251.36	0.81		0.01	0.000
			6982 <1		251.36	251.96	0.60		0.02	0.001
			6983	2	251.96	252.70	0.74		0.04	0.001
			6984 <1		252.70	254.25	1.35		0.02	0.001
			6985 <1		254.25	255.80	1.55		0.35	0.010
			6986 <1		255.80	257.60	1.80		0.01	0.000
			6987 <1		257.60	258.44	0.84		0.04	0.001
			6988	10	258.44	259.40	1.16		0.04	0.001
			6989	10	259.40	260.50	0.90		0.03	0.001
			6990	10	260.50	261.50	1.00		0.04	0.001
			6991	3	265.80	266.70	0.90		0.06	0.002
275.45	287.40	FELDSPAR-PORPHYRY DIKE; gy to pinkish wh., c.g. str and whisps of wh. Calcite, contacts at 45 degrees								
287.40	288.55	ANDESITE; gn to dk gn, fg, hvy con. Of whispy calc. str, minor lcn qtz-calc veins @ 60 degrees, rare phenocrysts, contact @ 45 degrees								

Au Check g/tonne

1.33 g/t Au / 3.2m

0.42

FOOTAGE (meters)		DESCRIPTION	SAMPLE			ASSAYS				Au Check g/tonne	
FROM	TO		NO.	FOOTAGE		%	%	Au g/l	OZ / TON		
				FROM	TO						TOTAL
288.55	289.30	FELDSPAR PORPHYRY; as above									
289.30	297.90	ANDESITE; porphyritic, gy gn, gn, mg, carbonatized, yellowish flower, phenocrysts up to 2cm diameter; abundant wispy calcite str and qtz-calc veins and veinlets @ 45 degrees; grades downward to u.f.g. polc gygn as approach shear zone; mottled with black irregular inclusions, possibly feldspar phenos; minor disc. Pyrite and aggregates assoc. w veining									
297.90	300.65	SHEAR ZONE; yellowish gy.gn; v.f.g. minute fractures w black qtz infills; yellow sericite whisps and fragments along shear planes; partly crenulated where sericite-rich; gy and white narrow qtz veins @ 45 degrees w pyrite aggregates and blebs; shearing is @ 45 degrees; well bx in total; slivers of salmon pink calcite and waxy emerald green serp. @297.7 - 299.0 - Grades into crenulated yellowish heated shear zone, bottom .5m well crenulated; white to gy qtz-calc veins @ 45 degrees, chl. On vein borders; yellowish wispy sericite @299.0 - 300.0 - Totally brecciated w yellowish irregular sericite fragments and bonds, qtz-calc infilling of fractures; pyrite sprinkled throughout and along fractures at 45 degrees @300.0 - 300.65 - Brecciated and crenulated, 5cm gy. Wh. Qtz @ 300.2, pyrite common diss. And aggregates, trace of cpy, emerald green sliver of waxy serpentine and as whisps in bx	6992	1	297.90	299.00	1.10		0.03	0.001	
			6993	<1	299.00	300.00	1.00		0.27	0.008	
			6994	1	300.00	300.65	0.65		0.08	0.002	
300.65	305.40	BASALT; d k.gn to black, mg, huy carbonatized, up to 20% qtz-calc veins, whisps, str throughout; soft; pyrite <1% sprinkled throughout; altitude 45 degrees; chlorite-rich									
305.40	305.93	SHEAR ZONE; yellowish crenulated w 20% qtz-carb veinlets along crenulations; very soft; chl and sericite; pyrite diss.; veinlets @ 40 degrees	6995	<1	305.40	305.93	0.53		Nil	Nil	
305.93	317.00	BASALT; d k.gn to black, mg, huy carbonatization; 15% qtz-carb veins randomly distributed, preferred altitude 30-40 degrees. Minor pyrite throughout. Looks like amphibolite									
		END HOLE @ 317m									

J.L. Tindale

Resample Aug. 19, 2008

242.15 - 242.75	gy. to dk.gy., f.g.; multiple qtz-calc veins st-s. @ 60°, some random; also gy. qtz-calc veinlets injected along fractures and as boudins; py huy (5%).	41938	5	242.15	242.75	0.6		0.72	
242.75 - 243.55	brownish cost, as above, fractured but not sheared (40% py)	41939	4	242.75	243.55	0.8		0.23	

Resample Sept. 4, 2008

240.3 - 241.8	Well-act, w wispy, irregular qtz-calc strs; f.g. py. diss., some splashes.	8771	7	240.3	241.8	1.5		0.63	
241.8 - 242.1	irregular gy. to wh. qtz-calc strs; f.g. diss py. w distinct increase from above	8772	1	241.8	242.15	0.35		0.11	





FOOTAGE (meters)		DESCRIPTION	SAMPLE				ASSAYS				Au Check g/tonne	Au PPB
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	% Zn	Au G/T	OZ / TON		
					FROM	TO						
		prominent @ 70 degrees, pyrite common										
		@183.8 - 184.6 - grey, carb-rich, soft, v.f.g. w narrow wh, gy, qtz-calc @ 70 degrees, huy pyrite in veins	6999	1	183.80	184.60	0.80		Nil	Nil		<5
		@184.6 - 185.28 - As above w. few veins, minor str @ 30 degrees	7000	<1	184.60	185.28	0.68		Nil	Nil		<5
185.28	207.33	ANDESITE; porphyritic, grading downward to pheno-rich; upper section 185.28 - 197.0 v.f.g. with only trace upper section 185.28 - 197.0 v.f.g. with only trace of phenos; effect of shear (?); pyrite throughout as trace										
		@190.3; 4cm sharp wh. Qtz-calc vein, wavy, chl. @ 60 degrees, 3% py										
207.33	209.55	SHEAR ZONE; weak, gy gn, v.f.g., appears porphyritic, qtz veining prominent at 90 degrees; pyrite common										
		@207.33 - 207.84 - Dk gy, bx, qtz (cher?) @ 30 degrees, qtz-calc str throughout vein	41557	<1	207.33	207.84	0.51		Nil	Nil		<5
		- multiphase vein	41558	<1	207.84	209.00	1.16		0.13	0.004		134
		@207.84 - 209.0 - Mainly dense porphyritic host rock w qtz calc str @ 45 degrees	41559	<1	209.00	209.55	0.55		0.23	0.007		229
		@209.0 - 209.55 - Multiple qtz-calc veins @ 90 degrees, gy, chl. Pyrite aggregates										
209.55	213.25	ANDESITE; porphy, as above										
213.25	221.80	FELDSPAR PORYPHRY; pk gy, feldspar phenos; reddish gy. Colour, cg, trace pyrite; upper contact @ 80 degrees, lower contact v.f.g. @ 45 degrees										
221.80	228.40	SHEAR ZONE; gy, gy gn, black sections, v.f.g., poorly crenulated in part; shearing @ 45 degrees; yellowish gn sericite in sections, shearing not strong; soft; carb. Rich; chl. W qtz-calc huy in sections										
		@221.8 - 222.8 - Black, v.f.g., shearing at 40 degrees; 10% pyrite as streaks, blebs, diss;	41560	10	221.80	222.80	1.00		0.41	0.012		408
		minor qtz-calc veinlets	41561	1	222.80	223.90	1.10		0.02	0.001		18
		@222.8 - 223.9 - Dkgn, m.g. qtz-calc veins @ 45 degrees, pyrite	41562	1	223.90	225.10	1.20		Nil	Nil		<5
		@223.9 - 225.1 - gy, sheared wall rock, 10% qtz-calc, str @ 45 degrees minor py	41563	1	225.10	226.30	1.20		0.27	0.008		265
		@225.1 - 226.3 - gy, sheared w qtz veining @ 80 degrees, sericite along vein edges										
		@226.3 - 227.45 - gy, sheared, qtz-calc infilling frac; minor crenulations, random qtz-calc str; trace py.	41564	<1	226.30	227.45	1.15		Nil	Nil		<5
		@227.45 - 228.4 - well sheare, gy to brownish gy. @ 45degrees, qtz along fractures; silicious; sericite along vein edges	41565	1	227.45	228.40	0.95		0.03	0.001		28
228.40	230.90	DIABASE DIKE; black, dk gn, v.f.g. chilled contacts @ 45 degrees										
230.90	235.70	ANDESITE; mottled gy to gygn, huy qtz-calc veining, str, white; @45 degrees, trace pyrite										
235.70	254.70	DIABASE DIKE; mg, reddish feldsper as f.g. grains; dkgn to black w brownish hue; chilled contacts @ 45 degrees. Some inclusions of andesite in lower section and dike appears sl. coarser grained										
254.70	300.00	ANDESITE; gygn, f.g. carb-rich, numerous qtz-carb str @ 30-45 degrees w. chl. Py. veining mostly white, some grey;										
		@280.6 - Gouge filled fracture lcl core										

END HOLE @ 300 M



FOOTAGE (metric)		DESCRIPTION	SAMPLE			ASSAYS				Au PPB	Au-Dup PPB	
			NO.	% SULPHIDES	FOOTAGE		%	%	Au/lt			OZ / TON
FROM	TO	TOTAL										
		below; 5% gy. Qtz-calc veins; @ 60 degrees; traces sericite, pyrite @116.0 - 116.6 - 30% qtz-calc veins @ 50 degrees, pyrite aggregates, diss. Carb-rich qtz-calc veins, tr. Pyrite	102511	2	116.00	116.60	0.60			0.1	0.003	95
116.60	120.60	BASALT; gn. To dk. Gn, m.g., amphibolite (?), flecked like salt & pepper; rare gy. Wh. Qtz-calc veins, tr. Pyrite										
120.60	131.16	ANDESITE; porphyritic, yellowish phenos, gn. To gy.gn. Mg, occasional wh. Qtz veins @ 40 degrees; core has dkgn matrix w yellowish gn. Grains for felted appear.; trace diss. Pyrite										
131.16	144.00	DIABASE; dkgn., m.g., reddish feldspar grains, whisps of wh. Calcite, chilled lower contact at 45 degrees; narrow sections of porphyritic andesite										
144.00	175.70	ANDESITE; sl. Porphyritic; gy.gn., f.g., wispy qtz-calc str. Throughout; occasional >1cm qtz-calc veins @ 30-50 degrees; rare sericitic alteration; pyrite common; approx. 10% qtz-calc veins; grades below 150m to v.f.g., gn.gy.andesite, few phenos, possible pillowed										
175.70	179.00	ANDESITE; hvy. Porphyritic, m.g. sharp rock change from above; mottled appearance to matrix; gn. To gy.gn., sl. Carb. Rich; yellowish feldspar phenos; becomes v.f.g. below 177.0										
179.00	181.60	SHEAR ZONE; sl. Yellowish hue to gy.gn., v.f.g., sl. Sericite alteration; large qtz-calc vein near and interval as below; veining at 45 degrees, pyrite to 3% @179.0 - 180.24 - v.f.g. host rock w. <1cm qtz-calc veining at 45 degrees; some crenulation @180.24 - 181.6 - Sericite altered host w bl. Blue gy. Qtz-calc veining 50%; pyrite 2%; bx common; main vein 40cm @ 45 degrees; soft, carb-rich host	102514	<1	179.00	180.24	1.24			Nil	Nil	<5
			102515	2	180.24	181.60	1.36			0.02	0.001	19
181.60	205.00	ANDESITE; gy.gn., m.g.m carb-rich, wh. Qtz-calc str and veins throughout, mostly @ 80 degrees @199.6 - 200.6 - Grey qtz-calc bx zone w sericite frags; pyrite 2-3% finely diss. At 45 degrees			199.60	200.60	1.00					
205.00	261.70	ANDESITE; porphyritic phenos up to 1cm, creamy to yellow; gy.gn.f. to m.g., random qtz str and veins @ 45 degrees; carbonaceous in part; qtz-calc str heavy below 240m @205.44 - 206.2 - Major wh. Qtz vein @ 45 degrees, 30cm,hvy. chl. Pyrite and cpy along vein edges; qtz 50% of interval @206.9 - 13cm, v.f.g., bl. Diabase @213.9 - 6cm gy.qtz-calc vein at 45 degrees with inclusions of yellowish sericite; reddish hematite alt. intervals along vein edges; fractures	102517	1	205.44	206.20	0.76			0.08	0	78
261.70	269.30	SHEARED & ALTERED PILLOWED BASALT; gn. To gy.gn., v.f.g., minor bx, minor sericite alteration; bleaching to pal gy.gn. Around selvages (?), minor crenulation assoc. w more intense shearing; calc. infilling of fractures; carb-rich; pyrite common throughout @261.9 - 263.0 - Ground core @263.0 - 263.9 - dk.gn, gn.gy., v.f.g., hvy wispy calc., intense shear over basal 20cm w sericite, chl., pyrite sprinkled; qtz-calc @ 60 degrees @263.9 - 265.4 - v.f.g., gy.gn, altered host rock, random qtz-calc infilling frac and bx, minor diss.py @265.4 - 266.9 - as above, red hematite stain on fractures, soft, chlorite-rich @266.9 - 267.8 - as above, chlorite rich, more pyrite, shearing @ 60 degrees; red hematite stain on fractures @267.8 - 268.46 - as above @268.46 - 269.1 - brownish gy. Alteration and chlorite assoc. w 60 degree bands of host; 20% qtz-calc str and whisps; pyrite diss. Throughout;	102518	1	263.00	263.90	0.90			0.02	0.001	19
			102519	<1	263.90	265.40	1.50			Nil	Nil	<5
			102520	<1	265.40	266.90	1.50			Nil	Nil	<5
			102521	2	266.90	267.80	0.90			Nil	Nil	<5
			102522	<1	267.80	268.46	0.66			0.01	0.000	11
			102523	2	268.46	269.10	0.64			0.05	0.002	53
269.10	284.00	FELDSPAR PORPHYRY; reddish pk. cg, contacts sharp @ 60 degrees										

END HOLE @ 284 M



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

7W-3192-RA1

## Assay Certificate

Date: OCT-17-07

Company: **JACK TINDALE**  
Project: **Churchil**  
Aim: **J. Tindale**

We hereby certify the following Assay of 36 Core-Rock samples submitted SEP-19-07 by .

Sample Number	As g/tonne	As Check g/tonne	Ag g/tonne	Pb %	Zn %
6969	0.16	-	-	-	-
6970	0.19	-	-	-	-
6971	1.03	-	-	-	-
6972	0.61	0.60	-	-	-
6973	0.22	-	-	-	-
6974	0.08	-	-	-	-
6975	0.12	-	-	-	-
6976	0.20	-	-	-	-
6977	0.07	-	-	-	-
6978	0.14	-	-	-	-
6979	0.02	-	-	-	-
6980	0.02	-	-	-	-
6981	0.02	-	-	-	-
6982	1.02	-	-	-	-
6983	1.02	-	-	-	-
6984	1.02	-	-	-	-
6985	1.33	0.42	-	-	-
6986	0.21	-	-	-	-
6987	0.04	-	-	-	-
6988	0.04	-	-	-	-
6989	0.12	-	-	-	-
6990	1.04	-	-	-	-
6991	1.08	-	-	-	-
6992	1.03	-	-	-	-
6993	0.27	-	-	-	-
6994	0.03	-	-	-	-
6995	0.1	-	-	-	-
6996	0.07	-	-	-	-
6997	1.12	0.22	-	-	0.008
6998	1.21	-	-	-	0.008

C-1

↑  
R07-1

R07-2

Certified by *Dennis Chantley*



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

## Assay Certificate

8W-2483-RA1

Company: **RA RESOURCES LTD.**

Date: SEP-02-08

Project: **CHURCHILL**

Attn: **JACK TINDALE**

We hereby certify the following Assay of 52 CORE samples submitted AUG-21-08 by .

Sample Number	Au g/tonne	Au Check g/tonne	Multi Element
41932	0.04	-	
41933	0.06	-	
41934	0.09	-	
41935	0.03	-	
41936	NIL	-	
41937	0.01	-	
41938	0.72	0.91	
41939	0.23	-	
41940	0.20	-	
41941	NIL	-	
41942	0.01	0.01	
41943	NIL	-	
41944	NIL	-	
41945	NIL	-	
41946	NIL	-	
41947	NIL	-	
41948	NIL	-	
41949	0.14	-	
41950	NIL	-	
8751	NIL	-	
8752	NIL	-	
8753	8.88	9.81	
BLANK	NIL	-	
STD OxJ64	2.20	-	

Certified by [Signature]

Assayers Canada

8782 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8W2483R1

Date : Oct-15-08

RA Resources Ltd.

Attention: Jack Tindate

Project: Churchill

Sample type: Rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	Sr	Th	Ti	Tl	U	V	W	Zn	Zr
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
41697	1.0	3.20	33	12	<0.5	8	0.37	1	75	339	135	6.16	1.4	0.13	<10	3.70	1665	1	0.02	60	278	5	0.51	<5	11	47	<5	<0.01	<10	10	72	21	61	3
41698	0.8	3.30	51	15	<0.5	9	0.10	1	57	150	136	6.31	<1	0.15	<10	1.57	1361	<1	0.02	119	238	4	1.43	<5	12	46	<5	<0.01	<10	<10	35	<10	60	3
41700	<0.2	4.07	30	13	<0.5	8	4.46	1	53	203	122	7.17	1	0.10	<10	2.07	922	<2	0.02	125	293	<2	0.52	<5	12	25	<5	<0.01	<10	11	179	<10	81	4
41912	<0.2	4.23	5	15	<0.5	8	6.48	<1	44	170	156	8.04	1	0.12	<10	2.67	1146	<2	0.02	100	246	<2	0.24	<5	15	40	<5	<0.01	<10	11	133	<10	82	4
41930	0.5	3.25	38	15	<0.5	5	5.45	<1	71	145	980	4.52	<1	0.17	<10	1.89	724	<2	0.02	64	371	1	0.58	<5	10	22	<5	<0.01	<10	<10	78	<10	31	2
41935	0.2	3.74	16	17	<0.5	5	7.14	<1	51	129	855	4.83	<1	0.18	<10	1.62	968	<2	0.02	73	375	2	0.87	<5	10	24	<5	<0.01	<10	<10	84	<10	50	3
41938	0.4	4.90	154	11	<0.5	8	7.13	2	40	205	142	7.34	<1	0.16	10	3.20	1743	<2	0.01	96	326	10	1.51	<5	18	25	<5	0.02	<10	11	155	<10	113	4

A .5 gm sample is digested with 5 ml 1:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



\*\*\* Certificate of analysis \*\*\*

Date : 2007/10/26

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Laboratoire Expert Inc.


127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Client : <b>Ra Resources Ltd</b>	
Addressee : <b>Jack Tindale</b> 141 Adelaide Street W Suite 110 Toronto Ontario M5H 3L5 Telephone : (418) 867-8274 Fax : (705) 263-2054	Folder : <b>20221</b> Your order number : Project : <b>CHURCHILL</b> Total number of samples : <b>34</b>

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
41557	<5	<5
41558	134	
41559	229	
41560	408	
41561	18	
41562	<5	
41563	265	
41564	<5	
41565	28	
<hr/>		
102501	<5	
102502	<5	
102503	<5	
102504	162	156
102505	<5	
102506	<5	
102507	951	
102508	709	
102509	216	
102510	20	
102511	95	

*Ra 07-2*

*Ra 07-3*

  
 Joe Landers, Manager

**Soire Expert Inc.**

Service Industriel  
 1000, rue Noranda, Québec  
 Québec, J9X 6P2  
 Telephone : (819) 762-7100, Fax : (819) 762-7510

**\*\*\* Certificate of analysis \*\*\***

Date : 2007/10/26

Page : 2 of 2

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 141 Adelaide Street W  
 Suite 110  
 Toronto  
 Ontario  
 M5H 3L5

Telephone : (418) 867-8274  
 Fax : (705) 263-2054

Folder : **20221**  
 Your order number :  
 Project : **CHURCHILL**  
 Total number of samples : **34**

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
102512	-5	
102513	-5	
102514	-5	
102515	19	
102516	28	30
102517	78	
102518	19	
102519	-5	
102520	-5	
102521	-5	
102522	11	
102523	53	
6999	-5	
7000	-5	

*Ra07-3*

*Ra07-2*