Engineers Report on the West Porcupine Project Sewell, Reeves, Kenogaming, and Penhorwood Townships. Porcupine Mining Division District of Sudbury and Cochrane Ontario

NTS 42 B/1

By Robert S. Middleton, P. Eng Kevin Filo, P. Geo

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#### **SUMMARY**

The West Porcupine project consists of 112 claim units located 34 miles (50 km) southwest of Timmins, Ontario and covers a 10 km long section of geology that contains the identical volcanic suite and porphyry intrusions that are found in the Timmins Gold Camp, as well as the extension of the Destor Porcupine Fault. Exploration on the present property began in 1986 by Glen Auden Resources Limited (now Maple Minerals Corp.) and Goldrock Resources Inc. (now Canadian Golden Dragon Resources Ltd.) The property has undergone several phases of exploration in joint ventures with American Barrick Resources (1988 – 1989), Noranda Exploration Company (1990 – 1992), Hemlo Gold Mines (1993 – 1996), Battle Mountain Gold Co. (1996 – 2000) and Newmont Mining (2001 - 2002). The property was transferred back to Maple Minerals 50% and Canadian Golden Dragon 50% in 2002, and a new program of drilling commenced in March 2003. Up to the time of transfer in 2002 a total of \$2.3 million has been spent on the property to complete drilling, trenching, line cutting, induced polarization and magnetic surveys. An extensive compilation was completed by Newmont in 2001 to gather all of the previous data into digital form.

A drill program consisting of 3 holes for a total of 729 m was completed March 31, 2003 on line 5500E to test an area where a gold discovery was made in 1994 by hole 94-18.

The 1994 gold discovery is hosted in a highly deformed structural zone that is interpreted to be a segment of the Destor Porcupine Fault and the gold mineralization is associated with disseminated pyrite >10% in a wide zone of silification and albitization. Assays up to 43.44 grams gold/tonne over 1.5 m were obtained. Other zones in hole 94-18 include 6.66 grams over 2 m.

Assaying completed on the 3 new holes yielded several narrow 1 m intercepts that graded in the 1-4 g/tonne Au range within zones of carbonate-silicification-albitization and disseminated pyrite mineralization. A 3 m sulphide quartz carbonate zone occurred 25 m above a 6 gm/2 m intersection in hole 94-18. This work suggests that there is a number of dipping lenses within the large deformation zone that are worth following up with additional drilling, due to their similar appearance to zones found at the Delnite and Aunor Mines in Timmins and the Lightning Zone in the Harker Holloway area east of Timmins.

A follow up drill program on L5500E is recommended to test the down dip and up dip expression of the zone of mineralization in 94-18 as well as other zones that have now been intersected. In addition, step out holes should be drilled on sections 5550E and 5450E to test the strike and down plunge projection of the zone.

Relogging of several of the 1994 and 1995 drill holes will be required to properly trace the zone of alteration. Resurveying of all the 1994 and 1995 holes with a "multishot" sperry sun instrument is also required. A next phase budget of \$200,000 is recommended.

#### **INTRODUCTION**

This report was written at the request of Mr. L. M. (Gino) Falzone, President of Maple Minerals Corp. "Maple" to describe a property held by Maple since the company first was listed on the Toronto Stock Exchange in 1986 and is currently listed on the TSX Venture Exchange. Past expenditures by Maple exceed \$300,000 and joint venture partners have expended \$ 2 million since 1986. A number of gold showings occur on the property particularly in the "Four Corners" area, however the most significant drill intersection is in hole 94-18 where values of 43.44 gm/ tonne Au/1.5 m was intersected in 1994. The geological setting of this discovery and on the overall property is identical to that found in the major gold mines in Timmins. The same sequence of Deloro and Tisdale Group volcanics as well as the presence of the Destor Porcupine Fault and a large quartz-eye porphyry form a geological setting identical to the whole Porcupine Gold Camp where over 70 million ounces of gold have been produced from 31 mines.

#### LOCATION AND ACCESS

The West Porcupine property is located 3 miles (4.8 km) south of Hwy 101, and 34 miles (48 km) southwest of Timmins, Ontario. The property extends 6 miles or 10 km along a section of the Destor Porcupine Fault. The NTS reference is 42B/1 and the geographic grid coordinates are  $48^{\circ}12$ ' N lat. and  $81^{\circ}57$ ' W longitude.

The base line 0+00 follows the south boundary of Sewell Twp. in the Deerfoot Lake area. An all weather gravel road joins Hwy 101 and the property. Travel time from the property by car or pickup truck is roughly 45-50 minutes to Timmins. A network of drill roads and lumber roads cross the property providing easy access.

The intersection in the discovery hole 94-18 is located 1.5 km (1500 m) east of Deerfoot Lake and the main all weather road, and 250 m north of the Sewell Twp. south boundary.

#### **PROPERTY**

The present property consists of 62 claim units that were the remaining units from the Hemlo-Battle Mountain project. In addition a further 50 units were staked in 2002 to cover claims that had expired in Reeves, Sewell and Penhorwood Twp. brining the total to 112 claim units.

TOWNSHIP /	Claim Number	Recording	Claim Due Date	Percent	Work	Total	Total
AREA		<u>Date</u>		<u>Option</u>	<b>Required</b>	Applied	<u>Reserve</u>
KENOGAMING	P 1175080	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1175081	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1175083	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176365	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176366	1991-APR-05	2004-APR-05	100.00%	278	4122	278
KENOGAMING	P 1176960	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176961	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176966	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176967	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176968	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176969	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176971	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176972	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176973	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176974	1991-APR-05	2004-APR-05	100.00%	400	4000	0

KENOGAMING	P 1176975	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1176976	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176980	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176981	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176982	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176983	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176984	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176985	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176986	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1176987	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1177119	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1177120	1991-APR-05	2004-APR-05	100.00%	400	4000	0
SEWELL	P 1177123	1991-APR-05	2004-APR-05	100.00%	400	4000	145
SEWELL	P 1177124	1991-APR-05	2004-APR-05	100.00%	400	4000	0
KENOGAMING	P 1180953	1991-APR-05	2004-APR-05	100.00%	400	4000	0
PENHORWOOD	P 3000691	2002-APR-10	2004-APR-10	100.00%	3200	0	0
REEVES	P 3000692	2002-APR-10	2004-APR-10	100.00%	800	0	0
REEVES	P 3000693	2002-APR-10	2004-APR-10	100.00%	1600	0	0
REEVES	P 3000694	2002-APR-10	2004-APR-10	100.00%	800	0	0
REEVES	P 3000695	2002-APR-10	2004-APR-10	100.00%	3600	0	0
REEVES	P 3000696	2002-APR-10	2004-APR-10	100.00%	3600	0	0
SEWELL	P 3000697	2002-APR-10	2004-APR-10	100.00%	4800	0	0
REEVES	P 3000698	2002-APR-10	2004-APR-10	100.00%	1200	0	0
KENOGAMING	P 878419	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 893527	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 893528	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 893529	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
REEVES	P 901327	1986-AUG-15	2003-AUG-15	100.00%	400	6400	0
REEVES	P 901333	1986-AUG-15	2003-AUG-15	100.00%	400	6400	0
REEVES	P 901334	1986-AUG-15	2003-AUG-15	100.00%	400	6400	0
REEVES	P 901335	1986-AUG-15	2003-AUG-15	100.00%	400	6400	0
KENOGAMING	P 921399	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 921400	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
REEVES	P 929611	1986-AUG-19	2003-AUG-19	100.00%	400	6400	0
REEVES	P 929612	1986-AUG-19	2003-AUG-19	100.00%	400	6400	0
REEVES	P 932074	1986-JUN-05	2004-JUN-05	100.00%	400	6400	0
REEVES	P 932075	1986-JUN-24	2004-JUN-24	100.00%	400	6400	0
SEWELL	P 933528	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933545	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933562	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
SEWELL	P 933563	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933565	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933566	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933567	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933568	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933569	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933570	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933572	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933573	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933574	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0

KENOGAMING	P 933575	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 933576	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
SEWELL	P 947100	1986-AUG-25	2003-AUG-25	100.00%	400	6400	0
KENOGAMING	P 947131	1986-AUG-18	2003-AUG-18	100.00%	400	6400	0
KENOGAMING	P 987253	1987-JUN-11	2004-JUN-11	100.00%	400	6000	0

A program of three drill holes totaling 729 m was completed on March 31, 2003 which satisfied the assessment requirements for all claims coming due April 5, 2003 and August 18, 19, & 25, 2003. Work was filed on all claims coming due on April 4<sup>th</sup>, 2003.

#### **HISTORY OF EXPLORATION ON THE PROPERTY**

The original claim assemblage was aquired by Glen Auden Resources Ltd. (now Maple Minerals Corp.) and Goldrock Resources Inc. (now Canadian Golden Dragon Resources Ltd.) by staking and options on small groups of claims in 1986. By 1988 the property extended 14 miles on strike across Penhorwood Twp. from Sewell Twp. Following an expenditure of over \$500,000 by Glen Auden and Golden Dragon Resources the land package was optioned to American Barrick Resources Corporation who carried out exploration through out 1989, Alexander, D. (1990). Geological mapping, ground and airborne magnetic surveys and drilling 19 holes were completed, which confirmed the existance of the same sequence of rocks that are found in Timmins and the presence of the Destor Porcupine Fault. The property was returned by American Barrick in 1990 and was subsequently optioned to Noranda Exploration Company in 1990 that was finalized in an agreement on March 12, 1991. The gold assets of Noranda were sold to Hemlo Gold Mines in 1992 and work continued under the direction of Noranda by contractual arrangement until December 31, 1994, whereafter Hemlo Gold carried out the continuation of the program. Under the original agreement Hemlo could earn a 70% interest in the claims by spending \$1,500,000 over four years. This was modified in January 1995 where Hemlo could earn a 70% interest by spending \$1,200,000 by March 12, 1996, and a \$300,000 credit was granted on a 142 claim property in Casa Berardi Twp. in Quebec under option to Glen Auden from Noranada Exploration. As a result a new joint venture between Canadian Golden Dragon and Glen Auden (now Maple Minerals Corp.) was formed on the 142 claim Casa Berardi property.

Exploration of the 23 km long Sewell Reeves property continued in 1994 with two phases of IP (induced polarization) surveys and a diamond drill program that commenced in October of 1994 with hole 94-11. The approach used by Hemlo was to continue drilling cross sections of the Destor-Porcupine Fault trend in the vicinity of a section drilled the previous year in holes 93-8, 9, and 10. Green carbonate zones, sheared porphyry and narrow veins with assays of 500 - 1000 ppb gold were intersected in these holes, which was the first sign of a favourable environment. Subsequently holes 94-11 and 94-12 drilled on section 4300E, 400 metres to the west of 8, 9, and 10 intersected a wide 200 meter section of quartz eye porphyry containing molybdenum which was an identical setting to the Pearl Lake porphyry located adjacent to the McIntyre and Hollinger gold mines in Timmins. Another section on the 5200E was then drilled 400 m east of 8, 9, and 10, where hole 94-13 intersected 0.6 ounce/6 feet in a quartz vein setting. Holes 94-15 and 16 were then drilled in the Four Corners area 4 km to the west and a wide carbonate alteration zone was intersected with assays in the 300 - 1000 ppb range. Hole 94-17 was then drilled 400 m west of 94-12 to test the porphyry. At this point, with gold assays from 94-13, the drill was moved 400 m east of 94-13 on line 5500E, and hole 94-18 was completed. A 260 foot (78.8 m) wide silicified carbonate zone was intersected with disseminated pyrite sections that gave assays of 0.19 ounces/39 feet, or 0.5 ounces/15 feet, as well as anomalous gold values across the 260 foot wide alteration zone. Details of the assays are given in the attached table. Hole 19 was the drilled between 13 and 18, and anomalous gold values were intersected. Holes 20, 21, and 22 were drilled on 200 m step outs to the east of 18 and to the west. After the Christmas break, 95-23 and 24 were drilled below 18 and 21 respectively (see Drill Section Fig. 5), and 0.6 ounces over 6 feet were intersected in 23, over 450 feet (150 m) below the gold zone in 94-18. Hole 24 passes 800 feet (242 m) below 94-21, leaving a large gap in the geological knowledge, which should be addressed by future drill programs. Four step out holes were drilled further east, namely 95-25, 26, 27, and 28, which intersected the alteration zone but did not have significant assays. A cross section was then drilled to the north to test for parallel veins, (holes 95-29, 30, and 31)(see attached drill plan Fig. 3 and 4).

In August 1995, another six holes were drilled and a detailed compilation of all geophysical data was completed which defined the westward extension of the Destor Porcupine Fault system and important splays.

Further geophysical surveys and drilling were planned for the Penhorwood section of the property particularly, in an effort to cover and east-west fault that parallels the Destor in this area and this work was completed by Battle Mountain Canada Ltd. and Hemlo Gold Mines Ltd. in 1996.

Interval (meters)	Assay Au	Assay Au
	Gms/tonne/width (m)	Oz/ton/width (ft)
292.8 - 296.0	1.36/3.2	0.040/10.5
299.0 - 301.0	6.65/2.0	0.194/6.6
301.0 - 303.3	1.04/2.3	0.030/7.5
311.0 - 314.0	0.93/3.0	0.027/9.8
323.1 - 324.1	0.44/1.0	0.013/3.3
324.1 - 325.5	3.14/1.4	0.092/4.6
325.5 - 327.0	43.44/1.5 *	1.267/4.9 *
327.0 - 328.0	3.14/1.0	0.092/3.3
328.0 - 329.0	0.94/1.0	0.027/3.3
329.0 - 330.6	0.89/1.6	0.026/5.3
330.6 - 332.0	0.19/1.4	0.006/4.6
332.0 - 333.5	0.17/1.5	0.005/4.9
333.5 - 335.0	1.04/1.5	0.030/4.9
335.0 - 336.3	068/1.3	0.020/1.3
350.5 - 352.0	1.45/1.5	0.042/4.9

Table of Assays DDH 94-18

\* uncut composite average 4 assays

Weighted averages for 324.1 - 328.0 m are 15.12 gm/3.9 m (cut to 1 oz) or 0.441 oz/12.8 feet. For the 323.1 - 335.0 interval the weighted average is 6.52 grams/11.9m, or 0.19 ounces over 39 feet.

Note: 1 gram = 1000 ppb

Anomalous gold values in the 100 - 900 ppb (parts per billion) range are present in the 282 to 352 meters section of hole 94-18 associated with a siliceous alteration zone containing 5-10% pyrite.

Following the 1995 drilling program which brought the total number of holes to 41 in the Deer foot area a reduced level of activity continued which involved soil grids, additional magnetic and induced polarization surveys. The merger of Hemlo Gold Mines and Battle Mountain Gold followed and as a result future exploration was supervised by Battle Mountain until a takeover by Newmont Mining in 2000. Drilling in the Four Corners area FC holes 42 to 50 and Nat grid area was done under Battle Mountain direction.

Subsequently, Newmont has elected to return the property in 2002 and hold a 2.5% NSR, leaving Maple Minerals Corp. 50% and Canadian Golden Dragon Resources Ltd. 50%.

In the 1986 to present time frame a number of exploration phases were carried out which are listed on the following Table of Previous Expenditures. Within the time frame \$2,317,259.10 has been spent on the overall property, the majority of which was spent on the remaining claims that make up the present land package.

A three hole program of 729 m was completed by Maple Minerals Corp. and Canadian Golden Dragon Resources Ltd. in March 2003. This consisted of 3 holes in section on line 5500E to test the upward projection of the zones intersected in hole DF94-18. Hole DF03-51 at  $75^{\circ}$  was drilled to 269 m, hole DF03-52 at  $-68^{\circ}$  was drilled to 251 m and hole DF03-53 at  $-59^{\circ}$  was drilled to 209 m all from station 325N (see section in Figure 5 and plan in Figure 4).

	Total Expenditure	\$ 2,423,792.10
2003	Maple Minerals Corp. – Canadian Golden Dragon Resources Ltd. 3 holes	\$ 50,000.00
	Nat River 2 holes (NR99-45, 46, 47)	
1999	Battle Mountain 70%, Maple Minerals 15%, Golden Dragon 15% Four Corners 8 holes (EC99-42 to 99-50)	\$ 164,000
1996 - 1997	Battle Mountain 70%, Maple Minerals 15%, Golden Dragon 15% IP surveys, Geochem, Geology	\$ 56,533.06
	BECOMES JOINT VENTURE IN 1996 (Battle Mountain 70%, Maple Minerals 15%, Golden Dragon 15%)	
	Four Corners and Deerfoot16 holes (5,193 m) DF23 - 41 Nat River 3 holes (707 m) NR	
1995 - 1996	Battle Mountain	\$ 578,645.50
1994	Noranda Exploration & Hemlo Gold Mines 12 holes DF10 - DF22	\$ 339,546.69
1991 - 1993	9 holes	\$ 293,516.40
1990	Noranda Exploration Company	\$ 5,758.40
1988 – 1990	American Barrick Resources SR series, 19 holes, 9,030 ft. (2736.4 m)	\$ 443,247.94
	Canadian Golden Dragon Resources (Goldrock Resources Inc.)	\$ 500,000
1986 - 1988	Glen Auden Resources Ltd.	Approx.

 Table 1: Table of Previous Expenditures

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Hole	From (m)	To (m)	Assay (g/t)	Width (m)
PH-92-1	254.0	255.0	1.39	1.0
	269.0	270.0	1.23	1.0
РН-92-2	NSA			
РН-92-3	NSA			
PH-92-4	NSA			
PH-92-5	NSA			
PH-92-6	200.3	201.0	0.66	0.7
РН93-7	NSA			
DF-93-8	NSA			
DF-93-9	188.7	189.7	1.53	1.0
	included 189.2	189.7	2.45	0.5
	267.4	268.4	1.17	1.0
	300.8	306.6	0.61	5.8
DF-93-10	NSA			
WDF94-11	58.80	59.80	0.75	1.0
WDF94-12	239.00	240.00	0.33	1.0
	242.45	243.45	0.49	1.0
WDF94-13	76.50	77.50	0.63	1.0
	77.50	78.80	21.03	1.3
	78.80	79.80	0.19	1.0
	79.80	81.30	0.19	1.5
	81.30	82.30	0.47	1.0
	82.30	83.10	0.52	0.8
WDF94-14	NSA			
WDF94-18	287.0	288.5	0.48	1.5
	288.5	290.0	0.22	1.5
	292.8	293.3	5.00	0.5
	293.3	294.3	0.20	1.0
	294.3	296.0	0.98	1.7
	296.0	297.5	0.11	1.5
	297.5	298.5	0.16	1.0
	298.5	299.0	0.23	0.5
	299.0	300.0	9.83	1.0
	300.0	301.0	3.48	1.0
	301.0	302.0	0.70	1.0
	302.0	303.3	1.07	1.3
	303.3	304.7	0.27	1.4
	304.7	303.8	0.32	1.1
	303.8	307.3	0.23	1.5
	317.0	314.0	0.70	1.5
		324.1	0.44	1.0
	324.1	325.5	3 14	1.0
	324.1	325.5		1.54
	325.5	328.0	2 14	1.5
	328.0	329.0	0.94	1.0
	320.0	330.6	0.89	1.0
	330.6	332.0	0.19	1.0
	332.0	33 50	0.17	1.4
	333.5	335.0	1.04	1.5
	335.0	336.3	0.68	13
	338.0	339.5	0.34	1.5
	341.0	342.5	0.44	1.5

Table	2:	Significant	Assays
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	349.0	350.5	0.57	1.5
	350.5	352.0	1.45	1.5
WDF94-19	75.90	77.40	0.25	1.5
	77.40	78.90	0.35	1.5
WDF94-20	147.6	148.6	3.86	1.0
	148.6	149.3	0.24	0.7
	149.3	150.3	0.88	1.0
	159.0	160.5	0.39	1.5
	170.1	171.6	0.93	1.5
WDF94-21	NSA			
WDF94-22	NSA			
WFC94-15	176.0	177.5	0.31	1.5
	177.5	179.0	0.43	1.5
	179.0	180.5	1.13	1.5
	180.5	182.0	0.28	1.5
	188.0	189.5	0.68	1.5
	189.5	191.0	0.92	1.5
	191.0	192.5	0.25	1.5
WFC94-16	NSA			
WDF95-23	373.0	374.2	2.04	1.2
	414.7	415.7	20.93	1.0
WDF95-24	372.0	373.5	2.08	1.5
	378.7	380.2	1.92	1.5
	380.2	381.7	1.88	1.5
	418.6	419.6	1.41	1.0
	450.0	150.6	1.95	0.6
	496.0	198.0	0.56	2.0
	501.5	503.0	1.80	1.5
WDF95-25	1.56.3	157.5	1.19	1.2
WDF95-41	420.9	423.0	1.45	2.1
	471.5	472.5	1.26	1.0
	472.5	473.5	1.72	1.0
	473.5	474.0	0.63	1.3
	479.3	480.3	0.40	1.0
	480.3	481.3	0.37	1.0

 480.5
 481.3
 0.37
 1.0

 From reports by Calhoun, R. and Johnson, M. 1995-1996, Calhoun, R. and McCann, S. (1995), and Tyler Ken (1994).
 Ken (1994).

#### **GENERAL PROPERTY GEOLOGY AND REGIONAL SETTING FOR GOLD DEPOSITS**

The West Porcupine property is situated on the west end of the Abitibi greenstone belt and within 50 km of the Kapuskasing structure that terminates the Abitibi Belt as originally outlined by Goodwin and Riddler (1970).

The Sewell-Reeves-Penhorwood-Kenogaming Twp. area is underlain by an Archean sequence of volcanic rocks that are equivalent to the Deloro and Tisdale Group of rocks found in the Timmins gold camp, Pyke, D R et al(1978). The four townships that cover the property were mapped by Milne, V. (1972). All of the major gold deposits in Timmins are hosted in the Tisdale Group of ultramafics, iron and magnesium thoeliites (basalts) and interflow graphite sediments. Conglomerates unconformaly overlay the Tisdale volcanics which mark the beginning of the Porcupine Group of Sediments. Some gold mineralization is also found in the Porcupine Group at the Pamour No.1 and the Dome mine, Rogers D. (1980), but the highest concentrations are found within ankerite (iron carbonate) alteration zones hosted in mafic Tisdale volcanics that are peripheral to quartz eye porphyry intrusions, Karvinen W. O. (1980, 1982). Age dating of the Tisdale volcanics (zirons) has yielded dates of 2705 my where as porphyries are dated at 2685 my. It is therefore apparent that the porphyries are high level intrusions that acted as heat engines to circulate the mineralizing fluids.

Structural control of gold deposits is also very important, Hodgson, C. J. (1983). The major regional structure in the Timmins-Porcupine Gold camp that has created the majority of the control structures is the Destor-Porcupine Fault. Related shear zones along fold axis, fold noses and a variety of other fault structures control a large amount of the gold mineralization and pathways for the mineralizing fluids within the Timmins Camp.

It has now been established that the Destor Porcupine Fault extends westward from the Timmins area to the Sewell-Kenogaming-Penhorwood area and this structure passes through the property. Splay faults such as the Sewell Splay Fault branch off in an east-west direction and extend across the property. Carbonate alteration and sericite alteration often accompany these splay faults and this can be observed in outcrops in the "Four Corners" area at the junction of Sewell-Reeves-Kenogaming and Penhorwood Townships.

Drilling in 1993 - 1994 located a structural zone trending N70<sup>0</sup>E south and east of Deerfoot Lake that trended from northern Kenogaming Twp. into Sewell Twp. east of Deerfoot Lake. This sheared, fuscite altered (green mica) sericitized, chloritized shear structure is interpreted to be part of the west projection of the Destor Porcupine Fault that extends westward from Timmins.

A large (over 200 m wide) quartz eye porphyry containing molybdenum (molybdenite) was cut by holes 94-12, 13 and 17 on the south side of Deerfoot Lake and subsequent drilling along the Destor trend to the east of this point intersected a large (260 foot wide 78.8 m) silicification zone with pyrite that yielded high grade gold assays 43.44 grams Au/tonne over 1.5 m in hole 94-18. The highest gold values correlate with pyrite >10% and/or laminated quartz-pyrite chlorite-ankerite zones.

Drilling completed in March 2003 intersected extensive silicification-carbonate-albitization with disseminated pyrite on line 5500E which traced the upward continuation of the mineralization found in hole DF94-18 (see History of Exploration). Several narrow 0.1-1.2 m wide zones assaying 1 - 4 grams gold/tonne were intersected showing that the gold bearing system is extensive and will require further drill follow up to trace the plunge of the system (see Fig 4 and 5 for plan and section). Wide zones of anomalous gold values ranging from 50 ppb to 900 ppb occur. Zinc, lead, and molybdenum are often associated with gold in these holes. Drill logs with core descriptions are appended to this report along with assay results. Gold assays were determined by ALS Chemex in Vancouver using a fire assay extraction from a 30 gram sample and an atomic absorption finish.

The plunge of the mineralization is unknown and several drill holes will be required to establish the plunge. This will involve drilling sections 50 m each side of section 5500E at different elevations in order to establish level plans and longitudinal sections.

#### **RECOMMENDATIONS AND CONCLUSIONS**

The gold mineralization in the original holes 94-18 and 95-23 has been confirmed and extended by new drilling carried out in March 2003 (holes DF 03-51 and 03-52 and DF03-53). The plunge of this mineralization remains to be confirmed but appears to be steeply to the west based on fold structures and lineations in the core and positions of intersections. One additional feature of note is the possibility that a series of lenses may occur within this overall deformation zone.

Additional holes on line 5500E are recommended to test the location of possible lenses. Holes at  $-45^{\circ}$ , and  $-80^{\circ}$  to depths of 175 m, and 345 m respectively would total 520 m. Additional holes should be drilled 50 m east and west of L5500E, 3 holes per section. Relogging the previous holes should be done to trace out the alteration pattern. More lithochemical work should be done to trace pathfinder elements and outline the alteration.

#### **BUDGET SUMMARY**

Α.	Relogging of previous holes 93-8 to 10, 94-11 to 14, 94-17 to 22,	95-23 to 33. All the core is stored at
	the Lightning Zone Mine 36 miles east of Matheson, Ontario.	
	(a) Logging and Plotting of new sections	\$ 12,000
	(b) Moving core, core shack rental, truck, Accom.	\$ 10,000
	(c) Whole rock analysis	\$ 3,000
В.	Drilling and logging of 10 new holes 2,500 m	
	(a) Drilling 2,500 m ( $a$ ) \$60/m =	\$ 150,000
	(b) Logging, splitting and assaying	<u>\$ 25,000</u>

#### TOTAL

\$ 200,000

Section 5500E	E/325N
-45 <sup>0</sup>	175 m
<b>-80</b> <sup>0</sup>	<u>345 m</u>
Total	520 m
Section 5450E	E/325N
-59 <sup>0</sup>	180 m
-68 <sup>0</sup>	250 m
-75°	300 m
-80 <sup>0</sup>	<u>345 m</u>
Total	1,075 m
Section 5550E	E/325N
$-45^{\circ}$	175 m
-59 <sup>0</sup>	180 m
-68 <sup>0</sup>	250 m
-75 <sup>°</sup>	300 m
Total	905 m

Grand Total 2,500 m

It is also recommended to retrieve the drill core from holes 94-13 to 94-25 and relog these to better identify the structure and alteration that would be associated with the mineralized zones. Plan maps of different elevations of the geology should be constructed and a longitudinal section should be prepared. This will assist in the understanding of the plunge of mineralization as well as strike and dip.

**Respectfully Submitted** 

R. Michtra

Robert S. Middleton, P.Eng

Kevin Filo, P.Geo

#### **Certificate**

- I, Robert S. Middleton, am a graduate of the Provincial Institute of Mining (Haileybury, Ontario) (1965) – Mining Diploma; Michigan Technological University 1968, B.S. Applied Geophysics, 1969 M.S. Applied Geophysics.
- 2. Attended University of Toronto 1970 Ph.D Geological program.
- 3. I am a member of the Ontario Association of Professional Engineers (No. 31595010), Geological Association of Canada (No. F1494), Canadian Institute of Mining and Metallurgy (No. 95019), Association of Exploration Geochemists, Society of Economic Geologists, Society of Geology Applied to Ore Deposits, and PDAC (No. 1745).
- 4. I have personally traversed the West Porcupine property and carried-out geological mapping, soil geochemical surveys and geophysical surveys in 1986-1988 on the property. I reviewed and supervised diamond drilling for Canadian Golden Dragon Resources Ltd. and Glenn Auden Resources Ltd. (now Maple Minerals Corp.) in 2003 and during joint-ventures with American Barrick (1988 1989) and in 1991 1997 (joint venture with Noranda, Hemlo Gold, Battle Mt.).
- 5. I have reviewed all previous work carried-out by Glen Auden Resources Limited, Goldrock Resources Inc., American Barrick Resources, Noranda Exploration company, Hemlo Gold Mines, Battle Mountain Canada and Newmont Exploration of Canada and have interviewed several individuals that completed the above programs.
- 6. I have reviewed the sections of National Instrument Policy 43-101 as they apply to completion of an Engineers Report and review/vetting of a mineral property.
- 7. I hold shares in Maple Minerals Corp. and Canadian Golden Dragon Resources Ltd.
- 8. I do not hold any interest in any mining claims within 10 km of the West Porcupine property.
- 9. I am a qualified person for the purposes of NIP 43-101 and this report.
- 10. I have been consulting for various companies in Timmins since 1983 and in Thunder Bay since 2000. I have carried out various Au and basemetal projects in N.W.T., Manitoba, Quebec, Ontario, U.S.A., Scotland, Uganda, Kyrgystan, Siberia, and Honduras.
- Previously employed by Ontario Dept. of Mines (1968-1971), Barringer Research Ltd. (1971-1974), Rosario Resources Corp. (1974-1980), and Newmont Exploration of Canada (1982-1983). Consulting 1983 to present.

R. Middaton

**Robert S. Middleton** 

R.S. Middleton, P.Eng.

Date: April 2, 2003

Robert S. Middleton, P.Eng. 1158 A Russell St. Thunder Bay, ON P7B 5N2 Telephone: (807) – 623 - 3824 Fax: (807) – 623 - 0877

#### **CONSENT of AUTHOR**

TO: B.C. Securities Commission Ontario Securities Commission TSX Venture Exchange

I, Robert S. Middleton, do hereby consent to the filing of the written disclosure of the technical report titled *Engineers Report on the West Porcupine Project Sewell, Reeves, Kenogaming, and Penhorwood Township, Porcupine Mining Division District of Sudbury and Cochrane Ontario* and dated 04/02/2003 (the "Technical Report") and any extracts from or a summary of the Technical Report in the AIF of Maple Minerals Corp., and to the filing of the Technical Report with the securities regulatory authorities referred to above.

I also certify that I have read the written disclosure being filed and I do not have any reason to believe that there are any misrepresentations in the information derived from the Technical Report of that the written disclosure in the AIF of Maple Minerals Corp. contains any misrepresentation of the information contained in the Technical Report.

Dated this 2<sup>nd</sup> Day of April, 2003.

hiddenter

Signature of Qualified Person

Print name of Qualified Person

- 8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
- 9. I am not independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101. I own a small number of shares in Maple Minerals Corp.
- 10. I have read Nation Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
- 11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 2<sup>nd</sup> Day of April,2003.

R. Middatan

Signature of Qualified Person

Print name of Qualified Person

Robert S. Middleton, P.Eng. 1158 A Russell St. Thunder Bay, ON P7B 5N2 Telephone: (807) – 623 - 3824 Fax: (807) – 623 - 0877

#### **CERTIFICATE of AUTHOR**

I, Robert S. Middleton, P. Eng. do hereby certify that:

- 1. I am the Exploration Manager for Maple Minerals Corp.
- I graduated with a M.Sc. in Applied Geophysics from the Michigan Technological University in 1969. In addition, I have obtained a Mining Diploma from the Provincial Institute of Mining (Haileybury, Ontario) (1965), a B.Sc. Applied Geophysics from Michigan Technological University (1968) and attended University of Toronto – Ph.D. Geological program (1970).
- 3. I am a member of the Ontario Association of Professional Engineers (No. 31595010), Geological Association of Canada (No. F1494), Canadian Institute of Mining and Metallurgy (No. 95019), Association of Exploration Geochemists, Society of Economic Geologists, Society of Geology Applied to Ore Deposits, and PDAC (No. 1745).
- 4. I have worked as a geophysicist for a total of 35 years since my graduation from university.
- 5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
- 6. I am responsible for the preparation of sections of the technical report titled *Engineers Report on the West Porcupine Project Sewell, Reeves, Kenogaming, and Penhorwood Township, Porcupine Mining Division District of Sudbury and Cochrane Ontario* and dated 04/02/2003 (the "Technical Report") relating to the West Porcupine property. I have worked on the West Porcupine property since 1986 continuously and supervised a drill program in March, 2003 (drill logs attached in Addendum, coauthored by R. B. Durham P.Geo.).
- 7. I have had prior involvement with the property that is the subject of the Technical Report. The nature of my prior involvement is that I assembled the original land package, in 1986, for Glen Anden Resources Limited (now Maple Minerals Corp.) and carried out various geophysical, geological, geochemical surveys and drill programs as a contractor-consultant to Maple Minerals Corp. and numerous joint venture partners (1988-2000).

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MAPS		
Claim Maps		
Sewell Township	G-3247 scale 1 incl	n to ½ mile
Penhorwood Town	nship G-3244 sc	ale 1 inch to ½ mile
Kenogaming Tow	nship G-3239 sc	ale 1 inch to ½ mile
Reeves	G-	scale 1 inch to 1/2 mile
Geophysical Maps		
<b>ODM-GSC</b> Aeromagnetic	Maps	
2247G	$1^{"} = 1$ mile	
2248G	1:63,560	
2263G		
2264G		

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#### Table of Geological Units for Figure 3 and 4

7a Granodiorite

- 7e Quartz Eye Porphyry 7c Feldspar Porphyry

6 Gabbro - Peridotite

6d Peridotite

**4IF** Iron Formation

2, 2a Basalt

1, 1a Untramafics Talc Chlorite Schist



## Maple Minerals Corp and Canadian Golden Dragon Resources Ltd.

<b>DDH:</b> DF-03-51	Coordinates: L55+00W / 3+25N	Start: March 21, 2003
Grid: Deerfoot	Orientation: Az 180/-75 degrees	End, March 25, 2003
Claim:1177124	<b>E.O.H.:</b> 269 meters	Logged: B Durham
Core: NQ	Purpose: Test hole 18 intersection	Drilled: Norex Drilling

#### Interval m Description

0-30.0 NW Casing

R. Middleton Play

#### 21.7–30.0 Boulders or Broken, cored bedrock

#### 30.0–50.1 Basalt

Chlorite calcite schist with occasional pink altered, hematized, bleached zones. Also occasional narrow more ankerite rich zones.

34.8-35.15 50% pink altered at 50 degrees to core axis (dtca)

35.2-35.4 strongly foliated at 40 degrees to core axis, bleached crenulation subparallel tca with ankerite, sericite and weak fuchsite.

37.9-38.0 similar bleaching.

Pinkish altered zones at: 37-37.2, 39.3-40.3, 41.3-42.4, 44.0-44.2, 44.6-44.8,

Fault zone 39.4-40.3, Fault planes at 10-50 dtca with definite offsets and strong local hematite staining.

40.2 degradation of quartz and carbonate vein material to sub-centimeter breccia fragments, generally at 40 dtca.

Becoming more sericite ankerite altered downhole

44.8-45.5 approximately 2% pyrite

46.5-47 more strongly deformed with some chevron folds subparallel to the core axis.

47-48 3 hairline offsets at 20-30 dtca, some pink hematite alteration.

#### 50.1-78.5 Ultramafic (Talc Carbonate)

Carbonate talc carbonate schist. Very highly deformed crenulated, laminated sheared ultramafic of uncertain origin.

52.9-53.2 80% quartz carbonate ragged veining with no sulphide mineralization.

53.8-56.3 Pink aphanitic felsic intrusive cut by occasional irregular quartz carbonate

veining with 1% pyrite in more banded (sheared) portion, shearing at 40-50 dtca Upper contact at 40 degrees.

Lower contact 70 degrees.

57.2 foliation subparallel tca.

58.2-58.4 Pink porphyry with contacts at 80 dtca.

- 58.9 foliation subparallel tca, then 80 dtca by 59.2
- 64.6 offset at 20 dtca; change in alteration of the ultramafic.
- 67.4-68.0 Pink porphyry containing 5% pyrite, contacts at 80 degrees tca. Chlorite forms 10% of the unit. Chlorite occasionally altered to a bright green.
- 68.2-69 Pink porphyry as at 67.4
- 70.8-71.0 Pink porphyry, siliceous and containing minor pyrite.
- 71.0-75.0 Main lamination very strongly deformed at 60 dtca.
- 75.0-78.5 Main lamination 50 degrees with later foliation developed at 20-40 dtca.

#### 78.5-95.7 Basalt

Medium to dark green massive to strongly foliated and in places quite laminated. Fine grained and containing moderate calcite throughout as disseminated grains and thin fractures. Some intervals appear to have more dolomite rather than just calcite.

Only trace fine pyrite, except 1% near occasional veins.

86m folded quartx veinlet shows polyphase deformation.

88.5 Breccia over 20cm @ 30 dtca. No significant mineralization.

#### 95.7-102.1 Intermediate Intrusive

95.7-96.2 light pink, fine grained massive siliceous and fractured (chlorite filled hairline fractures).

96.2-101.2 Variably massive dark green and pink mixed or banded, moderately deformed laminar fabric with generally 1-2% pyrite. 100.5-102.1 3% disseminated pyrite.

#### 102.1-118.5 Ultramafic

Highly deformed talc carbonate chlorite altered ultramafic of uncertain origin.

The entire unit is highly deformed with nodes, deformed veins, knots and balls of carbonate material, all becoming disattached and flattened.

Core angles are variable but generally 60 dtca but vary to 0 dtca at 107, 110.5 and 113.5.

#### 118.5-147.5 Basalt (Tholeiitic)

Very fine grained, medium green to rather light green with frequent variably oriented fractures.

The fractures are ubiquitous and are typically hairline and linear but composite, anastomising and can range up to about 2mm. Most of the

fractures are light green and are calcite filled. Many of the fractures also contain some pyrite. Minor pyrite also disseminated in the groundmass. Total pyrite 2-4%.

Weak foliation developed at 45 dtca.

119.8 30cm bleached interval.

122 15 cm bleached interval containing 2-3% pyrite, occasional 30 degree offset.

126.5 20 cm breccia with small offsets on fractures at 30 dtca

By 128 the weakly developed foliation is at 10 dtca.

Rather bleached around 130 but not strongly altered.

Beyond 135m the pyrite content decreases to less than 2%.

137.3-137.5 fine grained felsic dike with 2% pyrite.

146-147.5 Possible flow top with tuffaceous material up to 1 or 2cm.

#### 147.5-190.4 Basalt (Biotitic, fractured and bleached)

This basalt interval is unusual in that it is variably bleached along ubiquitous hairline fractures and the non bleached portions of the basalt are biotite altered.

The groundmass appears to have reached biotite stability under regional metamorphic conditions and been later fractured, with alteration along the fractures which result in up to 30% of the biotitic groundmass being destroyed

The unit therefore has a brown/green colour and is rather variable depending on the amount of fracturing, The orientation of the fracturing appears to be quite random and is more of a bleaching than actual fracturing. Many of the fractures in the upper portion are actually calcite filled and contain 2% pyrite overall

157.8-159.9 Biotite rich, fine to medium grained lamprophyre? dike. Quite massive and significantly less fractured and bleached. Upper contact at 60 dtca.

The interval includes two 2cm quartz veins with minor pyite.162.3 2cm pyrite rich interval with minor quartz.

162-162.9 dike similar to dike at 157.8 with up to 5% disseminated pyrite on upper contact.

From around 165, the amount of pyrite and calcite related to the hairline fractures decreases and the fractures are really only pale green bleached lines cutting the basalt with little calcite or pyrite. Fractures continue to be at all angles with no preferred orientation.

175 5% pyrite over 5cm.

183.5 10cm strongly altered quartz ankerite pyrite zone with chalcopyrite at 60 dtca.

188.1-188.4 several stages of breccia some of which include exotic fragments. The breccia is rather subtle. The breccia is for the most part resealed and contains some calcite.

#### 190.4-193.5 Quartz Ankerite Pyrite Zone

Grey to grey buff altered zone containing less than 10% quartz ankerite veining but strongly altered and containing 5-8% pyrite, 1% sphalerite and trace galena and chalcopyrite.

Sharp upper contact at 60 dtca Veining is ragged and generally at about 40 dtca. Pyrite occurs as very fine grained and medium grained crystals. 190.4-191.4 5-8% pyrite 1% sphalerite and 1-2% pyrrhotite.

Strong ankerite sericite alteration and silica flooding.

Strong ankerite sericite alteration and sinca hooding.

191.4-192.4 as at 190.4 but with 8-10% pyrite, minor pyrrhotite and sphalerite.

192.4-193.5 3-5% pyrite, trace sphalerite, less mineralization from 192.8-193.4.

#### 193.5-246.0 Basalt (Fractured and bleached)

(as above 190.4)

Slight buff carbonate to about 199.5

199.5-203.6 more foliated at about 45 dtca possible feldspathic material, more amphibolitized.

203.6-204.6 Dark biotitic mafic dike or sill with 5% feldspar phenocrysts. Very sharp contacts at 40 dtca.

212.7-213.3 fine grained mafic lamprophyre? dike with 2% pyrite in biotitic matrix.

215 10cm healed breccia, autoclastic, subangular fragments up to 2cm. Less bleached and fractured downhole.

219.2-222.5 late bleaching and fracturing with 2% pyrite, minor hematite on fractures, quite brecciated, resealed and with late fractures.

Below the breccia zone the basalt is more bleached and has 2-20cm bands of more chlorite and more grey bleached zones.

225.8-226.5 intermediate dike or sill at 30 dtca.

The unit is rather siliceous but with chlorite specks throughout. The chlorite clots are somewhat aligned.

236.2-237.7 Highly deformed agglomerate, or tuff comprised of mainly mafic and felsic lithologies and of sizes up to 2cm by .5cm.

Unit is sheared at 45 dtca.

242.2-242.9 5% pyrite generally associated with more siliceous altered intervals.

245.6-246.0 several hairline offset fractures.

#### 246.0-251.3 Quartz Ankerite Pyrite Zone

Highly variable strongly ankeritized pyritic grey tan siliceous carbonate zone with albite? Trace sphalerite and chalcopyrite. Pyrite 10%-15% in places, Part of the interval is coarsely fragmented by ankerite pyrite. 250.0-250.9 less altered and mineralized than main part of mineralized zone.

246-246.6 Only moderate ankerite and pyrite but rather strong buff carbonate.

246.6-248.2 Very strong ankerite, silica and pyrite up to 15%. Trace chalcopyrite and sphalerite

248.2-249.0 5% pyrite, some ankerite and silicification but interval is mainly silicicified sericite schist with some chlorite which, in places is altered to bright green mica. Minor fine brown tourmaline in the schist planes.

249-250 more chlorite altered and less ankerite sericite carbonate. Less than 5% pyrite.

250-251.3 weakening alteration except 250.9-251.3 where there is very strong alteration and 15% pyrite over the interval. Quite sharp lower contact to the alteration.

#### 251.3-254.4 Basalt (slight carbnate alteration)

Massive, uniform, fine to medium grained green to occasionally buff altered and fractured basalt. The hairline fractures in the basalt are calcite filled.

#### 254.4-260.7 Carbonate Sericite altered Tuff

Rather sharp contact to short silicified interval (possibly altered felsic intrusive) to 255.3 then carbonate altered sericite schist with occasional discernible lapilli tuff eg. 256.2

Other intervals possibly sheared volcanic or agglomerate, buff coloured, sericitic and with occasional fuchsite alteration. Less than 5% pyrite overall.

Foliation at 46-65 dtca, becoming rather chloritic near 259.5m. Series of small faults at 30-60 dtca near 259.5-260.0

#### 260.7-266.1 Chert or Rhyolite

Variably buff to medium grey very siliceous to more sericitic aphanitic to very fine grained massive to moderately foliated and fractured. Foliation at 50 dtca. Trace to 2% fine grained disseminated pyrite.

Becoming more fractured 265.5-266.1

#### 266.1-269 Siliceous Sediments

Buff to dark grey, rather massive to very thinly laminated silty black sediments. The bedding in places runs at approximately 10-20 degrees to the core axis. There are numerous small offsets to the bedding with displacements of only a few cm. These displacements occur at intervals of 1-5cm in some instances. 268.1-268.9 Porphyry or silicified and fractured rhyolite. Very strongly fractured, silicified and fine grained with minor fine feldspar phenocrysts.

Pyrite less than 1%.

#### E.O.H. 269 Rods became stuck in the hole. Water return lost and hole abandoned.

Casing left in hole.

Tests	Collar Azimuth Grid south	Dip -75 degrees.
50m	185.1	-73.1
101	183.5	-72.7
152	185.9	-71.9
200	184.8	-71.0
269	186.3	-70.4

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## Maple Minerals Corp and Canadian Golden Dragon Resources Ltd.

<b>DDH:</b> DF-03-52	Coordinates: L55+00W / 3+25N	Start: March 25, 2003
Grid: Deerfoot	Orientation: Az 180/-68 degrees	End, March 28, 2003
Claim:1177124	<b>E.O.H.:</b> 251 meters	Logged: B Durham
Core: NQ	Purpose: Test hole 18 intersection	Drilled: Norex Drilling

#### Interval m Description

0-21 NW Casing

R. Middaton

#### 21.7-30.0 **Boulders or Broken, cored bedrock**

#### 30.0-50.1 **Basalt**

Chlorite calcite schist with occasional pink altered, hematized, bleached zones. Also occasional narrow more ankerite rich zones. Highly deformed intervals at 25.6-26.8, 30.3-30.4, 37.3-37.8, 38.4-38.9 39-39.6 hematized breccia, fault zone with late calcitic material at 30 dtca 40.2-40.5 more ankerite rich. 44-44.8 Ultramafic or at least much more talc carbonate rich zone in hasalt. 46.1-46.8 Ultramafic with 20% quartz, very little pyrite.

#### 48.2-69.1 **Ultramafic (Talc Carbonate)**

Carbonate talc carbonate schist. Very highly deformed crenulated, laminated sheared ultramafic of uncertain origin. Only very weakly magnetic.

54.5-58.2 5cm to 30cm Pink porphyry units. Entire ultramafic unit is very highly deformed

#### 69.1-91.3 Basalt

- Medium to dark green massive to strongly foliated and in places quite laminated. Fine grained and containing moderate calcite throughout as disseminated grains and thin fractures.
- 69 Moderately foliated at 60 dtca with 5-20% fine calcite crystals.
- 79.8-82.7 bleached, carbonate altered buff to slightly pink.

<sup>52.4-52.6</sup> Pink aphanitic felsic intrusive, pink colour apparently an alteration of a grey groundmass.

81.6 5cm band of ultramafic.

82.7-86.2 Sheared, altered volcanic becoming more fractured and faulted.Near 186 offsets variable from 30-60 dtca3% pyrite 185.4-186

#### 91.3-99.5 Intermediate (lamprophyre?) Intrusive

Pink green massive fine grained to medium grained somewhat banded and calcitic. More frequent fractures and offsets near lower contact 98.8-99.5 2% disseminated medium grained pyrite.

#### 99.5-125 Basalt (Tholeiitic)

Very fine grained, medium green to rather light green with frequent variably oriented fractures.

The fractures are ubiquitous and are typically hairline and linear but composite, anastomising and can range up to about 2mm. Most of the fractures are light green and are calcite filled. Many of the fractures also contain some pyrite. Minor pyrite also disseminated in the groundmass. Total pyrite 1-3%.

Quite deformed to 108.6

From 108.6 the basalt is quite massive but fractured throughout. The fractures are calcite filled.

Pyrrhotite on fracture at 110.6

Foliation generally 45-55 dtca but variable.

113-113.5 4cm quartz vein with very strong ankerite sericite pyrite as well as minor chlorite and brown tourmaline. Pyrite 15% overall. 119-124.5 generally very shallow, less than 20 dtca fracturing. Rather rapid decrease in calcite content.

#### 125-191.9 Basalt (Biotitic, fractured and bleached)

This basalt interval is unusual in that it is variable bleached along ubiquitous hairline fractures and the non bleached portions of the basalt are biotite altered. The amount of biotite increases downhole. 127.8-128.2 Bleached porphyry

Vague feldspar phenocrysts with chlorite on the fractures. Trace tournaline, 2% pyrrhotite, 1% pyrite, Lower contact very irregular, upper contact 70 dtca.

The unit therefore has a brown/green colour because of the biotite and the bleaching along fractures and is rather variable depending on the amount of fracturing, The orientation of the fracturing appears to be quite random and is more of a bleaching than actual fracturing.

Intense fracturing, not calctic, continues to 142. From 142 onward the unit is moderately fractured with more calcite in the fractures Pyrite 1-2% associated with the fracturing. Only minor biotite remaining but occasionally visible. Eg. 152.2 154.5-156 More altered with minor guartz ankerite with 2-4% pyrite cutting a 50 dtca foliation at about 60 degrees to the foliation. 165.4-166.3 Feldspar porphyry with chlorite fractures. The unit is massive, siliceous and vague feldspar phenocrysts are visible throughout. 2% pyrite in the dike or sill. Lower contact at 30 dtca. 169.4-172.6 Biotite chlorite dike (lamprophyre) More massive and equigranular away from the contact. Small biotite chlorite clots. Strongly calcitic matrix. 180.2 small breccia with hematite on fractures. 183 Brecciated over 30cm 191.2 20 cm fractures at 30 dtca Breccia is calcite filled and contains pyrite.

#### 191.9-199.3 Discontinuous Quartz Ankerite Pyrite Zone in Basalt

Sporadic grey to grey buff to slightly mauve altered zones in basalt containing less than 10% quartz ankerite veining but strongly altered in places as described below.

191.9-192.6 15cm bleached zone at the start of the interval containing 5% pyrite overall.

192.6-193.6 10% pyrite in bleached zone, occasional 1cm quartz veins. Pyrite occurs both in the veins and the wallrock but occurs in higher concentrations in the wallrock.

193.6-195.2 Basalt, quite chloritic but with some biotite still visible. Occasional fractures with minor bleaching and 1-2% pyrite.

195.2-196.2 0.4m bleached interval with 5-10% pyrite at the start of the interval. This bleached interval is followed by basalt.

196.2-198.8 less altered and bleached basalt. No significant quartz ankerite or pyrite.

198.8-199.3 Fault Breccia 2 or three distinct breccias that appear to cut the core axis at 20-45 dtca. Minor pyrite with minor sphalerite, galena and a little fuchsite. Breccia fragments include quartz material and range up to 2cm

192.4-193.5 3-5% pyrite, trace sphalerite, less mineralization from 192.8-193.4.

#### 199.3-246.0 Basalt (Fractured and bleached)

Medium green massive basalt but containing 5-15cm medium to dark grey rather siliceous zones or interbands. Origin uncertain. 200-202 Tuff 203-205 Lapilli tuff with alignment of lapilli at 45 dtca These tuffs may actually be detached attenuated bands. Numerous small offsets to the foliation

212.5-218.3 Grey green intermediate dike with biotite (lamprophyre?) Includes an interval from 215.2-215.7 of volcanic material. Lower contact is ankerite altered and includes a 2cm quartz vein with 10% pyrite and 1-2% sphalerite. Minor carbonate extending to the basalt below. From 218.3-227.6 strong fracturing at various angles and with occasional offsets

225.2 3% pyrite with trace tournaline.226-227 Moderate calcite with 2% pyrite and minor buff carbonate.

#### 230.7-233.0 Basalt (slight carbnate alteration)

Massive, uniform, fine to medium grained green to occasionally buff-grey altered banded and fractured basalt. The hairline fractures in the basalt are calcite filled.

#### 233.0-245.7 Silty to Massive Sediment (sericitic in places)

Silty bedded to rather massive sediment with variable alteration to sericite carbonate schist. Occasional pyrite grains and trace brown tourmaline in the schist planes.

241.1-241.5 strong apple green fuchsite alteration in the schist. There is no increase in the amount of pyrite with the interval of green mica. Pyrite less than 1% overall.

238.6-239.6 Buff, vague feldspar porphyry. Quite massive with only vaguely visible feldspar crystals. Contacts at 50-60 dtca

240.9-241.1 cherty and grey interval with 2% pyrite.

241.6-243.8 chlorite calcite altered basalt.

243.8 Fault with 45 degree offset back to sericite carbonate schist downhole.

#### 245.7-251.0 Basalt

Chlorite calcite foliated at 50 degrees to the core axis. Quite sharp contact

#### E.O.H. 251

Casing left in hole.

TestsCollar Azimuth Grid southDip -68 degrees.

50m	Bad test	
101	188.6	-66.2
152	191.1	-65.5
200	193.1	-64.9

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## Maple Minerals Corp and Canadian Golden Dragon Resources Ltd.

DDH: DF-03-53	Coordinates: L55+00W / 3+25N	Start: March 28, 2003
Grid: Deerfoot	Orientation: Az 180/-59 degrees	End, March 31, 2003
Claim:1177124	<b>E.O.H.:</b> 209 meters	Logged: B Durham
Core: NQ	Purpose: Test hole 18 intersection	Drilled: Norex Drilling

#### Interval m Description

0 - 20 NW Casing

R. Middutan

#### 20.0–37.9 Basalt

Rather variable chlorite calcite schist with occasional pink altered, hematized, bleached zones. Highly variable and quite deformed. Also occasional narrow more ankerite rich zones. Some intervals are quite laminated.

This unit may actually be a tuffaceous interval as it varies to a well laminated zone. The lamination could also be the result of preferential alteration.

#### 50.1-64.85 Ultramafic (Talc Carbonate)

Carbonate talc carbonate schist. Very highly deformed crenulated, laminated sheared ultramafic. Very weakly magnetic in places.

- 38-40.8 Inclusion of pink altered basalt with 30% quartz veins. The veins are virtually barren of pyrite. Pyrite 5% in basalt.
- 39.7-41.7 Pink porphyry altered and strongly chlorite fractured 1% disseminated pyrite.
- 42.4-42.6 70% barren quartz
- 45-47 Pink porphyry, quite siliceous
- 48.4-49.7 Pink porphyry, siliceous and very fine grained.

50.2-50.4 Pink porphyry or silicified volcanic.

- 61.8 20cm Pink porphyry, possibly a 5cm folded dike.
- 62.4 10cm pink porphyry

64.8-64.85 Fault

Pink breccia at 30 dtca. Sharp upper and lower contacts. Hematite stained.

#### 64.85-76.1 Basalt

Medium to dark green massive to strongly foliated and in places quite laminated. Fine grained and containing moderate calcite and rather pink altered in some intervals.

- Moderately magnetic due to scattered disseminated magnetite in places. Foliation and lamination at 60-70 dtca
- Only trace fine pyrite in some intervals but up to 5% in more bleached and slightly pink altered areas.

72.2-72.4 Breccia over 20cm. Angular fragments to 3cm
74.6-76.1 More pyritic (10%) pink altered with some brecciation, shearing.
Less than 10% carbonate veining.
73.9-74.2 Pink porphyry
74.8-76.1 Pink altered.

#### 76.1-84.7 Ultramafic

Highly deformed talc carbonate chlorite altered ultramafic of uncertain origin. The entire unit is highly deformed with nodes, deformed veins, knots and balls of carbonate material, all becoming disattached and flattened.

#### 84.7-154.0 Basalt (Tholeiitic)

Very fine grained, medium green to rather light green with frequent variably oriented fractures. Light buff green in areas of more intense fracturing.

The fractures are ubiquitous and are typically hairline and linear but composite, anastomising and can range up to about 2mm. Most of the fractures are light green and are calcite filled. Many of the fractures also contain some pyrite. Minor pyrite also disseminated in the groundmass. Total pyrite 2-4%.

Rather massive, fine grained and uniform to 93.5, then rather bleached to beige green, quite foliated after bleaching and folded.

103 strong fracture parallel to the core axis.

A little more biotite after 103m.

107.3-108.3 Light coloured feldspar porphyry. 20% 2mm feldspar crystals.

108.5-119 The basalt is less altered and fractured.

119-120 fractured and containing 1-2% pyrite.

120-120.5 Very strongly mineralized quartz carbonate zone.

20% pyrite, 2% chalcopyrite and 5% late calcite.

Very silicified, wallrock to the veining is bleached carbonate altered and silicified. Vein is 50% of the interval.

119-136 strongly fractured and containing 1-2% pyrite.

No strong carbonate, just bleaching related to the fracturing and calcite associated with the fractures.

Less apparent bleaching, quite fractured below 156 Fractures are calcite filled. 144-145.1 strongly fractured and bleached 5% pyrite in and along calcitic fractures. Up to 20% pyrite over 10cm at 144.7 at 30 dtca. Pink to orange carbonate with calcite near the end of the interval. 151.2 10cm porphyry, fractured and bleached.

#### 154-166 Basalt – Intermittent Silicified Mineralized Zones

Variably altered, fractured and bleached basalt with occasional very strongly altered, silicified, carbonatized and possibly albitized. Pyrite mineralization accompanies all of the strongly altered zones and is also disseminated within the basalt.

#### 154-155.8 Quartz Ankerite Pyrite Zone

Grey to grey buff altered zone containing less than 10% quartz ankerite veining but strongly altered and containing 5-8% pyrite, 1% sphalerite and trace galena and chalcopyrite.

Strong ankerite sericite alteration and silica flooding.

154.2-154.7 strong alteration with 15% pyrite, trace chalcopyrite.

155.2-155.8 very strong alteration and 20% pyrite. Trace chalcopyrite. Minor fuchsite and tourmaline.

Intervening basalt is somewhat bleached but not mineralized or strongly carbonate altered.

159.4-159.7 strongly bleached, silicified with 20% pyrite, sharp contacts, possible dislocation at 50 dtca.

160 20cm silicified beached carbonate zone containing 5-7% pyrite. 160.3-160.5 strongly silicified containing 5% pyrite and 2 – 2cm quartz veins.

160.5-162.1 70% bleached altered zone, grey to mauve, ankerite rich and with 2-5% pyrite.

163.2-164.2 strongly bleached to grey-mauve colour, less than 2% pyrite. 166.5 20cm bleached carbonate zone.

#### 166.0-200 Basalt (Fractured and bleached) Moderately Carbonatized

Medium green with occasional 5-20cm medium to dark grey very fine grained intervals – origin uncertain.

167.9-169 becoming more fractured and with 30% grey to grey mauve bands with 2-3% pyrite.

169-170 quite altered, 5% pyrite particularly on fractures. 170-171.5 strong buff carbonate with 5% pyrite. 171.5-173 30% of the interval is bleached and altered to a grey mauve colour. 5% pyrite. 173-174.5 50% mauve and grey carbonate. 5-7% pyrite. 174.5-176 60% volcanic 20% grey mauve alteration, moderately carbonate altered, 5% pyrite. 177.5-179 much weaker alteration but rather grey fractured volcanic with 2% pyrite. 179-180.5 30cm strongly carbonate altered with 10% pyrite near 179.4 and crosscutting the foliation. 180.5-182.0 moderately carbonatized and containing 3-5% pyrite 182-183.5 green to grey-green basalt containing 5% pyrite. 183.5-185 Weak carbonate altered in deformed basalt with 10% pyrite. Banding in the pyrite is deformed and folded (ie post mineralization deformation). 185-186.5 deformed basalt with 5-8% pyrite. 186.5-188 3-5% pyrite. 188-191.4 dacite o intermediate tuff, medium grey and containing 2% pyrite and weak carbonate alteration. 191-191.3 fragmental or fragmented by brecciation. 192.3-192.8 silicified zone or altered porphyry with chlorite on the fractures.

#### 200-208.7 Ultramafic

Highly altered and deformed ultramafic identical to the unit near the upper part of the hole.

201.5-203.3 Massive dike containing biotite and chlorite and significant calcite (lamprophyre?) Upper contact at 30 dtca and lower contact at 30 dtca.
203.8-204.2 as at 201.5, upper contact 60 dtca and lower contact at 30 dtca.
205.3-206 biotite chlorite hematite alteration with minor silica.
206.8-207.5 40 degree fault plane to chlorite biotite lamprophyre with abundant calcite

#### E.O.H. 209

Casing left in hole.

Tests

Collar Azimuth Grid south

Dip -59 degrees.

50m	193.3	-59.4
101	192.7	-59.0
152	193.7	-58.4
200	194.6	-57.3

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# NOREX DRILLING LIMITED 1450 HWY 101 E, P.O. Box 88 PORCUPINE, ONTARIO PON 1CO

## INVOICE

			NO	653
Tel: (705) 235-2222 Fax: (705) 235-2806			DATE	4/1/03
	SHIP		PAGE	1 of 1
Canadian Golden Dragon Resources	10	Canadian Golden Dragon Resour	ces	
& Maple Minerals Corporation		And Maple Minerals Corporation		
C/O 20 Maude St., Suite 500		Suite 2810, 130 King St. West		
Toronto, On M5V 2M5		Toronto, ON M5X 1A9		
		Att: Bob Middleton		

Re: Sewel Twp.

GST PST ITEM NO. QUANTITY UNIT DESCRIPTION UNIT PRICE AMOUNT HOLE #DF-51, Casing 30m 15 G 42.00 630.00 m G 15 50.50 757.50 m G 120 30 to 150 42.00 5,040.00 m 119 150 to 269 G 43.65 5,194.35 m G 5 ea Tests 35.00 175.00 3m \*\* NW Casing 10 G 140.00 1,400.00 1 ea \*\* NW Shoe G 245.00 245.00 1 ea \*\* Cap G 40.00 40.00 G 850.00 Mobilization G 5.00 280.00 56 ea \*\* NQ Core Trays G \*\*Material Charge \$1965.@ 5% 98.25 Subtotal: 14,710.10 G - GST 7.00% GST 1,029.71 Terms: Net 15. Due 4/16/03. Norex Drilling Ltd. GST: #10390 4504 COMMENTS 15,739.81 Thank You ! TOTAL



# NOREX DRILLING LIMITED 1450 HWY 101 E, P.O. Box 88 PORCUPINE, ONTARIO PON 1CO

## INVOICE

				654
			NO	
Tel: (705) 235-2222 Fax: (705) 235-2806			DATE	4/1/03
	SHIP		PAGE	1 of 1
Canadian Golden Dragon Resources & Maple Minerals Corporation C/O 20 Maude St., Suite 500 Toronto, On M5V 2M5	10	Canadian Golden Dragon Resource And Maple Minerals Corporation Suite 2810, 130 King St. West Toronto, ON M5X 1A9 Att: Bob Middleton Re: Sewel Twp, ON	es	

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	r PST	UNIT PRICE	AMOUNT
Norex Drill	15 6 129 101 4 7 1 54	m m ea 3m ** ea ** ea ** ea ** ea **	HOLE #DF-52, Casing 21m 21 to 150 150 to 251 Tests NW Casing NW Shoe Cap NQ Core Trays Demobilization **Material Charge \$ 1535. @ 5% Subtotal: G - GST 7.00% GST Terms: Net 15. Due 4/16/03.	600000000000000000000000000000000000000		42.00 50.50 42.00 43.65 35.00 140.00 245.00 40.00 5.00	630.00 303.00 5,418.00 4,408.65 140.00 980.00 245.00 40.00 270.00 850.00 76.75 13,361.40 935.30
Thank You	, l					TOTAL 🌢	14,296.70



# NOREX DRILLING LIMITED 1450 HWY 101 E, P.O. Box 88 PORCUPINE, ONTARIO PON 1C0

## INVOICE

				CEE
			NO	699
Tel: (705) 235-2222 Fax: (705) 235-2806		DA	TE	4/1/03
	SHIP	PA	GE	1 of 1
Canadian Golden Dragon Resources	10	Canadian Golden Dragon Resources		
& Maple Minerals Corporation		And Maple Minerals Corporation		
C/O 20 Maude St., Suite 500		Suite 2810, 130 King St. West		
Toronto, On M5V 2M5		Toronto, ON M5X 1A9		
		Att: Bob Middleton		

Re: Sewei Twp, ON

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
ITEM NO.	QUANTITY 15 3 132 59 4 6 1 1 45 45	UNIT m m ea 3m ** ea ** ea ** ea **	DESCRIPTION HOLE #DF-53, Casing 18m 18 to 150 150 to 209 Tests NW Casing NW Shoe Cap NQ Core Trays **Material Charge \$ 1350. @ 5% Subtotal: G - GST 7.00% GST Terms: Net 15. Due 4/16/03.		PST	UNIT PRICE 42.00 50.50 42.00 43.65 35.00 140.00 245.00 40.00 5.00	630.00 151.50 5,544.00 2,575.35 140.00 840.00 245.00 40.00 225.00 67.50 10,458.35 732.09
Norex Dril	ing Ltd. GST: i	¢10390 4504					
Thank You	! !					TOTAL 🕨	11,190.44



NOREX DRILLING LIMITED 1450 HWY 101 E, P.O. Box 88 PORCUPINE, ONTARIO PON 1CO

## INVOICE

			656
Tel: (705) 235-2222 Fax: (705) 235-2806		DATE	4/1/03
	SHIP	PAGE	1 of 1
Canadian Golden Dragon Resources	10	Canadian Golden Dragon Resources	
& Maple Minerals Corporation		And Maple Minerals Corporation	
C/O 20 Maude St., Suite 500		Suite 2810, 130 King St. West	
Toronto, On M5V 2M5		Toronto, ON M5X 1A9	
		Att: Bob Middleton	

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST		AMOUNT
	10	days	EZ shot instrument rental	G		55.00	550.00
			Subtotal:				550.00
· .			G - GST 7.00% GST			1	38.50
•							
Norex Dril	ing Ltd. GST: <b>f</b>	¢10390 4504					
Thank You	u !						588.50
						TOTAL 🕨	



# **ALS Chemex**

**EXCELLENCE IN ANALYTICAL CHEMISTRY** ALS Canada Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218

#### To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9

Page #: 1 Date : 17-Apr-2003 Account: RVB

CERTIFICATE TO03011450	SAMPLE PREPARATION					
	ALS CODE	DESCRIPTION	<u></u>			
Project : W. PORCUPINE 03-51 P.O. No: DF 03-51 This report is for 28 ROCK samples submitted to our lab in Mississauga, ON, Canada on 15-Apr-2003. The following have access to data associated with this certificate: BOB MIDDLETON BRUCE DURHAM DR. E. STRASHIN	WEI-21 LOG-22 CRU-31 SPL-21 PUL-31	Received Sample Weight Sample login - Rcd w/o BarCode Fine crushing - 70% <2mm Split sample - riffle splitter Pulverize split to 85% <75 um ANALYTICAL PROCEDUR	ES			
GINO FALZONE	ALS CODE	DESCRIPTION	INSTRUMENT			
	Au-AA23 ME-ICP41	Au 30g FA-AA finish 34 Element Aqua Regia ICP-AES	AAS ICP-AES			

To: MAPLE MINERALS INC. ATTN: BOB MIDDLETON 402 - 905 W. PENDER ST. VANCOUVER BC V6C 1L6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.





ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9 Page #: 2 - A Total # of pages : 2 (A - C) Date : 17-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-51

CERTIFICATE OF ANALYSIS TO

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-1CP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-1CP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
51111		1.45	<0.005	0.2	0.92	4	<10	30	<0.5	5	2.02	<0.5	10	96	51	2.25
51112		2.06	0.006	<0.2	1.26	6	<10	10	<0.5	3	2.38	<0.5	17	471	89	2.81
51113		0.44	2.19	12.9	2.98	8	<10	20	<0.5	<2	4.72	1.1	41	83	1375	6.56
51114		3.10	0.104	0.4	3.58	7	<10	20	<0.5	<2	7.17	1.5	38	170	185	6.00
51115		2.09	0.448	6.1	1.08	28	<10	20	<0.5	9	9.59	17.0	32	16	365	4.31
51116		2.20	0.530	7.4	1.54	27	<10	20	<0.5	6	8.55	6.3	29	24	243	5.56
51117		2.51	0.342	3.7	1.74	21	<10	20	<0.5	<2	8.15	9.3	32	30	538	5.07
51118		1.06	0.017	0.7	3.92	15	<10	20	<0.5	<2	6.82	1.9	36	99	241	6.64
51119		1.59	0.149	0.9	4.07	8	<10	20	<0.5	16	3.93	2.7	43	5	164	9.85
51120		2.36	0.095	0.4	3.06	15	<10	20	<0.5	<2	5.49	1.2	32	124	87	6.59
51121		1.42	0.063	<0.2	0.84	2	<10	30	<0.5	2	3.14	0.5	12	10	68	3.06
51122		1.89	1.530	2.6	0.35	30	<10	30	<0.5	3	5.89	1.1	24	6	39	5.49
51123		1.38	0.922	1.7	0.46	32	<10	30	<0.5	5	7.49	1.7	33	16	122	6.92
51124		1.83	0.323	1.0	1.39	36	<10	30	<0.5	<2	5.64	1.3	29	53	91	6.39
51125		2.15	0.343	0.9	2.61	31	<10	30	<0.5	3	6.04	1.1	34	95	121	6.64
51126		2.65	0.099	0.7	2.23	16	<10	30	<0.5	3	4.92	0.7	26	93	107	4.53
51127		3.33	0.019	0.4	3.30	11	<10	10	<0.5	9	4.58	0.7	31	186	66	5.78
51128		3.34	0.039	0.5	2.81	12	<10	10	<0.5	<2	4.33	0.8	30	168	100	5.19
51129		3.08	0.481	0.3	0.43	69	<10	30	<0.5	2	5.43	0.7	23	32	59	4.70
51130		3.33	0.745	0.3	0.35	55	<10	20	<0.5	<2	4.59	0.7	22	19	105	4.30
51131		3.29	0.306	0.2	0.34	42	<10	30	<0.5	6	3.82	0.6	14	3	91	2.69
51132		3.04	0.018	<0.2	1.58	8	<10	20	<0.5	2	5.02	1.1	36	288	85	5.96
51133		3.20	0.007	0.3	0.55	5	<10	20	<0.5	3	2.24	<0.5	17	17	1/5	3.86
51134		3.51	<0.005	<0.2	0.66	20	<10	20	<0.5	<2	2.64	<0.5	11	23	67	2.66
51135		3.30	<0.005	<0.2	0.72		< 10	20	×0.5		2.03	0.5		19	40	2.30
51136		3.08	<0.005	<0.2	0.85	6	<10	30	<0.5	3	2.84	0.7	10	12	92	2.36
51137		3.21	<0.005	<0.2	1.16	21	<10	30	<0.5	4	2.95	<0.5	13	19	65	2.70
51130		3.01	1	1.1	0.39	20	~10	30	~0.5	~2	3,13	0.7	12	20	43	2.42



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To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9 Page #: 2 - B Total # of pages : 2 (A - C) Date : 17-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-51

CERTIFICATE OF ANALYSIS

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
51111		<10	<1	0.03	10	2.10	336	1	0.08	65	970	2	1.16	<2	3	112
51112		<10	<1	0.02	10	2.96	444	1	0.04	166	740	3	1.38	2	6	121
51113		10	<1	0.08	<10	2.36	1200	5	0.02	69	230	216	2.18	6	9	22
51114		10	<1	0.11	10	2.79	1240	1	0.03	76	500	35	0.49	<2	19	92
51115		<10	<1	0.19	<10	1.19	1400	1	0.01	53	110	918	2.28	6	7	146
51116		<10	<1	0.18	<10	2.19	1855	2	0.01	48	110	761	2.60	<2	9	149
51117		<10	<1	0.18	<10	1.61	1520	3	0.01	57	150	282	1.68	5	9	122
51118		10	<1	0.16	<10	2.93	1465	1	0.03	64	200	19	0.36	<2	23	66
51119		10	<1	0.06	<10	2.20	1190	<1 ·	0.02	29	500	7	2.32	2	21	63
51120		10	<1	0.10	<10	2.13	1240	1	0.02	59	1030	9	0.79	<2	13	171
51121		<10	<1	0.20	20	0.98	791	1	0.05	14	1090	7	0.37	3	2	78
51122		<10	<1	0.23	10	1.96	1555	1	0.01	32	840	10	3.38	5	2	151
51123		<10	<1	0.22	<10	2.88	1850	1	0.01	56	770	14	3.65	3	3	224
51124		<10	<1	0.20	<10	2.62	1590	2	0.01	62	930	7	2.41	4	5	159
51125		10	<1	0.16	<10	2.60	1550	1	0.01	60	970	10	2.30	8	8	167
51126		10	1	0.17	<10	1.69	1115	1	0.04	49	1070	6	1.22	3	5	116
51127		10	<1	0.05	<10	2.25	1015	2	0.04	63	1090	<2	0.28	4	19	114
51128		10	<1	0.07	<10	1.98	923	2	0.06	61	1170	5	0.41	2	15	109
51129		<10	<1	0.14	10	1.81	1050	2	0.03	51	1030	2	1.01	5	5	134
51130		<10	<1	0.21	<10	1.54	911	3	0.01	60	690	6	1.76	4	3	128
51131		<10	<1	0.23	10	0.91	629	2	0.02	40	570	2	0.78	<2	2	85
51132		<10	<1	0.09	<10	3.49	1155	8	0.03	193	510	3	0.54	3	15	143
51133		<10	<1	0.12	<10	1.35	505	8	0.05	47	480	5	1.15	4	3	58
51134		<10	<1	0.15	10	1.08	469	2	0.05	32	490	2	0.58	<2	2	65
51135		<10	1	0.19	10	1.01	420	2	0.05	26	420	4	0.53	5	1	64
51136		<10	<1	0.19	10	0.90	424	14	0.06	29	570	3	0.39	2	2	65
51137		<10	<1	0.20	10	1.08	481	3	0.08	39	540	3	0.30	3	2	67
51138		<10	<1	0.17	10	1.19	534	/	0.08	34	520	41	0.17	<2	2	68



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Project : W. PORCUPINE 03-51

**CERTIFICATE OF ANALYSIS** 

	Method Analyte	ME-ICP41 Ti	ME-ICP41 TI	ME-ICP41 U	ME-ICP41 V	ME-ICP41 W	ME-ICP41 Zn
Sample Description	Units LOR	% 0.01	ррт 10	ppm 10	ppm 1	ppm 10	ppm 2
51111		<0.01	<10	<10	23	<10	18
51112		<0.01	<10	<10	39	<10	27
51113		0.11	<10	10	159	10	144
51114		0.04	<10	<10	147	<10	94
51115		<0.01	<10	<10	35	<10	1740
51116		<0.01	<10	<10	55	<10	577
51117		<0.01	<10	<10	55	<10	927
51118		0.08	<10	<10	185	<10	129
51119		0.09	<10	10	309	<10	219
51120		0.04	<10	<10	74	<10	135
51121		<0.01	<10	<10	13	<10	90
51122		<0.01	<10	<10	10	<10	29
51123		<0.01	<10	<10	14	<10	49
51124		0.01	<10	<10	28	<10	64
51125		0.01	<10	<10	51	<10	90
51126		0.01	<10	<10	41	<10	77
51127		0.06	<10	<10	110	<10	106
51128		0.06	<10	<10	90	<10	108
51129		<0.01	<10	<10	23	<10	63
51130		<0.01	<10	<10	11	<10	109
51131		<0.01	<10	<10	5	<10	51
51132		<0.01	<10	<10	96	<10	99
51133		<0.01	<10	<10	15	<10	91
51134		<0.01	<10	<10	8	<10	80
51135		<0.01	<10	<10	6	<10	114
51136		<0.01	<10	<10	8	<10	202
51137		<0.01	<10	<10	13	<10	117
51138		< 0.01	<10	<10	13	<10	134
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Page # : 1 Date : 17-Apr-2003 Account: RVB

CERTIFICATE TO03011451		SAMPLE PREPARATION					
	ALS CODE	DESCRIPTION					
Project : W. PORCUPINE 03-52 P.O. No: DF 03-52 This report is for 14 ROCK samples submitted to our lab in Mississauga, ON, Canada on 15-Apr-2003. The following have access to data associated with this certificate: BOB MIDDLETON BRUCE DURHAM DR E. STRASHIN	WEI-21 LOG-22 CRU-31 SPL-21 PUL-31	Received Sample Weight Sample login - Rcd w/o BarCode Fine crushing - 70% <2mm Split sample - riffle splitter Pulverize split to 85% <75 um	 ES				
GINO FALZONE	ALS CODE	DESCRIPTION	INSTRUMENT				
	Au-AA23 ME-ICP41	Au 30g FA-AA finish 34 Element Aqua Regia ICP-AES	AAS ICP-AES				

To: MAPLE MINERALS INC. ATTN: BOB MIDDLETON 402 - 905 W. PENDER ST. VANCOUVER BC V6C 1L6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:





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To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9 Page #: 2 - A Total # of pages : 2 (A - C) Date : 17-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-52

CERTIFICATE OF ANALYSIS

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 F <del>e</del> % 0.01
51139		2.90	0.108	0.5	3.21	35	<10	20	<0.5	<2	5.67	1.3	38	149	384	6.09
51140		0.98	1.515	1.3	2.13	63	<10	40	<0.5	11	5.02	0.8	28	97	174	5.10
51141		2.18	0.028	0.4	3.21	47	<10	10	<0.5	<2	7.47	1.5	35	180	81	5.91
51142		3.12	0.960	2.6	3.04	6	<10	20	<0.5	3	8.10	1.8	33	66	547	5.87
51143		1.37	0.415	1.5	2.54	27	<10	20	<0.5	4	5.63	3.0	27	3	244	6.26
51144		2.27	3.51	6.8	1.55	52	<10	30	<0.5	7	6.07	3.8	44	3	356	7.28
51145		3.42	0.005	0.5	4.14	13	<10	20	<0.5	4	5.51	2.0	39	65	100	8.14
51146		2.00	1.485	5.0	2.85	22	<10	30	<0.5	4	5.92	3.5	37	3	383	7.98
51147		2.11	0.789	2.9	2.05	29	<10	20	<0.5	6	5.97	2.0	42	3	213	7.82
51148		3.13	0.384	1.1	3.45	17	<10	30	<0.5	3	4.07	1.7	37	5	86	8.02
51149		2.65	4.19	11.2	3.03	31	<10	20	<0.5	17	6.36	20.5	36	3	145	8.38
51150		1.03	0.769	3.4	2.03	29	<10	30	<0.5	7	3.54	3.1	24	78	99	5.12
59224		2.13	0.553	2.3	3.56	20	<10	50	<0.5	<2	6.49	2.1	27	142	232	6.97
59225		3.33	0.179	0.4	0.53	4	<10	100	<0.5	<2	5.22	0.6	24	101	74	3.49



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Project : W. PORCUPINE 03-52

## CERTIFICATE OF ANALYSIS TO03011451

Sample Description	Method Anałyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
51139		<10	<1	0.14	<10	2.13	1065	5	0.02	78	240	4	1.02	5	12	50
51140		<10	<1	0.20	<10	1.43	875	4	0.02	53	250	8	2.57	5	10	48
51141		10	<1	0.05	<10	2.81	1500	6	0.02	79	160	8	0.34	6	26	77
51142		10	<1	0.17	<10	2.33	1165	1	0.01	57	190	61	1.54	6	14	83
51143		10	1	0.18	<10	1.71	980	<1	0.02	19	510	75	1.73	4	12	86
51144		<10	<1	0.21	<10	1.10	870	1	0.01	23	470	179	5.69	6	8	101
51145		10	1	0.08	<10	2.57	1255	2	0.03	35	620	5	0.29	6	30	73
51146		10	<1	0.21	<10	1.64	976	1	0.02	24	490	125	2.75	5	16	101
51147		10	<1	0.17	<10	1.20	1075	2 '	0.02	23	470	67	4.77	6	14	89
51148		10	<1	0.10	<10	2.06	1060	1	0.04	25	540	10	1.62	5	21	45
51149		10	<1	0.20	<10	1.84	1125	<1	0.04	23	420	1645	2.90	7	22	80
51150		10	<1	0.18	10	1.40	786	1	0.04	38	980	182	2.33	7	6	81
59224		10	<1	0.14	<10	2.49	1395	1	0.02	64	910	51	1.93	2	14	118
59225		<10	<1	0.16	<10	2.64	847	3	0.02	121	440	2	0.48	<2	8	130



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Page #: 2 - C Total # of pages : 2 (A - C) Date : 17-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-52

**CERTIFICATE OF ANALYSIS** 

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
51139		0.01	<10	<10	103	<10	81
51140		0.01	<10	<10	66	<10	65
51141		0.01	<10	10	166	<10	76
51142		0.08	<10	<10	109	10	163
51143		0.08	<10	10	139	<10	349
		0.00	- 10	10	100		
51144		0.04	<10	<10	86	<10	371
51145		0.13	<10	<10	339	10	117
51146		0.08	<10	<10	194	10	327
51147		0.08	<10	<10	177	10	131
51148		0.12	<10	10	303	10	118
51140		0.10	<10	<10	255	<10	1075
51149		0.10	<10 -10	N10	200	<10 <10	19/5
51150		0.02	<10	<10	4/	<10	306
59224		0.11	<10	<10	90	10	184
59225		<0.01	<10	<10	42	<10	66
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CERTIFICATE TO03011452	SAMPLE PREPARATION					
	ALS CODE	DESCRIPTION				
Project : W. PORCUPINE 03-53 P.O. No: DF 03-53 This report is for 40 ROCK samples submitted to our lab in Mississauga, ON, Canada on 15-Apr-2003. The following have access to data associated with this certificate: BOB MIDDLETON BRUCE DURBAN	WEI-21 LOG-22 CRU-31 SPL-21 PUL-31	Received Sample Weight Sample login - Rcd w/o BarCode Fine crushing - 70% <2mm Split sample - riffle splitter Pulverize split to 85% <75 um				
DR. E. STRASHIN GINO FALZONE	ALS CODE	DESCRIPTION	INSTRUMENT			
	Au-AA23 ME-ICP41	Au 30g FA-AA finish 34 Element Aqua Regia ICP-AES	AAS ICP-AES			

To: MAPLE MINERALS INC. ATTN: BOB MIDDLETON 402 - 905 W. PENDER ST. VANCOUVER BC V6C 1L6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Project : W. PORCUPINE 03-53

CERTIFICATE OF ANALYSIS

S TO03011452

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Ai % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
59226		3.27	0.014	0.3	1.92	9	<10	30	<0.5	2	3.10	<0.5	26	423	91	3.62
59227		3.73	<0.005	<0.2	1.57	<2	<10	100	<0.5	3	3.06	<0.5	32	886	89	2.98
59228		3.47	<0.005	0.3	2.31	<2	<10	50	<0.5	8	4.75	0.8	42	1205	143	4.48
59229		3.41	<0.005	<0.2	2.19	<2	<10	30	<0.5	5	3.62	<0.5	34	889	58	3.44
59230		2.32	<0.005	<0.2	0.82	<2	<10	610	<0.5	5	2.00	<0.5	9	120	55	1.34
59231		2.23	0.013	0.5	2.36	<2	<10	20	<0.5	5	3.61	1.1	40	7	174	7.69
59232		3.89	0.009	0.2	2.56	<2	<10	40	<0.5	6	4.18	2.1	33	7	176	8.59
59233		2.78	0.012	0.7	3.93	19	<10	<10	<0.5	5	4.55	1.4	39	97	129	6.58
59234		1,28	1.710	9.9	1.82	22	<10	40	<0.5	117	5.59	3.5	54	56	2010	7.36
59235		2.63	0.060	0.5	3.90	7	<10	10	<0.5	3	3.83	1.2	39	108	205	7.43
59236	. <u> </u>	3.67	0.010	0.2	1.47	5	<10	20	<0.5	<2	1.07	<0.5	20	43	180	3.33
59237		2.24	<0.005	0.4	4.33	<2	<10	<10	<0.5	<2	5.99	1.4	37	120	52	6.58
59238		2.55	0.570	3.8	3.09	22	<10	20	<0.5	29	7.65	1.3	35	70	1150	6.48
59239		2.28	0.023	0.8	3.89	17	<10	20	<0.5	4	5.95	1.1	35	97	337	6.62
59240		1.86	0.054	0.6	3.73	<2	<10	10	<0.5	3	6.65	1.2	32	98	163	6.12
59241		2.26	0.529	2.3	1.96	11	<10	20	<0.5	19	5.58	1.1	34	41	550	5.64
59242		2.09	1.915	3.6	2.39	39	<10	10	<0.5	17	5.86	1.4	38	49	146	7.25
59243		3.83	0.010	0.4	3.56	4	<10	20	<0.5	<2	6.32	1.3	41	89	234	6.07
59244		3.55	0.021	0.3	3.70	4	<10	20	<0.5	8	6.28	1.6	36	53	121	7.38
59245		3.65	0.079	2.5	3.16	9	<10	20	<0.5	9	5.97	1.7	38	35	369	7.33
59246		4.10	0.031	0.8	2.05	11	<10	20	<0.5	4	6.05	1.3	38	40	335	6.21
59247		3.02	<0.005	<0.2	3.83	6	<10	30	<0.5	<2	3.85	2.6	39	3	74	10.50
59248		3.16	0.060	0.7	1.89	11	<10	30	<0.5	5	5.94	1.7	41	2	233	7.34
59249		2.47	0.175	1.7	1.97	9	<10	30	<0.5	12	4.76	2.1	42	2	582	7.97
59250		4.32	0.309	0.9	1.32	6	<10	40	<0.5	3	4.50	1.1	32	6	266	5.52
59360		3.63	0.430	1.4	2.21	10	<10	30	<0.5	9	4.72	1.7	34	3	233	6.85
59361		3.60	0.256	1.0	2.36	18	<10	30	<0.5	7	4.69	1.6	43	3	306	7.81
59362		3.71	0.053	1.3	2.91	6	<10	20	<0.5	4	4.64	2.0	41	47	240	7.57
59363		3.87	0.053	1.1	1.58	14	<10	30	<0.5	<2	4.70	0.9	24	58	393	4.18
59364		3.60	0.008	0.2	3.29	12	<10	20	<0.5	4	5.35	1.4	29	157	80	6.07
59365		3.62	0.094	0.6	3.73	20	<10	20	<0.5	6	4.65	1.4	30	148	129	6.45
59366		3.50	0.061	1.3	3.71	31	<10	20	<0.5	6	5.02	1.5	32	158	347	6.58
59367		3.55	0.016	0.4	3.86	16	<10	20	<0.5	5	5.19	1.5	29	154	115	6.81
59368		3.72	0.028	0.4	4.52	39	<10	20	<0.5	11	3.86	3.2	38	181	165	9.15
59369		3.93	0.044	0.5	4.53	28	<10	20	<0.5	8	4.39	2.5	33	168	171	8.72
59370		1.48	0.068	0.5	4.06	32	<10	20	<0.5	<2	6.26	2.6	35	153	154	7.76
59371		2.47	0.055	1.1	1.34	13	<10	70	<0.5	7	4.50	0.7	21	20	212	3.10
59372		3.76	0.009	<0.2	1.25	14	<10	90	<0.5	8	4.16	<0.5	19	47	36	3.20
59373		3.85	0.024	0.2	1.50	6	<10	90	<0.5	4	3.19	0.5	17	6	115	2.37
59374		2.17	0.651	1.0	2.12	10	<10	30	<0.5	8	4.93	1.0	30	3	194	6.39



ALS Canada Ltd.

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212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9 Page #: 2 - B Total # of pages : 2 (A - C) Date : 21-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-53

CERTIFICATE OF ANALYSIS

S TO03011452

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
59226		<10	<1	0.01	<10	4.68	513	10	0.04	185	900	4	0.80	2	9	144
59227		<10	<1	0.01	<10	4.99	632	31	0.03	354	260	5	0.20	3	10	128
59228		<10	<1	0.01	<10	6.84	1020	5	<0.01	414	280	4	0.21	4	17	172
59229		<10	2	0.01	<10	5.39	711	8	0.05	349	250	2	0.13	6	13	141
59230		<10	<1	0.01	<10	2.14	332	34	0.18	63	250	<2	0.08	<2	3	134
59231		10	<1	0.18	<10	2.26	1155	10	0.02	25	480	<2	1.39	5	9	52
59232		10	<1	0.18	<10	2.69	1655	9	0.01	28	510	<2	0.59	3	9	62
59233		<10	<1	0.02	<10	3.04	1475	1	0.01	74	220	<2	0.19	2	8	29
59234		<10	<1	0.12	<10	1.48	952	7 ·	0.02	50	160	9	5.41	5	8	18
59235		10	<1	0.04	<10	3.12	1565	1	0.02	76	210	2	0.66	<2	8	19
59236		<10	<1	0.05	<10	1.12	505	2	0.07	35	200	3	0.79	3	5	30
59237		10	<1	0.03	<10	3.30	1275	<1	0.03	65	230	3	0.07	2	35	80
59238		<10	<1	0.12	<10	2.54	1400	1	0.01	58	180	26	3.04	5	12	99
59239		10	<1	0.09	<10	2.81	1170	1	0.03	65	190	4	0.73	2	22	72
59240		10	<1	0.11	<10	2.54	1290	1	0.03	57	190	2	0.50	4	20	81
59241		<10	1	0.24	<10	1.88	1230	2	0.01	61	180	7	2.89	7	9	79
59242		<10	<1	0.17	<10	1.80	1215	5	0.01	56	160	6	4.10	3	9	102
59243		10	3	0.16	<10	2.34	1230	2	0.02	76	190	2	0.58	<2	14	100
59244		10	<1	0.15	<10	2.96	1300	4	0.01	60	280	2	0.67	<2	16	97
59245		10	<1	0.16	<10	2.37	1515	3	0.01	57	430	2	1.98	5	15	88
59246		<10	<1	0.20	<10	2.70	1540	2	0.02	65	590	3	1.25	7	8	129
59247		10	<1	0.13	<10	2.30	2060	1	0.01	27	540	<2	0.31	6	19	93
59248		<10	<1	0.19	<10	2.24	1660	1	0.02	28	520	2	1.55	6	9	119
59249		10	<1	0.23	<10	2.08	1610	1	0.03	24	520	4	2.80	7	11	132
59250		<10	1	0.27	10	1.48	1255	2	0.04	19	850	5	2.01	3	6	124
59360		10	1	0.20	<10	1.69	1350	2	0.03	20	650	10	1.96	4	14	113
59361		10	1	0.19	<10	1.97	1550	1	0.03	25	470	7	2.66	5	14	99
59362		10	<1	0.13	<10	2.57	1500	1	0.03	46	700	14	1.24	5	16	93
59363		<10	<1	0.24	<10	1.74	1220	1	0.04	44	1400	3	0.61	<2	6	97
59364		10	<1	0.13	<10	2.19	1225	1	0.04	67	980	6	0.44	8	11	125
59365		10	1	0.14	<10	2.75	1080	1	0.02	72	760	4	1.10	5	11	100
59366		10	1	0.11	<10	2.89	1205	2	0.02	90	790	10	1.51	7	9	116
59367		10	<1	0.11	<10	2.65	1100	1	0.01	76	770	5	0.97	4	11	133
59368		10	<1	0.07	<10	3.08	953	2	0.02	91	780	3	2.78	4	14	91
59369		10	1	0.09	<10	3.17	1075	1	0.01	85	810	2	2.33	7	11	96
59370		10	1	0.09	<10	2.89	1380	2	0.01	86	760	4	2.23	6	10	125
59371		<10	1	0.32	10	1.30	850	2	0.03	60	1040	5	1.14	<2	2	197
59372		<10	2	0.22	20	1.87	840	1	0.05	85	1710	8	1.02	3	2	223
59373		<10	<1	0.33	10	0.71	438	3	0.04	36	630	3	0.32	3	2	158
59374		10	<1	0.18	<10	1.77	1425	1	0.06	29	470	2	0.94	8	11	104



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## ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 To: MAPLE MINERALS INC. 130 KING ST. W., STE. 2810 P.O. BOX 47 TORONTO ON M5X 1A9 Page #: 2 - C Total # of pages : 2 (A - C) Date : 21-Apr-2003 Account: RVB

Project : W. PORCUPINE 03-53

CERTIFICATE OF ANALYSIS TO03

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
59226		0.01	<10	<10	62	<10	52
59227		<0.01	<10	<10	56	<10	30
59228		<0.01	<10	<10	93	<10	31
59229		<0.01	<10	<10	75	<10	25
59230		<0.01	<10	<10	12	<10	9
59231		0.01	<10	10	125	<10	91
59232		0.01	<10	<10	144	<10	104
59233		0.22	<10	<10	133	<10	109
59234		0.08	<10	<10	88	10	227
59235		0.17	<10	10	178	<10	152
59236		0.12	<10	<10	67	<10	36
59237		0.09	<10	<10	239	<10	84
59238		0.01	<10	<10	107	<10	130
59239		0.01	<10	<10	172	<10	96
59240		0.02	<10	<10	167	<10	115
59241		0.01	<10	<10	63	<10	151
59242		0.01	<10	<10	72	<10	65
59243		0.01	<10	<10	121	<10	79
50244		0.01	<10	<10	133	<10	101
59245		0.01	<10	<10	136	10	102
50246		0.01	<10	<10		<10	107
50240		0.01	<10	<10 <10	71	> IU ~40	114
59247		0.09	<10	<10	230	<10	111
59248		0.05	<10	<10	104	<10	112
59249		0.05	<10	<10	118	<10	188
59250		0.03	<10	<10	55	<10	103
59360		0.04	<10	<10	142	<10	256
59361		0.05	<10	10	153	<10	216
59362		0.05	<10	<10	183	<10	277
59363		0.04	<10	<10	31	<10	132
59364		0.04	<10	<10	80	<10	146
59365		0.02	<10	<10	92	<10	188
59366		0.02	<10	<10	82	<10	183
59367		0.05	<10	<10	84	<10	194
59368		0.04	<10	10	112	<10	272
59369		0.04	<10	<10	91	<10	291
53553		0.00					201
59370		0.02	<10	<10	81	<10	274
59371		0.01	<10	<10	14	<10	151
59372		0.01	<10	<10	16	<10	118
59373		0.02	<10	<10	15	<10	106
		-					



42A04NW2006 2.25945 SEWELL

900



MINISTRY OF NORTHERN DEVELOPMENT AND MINES

## Work Report Summary

Transaction No:	W0360.01131	Status:	APPROVED
Recording Date:	2003-JUN-20	Work Done from:	2003-MAR-21
Approval Date:	2003-JUL-10	to:	2003-APR-04
Client(s):			

137052 MAPLE MINERALS CORP.

137526

CANADIAN GOLDEN DRAGON RESOURCES LTD.

#### Survey Type(s):

PDRILL ASSAY Work Report Details: Perform Applied Assign Reserve Approve Approve Approve Approve Claim# Perform Applied Assign Reserve Due Date Ρ 878419 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ 893527 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ 0 \$0 \$0 2004-AUG-18 893528 \$0 \$0 \$400 \$400 \$0 Ρ 893529 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ \$400 0 \$0 2004-AUG-15 901327 \$0 \$0 \$400 \$0 \$0 Р 0 \$0 \$0 \$400 \$400 \$0 \$0 \$0 2004-AUG-15 901333 Ρ 901334 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-15 Ρ \$400 0 \$0 \$0 2004-AUG-15 901335 \$0 \$0 \$400 \$0 Р 0 921399 \$0 \$0 \$400 \$400 \$0 \$0 \$0 2004-AUG-18 \$0 2004-AUG-18 Ρ 921400 \$0 \$0 \$400 \$400 \$0 0 \$0 Ρ 929611 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-19 Р 0 929612 \$0 \$0 \$400 \$400 \$0 \$0 \$0 2004-AUG-19 Ρ 933528 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ \$400 0 \$0 2004-AUG-18 933545 \$0 \$0 \$400 \$0 \$0 Ρ \$0 \$400 \$0 0 \$0 \$0 2004-AUG-18 933562 \$0 \$400 Ρ 933563 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 \$0 \$0 2004-AUG-18 Ρ 933565 \$0 \$0 \$400 \$400 \$0 0 Ρ \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 933566 \$0 2004-AUG-18 Ρ 933567 \$0 \$0 \$400 \$400 \$0 0 \$0 Ρ 933568 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 р \$400 0 \$0 \$0 2004-AUG-18 \$0 \$0 \$400 \$0 933569 Ρ \$400 0 \$0 \$0 2004-AUG-18 933570 \$0 \$0 \$400 \$0 Ρ \$0 \$400 \$0 0 \$0 \$0 2004-AUG-18 933572 \$0 \$400 Р \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 933573 \$0 \$0 \$0 2004-AUG-18 Ρ \$400 \$0 0 \$0 933574 \$0 \$0 \$400 Ρ 933575 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 933576 \$0 \$0 \$0 \$0 2004-AUG-25 Ρ 947100 \$0 \$0 \$400 \$400 \$0 0 Ρ 947131 \$0 \$0 \$400 \$400 \$0 0 \$0 \$0 2004-AUG-18 Ρ \$31,753 \$400 \$23,600 23,600 \$7,753 \$7,753 2006-APR-05 1177124 \$31,753 \$400 Ρ 3000695 \$0 \$0 \$3,600 \$3,600 \$0 0 \$0 \$0 2005-APR-10 Ρ \$0 \$0 2005-APR-10 3000696 \$0 \$0 \$3,600 \$3,600 \$0 0

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\$23,600

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\$23,600

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\$0 2005-APR-10

\$7,753



## Work Report Summary

Transaction No:	W0360.01131	Status:	APPROVED
Recording Date:	2003-JUN-20	Work Done from:	2003-MAR-21
Approval Date:	2003-JUL-10	to:	2003-APR-04
External Credits:	\$0		
Reserve:	\$7,753	Reserve of Work Report#: W0360.01	131
	\$7,753	Total Remaining	

Status of claim is based on information currently on record.

Ministry of Northern Development and Mines

Date: 2003-JUL-11

Ministère du Développement du Nord et des Mines



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

MAPLE MINERALS CORP. THE EXCHANGE TOWER, 130 KING STREET SUITE 2810 TORONTO, ONTARIO M5X 1A9 CANADA

Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.25945 Transaction Number(s): W0360.01131

Dear Sir or Madam

#### Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

1 C GAN.

Ron Gashinski Senior Manager, Mining Lands Section

Cc: Resident Geologist

Maple Minerals Corp. (Claim Holder)

Canadian Golden Dragon Resources Ltd. (Claim Holder)

Assessment File Library

Maple Minerals Corp. (Assessment Office)

Robert Stuart Middleton (Agent)



200



## UTM Zone 17 5000m grid

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various ecuroes. Completencess and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

General Information and Limitations

 General Information:
 Toil Free
 Map Datum: NAD 83

 Contact Information:
 Toil Free
 Map Datum: NAD 83

 Provindal Mining Recorders' Office
 Tel: 1 (888) 415-9845 ext 579tbjection: UTM (6 dagree)

 Willef Green Miller Centre 933 Ramsey Lake Road
 Fax: 1 (877) 670-1444
 Topographic Data Source: Land Information Ontario

 Sudbury ON PSE 885
 Mining Land Tenure Source: Provincial Mining Recorders' Office
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in fand including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining cleims may not be illustrated.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web atte.

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## NAD 83 5 degree grid

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

General Information and Limitation

 Contact Information
 Toll Free
 Map Datum: NAD 83

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 Toll Free
 Map Datum: NAD 83

 Provincial Mining Recorders' Office
 Tel: 1 (868) 415-9845 ext 57#bjection: Geographic Coordinates

 Willet Green Miller Centre 933 Ramsey Lake Road
 Fax: 1 (877) 670-1444
 Topographic Data Source: Land Information Ontario

 Sudbury ON P3E 685
 Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpge.htm
 Mining Land Tenure Source: Provincial Mining Recorders' Office

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

