# ASSESMENT WORK REPORT of work done on PIPESTONE SOUTH PROPERTY RED LAKE MINING DIVISION, NW ONTARIO

for

**REDSTAR GOLD CORPORATION** 

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# 1.0 SUMMARY

Redstar Gold Corporation of # 611-675 West Hasings Street Vancouver, BC. V6B 1N2 has options to earn an interest in 15 unpatented claim consisting of 60 units known as the Pipestone South Property. This property is part of a larger land package optioned from Rubicon Minerals Corporation. The work was carried out by Pamicon Developments on behalf of Redstar Gold Corporation and consisted of geological mapping, sampling.

The property is located approximately 30km west of the town of Red Lake Ontario, on the north shore of Red Lake in Pipestone Bay. The property is accessed by boat directly from the town of Red Lake.

The Pipestone South and Pipestone North claim groups are underlain by felsic and mafic to ultramafic volcanic rocks and chemical sediments (including marble and iron-formation) of the Ball assemblage (Figure 6). These are intruded by a large peridotite body of unknown age, which underlies most of Pipestone Bay. The Douglas Lake pluton (2734 Ma) intrude stratigraphy in the southwest corner of the property.

Northwest trending, bedding parallel deformation is documented by Pamicon and Hemlo Gold Mines Ltd. (Harper, 1994), and is similar in style to the heterogeneous strain zones associated with the major gold producers in the camp.

Historical gold mineralization has been documented at the Miles Red Lake Mine, approximately 100m Northwest of KRL 1184918 and in a trench sampled by Hemlo Gold Mines located 300m East of KRL 1184918. Both of these occurrences are within the deformation zone documented by Hemlo Gold Mines Ltd. (Harper, 1994). Pamicon has discovered sulphides mineralization in quartz veins on claim KRL 1184918 also located within the deformation zone. Assays for these samples are pending. In addition, sulphides bearing quartz veins have been discovered in bedded Felsic crystal tuffs in the Northwestern portion of the property on claim KRL 1239678.

## 2.0 TERMS OF REFERENCE

Pamicon Developments Ltd. of Vancouver BC, was contracted by Redstar Gold Corporation to complete work on Redstar's land holding in the Red Lake Camp during the summer of 2002. Initial work consisted of data compilation and review followed by a field program.

A base of operations was established in Red Lake ON where field mapping and sampling was carried out by three field geologist and two prospectors.

Rock samples were analyzed for Gold by fire assay, ICP analysis by Multi Acid Digestion and whole rock analysis by XRF at Chemex Labs facilites in Thunderbay ON and Vancouver BC.

# 3.0 PROPERTY LOCATION AND PHYSIOGRAPHY

The property is located in Northwestern Ontario, approximately 31km west of the town of Red Lake Ontario, on the north shore of Red Lake in Pipestone Bay. The property is accessed by boat and via the Pine Ridge logging road directly from the town of Red Lake. (Figure 1.)

Physiography and topography are typical of glaciated Precambrian areas. Dominant landforms are rounded rocky ridges and hills, interspersed with low ground. The hills and ridges are generally elongated parallel to the strike direction of the underlying bedrock.

## **4.0 PROPERTY DESCRIPTION**

The Pipestone North property comprises 15 unpatented mining claims (mining rights only) consisting of 60 claim units. The claim on which work was performed pertaining to this report is summarized in Table 4.1. A property map is shown in Figure 2

				Date
Property	Claim	Township	Units	recorded
Pipestone South	KRL1184917	Ball	3	10-Feb-00
Pipestone South	KRL1184918	Ball	6	7-Feb-00
Pipestone South	KRL1184919	Ball	9	10-Feb-00
Pipestone South	KRL1184921	Ball	5	7-Feb-00
Pipestone South	KRL1184922	Ball	1	17-Feb-00
Pipestone South	KRL1184923	Ball	4	17-Feb-00
Pipestone South	KRL1184924	Ball	1	17-Feb-00
Pipestone South	KRL1184925	Ball	8	17-Feb-00
Pipestone South	KRL1184926	Ball	2	17-Feb-00
Pipestone South	KRL1234037	Ball	3	18-Jun-99
Pipestone South	KRL1234038	Ball	1	18-Jun-99
Pipestone South	KRL1234085	Ball	1	18-Jun-99
Pipestone South	KRL1234086	Ball	4	18-Jun-99
Pipestone South	KRL1239677	Indian House Lake	2	25-Jul-00
Pipestone South	KRL1239678	Ball	10	25-Jul-00
TOTALS:			60	

Table 4.1

## **5.0 PREVIOUS WORK**

A search of assessment data filed with the MNDM indicates a variety of exploration work conducted on the Pipestone South claim group since 1950, including geological mapping, prospecting, geophysical surveys, geochemical surveys, and diamond drilling. The property is located a few hundred metres from prospects that had underground development work in the 1930s and 40s, and it is highly probable that some exploration was conducted on the Pipestone South claim group prior to 1950 (the earliest record of exploration in the MNDM assessment files). An annotated summary of previous work on the claim group is provided in Table 2. Details of the more significant exploration programs are provided below in chronological order.

The central part of the property (claims KRL 1184925 and KRL 1184924) was worked by Stupack and Johnson, who drilled 36 shallow drill holes over a 14-year period (1950-1964). Drill holes intersected several quartz veins with pyrite, chalcopyrite, and lesser galena and sphalerite mineralization, including one 16 ft (4.9 m) intersection of chalcopyrite and galena bearing quartz vein (true width unknown). No assays are reported for any of the 36 drill holes.

Cochenour Explorations Ltd explored the far northwest portion of the claim group (claims KRL1239677 and KRL1239678) in the mid- to late-1960s for base metal mineralization. Three drill holes targeted EM anomalies, which were explained by sulphidic iron-formation intersected in drill core. No significant assays are reported.

The east end of the claim group (claims KRL123408, KRL1234086, KRL1184917, KRL1184919), was explored by Shane Resources Ltd. in the late 1980s, during a humus sampling and prospecting program centered on the West Red Lake gold prospect (located 1.5 km east of the Property). Several gold in humus anomalies are reported but their location is unknown, as the maps associated with the assessment report could not be found.

Noramco conducted an IP/Resistivity survey over the central part of the claim group in 1987 (claims KRL1184925, KRL1184924 and KRL1184923). The survey covered prospective stratigraphy northwest of the Miles Red Lake prospect and several chargeability anomalies were defined, but no follow-up work is reported.

Hemlo Gold Mines Ltd. explored the central portion of the Pipestone South claim group (claims KRL1184921 and KRL1184918) in 1994, conducting geological mapping, prospecting, and ground magnetic surveys. Hemlo defined an approximately 2300 m long, 800 m wide, west-northwest trending deformation zone that extends across claim KRL1184918 between the headframe at the Miles Red Lake prospect (located 100 m north of claim KRL1184918) and the high-grade Hemlo South Zone gold occurrence (up to 237 g/t from grab samples; Harper, 1994) located 400 m east of claim KRL1184918. A program of IP and VLF surveys, and 8 diamond drill holes (1000 m) was recommended; however, no record of this work exists in the assessment files.

The most recent work on the property includes prospecting and a detailed helimag survey by Rubicon Minerals Corporation in 2001 (continuous sampling along 50 m spaced lines, using a towed-bird vertical magnetic gradiometer system). The high-resolution magnetic data is highly effective at mapping rock types and structure, and defined several targets that require follow-up.

Year	Company	Work Done	Area of Property
2000-	Rubicon Minerals	airborne magnetic survey	entire Pipestone
2001	Corporation	(continuous sampling along 50 m spaced lines); prospecting and mapping	South claim group
1994	Hemlo Gold	magnetic survey (stations every	KRL1184921
	Mines Ltd.	12.5 m on 100 m spaced lines); mapping and prospecting	KRL1184918
1987	Noramco	IP/Resistivity survey (pole-	KRL1184925
	Explorations Ltd.	dipole array with 25 m spacing,	KRL1184924
	•	for a total of 30 line km)	KRL1184923
1987	Shane Resources	Humus sampling (1823	KRL1234085
	Ltd.	samples);	KRL1234086
		VLF-EM and magnetic surveys	KRL1184917
			KRL1184919
1975	Selco Explorations	EM and magnetic survey;	KRL1184923
	Ltd.	drilling, 1 hole (100 m)	
1974	William Stupack	drilling, 1 hole (38 m)	KRL1184925
1969	Cochenour	geological mapping and soil	KRL1239677
	Explorations Ltd.	sampling (1150 samples);	KRL1239678
	•	ground EM survey	
1966	Cochenour	drilling, 3 holes (111 m)	KRL1239678
	Explorations Ltd.	-	
1950-64	Stupack and	drilling, 36 holes (1395)	KRL1184925
	Johnson		KRL1184924
1930-	various companies	prospecting and trenching	
1950	and prospectors	(no data in MNDM files)	

Table 2. Previous work on Pipestone South claim group, West Red Lake Property.

## 6.0 REGIONAL GEOLOGY

## 6.1 Stratigraphy

The Red Lake gold camp is situated in the Red Lake greenstone belt, an accumulation of Archean-age metavolcanic, metasedimentary and intrusive rocks comprising a portion of the Uchi Province of the Canadian Precambrian Shield. (Figure 3)

The Red Lake district is underlain by Mesoarchean rocks that have been subdivided into three assemblages (Sandborn-Barrie *et al.*, 1999): Balmer, Ball and Bruce Channel. Neoarchean strata of the 2.75-2.73 Ga. Confederation assemblage overlie these older assemblages. The contact between Balmer and Confederation, exposed in a number of localities, thus represents a 200 Ma time span. Both Meso- and Neoarchean sequences are intruded by diorite to granodiorite stocks such as the Dome stock which has been dated at 2718 + 1 Ma.

Balmer assemblage rocks host all of the major gold mines in the camp but it is important to note that 1.6 M. ounces of gold has been extracted from intrusive hosted deposits. The Balmer assemblage consists of mafic to ultramafic flows (including komatiites) and intrusives, minor felsic and interflow sedimentary rock types. Age dates from Balmer assemblage felsic rocks range from 2992 to 2964 Ma. (Corfu and Andrews, 1987).

Ball assemblage rocks underlie much of the western part of the district and consist of ultramafic to mafic flows, intermediate volcaniclastics and massive to spherulitic rhyolites. Chemical sedimentary rocks (iron formations) also characterize Ball assemblage rocks and include stromatolites (Hofmann *et al.*, 1985). The latter are bracketed by felsic rocks that are dated between 2940 Ma and 2925 Ma.

Bruce Channel assemblage rocks, as currently defined, are confined to the eastern part of the belt and comprise intermediate volcaniclastics and clastic rocks ( $2894 \pm 1.5$  Ma). A distinctive magnetite bearing iron formation occurs at the top of the assemblage and forms a key marker horizon.

Confederation rocks comprise intermediate to felsic flows, volcaniclastic and metasedimentary rocks. Age dates for this assemblage range from 2748 +/- 15 Ma to 2733 +/- 1Ma.

Granitoid rocks were intruded in three main episodes:

- 1) The 2734 +/- 2Ma Douglas Lake pluton, the 2731 +/- 3Ma (Little Vermilion Lake batholith) and 2729 +/- 1.5 Ma Red Crest stock.
- 2) The 2717 +/-2 Ma Hammell Lake pluton, The McKenzie Island stock (2720 +/-2Ma), the Dome Stock 2718 +/-1Ma, the 2720 +7/-5 Ma Abino granodiorite and late QFP dykes at the Campbell Mine, dated at 2714 +/-4 Ma.
- 3) Intrusion of the Killala Kspar megacrystic Killala-Baird granodiorite at 2704 +/- 1.5 Ma, the 2699 Walsh Lake pluton and a 2699 +-4Ma dyke at the Madsen Mine.

## 6.2 Regional Structure

At least two major deformation events have affected the rocks of the belt resulting in the generation of type 2 interference fold structures on all scales. Overall strain in the belt

is low, however, local high strain zones do occur, typically in areas of strong alteration with locally associated gold mineralization. Previous workers identified five major shear or deformation zones within which major gold deposits of the camp occur. Recent work (Sandborn-Barrie *et al., op. cit)* has questioned the validity and usefulness of the deformation zone concept in the camp.

## 6.3 Metamorphism

Supracrustal rocks in the area have been regionally metamorphosed to greenschist facies with higher-grade contact metamorphic aureoles around the major felsic intrusions. No genetic or spatial relationship between regional metamorphic facies and gold deposition has been established.

## 6.4 Hydrothermal Alteration

A pervasive and often intense carbonate hydrothermal alteration event is superimposed on the deformation zones and appears to have had its greatest affect on mafic and ultramafic rocks. Primary minerals of the altered rocks have been converted to quartz, carbonate, epidote, plagioclase, chlorite and sericite (fuchsite and talc in the ultramafics).

## 6.5 Red Lake Gold Deposits

Gold occurs in the free state or with pyrite, pyrrhotite and arsenopyrite and lesser amounts of magnetite, chalcopyrite, sphalerite, galena and sulph-arsenides in quartzankerite and/or 'cherty' quartz veins, stockworks, lenses, stringers and silicified zones. In rare instances, scheelite is reported (Ferguson, 1966).

Silicification and carbonatization, together with very anomalous K-enrichment and Na + Ca (minor Mg)-depletion, occur in the alteration aureoles surrounding ore zones (Andrews and Wallace, op. cit.). One important aspect, particularly with respect to exploration, is the presence of geochemically elevated Au and As in the alteration aureoles (Durocher, 1983).

Andrews and Wallace (1983) point out that most of the productive areas of the Red Lake camp are underlain by tholeiitic to komatiitic mafic and ultramafic volcanics, and that past and present production zones occur within highly altered metavolcanics at or near the stratigraphic top of the Balmer sequence.

## 7.0 PROPERTY GEOLOGY

The Pipestone South caim groups is underlain by felsic and mafic to ultramafic volcanic rocks and chemical sediments (including marble and iron-formation) of the Ball

assemblage (Figure 4). These are intruded by a large peridotite body of unknown age, which underlies most of Pipestone Bay. The Douglas Lake pluton (2734 Ma) intrudes stratigraphy in the southwest corner of the property.

Stratigraphy on the Pipestone South claim group strikes northwest, and appears to be folded about a series of tight to isoclinal  $D_1(?)$  folds with weak to strongly developed axial planar cleavage. (Ontario Department of Mines Map 2265, Geology of Ball Twp; R.A. Riley, 1975).

East and north to northeast trending faults, interpreted from detailed magnetic data, cut stratigraphy in the Pipestone South claim group and locally parallel gold bearing quartz veins located on adjoining claims. Northwest trending, bedding parallel deformation is documented by Hemlo Gold Mines Ltd. (Harper, 1994), and is similar in style to the heterogeneous strain zones associated with the major gold producers in the camp (reffered to as the Hemlo Deformation Zone or HDZ). A northwest trending high strain zone has been traced for over two kilometers in the northwest portion of the claim group. (labeled "High strain zone" on Figure 4). Three stages of deformations were identified within the zone. Nothwest trending tight isolclinal foldes are defined by a folded foliation. This foliation is later kinked. Further work is needed to fully define the orientation of the kinking. The high strain zone appears to follow the contact between felsic crystal tuffs and mafic volcanics. A narrow talc schist unit has been noted within the zone. (See Figure 4.)

Isolated outcrops of talc schist were identified on the southern portion of the claim group. Further work is needed to determine their extent and significance.

# 8.0 SUMMARY OF WORK

Between June 28, 2002 and July 20, 2002, a total of 31 man days were spent conducting geological mapping, prospecting and sampling. A total of 35 samples were collected for Gold, whole rock and ICP analysis. (See Figures 5,6,7) 28 samples were collected as character samples for geological descriptions. Sample descriptions are summarized in table 8.1 During this phase of reconnaissance mapping and sampling, an outcrop map was not created due to time constraints. Structural measurements were collected on all veins, bedding, folds and foliations planes where apparent. An effort was made to concentrate on sampling and mapping within the Hemlo Deformation Zone or HDZ (figure4)

Sample	Northing	Easting	Rocktype	Description
385501	5655752	412327	Maf-Um	dark green, variolitic basalt in OC next to this one. strong foliation in variolitic basalt « S1 90.00-20.00°»,« tr cpy ».
385508	5655861	411643	Maf Vol - UM?	Outcrop appears to have two distinct fabrics (foliation and cleavage?) Fabric # 1« fol 80.00-40.00°», fabric #

Sample	Northing	Easting	Rocktype	Description
				2« fol 60.00-63.00°». 40-50% mafic mienrals. Sample contains pieces of 2cm white Q vein parralel to fabric # 2. Fabric # 2 appears to crosscut fabric 1 although is not pentrative into stronger areas of fabric 1. Occasional fe-cb veining.
385509	5655868	411652	Contact zone	Contact zone between maf volcanics to the west and QXL R LT to the east. Contact is approx. 30cm wide with« str-int fol 62.00-65.00°». str Fe staining, str lim, MnOx? « str sil » in minor patches. « tr cpy », « tr py », Some "supergene" textures in gossanous zones. Could be a fault contact. Contact is 155/62N. « CT 62.00- 65.00°» NOTE: contact is foliation parallel.
385510	5655858	411653	QXI R T-LT	Felsic tuff. 2-5% 2-4 mm QXI, blue grey color.
385511	5656030	411625	Q Vein	Bull Q vein trending 045/90« qvein 90.00-135.00°» Vein is crosscutting foliation and is 12-15cm wide x 1.5 m long. A few parallel veinlets up to 2cm wide in outcrop. « tr cpy » ,« tr py ». Note fine black mineral?
385512	5655991	411405	O Vein	Ovein in volcanic rock or RS004
385513	5655979	411340	Maf Vol?	Sample 632442 was previously taken at this location (2 years ago?)
				Sample is of quartz veining with« tr py »,« str fol 70.00- 45.00°», warping of foliation at« F1 85.00-40.00°». strongly warped in places. str-int silicification of wall rock. (May be off the claim).
385514	5659072	408308	((fQXI)) R T	very fg, foliation parallel sulphide Vein« fol 78.00- 24.00°». @ 58km mark on road. oc has thinly bedded ? xtal tuff with coarser QXI T units. mm scale exhibit str foliation. up to 25cm scale beds? with weaker foliation parallel quartz veinikng and sweats.
385515	5659096	408408	Black Q Vein	Bull to sugary quartz at contact between cg T and fg T. « qvein 70.00-16.00°».
385516	5658270	408752	Maf Vol	med green, fg . Contact with felsic to north. « CT 65.00- 38.00°»
385519	5657437	409416	Bt Q Felsic Rock	Sample is of Q vein with « str-int Bt » alteration surrounding vein. « qvein 90.00-292.00°»,« tr py ».
385551	5655519	412367	Q-Cb Vein/UM	in str Chl« str chl » rock,« tr py »,« tr cpy 1.00%» , wk mal« wk Mal » staining. Some Fe-stained quartz. Quartz is generally bull - sugary textured.
385552	5655534	412254	Q-Sul Vein	Mafic host rock. « cpy 3.00-4.00%»,« py 3.00-5.00%», as semi massive bands, Quartz is bull-sugary, dark brown-grey color. Str Fe-staining . wk« Mal » staining
385553	5655534	412254	Talc Chl Schist	str fabric developed. fg. « str Talc »« chl » alteration.
385607	5655649	411736	f-m Maf Vol	fine to med grained, med green color ,« str fol ».
385608	5655831	411667	Um- Vol	« leuc »,« str Fe-carb » alteration, some sections str talc« str Talc », sample has« str sil » with« tr py » silica in patches with .5% 1-2mm blue quartz veins.

Sample	Northing	Easting	Rocktype	Description										
385609	5655625	412300	Q Vein	free xtal growth, vuggy.										
295610	ECEEC70	440060	buggy											
385010	0000070	412202												
385610	5655679	412260	Q Vein	Cp, Py										
303011	3033007	412240	soapstone											
385616	5656135	411469	•											
385617	5656088	411471												
385651	5655836	411667	Qtz Vein	approx 1.1 m long. Sph« sph »?,« tr cpy 1.00-2.00%»,« py » in sample Dark quartz 2 generations crosscutting. overall tr sulphide. « tr aspy ».										
385652	5655621	412299	Um Vol	f-mg, med to dark green color, mod« fol »,« Fe-carb » staining on fracture and in veins. poss« wk sil ».										
385653	5655619	412299	Qtz Vein	« tr cpy », « bo » ?,« Mal », vein hosted in felsic rock.										
385654	5655622	412307	Felsic Tuff	10m @ 132 deg to 385653.										
				Qvein« qvein 42.00-316.00°»,« qvein 45.00-20.00°». 20cm talc« Talc ».« tr py »,« tr cpy ». 4% 1mm QXI . next to 385609.										
385655	5655600	412241	maf-Um	« Fe-carb » veins, med to dark green. « str fol 56.00- 38.00°»,« tr cpy »« tr py ». « fol 85.00-121.00°»,« fol 90.00-120.00°».										
385656	5655631	412122	m-cg Um?	med to dark green, m- cg. Dyke? intrusive?.										
385657	5655567	412263	Um	Ultramafic volcanic										
385658	5655672	412246	Um	Ultramafic volcanic										
385659	5655521	412349	m	Mafic volcanic										
385660	5655517	412314	Um	Ultramafic volcanic										
385661	5655507	412185	felsic	Felsic volcanic										
385670	5656024	411641	m	Mafic volcanic										
385671	5656079	411513	qvein											
385672	5656079	411513	xtall tuff	Felsic crystal tuff										
385675	5656005	411426	g	Augen of Granite within mafic volcs										
MA-001	5655655	412316	Um	Ultramafic volcanic										
MA-002	5655612	412191	Um	Ultramafic volcanic										
MA-004	5655574	412209	m	Mafic volcanic										
MA-005	5655593	412150	U/m	Ultramafic volcanic										
MA-006	5655807	412144	m	Mafic volcanic										
MA-007	5655973	411910		Non-descript sample										
`MA- 008		412302		Non-descript sample										
MA-009	5655751	412331	m	Mafic volcanic										
MA-010	5655800	412129	m	Mafic volcanic										

Sample	Northing	Easting	Rocktype	Description
MA-011	5655800	412087	m	Mafic volcanic
MA-012	5655544	411991	m	Mafic volcanic
MA-013	5655578	411813	m	Mafic volcanic
MA-014	5655646	411759	m	Mafic volcanic
MA-015	5655785	411734	m	Mafic volcanic
MA-017	5655541	411584	M/Um	Ultramafic volcanic
MA-018	5656120	411515	granite	
MA-019	5656036	411483	m	Mafic volcanic
MA-020	5656012	411457	m	Mafic volcanic
MA-021	5655894	411432	m	Mafic volcanic
RS-006	5655833	411667	Min Maf Vol	with quartz veining. « tr cpy », with up to 1% in quartz veins,« tr py »,« tour »?. « fol 55.00-34.00°». « F1 60.00-88.00°», warping.
RS-007	5655834	411667	Min Maf Vol	with 1.1m qartz« carb » veining. Contact undulateing ct« CT 80.00-262.00°». Fol« fol 88.00-24.00°».
RS-008	5655623	412299	Mafic/Felsic Tuff contact	Contact zone, 1-2mm quartz eyes broken. Veins to 30cm. « fol 69.00-38.00°», quartz healed left lateral displacement of 6cm. « CT 69.00-38.00°». parallel to foliation. « fol 84.00-310.00°»,« fol 48.00-60.00°».« qvein 68.00-30.00°»,« qvein 80.00-338.00°».« fol 85.00-310.00°».« qvein 42.00-314.00°». qv« qvein 45.00-20.00°».
RS-009	5659099	408408	fQxI R T	Bedded? Sequence with coarse 5-40cm beds with str foliated fine T, coarser grained gol 70« fol 70.00- 270.00°». x cutting foliation. sulphides concentrated in foliation bleeding into x structures. Fol« F1 70.00- 150.00°» as kinks in foliation.
RS-010	5658384	408662	Maf Vol	« str fol 50.00-52.00°», Clear cut logging ATP.
RS003	5656031	411625	QXI R T-LT	mod-str« fol 60.00-50.00°».
RS004	5655990	411585	Maf Vol	« str fol 45.00-45.00°», med to dark green wk fe-cb veining, occasional bull quartz veins with Fe-staining. Note: gentle warping of foliation. « F1 43.00-20.00°»

Table 8.1 – sample descriptions

# 8.0 SUMMARY OF RESULTS

Several mineralized samples collected on claim KRL 1184918 indicate the presence of a strongly mineralized zone within the HDZ and close to ultramafic rocks (sheared talc schist). One grab sample of a mineralized quartz vein, sample 385610 assayed 10.15 g/t gold and several other samples contained anomalous gold values. (See Table 8.2)

Similar mineralization has been located in Felsic rocks on claim KRL 1239678 approximately 4km northwest of the HDZ in a NW trending high strain zone. One sample, 385515, assayed 580ppb gold in a mineralized quartz vein.

All samples were analyzed at Chemex Labs in Vancouver BC by fire assay . 4 samples were re-submitted for metallic screen analysis. (See APPENDIX II) 7 samples were submitted for whole rock analysis (See APPENDIX III).

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Sample	northing	easting	elevation	Gold ppb (g/t) in in brackets
385501	5655861	412327	0	10
385508	5655861	411643	0	40
385509	5655868	411652	0	(0.160)
385510	5655858	411653	0	<5
385511	5656030	411625	0	<5
385512	5656001	411415.3	0	<5
385513	5655979	411340	0	<5
385514	5659072	408308	0	70
385515	5659096	408408	0	580
385516.	. 5658270	408752	0	<5
385519	5657437	409416	0	<5
385551	5655519	412367	0	285
385552	5655534	412254	0	(1.14)
385553	5655534	412254	0	110
385607	5655649	411736	0	15
385608	5655831	411667	0	<5
385609	5655625	412300	0	<5
385610	5655684	412256	0	(10.15)
385611	5655667	412246	0	15
385616	- 5656135	411469	0	10
385617	5656088	411471	0	<5
385651	5655836	411667	0	430
385652	5655621	412299	0	5
385653	5655619	412299	0	145
385654	5655622	412307	0	15
385655	5655600	412241	0	15
385656	5655631	412122	0	<5
385657	5655567	412263	0	<5
385658	5655672	412246	0	<5
385659	5655521	412349	399	10
385660	5655517	412314	0	<5
385661	5655507	412185	0	<5
385670	5656024	411641	382	<5
385671	5656079	411513	372	<5
385675	5656005	411426	396	1230
	,		1	

Table 8.2 – Sample results.

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# 9.0 CONCLUSIONS AND RECOMMEDATIONS

Further work, including trenching, structural mapping and prospecting, is ongoing in this area to further delineate geological controls on mineralization. The geological mapping and sampling program has confirmed the presence of gold bearing mineralized quartz veins in Felsic, Mafic and Ultramafic volcanic rocks. The proximity of this mineralization to the HDZ and the newly discovered northwest trending high strain zone will provide a key exploration target for future work.

Respectfully submitted

Michael G. Allen For Redstar Gold Corporation July 24, 2002

### 11.0 REFERENCES

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\_\_\_\_\_, 1988: Report on Field Work, Fisher Islands Property, Fall, 1988: private company report for Outokumpu Mines Ltd. by R. Guttenberg

# **12.0 CERTIFICATE OF QUALIFICATIONS**

I, Michael G. Allen, a geological consultant residing at 705-989 Richards Street, Vancouver, BC certify that

- 1. I am a graduate of the University of Alberta, Edmonton, with a Bachelor of Science degree with Specialization in Geology, (1998)
- 2. I have been employed in the geoscience industry intermittently for over 4 years, and have explored for gold, base metals and diamonds in North America, for both senior and junior mining companies.
- 2. I have worked in the Red Lake gold camp for the past month as a consulting geologist for Redstar Gold Corp Corporation, and have visited the Pipestone South property on several occasions.
- 3. I am a member in good standing of the Association for Professional Engineers, Geologists, and Geophysicists of Alberta.

Michael G. Allen 705-989 Richards Street Vancouver, BC

(Effective Date: July 24, 2002)



Figure 1. Location Map



Figure 2. Claim Map



Figure 3. Geology of the Red Lake greenstone belt, showing critical age determinations of volcanic and plutonic rocks (M. Sanborn-Barrie and T. Skulski, GSC, western Superior NATMAP program1997-2002).

Figure 4. Property Geology (in pocket)



Figure 7. Sample location and structural data



#### Chemex S Δ Aurora Laboratory Services Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

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Page Number :1-A Total Pages :1 Certificate Date: 22-JUL-2002 Invoice No. : 10219700 P.O. Number : WRL-S002 Account

Project : WRL Comments: ATTN: DOUG FULCHER

611 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

#### **CERTIFICATE OF ANALYSIS** A0219700

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SAMPLE	PRI COI	ep De	Au ppb FA+AA	Au FA g/t	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Coppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Moppm (ICP)	Na % (ICP)
385514	205	294	70		0.5	7.65	10	380	0.5	< 2	3.2	< 0.5	26	103	2510	4.83	1.68	1.40	310	32	1.73
385515	205	226	580		0.5	2.42	< 5	250	< 0.5	< 2	0.07	< 0.5	1	235	251	1.77	1.16	0.13	80	3	0.19
385516	205	294	< 5		< 0.5	6.02	5	180	< 0.5	< 2	5.7	1.5	47	490	60	6.56	0.52	4.35	1135	< 1	1.32
245517	205	226	~ 5		<del>~ 0.5</del>	-1.42			<del></del>		-1-15	-0.5		1860		6.40	- 0.01	>15.00			
385518	205	236				4.91			< 0.5							6.78	0.47	-10.00			
385519	205	226	< 5		< 0.5	9.05	5	300	1.0	< 2	1.80	< 0.5	8	62	21	2.13	1.39	1.01	235	< 1	3.70
385551	205	226	285		12.5	1.17	5	10	< 0.5	< 2	4.0	4.0	25	589	2640	3.62	0.05	2.34	1250	< 1	0.19
385552	205	226	965		80	1.33	110	30	< 0.5	178	1.75	7.0	225	437	>10000	12.26	0.08	1.49	920	< 1	0.27
385553	205	226	110		2.0	2.58	10	10	< 0.5	< 2	2.9	1.0	95	1885	505	6.75	< 0.01	13.38	1100	< 1	0.01
385607	205	226	15		< 0.5	5.30	5	30	< 0.5	< 2	6.2	3.0	59	667	180	7.20	0.05	6.93	1500	< 1	1.96
385608	205	226	< 5		< 0.5	6.48	< 5	40	< 0.5	< 2	5.9	1.5	45	431	56	5.80	0.19	5.10	1245	< 1	2.41
385609	205	226	< 5		< 0.5	2.84	< 5	290	< 0.5	< 2	0.99	< 0.5	28	552	56	3.03	1.07	3.21	385	1	0.21
385610	205	226	>10000	10.15	28	2.95	5	50	< 0.5	10	0.44	1.5	71	318	3840	10.21	0.28	2.13	360	< 1	0.30
385611	205	226	15		< 0.5	2.95	5	40	< 0.5	< 2	2.0	1.5	98	1705	43	8.77	0.08	11.84	1235	< 1	0.10
389012	205	226	- 95		2.0	1.00		- 10	× 0.5		0.13			-343	1415	2.32	0.07	0.68	235	2	0.05
303015	205	226				9.01			<del></del>		8.4		62-			8.91	- 2.32	4.10	3150		0.38
300614	205	226	4210		0.5	3.56	<del>~10000</del>		<del>~ 0.5</del>	~ 2	0.74	- 11.0			407	10:07	0.36	1:69	1645	<del>~ 1</del>	0.13
345615	205	226	40							<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	1.20	<del>~ 0.5</del>				1.76	0.05	-0-26		7	<del>-0.01</del>
385651	205	226	430		42	3.13	55	50	< 0.5	< 2	1.85	9.0	79	710	>10000	8.10	0.14	2.15	795	< 1	0.84
385652	205	226	5		< 0.5	7.04	10	50	< 0.5	2	6.0	2.0	56	520	141	8.55	0.10	5.58	1425	< 1	2.46
385653	205	294	145		4.0	3.75	15	260	0.5	< 2	0.25	0.5	7	114	920	1.18	0.74	0.27	125	< 1	1.92
385654	205	226	15		< 0.5	7.88	10	590	0.5	10	0.68	< 0.5	4	42	32	1.24	1.96	0.35	165	< 1	3.60
385655	205	226	15		< 0.5	6.06	20	40	< 0.5	< 2	5.2	2.0	62	453	285	8.33	0.23	5.43	1310	< 1	1.83
385656	205	226	i < 5		< 0.5	6.33	20	270	< 0.5	< 2	6.6	1.5	51	1025	23	6.84	0.92	7.07	1325	< 1	1.61
385657	205	226	< 5		< 0.5	7.97	15	140	< 0.5	< 2	2.7	2.0	52	95	64	9.32	0.73	3.70	1735	< 1	2.08
385658	205	226	5 < 5		< 0.5	7.00	10	20	< 0.5	< 2	0.49	2.0	58	114	15	10.20	0.09	6.22	695	1	0.19
385659	205	226	10		< 0.5	7.60	15	30	< 0.5	< 2	3.9	2.5	49	256	102	7.38	0.13	4.73	1185	< 1	2.81
385660	205	226	5) < 5		< 0.5	3.56	15	10	< 0.5	12	4.1	2.0	93	1850	10	7.25	< 0.01	13.18	1615	< 1	0.10
385661	205	226	5 < 5		< 0.5	9.10	5	40	< 0.5	< 2	1.25	< 0.5	77	493	72	2.45	0.23	2.07	500	3	7.20
120002	205	220	<del>,</del>		<del>× 0.5</del>	0.61	45	<del>&lt; 10</del>	<del>~ 0.5</del>		4.6	<del>~ &lt; 0.5</del>		104	- 95-	1.61	0:02		325	+1	
385663	+205	1226	5 5		< 0.5	0.40	5	< 10	< 0.5	2	0.07	< 0.5	3	169	12	0.94	0.01	0.29		< 1	0.03
385664	205	226	5 55		5.0	7.16	5	30	< 0.5	< 2	6.4	3.5	50	320	5320	<del>8-68</del>	0.16	3.28	1230	3	0.96
385665	205	226	5 < 5		< 0.5	3.71	15	20	< 0.5	< 2	0.28	<u> </u>		281	59	3.83	0.07	1.77	855	1	1.30
385666	205	294	85		7.0	1.17	15	10	< 0.5			2.0	14	230	1685	2.08	0.11	0.62	290	1	0.11
385667-	205	226	5 < 5			4.75	15	20	< 0.5	< 2	6.4	1.0	40	242	332	5.94	- 0.30	2.49	1145	2	0.78
385668	1205	i <del>  29</del> 4	1270		>100	0.46	20	< 10	< 0.5	1105	0.54	3.5	49	322	>10000	4.84	0.07	0.28	125		<u> </u>
34-10-1-	205	1 220	5		2.0	0.42	5	<del>~ 10</del>			0:64	<del>~ 0.5</del>	3			0.73	0.04	0.21			0.10
																			14 ;	)	

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British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218 To: PAMICON DEVELOPMENTS LIMITED

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CERTIFICATE OF ANALYSIS A0219700 PREP Nippm P ppm Pb ppm S % Sb ppm Sr ppm Ti % V ppm W ppm Zn ppm CODE (ICP) SAMPLE (ICP) (ICP) (ICP) (ICP) (ICP) (ICP) (ICP) (ICP) (ICP) 385514 205 294 22 670 30 1.23 270 0.27 67 < 10 5 54 385515 205 226 8 170 8 0.09 15 0.05 12 < 10 < 5 4 385516 205 294 120 200 < 2 0.01 5 150 0.25 191 < 10 86 . -22 303317 1795 ~ ^ / -0-0.07 20 -1-6 62 205 226 399978 630 130 0.01 1.5 36 0.14 179 1-0 70 205 226 500 31 385519 31 12 0.06 < 5 344 0.18 < 10 52 385528 22 205 226 385551 144 80 206 0.51 28 42 672 5 0.04 < 10 162 385552 205 226 100 400 7.11 14 0.06 50 5 < 10 1035 205 226 1065 0.35 37 0.11 385553 110 12 15 109 < 10 136 385607 205 226 184 70 2 0.04 < 5 43 0.25 202 < 10 92 385608 205 226 133 2 < 0.01 115 0.27 209 210 5 < 10 52 385609 205 226 288 220 б 0.03 < 5 27 0.06 33 < 10 32 385610 205 226 50 320 56 0.73 < 5 31 0.16 128 10 40 205 956 120 30 107 385611 226 < 2 0.01 5 0.13 < 10 60 305023 226 0.16 0-10 205 44 \_\_\_\_ 32 43 -64-205 226 305615 175 0.76 0.55 331 300 10 124 مم 132-205 224 70 170 157 134 395614 7 7 125 20 0.26 10 305615 205 226 11 70 0.49 <del>م ب</del> 0.01 35 -1-0 -205 226 32 385651 206 170 230 3.12 < 5 0.11 111 < 10 1505 205 226 385652 124 230 < 2 0.05 137 0.32 264 < 10 78 10 205 294 385653 18 180 18 0.13 < 5 33 0.05 23 < 10 40 205 226 290 79 0.13 20 385654 6 2 0.19 < 5 < 10 18 205 226 93 385655 105 150 10 0.05 10 0.28 216 10 52 205 226 385656 194 700 < 2 < 0.01 < 5 365 0.55 203 < 10 104 385657 205 226 < 2 < 0.01 < 5 55 0.40 272 76 85 300 10 385658 205 226 124 200 < 2 < 0.015 11 0.35 248 < 10 76 205 226 128 385659 340 6 0.05 5 84 0.33 210 10 110 205 226 1145 27 139 385660 150 < 2 < 0.01 10 0.16 < 10 134 385661 205 226 513 270 4 0.01 < 5 36 0.41 341 < 10 44 305662 205 226 11 150 0.42 15 + 0.01 43 -10 12 385665 205 226 11 10 6 < 0.01 < 5 3 < 0.01 30 8 -1-0 243 385664 -996 126 320 66 1.08 < 5 85 محسو 10 156 20-205 226 0.20 385665 62 180 < 2 < 0.01 20 135 < 10 42 385666 205 294 28 80 < 5 12 0.08 53 4-35 < 10 70 32-385667 205 226 92 < 2 0.97 15 65 0.20 196 < 10 72 190 385668 205 294 49 40 574 3.66 < 5 3 0.01 21 100 -

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**CERTIFICATE OF ANALYSIS** AU220127

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SAMPLE	PRI	ep De	Ац рры FA+AA	u chec ppb	Au FA g/t	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Bappm (ICP)	Beppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Coppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Moppm (ICP)
385554	205	-294				<del>~ 0.5</del>				<del>~ 0.5</del>		0.54	-+ 0.5		205			-0.02	- 0.09-		
285555	205	226	20			< 0.5	1.51	< 5	10	< 0.5	< 2	2.5	< 0.5	11	211	551	1.70		0.61	375	2
385550	205	226	5				8.26	15	30	< 0.5	< 2	10.0	8.0	55	211	219	6.76	0.08	4.92	1560	< 1
385557	205	226	20			< 0.5	0.09	< 2		- 0.5	22		< 0.5	1	224	9	2.15	< 0.01	0.09	110	2
<del>885550</del>	205	226	90			< 0.5	2.57	0	40	< 0.5	6	5.8		19	193	271	6.36	0.46	1.36	2550	2
385559	205	226	155			< 0.5	4.26	105	90	< 0.5	< 2	1.80	1.0	25	212	242	9.58	0.93	1.95	-2330-	و
303300	205	-226	45			····			100	<del>~ 0.5</del>				- 57	207	430	0.38	2.31	4.08	-2610	
385616	205	226	10			< 0.5	7.40	< 5	500	0.5	< 2	1.00	< 0.5	6	50	158	2.01	2.67	0.87	180	8
385617 <del>385618</del>	205	226	< 5			< 0.5	2.21	< 5 	40	< 0.5	< 2	0.31 	< 0.5		161 	16 7-	0.99 <del>1.10</del>	0.48	0.39	80 	<u>+</u>
205610								·····													
305019	205	220				< 0.5	3.42		120	· · · · · ·		1.40	< 0.5		2200	21	1.13		13.00	1315	
305621	205	226				- 0.5	4 95	5	40			5.7	. 0.5		375	17	<u> </u>	0.50	7.40		
385670	205	226	< 5			< 0.5	8.02	< 5	550	1.0	< 2	1.10	< 0.5	4	44	16	1.28	2.62	0.41	150	21
385671	205	226	< 5			< 0.5	1.82	< 5	190	< 0.5	< 2	0.32	< 0.5	1	194	12	0.66	0.87	0.27	105	< 1
385672	205	220	10			- + 0.5	9.66			1.0		0.96	<del>~ 0.5</del>		40	194	2:00	2.74	0.56		
385673	205	226	<del></del>			- <del>&lt; 0.5</del>	- 9.21		140	- 0.5	- 2		<del>~ 0.5</del>			129	4.95	0.54		<del>655</del> -	<del>1</del>
385674	205	226	+ 5			+ 0.5				- <del>* 0.5</del>		-21					0.40	0.07	12.75		
385675	205	226	1105	1230		15.0	5.70	10	50	< 0.5	< 2	5.9	2.5	62	2170	2360	10.79	0.16	7.13	1280	6
	1203	220	230			0.5	- //11	10		- 0.5		2.7			96	25	1.92	3.05	1.44	700	
385677-	205	226	25			< 0.5	1.85	< 5	40	< 0.5	< 2	0.63	< 0.5	1	131	3	0.59		0.26	200	3
3 <del>85678</del>	205	226	150			< 0.5	3.14	. 5	30	< 0.5	< 2	3.7	< 0.5	8	136	23	2.60	0.55	2.05	945	1
385679	205	226	25			<u>- (0.5</u>	1.32	< 5	90	< 0.5	< 2	2.2	< 0.5			4	2.06	0.11	1.13	805	2
385680	205	226	50			0.5	- 0,20	25	< 10	< 0.5	2	8.4	<u>م ج</u>	35	51	493	15.16	0.01	7.45	7640	7
385681-	205	226	< 5			< 0.5	0.03	< 5	~~ 10	< 0.5	<u>م</u>		< 0.5	1	164	11	2.40	0.01	4.56	3230	< 1
385682-	205	226	145			>100	9.18	>10000	150	< 0.5	< 2	-6-3	10.0	45	314	287	8.06	2.19	2.27	3030	1
205501	205	226				< 0.5	7 57	10	< 10	< 0.5	< 2	0.22	< 0.75 0 F	40	202	226	0.44	< 0.01	0.03	1225	< 1 2 1
505004-	205	220	240	20		- 0.5	7.04	10	150	< 0.5 0 F		7.0	2.0	49	70	- 330	9.03	2 95	4.51	1335	
385702~	205	220	>10000	>10000	27.95	4.0	0.64	5	30	< 0.5	2	5.5	1.5	5	182	13	2.29	0.09	2.79	1910	< 1
207703	205	-294	40			50	- 7.86								237		5.53	- 2.25	2.37	2870	
3 <del>85763</del>	-205	294	40			50		<del>. 045</del>		<del>~~~0.5</del>	<b>_</b>	8.4				132	5.53	2.25	2.37	-2870	<u> </u>
																				.*	



# ALS Chemex

Analytical Chemists \* Geochemists \* Registered Assayers

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A0220127

Account

Page Number :1-B Total Pages :1 Certificate Date: 24-JUL-2002 Invoice No. :10220127 P.O. Number :WRL-S002

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SAMPLE	PR CO	ep De	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S% (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm 2 (ICP)	In ppm (ICP)	
385551	205	294	Q.19.		<u> </u>	<u> </u>	0.05	<b>F</b>		0.01				
385555	-205	226	0.35	33	40	< 2	0.05	< 5	26	0.08	45	10	20	
385556	205	226	1.22		300	10	0.03	<u> </u>		0.35	310	< 10	88	
385558	205	226	0.13	41_			2.04	- < 5	42	0.14	111	10	42	
385559	205	226	0.25	44	190	10	2.51	< 5	42	0.32	249		32	
385616	205	226	2.61	10	380		0.11	< 5	128	0.15	33	10	28	
385617	205	226	0.91	10	150	2	< 0.01	< 5	24	0.04	15	< 10	-6	
3 <del>85618</del>	205	236	0.01	-62-		<del>~~}</del>			5	<del>&lt; 0.01</del>	7			-
305619	205	226	0.01	977-	130		0.02		48	0.12		- 10		
385620	205	226	6.00					<u> </u>		-0.12				
385621	205	226				6	-0.05					-+ 10-		
385670	205	226	3.03	7	280	8	0.03	< 5	114	0.11	19	< 10	26	,
202011	203	420	0.20	<u> </u>	110		0.01			0.04	•	< 10		
385672	205	226	2.67		420		0.22	5		0.17		+ 10-		
385673	205	226	4.76				-0.49			0.35				
385675	205	226	0.60	222	230		0.32	< 5	169	0.22	209	< 10	126	
305676	205	226	0.67				0.50		69-					
	0.00		0.01				0.01		1.0	0.01	1 24			
305676		426	0.30	18	180	< 4 4	0.01	< 5	61	0.01	11	< 10	30	
385678	205	226	0.72	43	430	2	0.14	< 5	18	0.01	35	< 10	30	
285680	205	226	0.03		70	12	0.85		13	< 0.01	< 1	30	40	
385681	205	226	< 0.01	7		$\checkmark$		< 5	127	< 0.01	7	120	50	
385682	205	226	0.42	149	220	3526	1.90	140	55	0.47	317	< 10	1250	
385683	205	226	< 0.01	0	140	6	0.01	~	< 1	< 0.01	3	< 10	< 2	
363664	205	226	0.35	117	300	8	0.19	< 5	20	0.45	291	< 10	84	
325702	20	226	0.03	33	340	194	0.02	< 5	35	< 0.01		$\sim$ 10	60	
345703	206	294	<mark>  - 0.41</mark>	121	220_		-0-41				260	10		
						·								

CERTIFICATION



#### S Chemex Δ Aurora Laboratory Services Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218 To: PAMICON DEVELOPMENTS LIMITED

##

Page Number : 1-A Total Pages :1 Certificate Date: 11-JUL-2002 Invoice No. : I0219461 P.O. Number : WRL-S001 Account BM

VANCOUVER, BC V6B 1N2

611 - 675 W. HASTINGS ST.

Project : WRL Comments: ATTN: DOUG FULCHER EMAIL: BOB SINGH

#### **CERTIFICATE OF ANALYSIS** A0219461

SAMPLE	PF	REP DE	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Coppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
385501 <del>385502 385503 385504</del>	205 205 205 205 205	226 226 226 226 226	10 720 20 4 5	< 0.5 <u>40</u> < 0.5 < 0.5 < 0.5	7.32 1.21 9.82 0.11	10 	70 	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 4 2 2	7.4	< 0.5 4.0 1.0 < 0.5	35 50 57 57	266 279 276 223	188 →10000 321 67	6.27 4.10 9.77 5.00	0.33 0.06 0.45 0.01
385506 385507 385508 385509 385510	205 205 205 205 205	226 226 226 226 226	10 10 5 40 135	<-0.5 < 0.5 < 11.0 < 0.5	7.26 8.23 6.12 5.28 7.65	5 5 5 5 15 5	60 390 30 40 360	< 0.5 < 0.5 < 0.5 < 0.5	14 16	6.6 1.25 4.7 1.10 0.70	-0.5 < 0.5 < 0.5 < 0.5	42 16	102 155 27 407 507	335 9 48 1255	7.64 1.30 6.54 11.46 2.79	0.12 0.59 2.53 0.16 0.45 1.12
385511 385512 385513	205 205 205	226 226 226	< 5 < 5 < 5 < 5	< 0.5 < 0.5 < 0.5	1.97 0.50 9.57	< 5 < 5 < 5 < 5	130 < 10 110	< 0.5 < 0.5 0.5	< 2 < 2 < 2 < 2	0.13 0.43 0.58	< 0.5 < 0.5 < 0.5 < 0.5	1 4 7	114 144 29	12 6 55	0.59 0.94 1.79	0.59 0.03 0.85

CERTIFICATION:\_



# ALS Chemex

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218 To: PAMICON DEVELOPMENTS LIMITED

611 - 675 W. HASTINGS ST.

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Page Number :1-B Total Pages :1 Certificate Date: 11-JUL-2002 Invoice No. :10219461 P.O. Number :WRL-S001 Account :BM

V6B 1N2 Proiect : WRL

VANCOUVER, BC

Comments: ATTN: DOUG FULCHER EMAIL: BOB SINGH

#### **CERTIFICATE OF ANALYSIS** A0219461 PREP Mg % Mn ppm Na % Ni ppm S % Ti % Mo ppm P ppm Pb ppm W ppm Sb ppm Sr ppm V ppm Zn ppm SAMPLE CODE (ICP) 385501 205 226 4.33 1230 5 2.02 84 190 6 < 0.01 < 5 228 0.30 244 < 10 54 385502 205 226 0.50 190 0.35 53 60 196 2.15 17 0.07 45 40 156 - 5 -205 226 4.36 1425 2.50 181 270 0.05 111 0.53 305 385503 4 \_ 10 - 20-205 226 0.04 100 0.02 22 70 2 0.01 E 0.01 40 10 385504 . 2 .0 205 226 385565 0.77 820 + 0-34 20 600 0.16 E. 02 0.07 20 10 4.0 205 226 385506 3.93 1345 1 1.21 140 240 12 0.27 <del>~ 5</del> 102 0.43 258 <del>-10</del> 82 383307 205 226 0.97 225 2:05 24 320 12 0.08 70 0.13 -24 -10 22 + < 5 385508 205 226 5.39 1170 < 1 2.15 122 140 < 2 0.01 < 5 65 0.26 202 < 10 64 385509 205 226 4.44 465 4 0.32 42 180 14 0.28 < 5 22 0.24 177 < 10 48 385510 205 226 1.19 195 1 3.45 17 270 108 < 0.01 5 74 0.13 24 < 10 30 205 226 < 1 7 110 8 385511 0.14 55 0.69 8 < 0.01 < 5 25 0.03 < 10 8 205 226 0.68 0.11 20 < 0.01 385512 165 < 1 60 8 < 5 9 0.01 18 < 10 14 385513 205 226 0.94 250 < 1 6.11 14 510 6 0.05 < 5 267 0.16 31 < 10 32

CERTIFICATION:



# ALS Chemex

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218 To: PAMICON DEVELOPMENTS LIMITED

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611 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : WRL - RERUN Comments: ATTN: DOUG FULCHER Page Number :1 Total Pages :1 Certificate Date: 06-AUG-2002 Invoice No. :10220770 P.O. Number : Account :BM

.

CERTIFICATE OF ANALYSIS A0220770 PREP Au tot Au -Au + Wt -Wt + g/t SAMPLE CODE g/t mg grams grams 385552 32063288 1.14 1.14 0.037 907 32.61 385610 32063288 9.67 5.02 0.660 93 23.45 22062298 954 385614 4.68 A EQ 31.01 0 222 0.37 0.36 0.019 385651 32063288 663 33.06 385668 32063288 2-16 1.64 0.571 962 34.95 0.47 0.39 0.000 970 25.99 385669 32063200



## **ALS Chemex** Aurora Laboratory Services Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED

##

611 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : WRL - RERUN Comments: ATTN: DOUG FULCHER Page Number :1 Total Pages :1 Certificate Date: 23-JUL-2002 Invoice No. : 10220540 P.O. Number • Account BM

18

1.00

**CERTIFICATE OF ANALYSIS** A0220540 PREP Au + Wt -Au tot Au -Wt + CODE SAMPLE g/t g/t mg grams grams 94039414 305502 1.01 0.74 0.001 18.00 120 94039414 0.16 0.008 0.17 129 385509 51.64 Hardin -

CERTIFICATION:



# ALS Chemex

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218 To: PAMICON DEVELOPMENTS LIMITED

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611 - 675 W. HASTINGS ST. VANCOUVER, BC V6B 1N2

Project : WRL - WR RERUN Comments: ATTN: DOUG FULCHER

CERTIFICATE OF ANALYSIS A0220541

Account

SAMPLE	PR	EP DE	A1203 % XRF	BaO % XRF	CaO % XRF	Cr2O3 % XRF	Fe203 % XRF	K20 % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P205 % XRF	SiO2 % XRF	SrO % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Nb	Rb	Y	Zr
385516	244		11.16	0.02	8.66	0.10	10.38	0.63	7.72	0.19	1.87	0.04	57.31	0.01	0.39	1.03	99.51	< 10	17	10	
395516	-1244		8.49	<del>→ 0.01</del>	7-56		-10.95		-17.31	0.20		-0.04	47.52	- 0.01							<del></del>
385607	244		9.32	< 0.01	9.18	0.13	11.18	0.09	11.99	0.24	2.58	0.04	52.29	0.01	0.38	1.81	99.24	< 10	11	13	34
385608 385611	244		5.05	< 0.01	2.98	0.08	8.73	0.28	21.14	0.17	3.15	0.05	43.60	0.03	0.56	4.86	99.69 98.76	< 10 < 10	9 15	16	27
3-9-5-9-5	244		14.79	0.02	11.16	0.03	12,17	2.50	-6.55	0.42	0.41-	0.06	41.24	0.02	0.81	7.97	98.15	+ 10	75		47
385652	244		11.70	< 0.01	8.26	0.09	12.45	0.14	9.39	0.19	3.02	0.05	50.28	0.03	0.52	3.04	99.16	< 10	13	17	47
385654	244		14.86	0.06	1.01	0.01	1.85	2.32	0.70	0.05	5.05	0.07	72.09	0.01	0.22	1.51	99.81	< 10	71	12	134
385656	244		10.99	0.01	9.20	0.08	10.13	1.09	9.65	0.18	2.44	0.05	48.78	0.02	0.46	3.96	99.// 99.46	< 10 12	26	11	47 89
385660	244		5.86	< 0.01	5.88	0.37	11.76	0.05	22.21	0.23	0.26	0.04	43.64	0.01	0.22	7.76	98.29	< 10	9	12	34
			N																		

Page Number : 1 Total Pages : 1 Certificate Date: 31-JUL-2002 Invoice No. : 10220541 P.O. Number :

BM



## **Work Report Summary**

Transaction No:	W0220.	01223		S						
Recording Date:	2002-JU	JL-25		Work Done	from:	2002	-JUN-25			
Approval Date:	2002-N	OV-13			to:	2002	-JUL-22			
Client(s):										
1296	17 E	NGLISH, PEF	RRY VERN							
Survey Type(s):										
		ASSAY		GEOL						
Work Report Det	ails:									
Claim#	Perform	Perform Approve	Applied	Applied Approve	Ass	sign	Assign Approve	Reserve	Reserve Approve	Due Date
KRL 1184918	\$8,940	\$8,940	\$2,400	\$2,400	\$5,	453	5,453	\$1,087	\$1,087	2004-FEB-07
KRL 1184926	\$270	\$270	\$0	\$0		<b>\$</b> 0	0	\$270	\$270	2003-FEB-17
KRL 1234037	\$0	\$0	\$1,200	\$1,200		\$0	0	\$0	\$0	2003-JUN-18
KRL 1234038	\$0	\$0	\$400	\$400		\$0	0	\$0	\$0	2003-JUN-18
KRL 1234085	\$0	\$0	\$400	\$400		\$0	0	\$0	\$0	2003-JUN-18
KRL 1234086	\$0	\$0	\$1,600	\$1,600		\$0	0	\$0	\$0	2003-JUN-18
KRL 1239677	\$0	\$0	\$800	\$800		\$0	0	\$0	\$0	2003-JUL-25
KRL 1239678	\$2,947	\$2,947	\$4,000	\$4,000		\$0	0	\$0	\$0	2003-JUL-25
_	\$12,157	\$12,157	\$10,800	\$10,800	\$5,	453	\$5,453	\$1,357	\$1,357	
External Credits:		\$0								
Reserve:		\$1,357 Res	erve of Wor	k Report#: W0	0220.01	223				

\$1,357 Total Remaining

Status of claim is based on information currently on record.



52M01SE2022 2.23951 BALL

900

Ministry of Northern Development and Mines

Date: 2002-NOV-13

Ministère du Développement du Nord et des Mines



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

PERRY VERN ENGLISH BOX 414 SOURIS, MANITOBA R0K 2C0 CANADA Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.23951 Transaction Number(s): W0220.01223

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.

The total value of work has been increased to \$12,157.00 to include the cost of the analysis reported.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,

mcchil.

Ron Gashinski Senior Manager, Mining Lands Section

Cc: Resident Geologist

Perry Vern English (Claim Holder) Assessment File Library

Perry Vern English (Assessment Office)

Redstar Gold Corp. (Agent)



These washing to stake mixing claims choold considentials in a Provincies Mining Recorders' Office of the Mining Ry of Northern, Development and Mining Ry additional information on the status of the leady simula hermor. This map is not intered for having status, writing, or and this distribution and the Completence was accurated in the leady and and and the status of the leady status and the status and the leady of factor and the status as the Completence was accurated in the leady of the status in the status and the leady of factor and the status of the status and the status of the i o striver melosen en oven ny der tvort filom éligitet, dets vivat at la la presencional and Managi Recordend'Office - \*\*\* vive of download main grectho Minimithy of Alerthyan Davelopment and Minime respirate.

General Information and Limitations

sə Toll Free Tol: 1 (NPN), 415-9945 Faxet, 1 (D77), 670-1444

Map Distam: NAD 89 Projecteric U Ini (6 degres) Topographic Data Scence: "Land Mitrimatien, Drie Mining Land Tenurs Scence: Predincial Mining Res

The map may not correction and internal cand tense e and intervents in i and including can partimits, heaves, nearmosts, right of anys, finality (phys.) to space, to althout forms of deprecision of sights and intervent flows the C term. Also contain laws terms and use the strategict or one table that a verse to stake mining calaries may not be flows

#a	_type	lina	Description
1	Water	Jan, 1 2001	LUNG CAKE RESERVE 12 FEB 04 BRO
	Vitani	Jan 1 2021	PENDAG APPLOR END ONTONY LICENSE OIL NATURAL GAS (RED. 708) MNR
F2370	When the	Nov 24 2001	No ng and Burlace rights withdraws Saction 35 of the kiloing Act RSO 1800 Order
			erwick, 2001/08 chert, mexic 21, 2001 Notes this boundary standay, represented the area
			that is being proposed for regulation and may be availed to further shower.
. 62360	Ween	Nov 21 2001	kining and Surrace rights Windfaver Section 30 of the kining Act RCO 1980 Order
			# WILL 2001 04 DW7, New 21, 2001 Note: this beautienty classify, aproption to me
			that is haing proposed for, rigulation, and may be moject to fortheir, chakiga,
P2378	Wen	Slov 21 2001	Mining and Syrface tights withdrawa Section 35 of the Mining Act 9.00 1980 Order
			1914 L-2001 B1 DNR, Key, 21, 2001 Male: this beautiery simesty, represents the area
			that is being proposed (or regulation, and may be availant to further cliange.
.F 2378	When	Nov 2 1 2001	Mining and Seriece rights with travel Section 35 of the Mining Act RSD 1998 Order
			a nu 1. 2001 01 001, Nov. 21, 2001 Nates inte causeling planety represents the way
			that is being artigrass difer regulations and may be subject to further charter.
	Whim	Min, 1 2081	WOODLAND CARINGU PROVINCIAL PARK



### **Problem Page**

The original page in this document had a problem when scanned and as a result was unable to convert to Portable Document Format (PDF).

We apologize for the inconvenience.

### Problème de conversion de page

Un problème est survenu au moment de balayer la page originale dans ce document. La page n'a donc pu être convertie en format PDF.

Nous regrettons tout inconvénient occasionné par ce problème.





