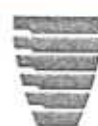


Appendix 3

1989 Programme Sb and Bi Assay Results

ANALYSIS REPORT



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PINE CREEK: Lot 174 Ward St, Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089) 761 262 Fax 761 310

NORTHERN GOLD NL

REPORT : PC 021182 10 Page(s) Date : 18/01/90

Client reference : 006700

Cost code :

Copies to : Mr. SLOPER
R. BURLIN

Samples : Type : Preparation code :

Analysis	Code	Quality Parameter	Detection	Units
Pb	10050	Accy. $\pm 10\%$	0.001	ppm
As (G)	10050	Accy. $\pm 10\%$	0.001	ppm
Bi	10050100	Prec. $\pm 10\%$	1	ppm
Sb	10050100	Prec. $\pm 10\%$	1	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



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Sample	Au	Au(R)	Bi	Sb
8277	0.270	0.262	1	15
8290	0.220		1	15
8301	0.160	0.140	1	15
8302	0.280		1	15
8303	0.410		1	15
8304	0.160		1	15
8305	0.400		1	15
8306	0.155		1	15
8307	0.000		1	15
8308	0.000		1	15
8309	0.220		1	15
8310	0.400		1	15
8311	0.075		1	15
8312	0.310		1	15
8313	0.005		1	15
8314	0.220		1	15
8315	0.280		1	15
8316	0.115	0.095	1	15
8317	0.040		1	15
8318	0.015		1	15
8319	0.220		1	15
8320	0.000		1	15
8321	0.225		1	15
8322	0.060		1	15
8323	0.220		1	15

Data in ppm unless otherwise stated.

ANALYSIS REPORT



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Sample	Au	Au(R)	Bi	Sb
B328	0.554		1	4
B329	0.127		2	5
B329	0.098		1	5
B329	0.053	0.074	1	5
B330	0.125		1	5
B330	0.140	0.145	1	5
B331	0.154		1	5
B331	0.100		1	5
B332	0.143		1	5
B333	0.110		1	5
B334	0.078		1	5
B335	0.050		1	5
B336	0.115		1	5
B337	0.107		2	5
B338	0.058		1	5
B339	0.08		1	5
B340	0.116		1	5
B341	0.070		1	5
B342	0.050		1	5
B343	0.100		1	5
B344	0.050		1	5
B345	0.151	0.123	1	5
B346	0.200		1	5
B347	0.217		1	5
B348	0.110		1	5

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
B387	0.2032		1	15
B388	0.3003	0.1761	1	15
B389	1.1140		1	15
B390	1.2760		1	15
B391	0.1800	0.1360	1	15
B400	0.1700		1	15
B401	0.1820		1	15
B402	0.1830		1	15
B403	0.1850		1	15
B404	0.1770		1	15
B405	0.1800		1	15
B406	0.1880		1	15
B407	0.1880		1	15
B408	0.1810		1	15
B409	1.1700		1	15
B410	0.1800		1	15
B411	0.1080		2	15
B412	0.4300	0.2500	1	15
B413	0.0410		1	15
B414	0.0190		1	15
B415	0.0400	0.0030	1	15
B416	0.0020		1	15
B417	0.0020		1	15
B418	0.0010		1	15
B419	0.0010		1	15

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
8419	0.022		1	2
8421	0.005		1	4
8422	0.010		1	5
8423	0.000		1	3
8424	0.000	0.000	1	4
8425	0.000		1	4
8426	0.000	0.000	1	5
8427	0.000		1	1
8428	0.000		1	4
8429	0.000		1	5
8430	0.000		1	5
8431	0.000		1	5
8432	0.000		1	5
8434	0.000		1	5
8435	0.000		1	5
8436	0.000		1	5
8437	0.000		1	5
8438	0.000		1	5
8439	0.000		1	5
8440	0.000		1	5
8441	0.000		1	5
8442	0.000		1	5
8443	0.000	0.000	1	5
8444	0.000		1	5

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
B446	0.165		1	5
B446	0.166		1	5
B447	1.420		1	5
B448	0.520		1	5
B449	0.330		1	5
B450	0.113		1	5
B451	0.288		1	5
B452	0.160		1	5
B453	0.340		1	5
B454	0.388	0.198	1	5
B455	0.540		1	5
B456	0.420		1	5
B457	0.198		1	5
B458	0.260		1	5
B459	0.722	0.920	1	5
B460	0.258		1	5
B461	0.288		1	5
B462	0.093		1	5
B463	0.300		1	5
B464	0.310		1	5
B465	0.210		1	5
B466	0.130		1	5
B467	0.058		1	5
B468	0.760		1	5
B469	0.150		1	5

all in ppm unless otherwise stated.



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Sample	Au	Au(R)	Bi	Sb
3470	0.230	0.235	1	15
3471	0.090		1	15
3472	0.840		1	15
3473	0.050		1	15
3474	0.150		1	15
3475	0.240		1	15
3476	0.350		1	15
3477	0.450		1	15
3478	0.010	0.020	1	15
3479	0.110		1	15
3480	0.700		2	15
3481	0.790		1	15
3482	0.620		1	15
3483	0.120		1	15
3484	0.240		1	15
3485	0.950		1	15
3486	0.700		1	15
3487	0.310		2	15
3488	0.880		1	15
3489	0.380		1	15
3490	0.950		1	15
3491	0.010		1	15
3492	0.450		1	15
3493	0.020	0.020	1	15
3494	1.120		1	15

Data in ppm unless otherwise stated.



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Sample	Au	Au(R)	Ni	Sb
4970	0.302		1	5
4985	0.245	0.170	1	5
4997	0.255		1	25
4998	0.465		1	5
4999	0.750		1	5
500	0.250		1	5
501	0.225		1	5
502	0.165		1	5
503	0.037		1	5
504	0.302		1	5
505	0.038		1	5
506	0.050		1	5
507	0.177		1	5
508	0.245		1	5
509	0.180	0.505	1	5
510	0.030		1	5
511	0.300		1	5
512	0.180	1.270	1	15
513	0.633		2	5
514	0.136		2	5
515	0.000		2	25
516	0.470		1	25
517	0.025		1	5
518	0.017		1	15
519	0.045		1	25

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
8520	0.016	0.016	<1	<5
8521	0.053		1	<5
8522	0.414		1	<5
8523	0.630		<1	<5
8524	0.610	0.560	2	<5
8525	1.660		1	<5
8526	0.750	0.613	2	<5
8527	1.530		2	<5
8528	0.980		1	<5
8529	0.473		1	<5
8530	0.210		<1	<5
8531	0.033		1	<5
8532	0.053		<1	<5
8533	0.091		<1	<5
8534	0.091		<1	<5
8535	0.145	0.152	1	<5
8536	0.445		<1	5
8537	0.178		1	<5
8538	0.450		<1	<5
8539	0.462	0.477	<1	<5
8540	0.355		<1	<5
8541	0.650		<1	<5
8542	0.293		1	<5
8543	0.016		<1	<5
8544	0.011		<1	<5

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
8545	0.013		<1	<5
8546	0.008	0.008	1	<5
8547	0.019		<1	<5
8548	0.016		<1	<5
8549	0.175		1	<5
8550	0.270		1	<5
8551	0.061		1	<5
8552	0.010		<1	<5
8553	0.071		1	<5
8554	0.074		1	<5
8555	0.740		1	<5
8556	0.220	0.218	1	<5
8557	0.320		1	<5
8558	0.247		<1	<5
8559	0.213		<1	<5
8560	0.079		<1	<5
8561	0.710		<1	<5
8562	1.140	1.020	<1	<5
8563	0.818		<1	<5
8564	1.020	0.900	1	<5
8565	0.016		<1	<5
8566	0.101		<1	<5
8567	0.026		<1	<5
8568	0.016		2	<5
8569	0.018		<1	<5

Data in ppm unless otherwise stated.

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Sample	Au	Au(R)	Bi	Sb
8570	0.001	0.001	1	<5
8571	0.102		1	<5
8572	0.150		<1	<5
8573	0.385		<1	<5
8574	0.203		1	<5
8575	0.190	0.160	<1	<5
8576	0.236		<1	<5

Data in ppm unless otherwise stated.