ASSESSMENT REPORT ON THE 2011 GEOCHEMICAL SURVEY OF THE NBT 1-90 CLAIMS

Dawson Mining district, Yukon Territory

Tombstone area

NTS map sheet 116B 06, 07, 10, 11

64 deg. 30' N, 139 deg. W

NBT 1-90	YD81027-YD81116

Soil survey conducted on August 29, 2011

Owner and Operator:
Redtail Metals Corp
11th floor, 888 Dunsmuir
Vancouver, B.C., V6C 3K4

July 23, 2012

By Danièle Héon

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SUMMARY

The NBT property is located in northwest Yukon, in the Dawson Mining District, approximately 50 km northeast of Dawson City. It consists of 90 contiguous quartz claims centered on the intersection of NTS maps 116B 06, 07, 10, and 11. The claims are wholly owned by Redtail Metals Corp, and, along with the neighbouring U2O claims, located 1km to the west, form Redtail's Borealis project. Access is by helicopter from Dawson.

The area is prospective for intrusion-related mineralization characteristic of the Tombstone Belt. According to the regional geology map, the claims are located between two gold-bearing mid-Cretaceous plutons of the Tombstone suite, and are underlain by a few small intrusive plugs intruding sediments of the Hyland Group. No detailed geology is available.

The area is considered under-explored as mineral exploration in the area has been discouraged since the land withdrawal that led to the creation of the Tombstone territorial park. The knowledge base is thought to underestimate the mineral endowment of the area, new showings are found at each new phase of mineral activity.

A creek east of the U2O claims was prospected during the 2010 field program. Four silt samples yielded gold values ranging between 110 and 787 ppb. These samples point to the previously unrecognized gold potential of this area, possibly associated with the thermal aureole and satellite intrusions of the Deadman Stock.

In order to follow up these results, the 2011 field program (this report) consisted of a small soil sampling program designed to test the provenance of these anomalous silt samples.

Fox Exploration Ltd was contracted to perform the soil survey. A total of nine samplers spent one day on the property and collected 126 soil samples along pre-defined contour lines. Some of the planned sampling sites were not accessible due to steepness and instability of terrain. No geologist was present on the property.

Anomalous Au, As, Pb and Zn values were obtained. The highest value in soils was 159 ppb Au associated with 611 ppm As and anomalous Pb and Zn.

Further work is recommended to ground truth these anomalies and to increase the soil geochem coverage.

INTRODUCTION

LOCATION AND ACCESS

The NBT claims are located in western Yukon, approximately 50 km north of Dawson City Ogilvie Mountains, about 8 km due west of the Tombstone Territorial Park and 35 km west of the Dempster Highway. The project is in the Dawson Mining district, centered on the intersection of NTS maps 116B 06, 07, 10, and 11, and roughly centered at 64 deg. 30' N and 139 deg. W. The claims are located 1km to the east of the U2O claims, together these two claim blocks form Redtail Metals' Borealis project.

Elevations in the project area range from 1,100 m to over 2,000 m in places. Terrain is mountainous and steep. The ruggedness of the terrain impeded mobility on the property. Access is by helicopter from Dawson City where several helicopter charter companies have a base.

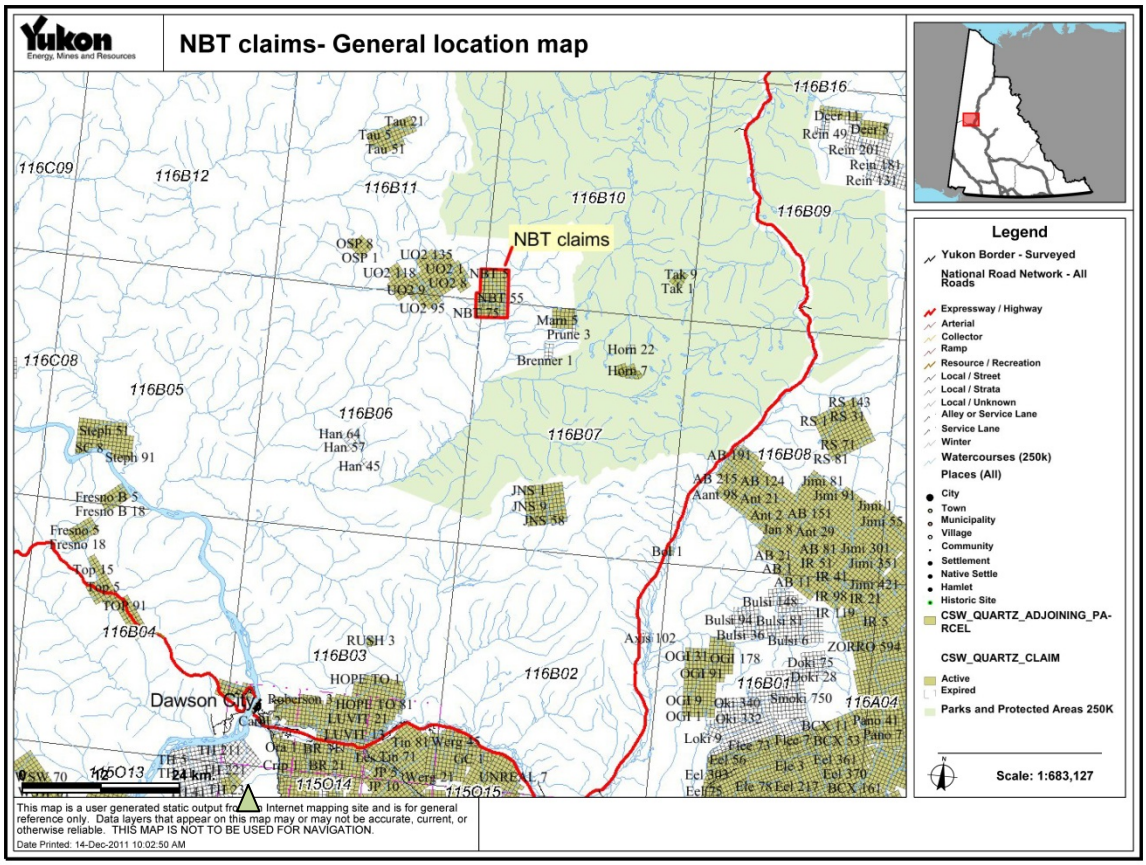

FIGURE 1 GENERAL LOCATION MAP

PROPERTY CLAIMS STATUS

The NBT property consists of 90 2-post contiguous non-surveyed claims, wholly owned by Redtail Metals Corp. Table 1 lists the summary data for these 10 claims, detailed claim data is found in Appendix A. The claim map, displaying the location of the 2011 soil survey, is outlined in figure 2.

TABLE 1 CLAIM DATA

District	Grant Number	Claim Name	Claim Nbr	Claim Owner	NTS Map Number	Renew to date (subject to approval)
Dawson	YD81027-YD81116	NBT	1-90	REDTAIL METALS CORP. - 100%	116B 06, 07, 10	04/04/2014

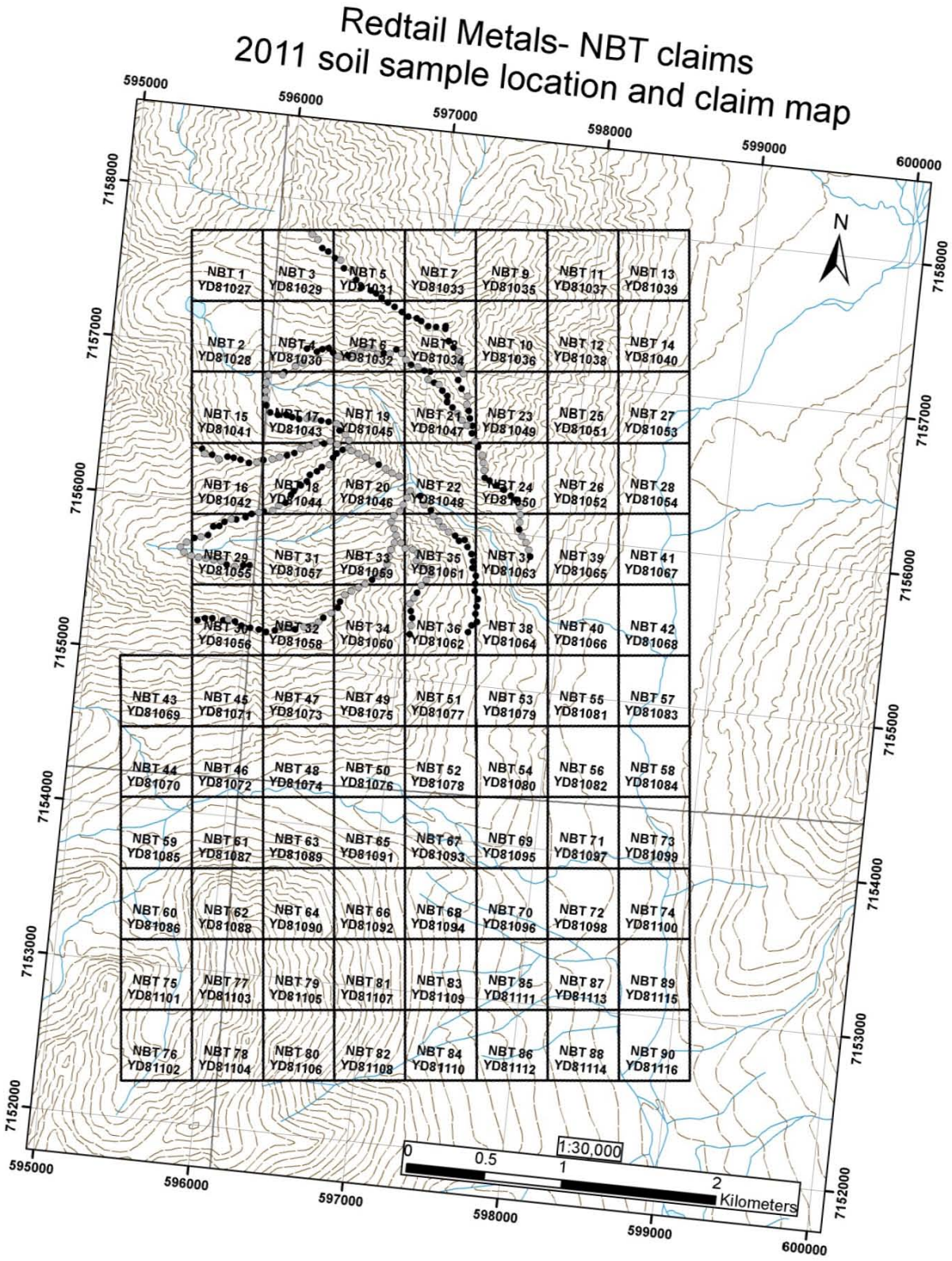

FIGURE 2 CLAIM MAP

REGIONAL GEOLOGY

The Borealis property is located east of the Deadman Stock and west of the Mt Brenner Stock, two mid Cretaceous multiphase granitic units of the Tombstone Suite intrusive complex. The Tombstone plutonic suite, which is defined by its alkalic composition and of which the Deadman pluton is the most northerly member, comprises a northwest-trending string of mid-Cretaceous stocks, dykes and sills that parallel the Tintina Fault. Both the Deadman stock and the Mt Brenner stock host gold mineralization. In addition, uranium mineralization characterizes the Deadman Stock (Minfile 116B 098) while the Mt Brenner stock hosts the Marn skarn deposit (Minfile 116B 147), a gold-bearing pyroxene-scheelite-garnet skarn which has been estimated to host .25MT grading 8.56 g/t gold, 1% copper, 0.1% tungsten and 17.12 g/t silver.

The plutons intrude weakly metamorphosed and deformed Selwyn Basin rocks, which on the NBT claims mainly consist of lower Cambrian coarse clastic Hyland Group, near the transition between the Yusesyu and the Narchilla Formations.

These sediments are repeated in three imbricated northwest verging thrust sheets. The property is located in the structurally lowest Dawson Thrust sheet. Intrusion of the plutons postdate slightly the last thrust movement, they are said to 'stitch' the thrust sheets.

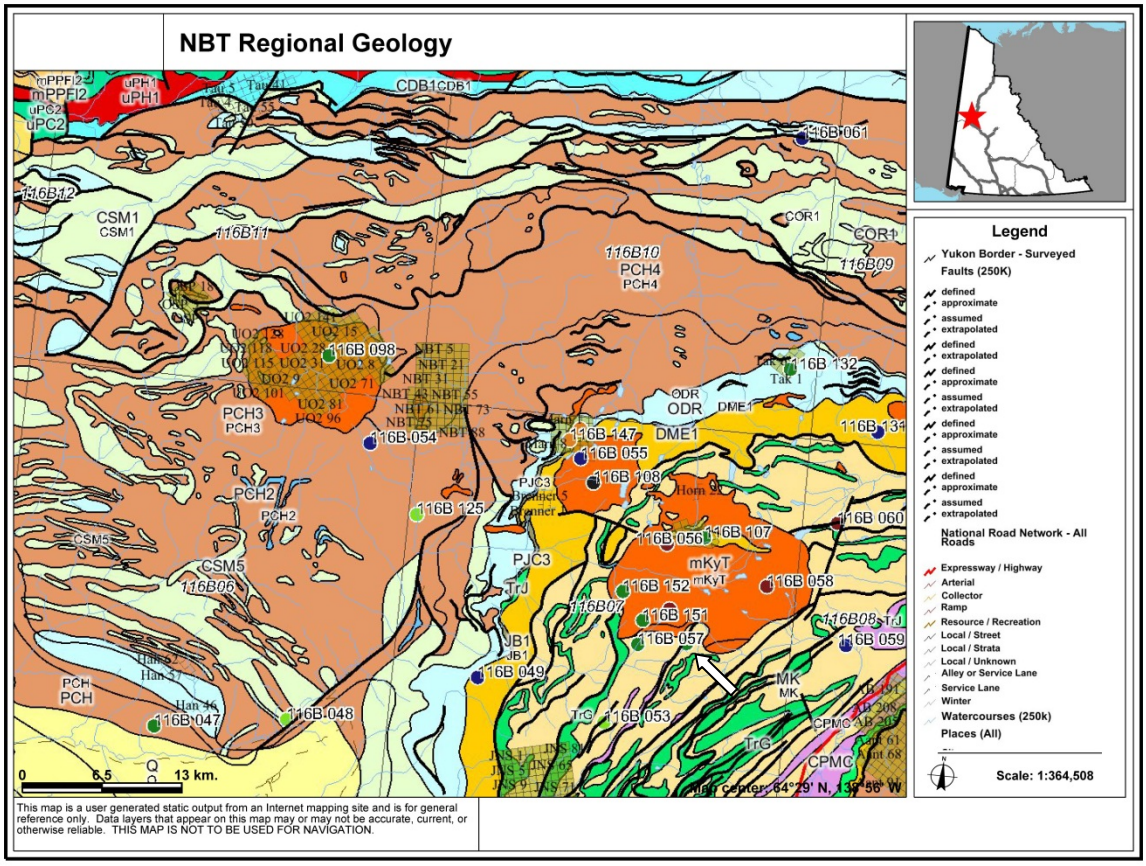

FIGURE 3 REGIONAL GEOLOGY

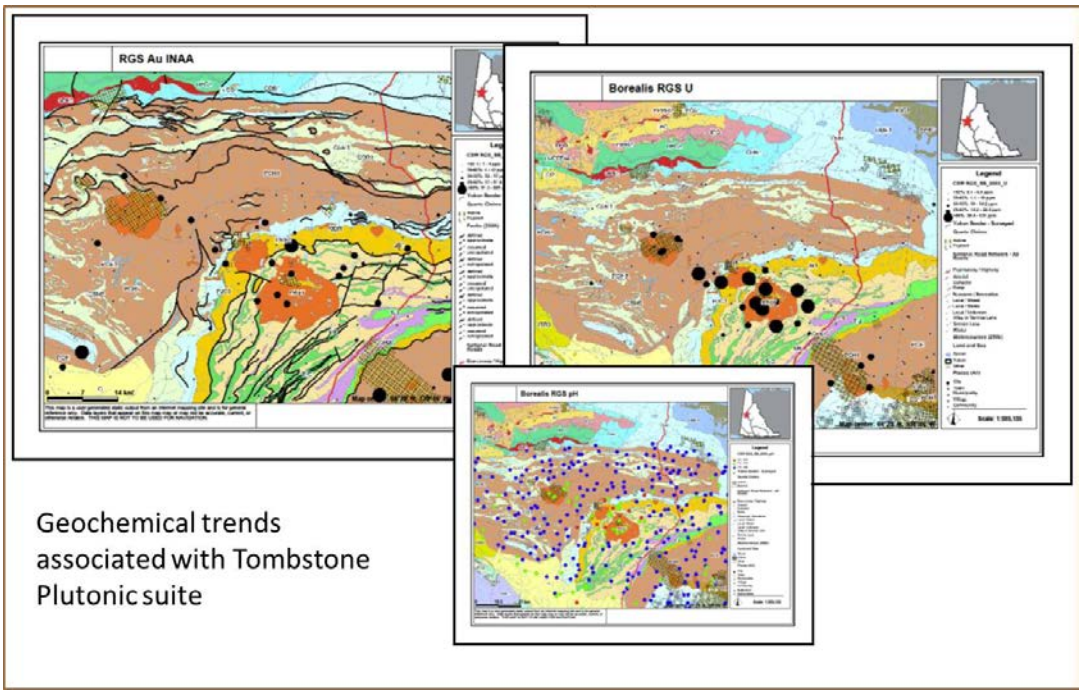

FIGURE 4 AU AND U RGS

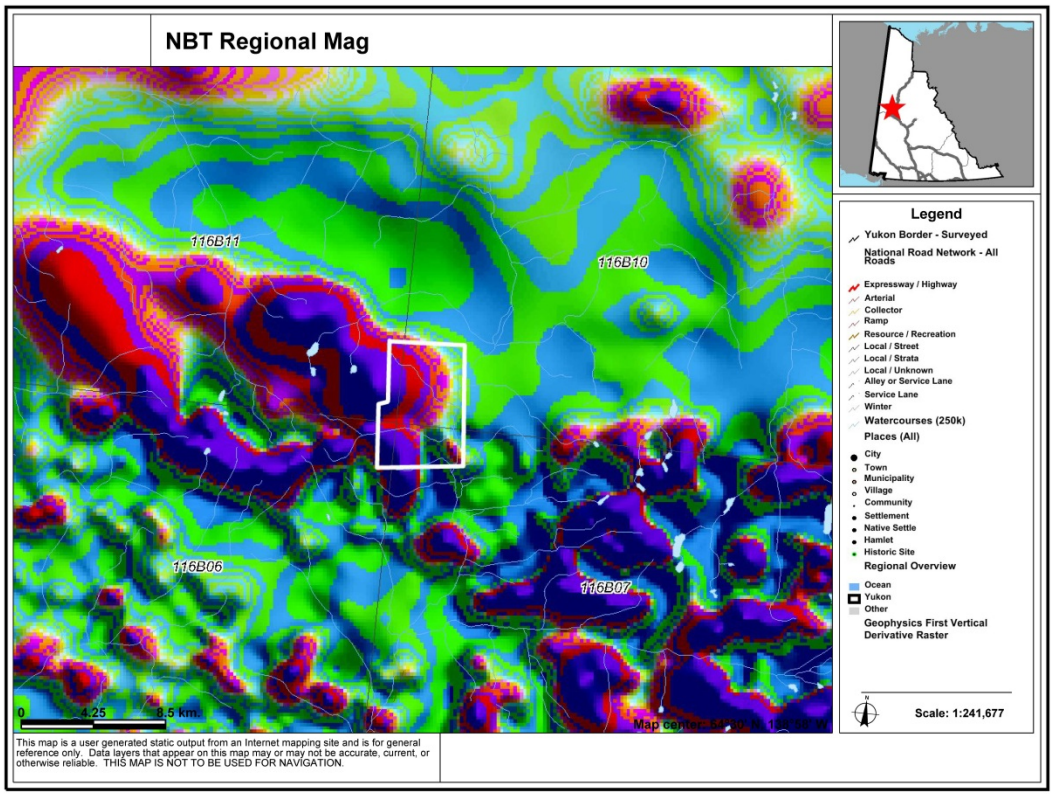

FIGURE 5 NBT REGIONAL MAG

MINERAL POTENTIAL

The area is considered under-explored as mineral exploration in the area has been discouraged since the land withdrawal that led to the creation of the Tombstone Territorial Park. The knowledge base is thought to underestimate the mineral endowment of the area, as new showings are found at each new phase of mineral activity.

The RGS data (Figure 4) shows a northwest trend for incompatible elements (here U), associated with the northwest trend of Cretaceous intrusions of the Tombstone suite. One RGS sample occurs on the NBT claims, it grades 28 ppb Au and ranks between the 90th and 95th percentile for Selwyn Basin. This sample is taken quite low in the same drainage as from the anomalous silt samples from the 2010 U2O exploration program. The highest of these samples graded 787 ppb in silt, about 1 km upstream from this 28 ppb RGS sample.

The Tombstone suite intrusions host vein, skarn and disseminated gold-copper-bismuth, antimony-arsenic-gold, tin-silver and uranium-thorium-fluorine mineralization. The host sedimentary rocks can also host disseminated gold mineralization.

Several showings occur in the Tombstone Batholith. High grade uranium mineralization (up to 2% U3O8) is related to structures but relatively high grade mineralization is also found disseminated through the tinguaite (Minfile 116B 151). In addition to the uranium mineralization, one sample of a rusty fault-vein graded 6.52g/t Au.

Just outside the margin of the Tombstone Batholith, the Spotted Fawn occurrence (Minfile 116b 057) was the site of high grade Pb-Ag mining. On the same claim block, uranium and gold mineralization were later discovered.

The Mt Brenner stock, 13 km to the west of the Deadman stock, is host to uranium mineralization, mostly remobilized along fractures (Minfile 116B 108). Investigations by Héon (2006) during mineral potential studies points to the poorly recognized gold potential of that intrusion. Three rock samples assayed > 2g/t Au, two of them were hosted by the syenite, and the third consisting of a quartz-arsenopyrite vein at the intrusive contact.

The Horn Cu-Au skarn within the Tombstone batholith was the focus of uranium exploration during the 70's (Sumting occurrence). It's only in the 1990's that Shawn Ryan recognized the high-grade gold mineralization in this pyrrhotite- bearing skarn (Minfile 116B 107), yielding values as high as 275g/t Au .

The Marn, Minfile 116B 147, is a skarn deposit at the contact of the Mount Brenner stock containing 0.25M tones at 1%Cu.

The mineral potential of this area is high. As historical exploration efforts focused on various metals, the search for one commodity has at times overshadowed the potential for another one. The mineralizing influence of the Tombstone plutonic suite display itself within the intrusions, in their contact aureoles or in more distal mineralized veins and structures.

PROPERTY GEOLOGY

There is no detailed information for this area. The regional map indicates that two small intrusions have been mapped on the southwestern corner of the claims. The regional mag map indicates that the high magnetic signature of the Deadman Stock extends onto the NBT claims, it also shows that a small high mag occurs in the SW corner of the claim block. Recent glacial sediments occur in the main N-S drainage.

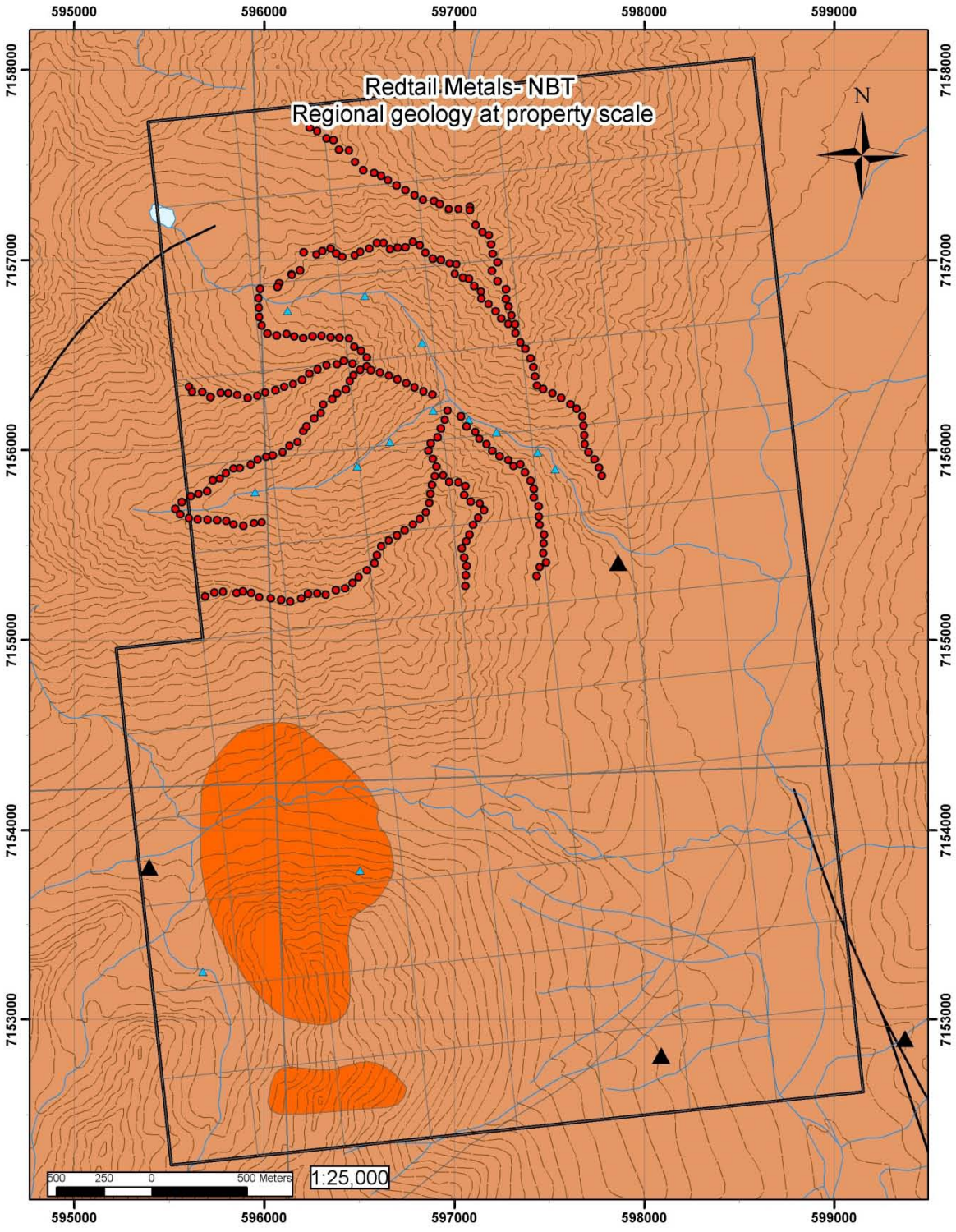

FIGURE 6 GEOLOGY- PROPERTY SCALE

REK- Regional Geology Legend

MID-CRETACEOUS

mKT: TOMBSTONE SUITE

plutonic suite dominated by felsic (q) to syenitic (y) compositions

y. medium- to coarse-grained biotite-hornblende-clinopyroxene syenite, quartz syenite; tourmaline orbicular granite; hornblende +/- biotite alkali-feldspar syenite; hornblende-biotite monzogranite; clinopyroxenite, diorite, and pseudoleucite tinguaite **(Tombstone Suite)**

q. medium- to coarse-grained, locally porphyritic biotite +/- horn-blende, clinopyroxene granite, quartz monzonite and granodiorite **(Tombstone Suite)**

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH: HYLAND

consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) **(Hyland Gp.)**

1. thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble **(Hyland Gp., Yusezyu)**

PREVIOUS WORK

A creek east of the U2O claims was prospected during the 2010 field program. Four silt samples yielded gold values ranging between 110 and 787 ppb. These results prompted the staking of the NBT claims, and point to the previously unrecognized gold potential of this area, possibly associated with the thermal aureole and satellite intrusions of the Deadman Stock, which underlies the U2O claims.

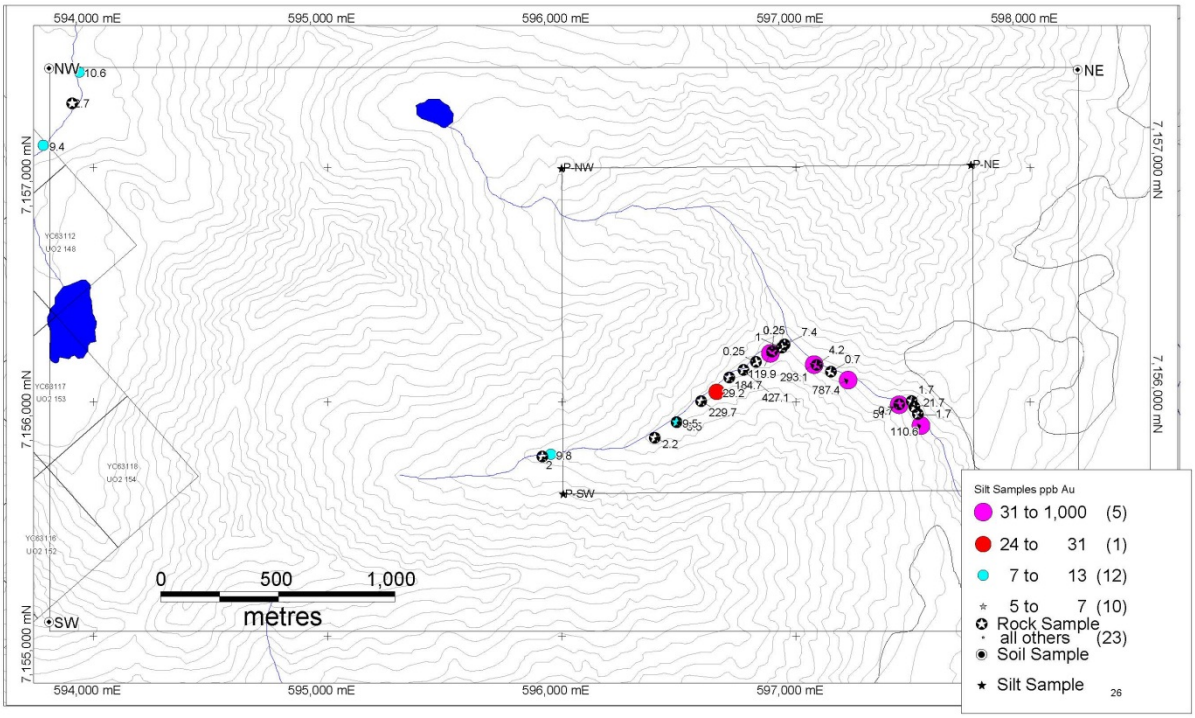

FIGURE 7 RESULTS OF 2010 PROGRAM

DESCRIPTION OF 2011 WORK PROGRAM

Fox Exploration Ltd was contracted to perform the soil survey. A total of nine samplers spent one day on the property and collected 126 soil samples along pre-defined contour lines. Some of the planned sampling sites were not accessible due to steepness and instability of terrain. The crew was based in Dawson, no camp was set-up. No geologist was present on the property.

A total of 126 samples were sent for assay.

Anomalous Au, As, Pb and Zn values were obtained. The highest value in soils was 159 ppb Au associated with 611 ppm As and anomalous Pb and Zn. Significant results are outlined in Table 2 below and the raw data is found in Appendices B and D.

METHODOLOGY

Lines were traversed by foot using an integrated hand-held GPS as navigation tool. Waypoints were pre-determined by Redtail Metals and pre-loaded in the GPS units.

Sample sites/stations were marked with flagging. Sample descriptions were noted on paper only. At each sample site, a hole was dug. The target was the bottom of the B horizon, if developed. Talus fines probably describe best most of the samples. The soil was collected in a paper Kraft bag; the geographic location, sample characteristics were recorded on paper card.

Field duplicates were planned to be collected at frequency of every 50 samples. Two pairs of duplicates were taken. These consisted of a second sample collected from a separate pit located within a few meters from the original sample site.

Samples were shipped out by the contractor to the Acme sample prep lab, in rice bags sealed with security tags.

Assay Methodology

Samples were analysed by ICP-MS (Acme Group 1DX2) whereby a 15g sample of pulp is leached in a hot Aqua Regia solution and analysed for a suite of 36 elements. Any samples that would return gold grades > 1g/t, or overlimit grades for Cu, Pb or Zn were to be re-analysed by a more appropriate assay method.

Results

A total of 126 samples were analyzed for a suite of 36 elements. A total of 123 sample sites (~50% of stations) did not yield enough soil to produce a sample. The results of this survey should therefore be considered very preliminary.

The sites that were sampled did yield several multi-element anomalies worthy of follow up. Significant results are highlighted in Table 2 below, and geochemical maps showing sample id, and results for Au, As, Fe and Pb and found in in Appendix C. Silt samples displayed on these maps are from the 2010 field work and from the Yukon RGS database.

The Au-As association and local Pb-Cu one does point out to an intrusion-related signature, characteristic of the mineralization associated with intrusions of the Tombstone plutonic suite. This soil survey can be used as a preliminary survey which results justifies further work.

Several samples grade >6% Fe, and some of these correspond to high Au and As perhaps pointing to a sulphide component to the soil, unless mafic volcanic rocks are responsible for this high iron content.

TABLE 2 SIGNIFICANT SOIL RESULTS

Sample id	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au_ppb	Sb	Bi	Ba
1336496	59	**177.4**	**275**	0.2	37.2	49.2	1668	3.57	20.6	3.6	1.1	0.5	90
1336497	63.5	**105.6**	**233**	0.2	50.6	46.5	2652	3.67	18.4	3.8	1.1	0.6	58
1338003	46.9	**95.5**	**278**	0.3	27.5	12.3	1288	2.66	70.1	**91.5**	1	0.7	114
1336909	44.1	**150.8**	102	0.1	**167.9**	32.7	760	3.71	11.6	1.4	0.2	1.5	**1194**
1337224	93.4	**413.5**	**383**	1.1	48	65.2	2755	4.92	45.2	19.4	**3.5**	0.9	82
1337228	83.7	44.7	81	0.2	167	54.3	2562	**6.4**	117.8	11.4	1.6	0.7	141
1337229	190.7	26.3	77	0.2	**98.5**	40.1	1758	**5.16**	84.7	8.1	**3.7**	2	88
1337231	105.5	46.5	135	0.3	63.2	40.8	**3111**	**7.7**	75.2	**155**	1.4	0.5	151
1337232	49.9	92.9	90	0.1	**221.1**	41.8	**1957**	**5.93**	69.1	5.6	0.9	0.5	100
1337233	94.2	30.6	114	0.1	**114.4**	43.4	**3660**	**8.51**	89.6	8.9	1.7	0.5	150
1337234	63.9	88.9	95	0.3	224	58.7	**6424**	**6.7**	**613.8**	4.7	2.2	0.4	166
1337235	117.4	27.3	110	0.3	**285.1**	56.6	**3944**	**9.42**	**194.4**	8.8	1.8	0.8	150
1337795	84.9	**392.6**	**480**	1.4	65.8	61	1356	4.39	37.3	3	**4.6**	0.9	78
1337819	97.7	27.1	91	0.4	37.9	45.7	2678	**6.35**	**289.7**	23.6	2.5	2.5	83
1337820	113.7	26.4	84	0.3	56.1	**106.9**	**3080**	5.1	30.4	9.4	1.7	1	81
1337828	150.4	33.9	127	0.2	73.6	**126.5**	2785	5.42	47.7	5.1	1.7	0.9	83
1337829	248.7	45.5	103	0.3	71.8	97.1	2794	**7.38**	43.3	8.2	2.7	1.9	70
1337830	123.2	68.2	75	0.7	26.3	25.3	1384	**6.94**	55.1	2.7	**7.9**	1.4	69
1337831	78.3	53.5	134	0.2	39.2	34.8	1707	5.06	147.9	9.8	**4.4**	1	77
1337832	117	84.6	169	0.4	68.8	70.2	2659	5.86	157.5	8.5	**5.4**	1.3	63
1337833	135.4	33.5	125	0.3	50.9	44.7	1179	5.55	124.2	11.3	**3.3**	1	76
1338059	210.7	29.9	127	0.2	81	**102.6**	4326	5.23	31.2	13.6	2	1.4	83
1338402	70.9	68.8	122	0.2	**291.8**	64.1	3408	**7.74**	88.6	0.7	0.7	0.3	162
1338403	98.4	**1052.2**	**230**	0.7	92.2	35.2	1318	4.32	133.1	5.3	2.5	0.6	142
1338415	45.6	20.1	70	<0.1	**209.3**	48.6	1630	6.59	73.9	3.3	0.6	1	84
1338418	29.9	25.8	110	<0.1	322.2	62.2	**7135**	**9.77**	**378.3**	27	2.5	0.8	278
1338420	**555.5**	**183.4**	77	**1.8**	53.6	75	1310	4.82	**610.9**	**159**	8.7	**9.8**	40

CONCLUSIONS AND RECOMMENDATIONS

Metal response from the soil sampling program was interesting as several samples were anomalous in gold and/or in pathfinder elements. A more thorough coverage of the drainage basin is needed and planned lines should be adapted on the spot to maximize the success of finding soils or talus fines. Care should be taken to avoid areas of thick glacial sediments.

The rest of the property remains unexplored, and systematic silt sampling of all the creeks would help delineate other areas of interest. In particular, the high mag area in the SE corner of the claim block should be investigated to test the potential of finding an unmapped intrusion.

The regional map shows two small intrusions on the western edge of the claim block. This provides an additional prospecting and sampling target.

Prospecting is recommended in the drainages and on the ridges that were sampled, with a particular attention to following up on soils anomalous in Au, As, Pb and Fe.

The geochemical signature of the soils confirms this property to be in an environment with good potential for discovery of mineralization as supported by favourable geology, metallogeny and RGS data. Prospecting should include a mapping component, in order to give a geological context to the results

REFERENCES

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STATEMENT OF QUALIFICATIONS

I, Danièle Héon, of:

12 Marigold Place
Whitehorse, YT
Y1A 6A2

hereby certify that:

1. I am a geologist with Redtail Metals Corp, with head office address at 11th floor, 888 Dunsmuir, Vancouver, B.C.

2. I am a graduate of McGill University, Montréal, Québec, with a degree in geology (B.Sc., 1983) and have been involved in geology and mineral exploration in Canada since 1979 and in the Yukon since 1990.

3. I am registered as a professional geoscientist with the Ordre des Géologues du Québec (no. 1510).

4. I am a member of the Yukon Chamber of Mines, the Society of Economic Geology and AME BC.

5. I am the author of this report on the NBT claims, I have compiled the data and supervised the work described but have not personally visited the property.

6. This report is intended to satisfy assessment requirements only.

July 23, 2012

Danièle Héon, B.Sc., P.Geo.

APPENDIX A- CLAIM DATA

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner (transfer to Redtail Metals pending)	NTS MapNumber	Years to Renew	Renewed to Date
Dawson	YD81027	Quartz	NBT	1	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81028	Quartz	NBT	2	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81029	Quartz	NBT	3	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81030	Quartz	NBT	4	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81031	Quartz	NBT	5	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81032	Quartz	NBT	6	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81033	Quartz	NBT	7	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81034	Quartz	NBT	8	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81035	Quartz	NBT	9	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81036	Quartz	NBT	10	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81037	Quartz	NBT	11	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81038	Quartz	NBT	12	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81039	Quartz	NBT	13	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81040	Quartz	NBT	14	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81041	Quartz	NBT	15	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81042	Quartz	NBT	16	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81043	Quartz	NBT	17	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81044	Quartz	NBT	18	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81045	Quartz	NBT	19	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81046	Quartz	NBT	20	Redtail Metals Corp-100%	116B10	2	04/04/2014
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Dawson	YD81053	Quartz	NBT	27	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81054	Quartz	NBT	28	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81055	Quartz	NBT	29	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81056	Quartz	NBT	30	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81057	Quartz	NBT	31	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81058	Quartz	NBT	32	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81059	Quartz	NBT	33	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81060	Quartz	NBT	34	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81061	Quartz	NBT	35	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81062	Quartz	NBT	36	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81063	Quartz	NBT	37	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81064	Quartz	NBT	38	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81065	Quartz	NBT	39	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81066	Quartz	NBT	40	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81067	Quartz	NBT	41	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81068	Quartz	NBT	42	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81069	Quartz	NBT	43	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81070	Quartz	NBT	44	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81071	Quartz	NBT	45	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81072	Quartz	NBT	46	Redtail Metals Corp-100%	116B11	2	04/04/2014
Dawson	YD81073	Quartz	NBT	47	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81074	Quartz	NBT	48	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81075	Quartz	NBT	49	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81076	Quartz	NBT	50	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81077	Quartz	NBT	51	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81078	Quartz	NBT	52	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81079	Quartz	NBT	53	Redtail Metals Corp-100%	116B10	2	04/04/2014

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner (transfer to Redtail Metals pending)	NTS MapNumber	Years to Renew	Renewed to Date
Dawson	YD81080	Quartz	NBT	54	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81081	Quartz	NBT	55	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81082	Quartz	NBT	56	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81083	Quartz	NBT	57	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81084	Quartz	NBT	58	Redtail Metals Corp-100%	116B10	2	04/04/2014
Dawson	YD81085	Quartz	NBT	59	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81086	Quartz	NBT	60	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81087	Quartz	NBT	61	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81088	Quartz	NBT	62	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81089	Quartz	NBT	63	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81090	Quartz	NBT	64	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81091	Quartz	NBT	65	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81092	Quartz	NBT	66	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81093	Quartz	NBT	67	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81094	Quartz	NBT	68	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81095	Quartz	NBT	69	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81096	Quartz	NBT	70	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81097	Quartz	NBT	71	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81098	Quartz	NBT	72	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81099	Quartz	NBT	73	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81100	Quartz	NBT	74	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81101	Quartz	NBT	75	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81102	Quartz	NBT	76	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81103	Quartz	NBT	77	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81104	Quartz	NBT	78	Redtail Metals Corp-100%	116B06	2	04/04/2014
Dawson	YD81105	Quartz	NBT	79	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81106	Quartz	NBT	80	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81107	Quartz	NBT	81	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81108	Quartz	NBT	82	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81109	Quartz	NBT	83	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81110	Quartz	NBT	84	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81111	Quartz	NBT	85	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81112	Quartz	NBT	86	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81113	Quartz	NBT	87	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81114	Quartz	NBT	88	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81115	Quartz	NBT	89	Redtail Metals Corp-100%	116B07	2	04/04/2014
Dawson	YD81116	Quartz	NBT	90	Redtail Metals Corp-100%	116B07	2	04/04/2014

APPENDIX B- SOIL SAMPLE LOCATION DATA

SampleID	DupSampleID	UTM E NAD83_7	UTM N NAD83_7		SampleID	DupSampleID	UTM E NAD83_7	UTM N NAD83_7
1165995		595688.54	7155229.48		1337233		596307.01	7157048.73
1165996		595736.06	7155249.6		1337794		596505.84	7156423.18
1165997		595783.43	7155254.21		1337795		596746.01	7156350.33
1165998		595853.84	7155247.73		1337813		595727.34	7155841.79
1165999		595931.35	7155247.6		1337814		595766.87	7155849.25
1166000		595973.73	7155224.63		1337815		595797.02	7155879.87
1336491		597140.86	7156834.14		1337816		595870.19	7155903.41
1336492		597142.32	7156797.03		1337817		595929.57	7155923.04
1336493		597179.77	7156768.36		1337818		595964.49	7155949.89
1336494		597287.23	7156756.11		1337819		596043.95	7155971.31
1336495		597300.97	7156709.5		1337820		596174.16	7156042.49
1336496		597320.9	7156663.38		1337821		596204.78	7156098.27
1336497		597321.98	7156615.79		1337822		596221.61	7156124.52
1336498		597372.56	7156532.84		1337823		596260.9	7156166.12
1336499		597434.24	7156337.78		1337824		596296.86	7156195.48
1336500		597467.6	7156322.07		1337825		596311.24	7156239.99
1336743		597432.07	7155336.37		1337826		596356.19	7156267.8
1336744		597450.32	7155383.01		1337827		596383.26	7156297.16
1336745		597484.01	7155409.32		1337828		596450.46	7156363.63
1336746		597469.1	7155458.52		1337829		596468.3	7156394.29
1336747		597470.74	7155507.88		1337830		596472.96	7156542.93
1336748		597473.35	7155555.17		1337831		596395.27	7156591.12
1336749		597448.68	7155605.61		1337832		596347.96	7156593.48
1336750		597444.57	7155651.3		1337833		596204.21	7156588.67
1336901		597443.92	7155702.57		1337834		596158.39	7156597.01
1336902		597417.37	7155750.36		1337835		596118.31	7156610.64
1336903		597417.96	7155795.54		1337836		596065.03	7156602.44
1336904		597400.65	7155839.67		1337837	1337838	596015.47	7156612.82
1336905		597371.83	7155883.04		1337838	1337837	596015.47	7156612.82
1336906		597348.18	7155926.59		1338001		596032.77	7155218.79
1336907		597312.58	7155915.83		1338002		596087.58	7155211.71
1336908		597284.95	7155945.83		1338003		596135.83	7155203.87
1336909		597111.38	7156095.29		1338004		596193.71	7155218.19
1336910		597034.01	7156177.57		1338005		596321.97	7155239.08
1337223		597104	7156863.18		1338006		596495.88	7155331.33
1337224		597045.16	7156908.59		1338007		596580.08	7155404.92
1337225		597012.15	7156977.12		1338008		596591.44	7155446.54
1337226		596975.61	7156981.3		1338009		596782.82	7155608.39
1337227		596887.06	7157008.37		1338056		595699.39	7155783.46
1337228		596781.47	7157097.01		1338057		595614.42	7155757.04
1337229		596702.43	7157065.06		1338058		595838.4	7155607.19
1337230		596476.41	7157025.1		1338059		595945.87	7155614.81
1337231		596378.49	7157034.38		1338060		595986.94	7155618.22
1337232		596348	7157060.17		1338401		596238.15	7157696.49

SampleID	DupSampleID	UTM E NAD83_7	UTM N NAD83_7		SampleID	DupSampleID	UTM E NAD83_7	UTM N NAD83_7
1338402		596279.23	7157679.8		NoSample113		595837.13	7155903.11
1338403		596326.81	7157640.14		NoSample114		595653.75	7155769.52
1338404		596391.86	7157581.88		NoSample115		595565.2	7155725.62
1338405		596477.3	7157516.65		NoSample116		595530.61	7155689.67
1338406		596518.9	7157473.11		NoSample117		595556.15	7155660.38
1338407		596577.55	7157459.3		NoSample118		595602.46	7155641.99
1338408		596615.12	7157443.09		NoSample119		595650.63	7155636.28
1338409		596651.7	7157420.27		NoSample12		596819.06	7155636.67
1338410		596694.74	7157392.63		NoSample120		595700.42	7155633.78
1338411		596742.45	7157368.35		NoSample121		595750.32	7155630.58
1338412		596791.55	7157342.23		NoSample122		595799.71	7155627.58
1338413		596836.11	7157316.34		NoSample123		595889.86	7155602.02
1338414		596891.91	7157309.91		NoSample13		596850.62	7155671.93
1338415		596921.82	7157296.5		NoSample14		596866.3	7155719.2
1338416		596970.69	7157267.7		NoSample15		596873.5	7155768.44
1338417		597020.87	7157267.28		NoSample16		596881.8	7155815.91
1338418		597081.69	7157280.17		NoSample17		596897.63	7155862.84
1338419		597081.25	7157261.55		NoSample18		596904.86	7155912.23
1338420		597112.85	7157185.77		NoSample19		596886.11	7155953.16
1338421		597148.36	7157148.18		NoSample2		596229.67	7155243.48
1338422		597198.11	7156943.64		NoSample20		596863.02	7155996.4
1338423		597227.43	7156888.31		NoSample21		596876.58	7156035.92
1338451		597517.36	7156298.44		NoSample22		596911.15	7156066.78
1338452		597560.94	7156275.67		NoSample23		596929.43	7156113.32
1338453		597609.47	7156241.64		NoSample24		596948.83	7156159.4
1338454		597645.1	7156218.57		NoSample25		596964.41	7156206.86
1338455		597685.97	7156031.6		NoSample26		596941.89	7155866.3
1338456		597775.15	7155864.01		NoSample27		596972.58	7155831.91
NoSample1		595885.88	7155257.48		NoSample28		597022.46	7155829.72
NoSample10		596696.98	7155550.71		NoSample29		597056.87	7155808.93
NoSample100		595970.13	7156799.77		NoSample3		596279.15	7155245.76
NoSample101		595970.82	7156749.78		NoSample30		597052.16	7155761.52
NoSample102		595973.47	7156699.85		NoSample31		597085.49	7155728.32
NoSample103		596253.65	7156598.59		NoSample32		597134.48	7155718.8
NoSample104		596301.98	7156601.25		NoSample33		597156.7	7155683.5
NoSample105		596446.02	7156587.01		NoSample34		597126.34	7155644.81
NoSample106		596509.89	7156522		NoSample35		597098.36	7155605.47
NoSample107		596539.01	7156487.61		NoSample36		597062.03	7155519.37
NoSample108		596539.91	7156439.05		NoSample37		597038.9	7155482.45
NoSample109		596428.95	7156319.02		NoSample38		597060.2	7155341.47
NoSample11		596737.92	7155579.24		NoSample39		597064.26	7156125.18
NoSample110		596132.11	7156022.77		NoSample4		596376.35	7155262.26
NoSample111		596097.05	7155988.07		NoSample40		597130.92	7156059.19
NoSample112		596010.29	7155964.18		NoSample41		597169.2	7156031.36

SampleID	DupSampleID	UTM E NAD83_7	UTM N NAD83_7
NoSample42		597198.81	7155996.2
NoSample43		597238.59	7155968
NoSample44		596883.28	7156291.84
NoSample45		596836.62	7156308.1
NoSample46		596791.61	7156329.85
NoSample47		596700.72	7156371.52
NoSample48		596654.84	7156391.37
NoSample49		596607.8	7156408.3
NoSample5		596425.09	7155270.81
NoSample50		596559.72	7156421.82
NoSample51		596465.18	7156454.14
NoSample52		596418.1	7156470.32
NoSample53		596326.28	7156447.24
NoSample54		596281.56	7156424.88
NoSample55		596236.94	7156402.32
NoSample56		596104.51	7156331.92
NoSample57		596058.08	7156314.34
NoSample58		595962.26	7156285.89
NoSample59		595715.05	7156279.49
NoSample6		596464.56	7155301.51
NoSample60		595619.91	7156306.32
NoSample61		597759.72	7155905.99
NoSample62		597738.27	7155951.1
NoSample63		597706.06	7155989.35
NoSample64		597684.88	7156078.81
NoSample65		597680.7	7156128.43
NoSample66		597674.5	7156178.04
NoSample67		597423.76	7156386.64
NoSample68		597414.73	7156435.81
NoSample69		597401.35	7156483.47
NoSample7		596539.81	7155366.95
NoSample70		597347	7156566.86
NoSample71		597270.81	7156796.61
NoSample72		597270.81	7156846.61
NoSample73		597226.82	7156988.49
NoSample74		597202.18	7157031.96
NoSample75		597193.61	7157081.22
NoSample76		597181.84	7157129.43
NoSample77		596445.24	7157576.83
NoSample78		596362.53	7157632.6
NoSample79		596201.78	7157751.57
NoSample8		596615.08	7155494.45
NoSample80		596161.3	7157780.92
NoSample81		597283.73	7156664.06
NoSample82		597245.78	7156692.74
NoSample83		597215.93	7156730.9
NoSample84		597077.74	7156901.22
NoSample85		597003.31	7156927.2
NoSample86		596928.21	7157000.27
NoSample87		596847.67	7157039.45
NoSample88		596817.57	7157077.01
NoSample89		596741.61	7157067
NoSample9		596655.1	7155524.02
NoSample90		596661.48	7157058.2
NoSample91		596627.19	7157089.4
NoSample92		596591.68	7157090.45
NoSample93		596551.83	7157061.18
NoSample94		596505.59	7157043.04
NoSample95		596410.58	7157015.25
NoSample96		596186.86	7156946.87
NoSample97		596144.13	7156921.62
NoSample98		596068.57	7156859.84
NoSample99		595977.45	7156848.62

APPENDIX C- GEOCHEM MAPS

Redtail Metals- NBT 2011 soils
Sample-Location Map

596000 597000

7158000 7157000 7156000 7155000

N

1338401 1338402 1338403 1338404 1338405 1338406 1338409 1338408 1338410 1338412 1338411 1338413 1338417 1338418 1338415 1338419 1338416 1338420 1338421 1337228 1337233 1337235 1337234 1337230 1337227 1337226 1337236 1337237 1338422 1338423 1337224 1337223 13364910 1336492 1336494 13364930 1336495 1336496 1336497 1337238 1337837 1337836 1337832 1337831 1337830 1336498 1338451 1336500 1338452 1338453 1338454 1337784 1337787 1337790 1337791 1337792 1337828 1337829 1337795 1337788 1337789 1337825 1337827 1337826 1337824 1337823 1337821 1337822 1337820 1336910 1336909 1337818 1337819 1337817 1336908 1336907 1338455 1338456 1337814 1337815 1336905 1336904 1337813 1338056 1336903 1338057 1336902 1336901 1338059 1338060 1336750 1336749 1338058 1338009 1337745 1336748 1336747 1338008 1337744 1336746 1338007 1337743 1336745 1336744 1338006 1336743 1337742 1165995 1165998 1165997 1166000 1338004 1338002 1338003 1338005

1:10,000

500 250 0 500 Meters

Legend

RGS Silt sample

NBT_20111202_SoilAssays2011

<all other values>

SampleID

no sample

BOR_20110521_SiltsAssays2010

<all other values>

Redtail Metals--NBT 2011 Soils
Au-As

596000
597000
7158000
7157000
7156000
7155000

N

27 ppb Au
378.3 ppm As

159 ppb Au
610.9 ppm As

155 ppb Au

613.8 ppm As

119 ppb Au in silt

293 ppb Au in silt

787 pp-b Au in silt

110 ppb Au in silt

289.7 ppm As

91.5 ppb Au

28 ppb Au,
120 ppm As
RGSsilt

Legend

RGS Silt sample

NBT_20111202_SoilAssays2011

Au_ppb

no sample
0.5 - 25 ppb
25.1 ppb - 75ppb
75.1 - 159 ppb

BOR_20110521_SiltsAssays2010

Au

0.2 - 16.7 ppb
16.71 - 51 ppb
51.01 - 119.9 ppb
119.91 - 293.1 ppb
293.100001 - 787.400000

1:10,000

500 250 0 500 Meters

Redtail Metals- NBT 2011 soils
As

596000 597000

7158000 7157000 7156000 7155000

N

1:10,000

500 250 0 500 Meters

Legend

RGS Silt sample

NBT_20111202_SoilAssays2011

Ars_ppm

- no sample
- -9998.999999 - 27.400000
- 27.400001 - 89.900002
- 89.900003 - 289.700012
- 289.700013 - 613.799988

BOR_20110521_SiltsAssays2010

As_

- 4.5 - 17.6
- 17.61 - 39.5
- 39.51 - 80.6
- 80.61 - 140.1
- 140.11 - 230 ppm

Redtail Metals- NBT 2011 soils
Pb- with significant Cu- Zn

596000 597000

7158000 7157000 7156000 7155000

N

1052 ppm Pb

139.5 ppm Pb

183.4 ppm Pb
555.5 ppm Cu

413.5 ppm Pb
383 ppm Zn

177.4 ppm Pb

105.6 ppm Pb

392.6 ppm Pb
480 ppm Zn

150 ppm Pb
1194 ppm Ba

95.5 ppm Pb

1:10,000

500 250 0 500 Meters

Legend

RGS Silt sample

NBT_20111202_SoilAssays2011

Pb_ppm

- no sample
- 0.1 - 35 ppm
- 35.1 - 90 ppm
- 90.1 - 200
- 200.1 - 1053

BOR_20110521_SiltsAssays2010

Pb

- 12.6 - 20.8 ppm ppm
- 20.81 - 27.6 ppm
- 27.61 - 38.1 ppm
- 38.11 - 54.3 ppm
- 54.31 - 122.4 ppm

Redtail Metals - NBT 2011 Soils
Fe %

596000
597000
7158000
7157000
7156000
7155000

N

27 ppb Au
378.3 ppm As

155 ppb Au

159 ppb Au
610.9 ppm As

613.8 ppm As

289.7 ppm As

91.5 ppb Au

Legend

RGS Silt sample

NBT_20111202_SoilAssays2011

Fe_pct

-9999.000000
-9998.999999 - 0.000000
0.000001 - 3.780000
3.780001 - 5.960000
5.960001 - 9.770000

1:10,000

500 250 0 500 Meters

APPENDIX D- ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Golden Predator Canada Corp.**
11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4 Canada

Submitted By: Hugh Baker
Receiving Lab: Canada-Dawson City
Received: September 08, 2011
Report Date: September 26, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000304.1

CLIENT JOB INFORMATION

Project: Redtail/NBT
Shipment ID: NBT-2011-S-1
P.O. Number Quotation NA-11-435
Number of Samples: 135

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	135	Dry at 60C			DAW
SS80	135	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	134	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Golden Predator Canada Corp.
11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4
Canada

CC: Andrew Caldwell
Jack Cote

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
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11th Floor, 888 Dunsmuir Street
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1336491	Soil	1.0	64.9	36.5	87	<0.1	70.4	60.1	2473	3.96	30.5	14.9	3.0	16	0.1	1.6	0.6	49	0.12	0.077	22
1336492	Soil	1.3	190.8	67.2	95	0.3	83.2	96.3	3623	5.25	75.6	18.5	6.4	10	0.1	3.2	1.1	49	0.07	0.089	20
1336493	Soil	1.0	132.7	42.6	97	0.1	106.2	89.6	3268	4.00	26.3	11.4	3.4	14	0.1	2.2	0.9	39	0.10	0.085	15
1336494	Soil	1.6	41.6	19.3	78	0.2	28.5	26.2	1381	3.68	21.9	4.3	0.4	10	0.3	1.1	0.5	59	0.07	0.078	11
1336495	Soil	1.2	45.3	19.2	69	<0.1	51.2	43.4	1119	3.52	35.4	4.0	1.2	27	0.1	1.6	0.4	46	0.08	0.070	13
1336496	Soil	1.2	59.0	177.4	275	0.2	37.2	49.2	1668	3.57	20.6	3.6	1.8	11	0.6	1.1	0.5	42	0.07	0.074	17
1336497	Soil	0.9	63.5	105.6	233	0.2	50.6	46.5	2652	3.67	18.4	3.8	5.3	11	0.9	1.1	0.6	32	0.08	0.065	26
1336498	Soil	1.5	50.7	44.3	99	0.1	28.0	44.6	3504	5.12	23.0	2.6	2.4	10	0.3	1.1	0.6	56	0.06	0.103	15
1336499	Soil	1.1	24.3	12.3	51	<0.1	25.1	18.2	533	3.03	11.9	2.5	4.1	14	0.1	0.8	0.3	62	0.12	0.030	13
1336500	Soil	1.2	20.7	12.6	58	<0.1	21.7	15.6	873	2.96	12.1	16.6	4.4	10	0.2	0.7	0.3	56	0.12	0.060	15
1338001	Soil	0.8	18.4	9.5	56	<0.1	17.5	8.4	415	2.57	13.8	6.2	1.1	9	<0.1	0.6	0.2	46	0.10	0.042	13
1338002	Soil	1.0	54.4	8.7	77	<0.1	30.7	16.6	634	2.30	16.5	11.0	2.9	13	0.1	0.7	0.2	40	0.16	0.050	13
1338003	Soil	0.7	46.9	95.5	278	0.3	27.5	12.3	1288	2.66	70.1	91.5	4.4	15	1.0	1.0	0.7	40	0.19	0.040	25
1338004	Soil	0.6	63.6	18.2	43	<0.1	19.1	8.9	7341	1.81	7.7	1.6	1.9	19	0.4	0.8	0.4	36	0.45	0.062	17
1338005	Soil	0.2	4.1	16.1	42	<0.1	21.8	11.5	3961	1.83	4.5	1.8	1.7	13	0.3	0.3	0.4	16	0.34	0.056	32
1338006	Soil	1.3	21.2	22.6	66	<0.1	15.9	12.2	968	2.71	11.6	4.2	0.4	13	<0.1	0.7	0.3	57	0.13	0.059	11
1338007	Soil	0.7	17.0	57.1	92	0.2	22.6	9.6	294	2.40	41.5	4.4	3.2	19	0.2	1.6	0.1	32	0.14	0.026	9
1338008	Soil	0.4	16.9	19.5	46	0.1	23.0	8.0	370	2.00	7.8	0.6	3.1	29	0.1	0.3	0.2	16	0.25	0.028	17
1338009	Soil	0.7	18.2	9.5	46	<0.1	24.2	9.0	537	2.60	9.8	2.3	1.7	17	0.3	0.6	0.2	42	0.28	0.050	13
1338451	Soil	1.2	16.4	12.9	39	<0.1	13.6	8.7	432	2.89	10.1	6.8	2.6	12	0.2	0.6	0.3	57	0.10	0.051	14
1338452	Soil	1.1	21.7	12.3	51	<0.1	19.7	12.6	453	2.71	12.3	3.6	4.5	11	0.2	0.5	0.2	54	0.10	0.039	15
1338453	Soil	0.9	32.8	12.1	52	<0.1	27.0	12.1	537	2.77	19.6	5.2	6.1	13	<0.1	0.7	0.5	50	0.15	0.040	19
1338454	Soil	1.0	26.3	11.3	53	<0.1	17.9	9.9	414	2.55	11.4	3.5	1.5	14	0.1	0.5	0.2	55	0.15	0.032	16
1338455	Soil	0.8	20.2	12.8	55	<0.1	20.8	10.0	431	2.29	8.8	3.0	3.0	17	0.1	0.5	0.2	46	0.20	0.045	17
1338456	Soil	0.8	30.5	13.0	56	0.1	27.1	11.2	367	2.22	9.5	2.3	3.8	17	<0.1	0.6	0.2	46	0.23	0.049	17
1165995	Soil	0.9	56.8	12.2	63	<0.1	40.8	23.9	363	2.46	15.9	4.8	1.4	11	0.1	0.7	0.2	41	0.10	0.050	12
1165996	Soil	0.9	55.0	13.8	54	<0.1	28.7	21.6	437	2.69	10.3	2.4	2.3	10	0.2	0.7	0.2	44	0.11	0.055	11
1165997	Soil	1.1	111.5	8.9	51	<0.1	20.9	8.5	371	2.69	9.9	7.6	1.5	8	0.1	0.6	0.4	50	0.09	0.037	13
1165998	Soil	0.9	45.6	7.8	56	<0.1	35.5	15.3	1171	2.89	11.1	5.8	3.3	13	<0.1	0.6	0.2	54	0.16	0.054	16
1165999	Soil	0.6	17.9	9.6	54	<0.1	21.7	8.9	410	2.08	47.0	4.2	2.6	12	0.1	0.8	0.1	32	0.12	0.035	10

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1336491	Soil	25	0.43	109	0.032	2	1.41	0.007	0.04	0.2	0.04	2.4	0.1	<0.05	4	1.1	<0.2
1336492	Soil	30	0.44	58	0.053	2	1.87	0.009	0.05	0.2	0.10	3.3	0.1	0.06	5	0.8	<0.2
1336493	Soil	26	0.41	56	0.032	1	1.52	0.008	0.04	0.2	0.06	2.3	<0.1	0.06	4	0.5	<0.2
1336494	Soil	30	0.38	69	0.030	2	1.88	0.007	0.05	<0.1	0.05	1.1	<0.1	0.08	7	0.6	<0.2
1336495	Soil	24	0.38	58	0.030	<1	1.50	0.011	0.05	0.2	0.03	1.5	<0.1	0.06	5	0.8	<0.2
1336496	Soil	22	0.30	90	0.026	1	1.35	0.009	0.05	0.2	0.05	2.1	0.2	0.05	5	1.4	<0.2
1336497	Soil	23	0.38	58	0.016	2	1.46	0.007	0.05	<0.1	0.05	2.5	<0.1	<0.05	4	0.9	<0.2
1336498	Soil	34	0.30	89	0.039	2	1.87	0.008	0.05	0.1	0.05	1.9	0.1	<0.05	7	1.2	<0.2
1336499	Soil	29	0.37	178	0.058	2	1.82	0.007	0.04	0.2	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1336500	Soil	29	0.35	74	0.050	2	1.78	0.007	0.05	0.2	0.04	2.2	<0.1	<0.05	5	1.2	<0.2
1338001	Soil	24	0.35	54	0.040	<1	1.36	0.005	0.04	0.1	0.05	1.5	<0.1	<0.05	5	1.3	<0.2
1338002	Soil	24	0.39	88	0.052	1	1.51	0.007	0.07	0.2	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1338003	Soil	23	0.51	114	0.047	<1	1.71	0.009	0.07	0.2	0.06	3.2	0.1	<0.05	4	0.7	<0.2
1338004	Soil	20	0.37	152	0.037	1	1.23	0.010	0.03	0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1338005	Soil	14	0.40	54	0.027	2	1.03	0.004	0.06	<0.1	0.04	2.7	0.2	<0.05	3	0.8	<0.2
1338006	Soil	23	0.28	124	0.034	<1	1.10	0.006	0.05	0.1	0.05	1.1	0.1	0.07	6	0.7	<0.2
1338007	Soil	17	0.34	81	0.042	<1	0.99	0.021	0.05	0.2	0.01	1.8	<0.1	0.10	3	<0.5	<0.2
1338008	Soil	10	0.17	63	0.013	<1	0.64	0.006	0.05	<0.1	0.03	1.2	<0.1	0.05	2	0.6	<0.2
1338009	Soil	23	0.42	128	0.039	2	1.50	0.008	0.09	0.1	0.01	1.8	0.1	0.07	4	1.5	<0.2
1338451	Soil	25	0.26	128	0.039	<1	1.55	0.008	0.04	0.2	0.03	1.8	0.1	0.05	6	0.8	<0.2
1338452	Soil	29	0.40	215	0.048	1	1.80	0.008	0.05	0.2	0.03	3.4	0.1	<0.05	5	0.9	<0.2
1338453	Soil	28	0.39	135	0.048	<1	1.44	0.010	0.04	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1338454	Soil	27	0.43	233	0.037	<1	1.73	0.009	0.05	0.1	0.02	2.5	0.1	<0.05	6	0.6	<0.2
1338455	Soil	27	0.45	184	0.050	1	1.45	0.008	0.06	0.2	0.01	2.8	0.1	<0.05	5	0.8	<0.2
1338456	Soil	32	0.50	205	0.051	1	1.53	0.009	0.05	0.2	<0.01	3.2	<0.1	<0.05	5	0.5	<0.2
1165995	Soil	24	0.41	60	0.042	2	1.51	0.007	0.04	0.2	0.05	1.7	<0.1	0.06	4	0.8	<0.2
1165996	Soil	25	0.39	74	0.042	1	1.99	0.006	0.04	0.2	0.04	2.0	0.1	<0.05	4	0.6	<0.2
1165997	Soil	25	0.39	52	0.041	1	1.45	0.006	0.04	0.3	0.06	1.6	<0.1	<0.05	5	0.9	<0.2
1165998	Soil	42	0.58	103	0.056	2	1.65	0.008	0.04	0.3	0.03	3.2	<0.1	<0.05	5	0.5	<0.2
1165999	Soil	19	0.35	67	0.042	1	1.19	0.008	0.04	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1166000	Soil	0.9	19.3	12.3	54	<0.1	16.4	7.1	262	2.52	12.7	8.1	1.1	8	0.2	0.7	0.2	51	0.08	0.036	11
1336901	Soil	1.2	23.1	14.1	53	<0.1	26.5	15.5	609	3.07	11.1	7.6	3.6	10	0.2	0.6	0.2	52	0.11	0.080	11
1336902	Soil	1.4	30.0	15.5	39	<0.1	15.5	7.0	412	2.98	11.0	18.2	2.6	10	0.2	0.6	0.4	64	0.08	0.043	15
1336903	Soil	1.4	28.5	20.5	45	<0.1	19.0	10.4	348	3.35	14.6	4.2	2.5	12	<0.1	0.6	0.4	74	0.11	0.034	12
1336904	Soil	1.1	58.0	20.1	89	<0.1	43.2	16.5	683	2.71	16.3	5.9	5.2	17	0.3	0.8	0.4	50	0.22	0.077	16
1336905	Soil	1.2	26.4	14.7	49	<0.1	18.4	11.6	817	2.87	14.0	4.6	1.6	9	0.2	0.7	0.3	55	0.08	0.058	11
1336906	Soil	1.5	80.6	18.8	56	0.2	28.8	52.4	1880	3.26	21.0	4.6	1.0	10	0.3	1.1	0.5	53	0.07	0.067	14
1336907	Soil	1.4	56.9	24.9	69	<0.1	36.3	33.2	874	3.04	16.4	1.7	1.9	9	0.2	0.9	0.4	56	0.08	0.059	11
1336908	Soil	1.2	31.3	12.1	42	0.2	10.9	7.9	804	2.49	13.8	2.5	0.3	11	0.2	0.8	0.3	38	0.08	0.086	7
1336909	Soil	0.7	44.1	150.8	102	0.1	167.9	32.7	760	3.71	11.6	1.4	26.7	139	0.1	0.2	1.5	98	0.77	0.135	29
1336910	Soil	1.3	89.2	19.8	83	0.2	64.6	44.2	2122	3.41	76.9	8.4	4.7	17	0.1	1.0	0.7	47	0.17	0.078	28
1336743	Soil	0.9	14.2	13.3	57	<0.1	18.9	9.4	568	2.25	9.7	2.1	4.2	15	0.2	0.4	0.3	46	0.20	0.041	15
1336744	Soil	0.9	15.5	11.3	44	<0.1	21.2	9.5	225	2.39	10.8	2.0	3.3	11	0.2	0.6	0.2	47	0.12	0.037	13
1336745	Soil	1.1	13.7	17.3	55	<0.1	15.3	6.5	241	3.77	13.9	2.2	2.7	9	0.2	0.7	0.3	71	0.09	0.034	11
1336746	Soil	1.0	13.7	19.1	49	0.1	16.3	8.1	522	2.49	13.4	5.6	1.1	17	0.4	0.7	0.5	48	0.21	0.047	15
1336747	Soil	0.8	16.5	9.1	53	<0.1	26.1	8.5	339	2.55	11.4	4.8	2.9	12	0.1	0.5	0.2	53	0.13	0.022	13
1336748	Soil	1.2	24.1	12.2	50	<0.1	22.6	10.6	352	2.68	9.3	4.6	1.8	14	0.4	0.5	0.2	54	0.15	0.040	11
1336749	Soil	1.0	22.9	10.8	56	0.2	17.8	8.9	1134	2.47	7.6	2.4	1.1	19	0.5	0.3	0.2	64	0.19	0.032	12
1336750	Soil	1.5	17.3	12.0	38	<0.1	9.5	4.8	363	2.84	8.1	1.9	1.2	13	0.2	0.5	0.4	69	0.14	0.044	15
1337223	Soil	1.4	58.9	53.5	106	0.3	45.3	56.3	2518	4.76	46.4	9.6	0.7	17	0.2	2.0	0.8	45	0.17	0.167	18
1337224	Soil	1.7	93.4	413.5	383	1.1	48.0	65.2	2755	4.92	45.2	19.4	1.7	18	0.9	3.5	0.9	43	0.10	0.150	17
1337225	Soil	1.9	68.5	35.3	72	0.1	31.4	32.8	1827	5.23	45.5	6.9	1.5	12	0.1	1.4	0.9	50	0.08	0.144	17
1337226	Soil	1.3	45.8	34.8	79	0.2	62.0	35.6	2629	3.92	38.8	0.9	1.3	22	0.2	1.2	0.4	37	0.51	0.173	15
1337227	Soil	1.0	34.2	19.1	59	<0.1	34.5	18.0	1018	3.37	34.9	4.9	1.2	11	<0.1	1.2	0.7	42	0.15	0.072	21
1337228	Soil	1.3	83.7	44.7	81	0.2	167.0	54.3	2562	6.40	117.8	11.4	4.3	20	0.2	1.6	0.7	59	0.31	0.089	27
1337229	Soil	0.9	190.7	26.3	77	0.2	98.5	40.1	1758	5.16	84.7	8.1	11.1	17	0.1	3.7	2.0	50	0.47	0.063	41
1337230	Soil	3.0	93.4	13.7	63	0.1	22.5	15.7	1005	4.29	27.4	9.2	3.4	9	<0.1	1.3	1.6	56	0.08	0.101	23
1337231	Soil	1.5	105.5	46.5	135	0.3	63.2	40.8	3111	7.70	75.2	155.0	2.2	22	0.7	1.4	0.5	110	0.43	0.117	25
1337232	Soil	1.0	49.9	92.9	90	0.1	221.1	41.8	1957	5.93	69.1	5.6	1.5	42	0.3	0.9	0.5	82	0.66	0.128	20
1337233	Soil	1.6	94.2	30.6	114	0.1	114.4	43.4	3660	8.51	89.6	8.9	1.6	23	0.6	1.7	0.5	107	0.65	0.129	20

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Project: Redtail/NBT
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CERTIFICATE OF ANALYSIS DAW11000304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1166000	Soil	23	0.31	54	0.041	<1	1.28	0.005	0.05	0.2	0.03	1.4	0.1	<0.05	5	0.7	<0.2
1336901	Soil	33	0.35	82	0.045	1	2.49	0.007	0.04	0.3	0.04	2.3	<0.1	<0.05	5	0.7	<0.2
1336902	Soil	28	0.22	73	0.047	<1	1.28	0.006	0.03	0.3	0.04	1.4	0.1	<0.05	7	0.8	<0.2
1336903	Soil	30	0.34	127	0.046	1	1.66	0.007	0.03	0.2	0.02	2.0	0.1	<0.05	8	<0.5	<0.2
1336904	Soil	38	0.52	117	0.057	<1	1.32	0.009	0.05	0.5	0.02	2.6	<0.1	<0.05	4	0.7	<0.2
1336905	Soil	27	0.33	107	0.043	1	1.52	0.007	0.05	0.2	0.08	1.7	<0.1	<0.05	6	0.8	<0.2
1336906	Soil	27	0.26	76	0.033	4	1.69	0.007	0.04	0.2	0.11	1.5	0.1	0.07	5	<0.5	<0.2
1336907	Soil	27	0.28	92	0.041	3	1.84	0.007	0.04	0.2	0.08	1.9	0.2	0.06	5	<0.5	<0.2
1336908	Soil	17	0.11	80	0.026	3	0.74	0.011	0.04	<0.1	0.10	0.9	<0.1	0.13	4	<0.5	<0.2
1336909	Soil	217	2.79	1194	0.289	1	2.00	0.013	0.83	<0.1	0.04	2.2	0.9	0.06	7	0.6	<0.2
1336910	Soil	29	0.54	99	0.045	2	1.61	0.010	0.06	0.2	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1336743	Soil	23	0.34	160	0.042	2	1.47	0.007	0.07	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1336744	Soil	23	0.34	97	0.046	2	1.52	0.006	0.06	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1336745	Soil	30	0.37	78	0.041	1	1.88	0.006	0.05	0.1	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1336746	Soil	21	0.25	151	0.031	4	1.13	0.007	0.08	0.2	0.03	1.3	0.1	0.06	5	<0.5	<0.2
1336747	Soil	40	0.48	161	0.033	2	1.44	0.007	0.06	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1336748	Soil	34	0.43	193	0.045	2	1.82	0.008	0.06	0.2	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
1336749	Soil	34	0.36	371	0.044	1	1.67	0.008	0.05	0.1	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1336750	Soil	22	0.16	116	0.051	<1	1.07	0.006	0.05	0.1	0.02	1.5	<0.1	0.05	7	<0.5	<0.2
1337223	Soil	30	0.43	94	0.021	3	1.64	0.013	0.06	0.1	0.06	1.3	0.1	0.12	6	0.6	<0.2
1337224	Soil	32	0.41	82	0.035	3	1.79	0.014	0.06	0.2	0.14	2.1	0.2	0.11	5	<0.5	<0.2
1337225	Soil	33	0.35	65	0.030	3	1.57	0.009	0.06	0.1	0.08	1.5	<0.1	0.07	7	<0.5	<0.2
1337226	Soil	49	0.44	135	0.012	<1	1.33	0.011	0.06	<0.1	0.06	2.2	0.1	0.13	4	<0.5	<0.2
1337227	Soil	35	0.40	89	0.012	<1	1.18	0.006	0.04	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1337228	Soil	138	1.12	141	0.018	2	2.09	0.008	0.05	<0.1	0.06	6.1	<0.1	<0.05	6	<0.5	<0.2
1337229	Soil	107	1.38	88	0.003	1	2.41	0.007	0.06	<0.1	0.03	6.3	<0.1	<0.05	7	0.7	<0.2
1337230	Soil	33	0.44	61	0.041	1	1.63	0.008	0.05	0.2	0.02	2.2	0.1	<0.05	6	0.8	<0.2
1337231	Soil	64	0.97	151	0.030	2	2.01	0.008	0.03	0.2	0.09	9.0	<0.1	<0.05	8	0.9	<0.2
1337232	Soil	428	2.58	100	0.021	1	2.20	0.006	0.03	0.1	0.04	10.5	<0.1	0.06	7	0.7	<0.2
1337233	Soil	114	0.93	150	0.020	2	1.76	0.006	0.03	0.1	0.07	7.6	<0.1	0.08	6	1.0	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337234	Soil	3.2	63.9	88.9	95	0.3	224.0	58.7	6424	6.70	613.8	4.7	2.1	17	0.3	2.2	0.4	58	0.35	0.095	22
1337235	Soil	1.3	117.4	27.3	110	0.3	285.1	56.6	3944	9.42	194.4	8.8	2.1	41	0.5	1.8	0.8	95	0.95	0.126	23
1337236	Soil	0.9	43.4	14.1	63	<0.1	29.7	13.5	671	3.29	17.3	5.2	2.2	9	0.1	0.8	0.5	51	0.13	0.081	20
1337237	Soil	1.2	100.8	64.0	138	<0.1	83.8	36.1	1418	4.38	57.3	8.0	3.5	13	0.4	0.9	0.7	68	0.17	0.098	28
1337238	Soil	0.9	39.8	15.1	68	<0.1	24.0	12.9	440	2.74	21.1	3.4	2.4	11	0.1	0.7	0.3	51	0.13	0.057	15
1337742	Soil	0.7	16.5	15.0	52	<0.1	19.3	8.0	756	2.36	13.2	2.2	1.0	19	0.2	0.6	0.3	34	0.31	0.067	18
1337743	Soil	0.8	14.8	12.3	50	<0.1	18.5	8.3	445	2.52	10.5	2.2	2.6	12	0.2	0.9	0.2	39	0.16	0.034	17
1337744	Soil	1.2	15.9	17.7	60	<0.1	17.8	9.6	488	3.10	26.0	6.0	1.0	16	0.1	0.6	0.3	57	0.22	0.049	13
1337745	Soil	1.1	16.2	15.2	53	<0.1	12.7	6.6	455	2.35	26.2	1.0	1.7	14	0.4	0.7	0.4	49	0.11	0.036	14
1337784	Soil	2.2	41.3	34.2	53	0.4	13.3	5.5	361	4.10	13.7	6.5	0.1	19	0.6	0.5	0.5	20	0.11	0.429	8
1337785	Soil	1.1	45.3	12.1	57	<0.1	22.1	15.8	1128	3.88	28.4	8.7	2.2	12	0.1	0.9	0.4	55	0.10	0.043	16
1337786	Soil	1.5	63.4	32.6	90	0.1	35.0	32.6	1187	4.00	54.4	6.7	2.2	13	0.2	1.1	0.4	47	0.11	0.089	14
1337787	Soil	0.9	63.7	43.6	82	<0.1	49.8	44.3	692	3.32	47.6	1.6	5.6	20	0.3	1.4	0.4	44	0.18	0.116	29
1337788	Soil	2.2	103.1	19.3	102	0.1	61.2	67.8	1641	2.99	41.6	5.8	5.1	16	0.3	1.8	0.4	38	0.20	0.090	19
1337789	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1337790	Soil	1.0	72.3	12.9	80	<0.1	31.1	13.0	541	4.25	29.3	3.6	1.6	17	0.3	2.1	0.4	44	0.17	0.136	17
1337791	Soil	1.4	59.9	13.9	70	<0.1	27.4	23.9	664	3.59	12.9	3.7	1.2	10	0.2	1.4	0.4	54	0.10	0.057	13
1337792	Soil	0.9	57.3	25.0	82	0.1	40.6	36.0	1381	3.73	20.0	4.4	1.3	10	0.2	1.7	0.7	37	0.08	0.055	11
1337793	Soil	1.3	100.0	80.4	99	0.1	36.3	25.2	619	3.94	13.7	3.0	1.6	11	0.2	1.8	1.2	57	0.09	0.068	19
1337794	Soil	1.4	83.7	20.1	58	0.1	41.2	20.3	502	3.78	20.1	6.7	0.6	10	0.2	1.1	0.9	57	0.10	0.072	12
1337795	Soil	1.3	84.9	392.6	480	1.4	65.8	61.0	1356	4.39	37.3	3.0	3.5	14	1.0	4.6	0.9	53	0.08	0.080	15
1337813	Soil	2.0	61.3	18.7	97	<0.1	41.4	28.0	1100	4.33	22.2	4.7	2.4	16	0.3	1.0	0.5	65	0.13	0.102	20
1337814	Soil	1.2	52.5	17.9	82	<0.1	47.2	27.6	705	3.78	23.3	7.3	5.5	16	0.3	0.9	0.4	56	0.14	0.066	20
1337815	Soil	2.5	66.9	25.1	112	0.1	45.9	30.1	1152	5.02	34.7	4.5	4.3	20	0.2	1.4	0.6	77	0.16	0.118	20
1337816	Soil	1.9	39.5	25.6	86	0.1	28.0	18.8	1121	3.96	25.5	12.1	1.6	16	0.2	1.1	0.7	73	0.12	0.074	17
1337817	Soil	2.7	45.3	21.2	98	0.1	31.4	20.8	1176	5.29	30.3	5.2	2.7	15	0.3	1.3	0.6	93	0.11	0.099	18
1337818	Soil	2.4	39.7	18.5	77	0.1	28.7	16.9	958	5.96	43.7	7.6	3.3	10	0.2	1.3	0.6	79	0.07	0.094	14
1337819	Soil	1.9	97.7	27.1	91	0.4	37.9	45.7	2678	6.35	289.7	23.6	4.7	19	0.2	2.5	2.5	51	0.08	0.162	25
1337820	Soil	1.8	113.7	26.4	84	0.3	56.1	106.9	3080	5.10	30.4	9.4	2.3	17	0.2	1.7	1.0	58	0.12	0.127	22
1337821	Soil	2.0	149.5	36.2	81	0.2	46.0	24.3	704	4.47	18.4	4.1	1.1	13	<0.1	1.2	0.8	60	0.09	0.101	16

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1337234	Soil	82	0.62	166	0.020	<1	1.78	0.006	0.03	0.2	0.09	5.9	<0.1	0.05	5	0.7	<0.2
1337235	Soil	298	2.28	150	0.017	2	2.30	0.007	0.03	<0.1	0.07	12.8	<0.1	0.06	7	<0.5	<0.2
1337236	Soil	34	0.52	50	0.037	1	1.36	0.007	0.04	0.2	0.04	1.6	<0.1	<0.05	5	<0.5	<0.2
1337237	Soil	89	1.20	108	0.055	2	2.29	0.007	0.05	0.2	0.03	3.9	0.1	<0.05	7	0.8	<0.2
1337238	Soil	24	0.42	67	0.047	1	1.56	0.010	0.05	0.1	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1337742	Soil	19	0.30	143	0.017	1	1.21	0.007	0.06	0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1337743	Soil	20	0.32	110	0.019	2	1.32	0.005	0.07	0.1	0.01	2.1	0.1	<0.05	4	0.5	<0.2
1337744	Soil	28	0.39	116	0.035	1	1.71	0.007	0.05	0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1337745	Soil	16	0.22	102	0.040	<1	0.94	0.007	0.10	0.2	0.01	1.2	0.2	<0.05	5	<0.5	<0.2
1337784	Soil	27	0.14	35	0.004	<1	1.41	0.016	0.06	0.3	0.31	<0.1	<0.1	0.31	4	1.2	<0.2
1337785	Soil	24	0.43	98	0.041	2	1.42	0.005	0.04	0.2	0.05	1.7	<0.1	<0.05	6	<0.5	<0.2
1337786	Soil	32	0.46	71	0.041	2	1.80	0.008	0.05	0.2	0.05	1.8	0.1	<0.05	5	0.7	<0.2
1337787	Soil	25	0.48	63	0.044	2	1.49	0.008	0.04	0.2	0.06	2.3	<0.1	0.05	4	0.7	<0.2
1337788	Soil	23	0.44	94	0.044	2	1.50	0.006	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1337789	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1337790	Soil	32	0.47	58	0.035	2	2.06	0.009	0.05	0.2	0.08	1.9	<0.1	0.08	5	0.8	<0.2
1337791	Soil	30	0.37	63	0.033	3	1.62	0.006	0.03	0.2	0.08	1.7	<0.1	0.07	6	1.0	<0.2
1337792	Soil	28	0.49	58	0.034	2	1.83	0.005	0.04	0.1	0.05	1.7	<0.1	<0.05	5	<0.5	<0.2
1337793	Soil	32	0.39	75	0.044	<1	1.99	0.007	0.04	0.2	0.08	2.0	0.1	0.07	6	0.8	<0.2
1337794	Soil	34	0.42	62	0.034	1	2.25	0.006	0.05	0.2	0.09	1.5	0.1	0.06	6	1.0	<0.2
1337795	Soil	31	0.40	78	0.046	3	1.96	0.009	0.04	0.2	0.51	2.6	0.1	0.08	6	1.6	<0.2
1337813	Soil	39	0.64	115	0.059	1	3.09	0.011	0.08	0.2	0.09	3.0	0.2	0.07	8	1.5	<0.2
1337814	Soil	34	0.60	112	0.065	2	2.78	0.007	0.07	0.2	0.07	3.0	0.1	<0.05	6	1.1	<0.2
1337815	Soil	44	0.72	100	0.081	1	2.69	0.014	0.08	0.2	0.03	3.8	0.2	0.06	9	0.7	<0.2
1337816	Soil	37	0.49	116	0.055	3	2.41	0.009	0.06	0.2	0.09	2.4	0.2	0.08	9	<0.5	<0.2
1337817	Soil	46	0.57	106	0.084	2	2.84	0.009	0.08	0.2	0.03	3.4	0.2	0.06	11	1.7	<0.2
1337818	Soil	50	0.46	71	0.058	2	2.70	0.007	0.06	0.2	0.09	2.6	0.2	0.07	10	1.3	<0.2
1337819	Soil	35	0.56	83	0.034	3	2.34	0.012	0.06	0.1	0.07	3.0	0.2	0.09	8	0.8	<0.2
1337820	Soil	38	0.50	81	0.047	2	2.27	0.009	0.05	0.3	0.10	2.3	0.1	0.06	7	0.8	<0.2
1337821	Soil	35	0.47	56	0.043	2	2.12	0.009	0.05	0.2	0.09	1.8	0.1	0.05	7	1.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337822	Soil	1.7	76.2	26.6	79	<0.1	90.9	54.2	2442	4.67	89.9	20.6	3.5	18	0.2	2.6	1.9	62	0.15	0.092	24
1337823	Soil	1.6	80.9	16.3	71	<0.1	47.2	33.8	728	4.43	24.0	9.4	3.5	14	0.1	1.7	0.5	61	0.10	0.075	18
1337824	Soil	1.8	147.4	29.4	93	0.3	72.6	81.3	1388	7.30	33.3	10.5	8.3	23	0.3	2.9	0.7	55	0.11	0.183	23
1337825	Soil	1.5	151.6	22.2	91	<0.1	104.4	86.7	2038	4.39	21.5	18.1	5.1	18	0.2	1.6	0.8	58	0.16	0.089	22
1337826	Soil	2.1	141.4	38.0	113	0.2	63.4	96.6	1769	4.90	22.5	5.9	2.2	18	0.2	1.3	1.0	61	0.11	0.112	19
1337827	Soil	1.5	168.8	22.5	88	0.2	90.3	43.8	446	5.49	29.8	15.4	6.9	19	0.2	1.8	0.6	57	0.15	0.121	18
1337828	Soil	2.2	150.4	33.9	127	0.2	73.6	126.5	2785	5.42	47.7	5.1	2.2	18	0.2	1.7	0.9	62	0.12	0.144	22
1337829	Soil	2.6	248.7	45.5	103	0.3	71.8	97.1	2794	7.38	43.3	8.2	6.3	20	<0.1	2.7	1.9	61	0.10	0.161	22
1337830	Soil	2.0	123.2	68.2	75	0.7	26.3	25.3	1384	6.94	55.1	2.7	1.7	14	0.1	7.9	1.4	92	0.07	0.207	28
1337831	Soil	1.4	78.3	53.5	134	0.2	39.2	34.8	1707	5.06	147.9	9.8	2.7	16	0.3	4.4	1.0	51	0.10	0.096	28
1337832	Soil	1.6	117.0	84.6	169	0.4	68.8	70.2	2659	5.86	157.5	8.5	6.4	15	0.2	5.4	1.3	52	0.08	0.113	29
1337833	Soil	2.0	135.4	33.5	125	0.3	50.9	44.7	1179	5.55	124.2	11.3	3.4	16	0.3	3.3	1.0	58	0.11	0.131	21
1337834	Soil	1.3	84.4	20.7	99	0.1	53.5	43.3	1164	3.95	116.9	14.4	6.3	17	0.3	2.2	0.7	53	0.20	0.091	20
1337835	Soil	1.4	23.5	12.2	64	<0.1	23.5	12.2	438	3.45	14.4	3.5	2.0	10	0.2	0.9	0.2	64	0.10	0.049	13
1337836	Soil	2.5	255.4	29.7	96	0.3	61.5	87.8	2008	5.86	146.5	10.0	3.3	16	<0.1	3.0	1.8	60	0.12	0.131	31
1337837	Soil	2.0	42.3	17.3	66	<0.1	29.7	20.0	599	3.91	24.5	2.6	2.9	11	0.1	0.9	0.5	73	0.10	0.042	16
1337838	Soil	2.0	48.2	20.1	73	<0.1	34.7	25.3	723	4.11	32.4	3.4	3.5	12	<0.1	1.1	0.6	74	0.10	0.045	17
1338056	Soil	1.8	89.0	26.9	86	<0.1	82.8	67.5	3341	6.65	84.1	0.9	13.5	12	0.1	2.6	0.5	49	0.08	0.057	51
1338057	Soil	0.9	38.7	12.4	73	<0.1	36.8	19.4	556	2.89	28.6	12.4	4.6	14	0.4	0.7	0.2	51	0.16	0.050	17
1338058	Soil	1.9	198.0	24.6	114	0.2	95.1	75.9	3333	5.63	114.3	11.6	8.0	29	0.2	2.3	1.6	59	0.22	0.106	37
1338059	Soil	1.8	210.7	29.9	127	0.2	81.0	102.6	4326	5.23	31.2	13.6	4.8	16	0.2	2.0	1.4	46	0.11	0.125	24
1338060	Soil	2.6	170.4	22.7	98	0.3	67.7	94.0	3547	5.28	36.6	6.8	3.7	18	0.2	2.5	1.3	57	0.09	0.142	16
1338401	Soil	1.9	50.9	35.6	124	<0.1	41.3	24.2	4548	6.49	39.2	1.6	1.2	13	0.4	0.7	0.5	73	0.22	0.083	13
1338402	Soil	1.2	70.9	68.8	122	0.2	291.8	64.1	3408	7.74	88.6	0.7	1.3	38	0.6	0.7	0.3	94	0.80	0.147	17
1338403	Soil	1.5	98.4	1052	230	0.7	92.2	35.2	1318	4.32	133.1	5.3	2.8	17	0.6	2.5	0.6	57	0.30	0.079	16
1338404	Soil	2.4	63.0	76.8	160	0.2	50.3	46.9	4567	5.75	70.7	3.1	1.8	18	0.7	0.9	0.5	101	0.24	0.298	33
1338405	Soil	1.0	32.7	27.4	97	<0.1	63.3	29.8	1966	4.78	44.9	1.5	1.6	10	0.2	0.7	0.5	53	0.10	0.158	21
1338406	Soil	1.5	27.1	33.1	65	0.1	18.6	8.8	482	2.97	15.4	1.8	0.6	7	0.1	0.8	0.5	39	0.05	0.100	17
1338407	Soil	1.2	26.2	26.8	69	0.1	19.8	8.9	521	2.93	26.1	3.2	0.9	13	0.3	0.8	0.3	55	0.23	0.081	14
1338408	Soil	0.9	48.6	55.3	122	0.4	45.4	19.7	877	3.63	46.3	9.7	3.1	15	0.4	1.0	0.4	59	0.27	0.084	14

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Project: Redtail/NBT
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS DAW11000304.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1337822	Soil	81	0.79	120	0.076	<1	1.99	0.007	0.05	0.3	0.05	2.5	0.2	<0.05	6	1.1	<0.2
1337823	Soil	33	0.45	73	0.049	<1	2.15	0.009	0.04	0.3	0.07	2.3	0.1	<0.05	6	<0.5	<0.2
1337824	Soil	42	0.51	75	0.056	<1	2.57	0.018	0.06	0.2	0.07	2.9	0.2	0.15	6	1.1	<0.2
1337825	Soil	34	0.53	82	0.060	<1	1.83	0.008	0.04	0.3	0.11	2.6	<0.1	<0.05	5	1.7	<0.2
1337826	Soil	37	0.52	77	0.055	<1	2.63	0.010	0.06	0.2	0.08	2.3	0.1	0.07	7	0.6	<0.2
1337827	Soil	41	0.48	69	0.062	3	2.56	0.012	0.05	0.3	0.08	3.0	0.1	0.13	6	<0.5	<0.2
1337828	Soil	39	0.58	83	0.054	2	2.99	0.012	0.07	0.2	0.06	2.5	0.2	0.10	7	1.3	<0.2
1337829	Soil	42	0.53	70	0.058	2	2.41	0.023	0.06	0.2	0.05	3.3	0.1	0.19	7	1.6	0.2
1337830	Soil	34	0.47	69	0.034	1	2.07	0.011	0.11	0.1	0.11	2.1	0.2	0.12	10	0.7	<0.2
1337831	Soil	30	0.53	77	0.021	1	2.00	0.006	0.05	0.1	0.07	1.9	0.1	<0.05	7	0.6	<0.2
1337832	Soil	39	0.72	63	0.028	<1	2.52	0.007	0.05	0.2	0.07	2.7	<0.1	<0.05	7	1.1	<0.2
1337833	Soil	37	0.61	76	0.044	2	2.51	0.012	0.06	0.1	0.08	3.4	0.2	0.09	7	0.7	<0.2
1337834	Soil	34	0.62	111	0.064	1	1.80	0.008	0.06	0.2	0.05	3.6	0.1	<0.05	5	0.6	<0.2
1337835	Soil	35	0.47	83	0.057	1	1.97	0.006	0.04	0.1	0.07	2.0	0.1	<0.05	7	0.6	<0.2
1337836	Soil	42	0.75	91	0.041	1	2.89	0.011	0.06	0.1	0.07	3.2	0.2	0.08	8	2.3	<0.2
1337837	Soil	33	0.49	85	0.064	2	2.23	0.007	0.05	0.2	0.06	2.3	0.1	<0.05	7	<0.5	<0.2
1337838	Soil	37	0.49	78	0.066	2	2.24	0.006	0.05	0.2	0.05	2.4	0.1	<0.05	8	<0.5	<0.2
1338056	Soil	49	0.91	152	0.006	<1	3.80	0.005	0.06	<0.1	0.03	4.9	0.1	<0.05	10	1.3	<0.2
1338057	Soil	29	0.55	154	0.057	<1	1.95	0.007	0.06	0.2	0.05	3.0	0.1	<0.05	5	<0.5	<0.2
1338058	Soil	80	1.00	192	0.042	<1	2.08	0.016	0.11	0.2	0.05	4.8	0.3	<0.05	7	<0.5	0.2
1338059	Soil	31	0.60	83	0.040	<1	1.90	0.009	0.05	0.2	0.04	2.8	0.1	<0.05	6	0.8	<0.2
1338060	Soil	34	0.51	91	0.052	2	2.15	0.009	0.05	0.2	0.07	3.0	0.1	<0.05	7	1.0	<0.2
1338401	Soil	32	0.38	195	0.029	2	1.59	0.005	0.05	0.1	0.05	4.0	<0.1	<0.05	6	0.5	<0.2
1338402	Soil	319	1.50	162	0.014	3	2.32	0.005	0.04	<0.1	0.09	9.2	<0.1	0.06	9	0.6	<0.2
1338403	Soil	77	0.73	142	0.030	2	1.91	0.006	0.05	0.2	0.08	4.1	0.1	<0.05	5	<0.5	<0.2
1338404	Soil	63	1.02	145	0.012	3	2.86	0.009	0.04	<0.1	0.10	5.5	<0.1	0.15	10	0.6	<0.2
1338405	Soil	85	0.76	125	0.010	2	2.05	0.008	0.05	<0.1	0.08	2.5	<0.1	0.08	8	<0.5	<0.2
1338406	Soil	25	0.28	54	0.019	3	1.26	0.008	0.05	<0.1	0.07	1.0	<0.1	0.06	5	<0.5	<0.2
1338407	Soil	24	0.36	107	0.037	2	1.10	0.007	0.04	0.2	0.06	1.5	<0.1	<0.05	5	<0.5	<0.2
1338408	Soil	37	0.72	118	0.031	1	1.54	0.007	0.04	<0.1	0.05	3.7	<0.1	<0.05	6	<0.5	<0.2

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Project: Redtail/NBT
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS DAW11000304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1338409	Soil	1.0	35.5	46.3	75	0.1	27.9	15.0	778	2.90	18.0	2.4	1.3	14	0.2	0.8	0.3	51	0.20	0.069	11
1338410	Soil	0.9	45.7	33.4	88	<0.1	41.0	16.4	634	3.33	27.1	3.3	2.4	11	0.2	0.9	0.3	51	0.14	0.072	20
1338411	Soil	1.2	28.9	21.5	70	<0.1	22.6	11.5	665	3.56	23.6	1.9	1.4	14	0.1	1.0	0.4	42	0.06	0.058	24
1338412	Soil	1.5	50.5	19.0	64	<0.1	25.0	15.9	1691	2.90	12.9	6.1	2.7	11	0.1	0.9	0.3	39	0.11	0.060	16
1338413	Soil	0.8	23.8	8.9	60	<0.1	21.2	8.7	300	2.25	8.2	2.2	2.2	12	0.1	0.6	0.2	38	0.16	0.061	11
1338414	Soil	1.0	52.2	139.5	152	0.2	66.9	29.0	1659	3.99	41.8	3.7	1.3	9	0.4	1.9	0.5	40	0.10	0.096	22
1338415	Soil	0.9	45.6	20.1	70	<0.1	209.3	48.6	1630	6.59	73.9	3.3	0.8	21	0.1	0.6	1.0	105	0.31	0.163	13
1338416	Soil	0.9	22.3	9.5	60	<0.1	54.5	15.4	563	2.93	14.8	2.4	1.7	12	0.1	0.7	0.2	49	0.13	0.052	11
1338417	Soil	1.0	23.2	9.0	58	<0.1	79.1	17.1	641	3.36	15.2	1.0	1.9	14	0.1	0.7	0.2	54	0.18	0.054	11
1338418	Soil	1.3	29.9	25.8	110	<0.1	322.2	62.2	7135	9.77	378.3	27.0	1.5	23	0.4	2.5	0.8	117	0.43	0.172	19
1338419	Soil	1.3	16.6	15.0	45	<0.1	14.1	6.4	280	3.03	14.4	1.7	1.3	8	<0.1	0.9	0.3	63	0.08	0.043	12
1338420	Soil	1.2	555.5	183.4	77	1.8	53.6	75.0	1310	4.82	610.9	159.0	7.3	7	0.1	8.7	9.8	22	0.03	0.064	30
1338421	Soil	1.4	22.2	16.5	57	<0.1	25.3	15.0	574	3.50	42.3	<0.5	1.9	8	0.1	2.3	0.6	36	0.08	0.051	25
1338422	Soil	1.6	26.5	24.4	70	<0.1	28.7	15.6	1584	3.08	29.7	2.6	0.5	11	0.1	1.4	0.3	45	0.13	0.054	12
1338423	Soil	0.7	23.2	17.9	57	0.1	19.5	10.2	903	2.69	7.2	2.2	4.1	27	0.2	0.7	0.2	44	0.30	0.074	30

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Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS DAW11000304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1338409	Soil	29	0.52	99	0.025	2	1.40	0.008	0.04	0.1	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1338410	Soil	41	0.62	111	0.035	2	1.82	0.006	0.04	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1338411	Soil	31	0.46	61	0.021	1	1.85	0.006	0.05	<0.1	0.02	1.4	0.1	<0.05	6	<0.5	<0.2
1338412	Soil	25	0.43	133	0.035	<1	1.57	0.007	0.04	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1338413	Soil	25	0.36	83	0.039	1	1.40	0.007	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1338414	Soil	59	0.74	89	0.011	<1	1.90	0.006	0.04	<0.1	0.04	1.6	0.1	<0.05	6	<0.5	<0.2
1338415	Soil	455	2.85	84	0.019	<1	2.56	0.006	0.02	<0.1	0.04	7.9	<0.1	<0.05	9	<0.5	<0.2
1338416	Soil	57	0.66	131	0.032	1	1.87	0.007	0.04	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1338417	Soil	83	0.87	131	0.032	1	1.54	0.006	0.04	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1338418	Soil	305	1.64	278	0.027	1	2.81	0.005	0.02	0.1	0.07	9.6	0.1	<0.05	11	<0.5	<0.2
1338419	Soil	22	0.29	64	0.042	1	1.41	0.005	0.04	0.2	0.04	1.7	0.1	<0.05	7	<0.5	<0.2
1338420	Soil	20	0.51	40	0.005	<1	1.84	0.007	0.04	<0.1	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1338421	Soil	22	0.35	46	0.019	1	1.38	0.006	0.07	0.1	0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
1338422	Soil	28	0.31	68	0.018	1	1.32	0.005	0.03	0.1	0.03	1.2	<0.1	<0.05	5	<0.5	<0.2
1338423	Soil	18	0.38	119	0.032	<1	1.11	0.009	0.05	0.1	0.03	2.8	0.1	<0.05	4	<0.5	<0.2

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QUALITY CONTROL REPORT DAW11000304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1336492	Soil	1.3	190.8	67.2	95	0.3	83.2	96.3	3623	5.25	75.6	18.5	6.4	10	0.1	3.2	1.1	49	0.07	0.089	20
REP 1336492	QC	1.2	180.1	65.9	94	0.3	79.5	91.3	3436	5.10	73.6	32.1	6.2	10	0.1	3.0	1.2	47	0.07	0.083	19
1166000	Soil	0.9	19.3	12.3	54	<0.1	16.4	7.1	262	2.52	12.7	8.1	1.1	8	0.2	0.7	0.2	51	0.08	0.036	11
REP 1166000	QC	0.9	20.3	12.1	54	<0.1	15.7	6.9	245	2.39	12.3	8.9	1.0	9	0.1	0.6	0.2	48	0.07	0.035	11
1337223	Soil	1.4	58.9	53.5	106	0.3	45.3	56.3	2518	4.76	46.4	9.6	0.7	17	0.2	2.0	0.8	45	0.17	0.167	18
REP 1337223	QC	1.5	58.1	51.9	106	0.3	44.0	56.5	2646	4.87	47.7	4.0	0.6	16	0.2	1.8	0.7	45	0.17	0.170	18
1337237	Soil	1.2	100.8	64.0	138	<0.1	83.8	36.1	1418	4.38	57.3	8.0	3.5	13	0.4	0.9	0.7	68	0.17	0.098	28
REP 1337237	QC	1.1	97.7	62.6	132	<0.1	83.5	34.9	1334	4.22	56.1	5.6	3.4	12	0.4	1.0	0.6	65	0.17	0.093	26
1337813	Soil	2.0	61.3	18.7	97	<0.1	41.4	28.0	1100	4.33	22.2	4.7	2.4	16	0.3	1.0	0.5	65	0.13	0.102	20
REP 1337813	QC	1.7	62.0	19.5	101	<0.1	40.2	27.4	1124	4.34	22.9	5.3	2.6	16	0.2	1.0	0.5	66	0.14	0.100	20
1337831	Soil	1.4	78.3	53.5	134	0.2	39.2	34.8	1707	5.06	147.9	9.8	2.7	16	0.3	4.4	1.0	51	0.10	0.096	28
REP 1337831	QC	1.7	81.5	57.6	141	0.2	40.0	36.2	1714	5.33	144.9	5.8	3.1	16	0.2	4.6	1.0	53	0.11	0.097	30
1338413	Soil	0.8	23.8	8.9	60	<0.1	21.2	8.7	300	2.25	8.2	2.2	2.2	12	0.1	0.6	0.2	38	0.16	0.061	11
REP 1338413	QC	0.8	23.9	9.1	60	<0.1	21.6	8.7	320	2.29	8.5	2.4	2.2	13	0.1	0.6	0.2	40	0.17	0.064	12
Reference Materials																					
STD DS8	Standard	13.6	110.5	133.7	321	1.8	40.1	7.7	560	2.27	24.3	110.7	6.3	57	2.4	5.4	6.7	41	0.69	0.076	15
STD DS8	Standard	12.2	97.2	112.1	281	1.6	33.6	6.3	553	2.15	22.5	103.9	6.3	57	1.9	4.7	5.4	39	0.61	0.070	13
STD DS8	Standard	11.6	92.7	110.5	268	1.6	32.7	6.4	563	2.19	22.3	94.9	5.9	57	2.0	4.9	5.5	40	0.63	0.069	13
STD DS8	Standard	11.9	94.7	117.0	279	1.7	32.5	6.5	546	2.22	22.5	115.2	5.9	57	2.1	4.9	5.7	37	0.61	0.074	14
STD DS8	Standard	14.8	120.4	131.5	325	1.8	40.7	8.3	659	2.64	25.6	127.7	7.5	68	2.5	5.8	6.7	49	0.75	0.079	16
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.04	2.4	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: Redtail/NBT
Report Date: September 26, 2011

QUALITY CONTROL REPORT DAW11000304.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1336492	Soil	30	0.44	58	0.053	2	1.87	0.009	0.05	0.2	0.10	3.3	0.1	0.06	5	0.8	<0.2
REP 1336492	QC	29	0.41	56	0.052	3	1.79	0.009	0.04	0.3	0.09	3.2	0.1	0.06	5	1.0	<0.2
1166000	Soil	23	0.31	54	0.041	<1	1.28	0.005	0.05	0.2	0.03	1.4	0.1	<0.05	5	0.7	<0.2
REP 1166000	QC	23	0.30	54	0.039	<1	1.21	0.006	0.05	0.2	0.04	1.3	0.1	<0.05	5	0.6	<0.2
1337223	Soil	30	0.43	94	0.021	3	1.64	0.013	0.06	0.1	0.06	1.3	0.1	0.12	6	0.6	<0.2
REP 1337223	QC	30	0.43	93	0.020	4	1.62	0.014	0.06	0.1	0.07	1.2	0.1	0.14	6	0.7	<0.2
1337237	Soil	89	1.20	108	0.055	2	2.29	0.007	0.05	0.2	0.03	3.9	0.1	<0.05	7	0.8	<0.2
REP 1337237	QC	86	1.19	104	0.052	1	2.19	0.006	0.05	0.2	0.04	3.8	0.1	<0.05	7	<0.5	<0.2
1337813	Soil	39	0.64	115	0.059	1	3.09	0.011	0.08	0.2	0.09	3.0	0.2	0.07	8	1.5	<0.2
REP 1337813	QC	38	0.62	109	0.060	3	3.02	0.010	0.08	0.2	0.09	3.2	0.1	0.10	8	1.4	<0.2
1337831	Soil	30	0.53	77	0.021	1	2.00	0.006	0.05	0.1	0.07	1.9	0.1	<0.05	7	0.6	<0.2
REP 1337831	QC	31	0.55	79	0.028	3	2.00	0.007	0.05	0.2	0.06	1.8	0.1	<0.05	7	0.8	<0.2
1338413	Soil	25	0.36	83	0.039	1	1.40	0.007	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
REP 1338413	QC	26	0.38	89	0.045	1	1.49	0.008	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	112	0.60	281	0.111	3	0.88	0.085	0.43	3.0	0.20	2.0	5.6	0.18	5	4.8	4.8
STD DS8	Standard	106	0.54	241	0.105	3	0.82	0.079	0.37	2.7	0.17	2.1	5.0	0.15	4	4.9	4.4
STD DS8	Standard	103	0.53	254	0.105	2	0.78	0.082	0.37	2.6	0.18	2.0	4.8	0.15	4	4.6	4.6
STD DS8	Standard	104	0.57	258	0.100	2	0.84	0.097	0.38	2.8	0.17	2.0	5.2	0.09	4	4.6	4.5
STD DS8	Standard	132	0.63	285	0.142	3	0.95	0.087	0.43	3.2	0.18	2.2	5.4	0.16	5	4.8	4.9
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

APPENDIX E- STATEMENT OF EXPENDITURES

Redtail Metals- NBT claims
Statement of Expenditures- 2011

December 12 2011

	NBT total
Contract geochemical survey	$8,001.00
Helicopter	$6,009.55
Project management and report writing	$1,500
Acme Labs Soil Assays	$2,719.70
total	$18,230.25

total number of samples: 126

Signed:
Danièle Héon B.Sc, P.Geo.

Senior Geologist
Redtail Metals Corp.