ASSESSMENT REPORT
on the
2009 DIAMOND DRILLING PROGRAM, SONORA PROPERTY DAWSON RANGE, YUKON

Northern Tiger Resources Inc.
(In-house Report)

Volume 1: Report, Appendices 1 and 2

YC26213 – YC26228 (S1-16), YC26229 – YC26230 (S117-118), YC26181 – YC26194 (SAM 1-18), YC26195 (Sam 20), YA03889 (SAM 21), YC26196 (SAM 22), YA03891 – YA03898 (SAM 23-30), YC26197 – YC26207 (SAM 31-41), YA03910 – YA03912 (SAM 42-44), YA08277 – YA08278 (SAM 89-90), YC26208 – YC26209 (SAM 91-92), YA08281 – YA08284 (SAM 93-96), YC26210 (SAM 97), YC26211 – YC26212 (SAM 99-100), YC57890 – YC57914 (SAM 101-125), YC26163 – YC26174 (STONE 1-12), YC26175 – YC26180 (STONE 15-20), YC29893 – YC29906 (STONE 21-34), YC57915 – YC57930 (STONE 35-50), YA03779 – YA03782 (SWEDE 1-4), YC26162 (SWEDE 5), YA03784 (SWEDE 6), YC54316 – YC54325 (WAM 1-10), YC59834 – YC59917 (STRAUSS 1-84), YC90025 – YC90038 (STONE 51 – 64)

Hayes Creek area, central Yukon
NTS 115 J-9, I-12
62° 39' N. Lat; 138°02' W Long
UTM (NAD 83): 652300 E, 6950500N, Zone 7
Whitehorse Mining District

Effective Date: Oct 1, 2009

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March 18, 2010

Summary

The 2009 exploration program conducted on the Sonora Gulch property, held by Northern Tiger Resources Inc. included a 12-hole, 2,454.6-metre diamond drilling program on the Nightmusic Zone. The property consists of 259 contiguous unpatented Yukon quartz mining claims covering 5,414 ha (13,372 acres) within the Whitehorse Mining District. The property is located about 110 km northwest of Carmacks, Yukon, Canada, along the winter road portion of the Casino Trail, the extension of the Freegold Road originating at the Village of Carmacks. The property was staked in 1975 and underwent several phases of surface exploration and diamond drilling to 1984.

In January, 2004 Firestone Ventures Inc. (FV, TSX-VEN) entered in to an option agreement to earn an 80% interest in the Sonora Gulch property from equal partners Jan Martensson of Whitehorse, Yukon and Alan McDiarmid of Mayo, Yukon. The property was the subject of several surface exploration programs to June 2006, leading to two diamond drilling programs in late 2006 and 2007. In December 2007 Firestone completed its acquisition of its 80% interest, and entered into an agreement to acquire the remaining 20%. In July 2008, Firestone's entire interest was transferred to Northern Tiger Resources Inc, which assumed operatorship of exploration.

The Sonora Gulch property lies within the "Dawson Range", which hosts numerous copper-gold deposits and advanced prospects, as well as the currently producing Minto copper mine, held by the Capstone Mining Corporation. The Dawson Range forms part of the Tintina Gold Belt, an arcuate belt of mid-late Cretaceous intrusion-related deposits extending from southwestern Alaska to the Yukon-British Columbia border east of Watson Lake, Yukon. The central part of the property is underlain by a late Cretaceous quartz-feldspar porphyritic stock intruded into Devono-Mississippian Wolverine Creek Suite metagranites, metabasalts and lesser metasediments. The stock is transected by the district-scale "Big Creek Fault", forming the locus of numerous intrusions and mineralized occurrences in the Dawson Range area.

Exploration by Firestone Ventures east of Hayes Creek led to discovery of the Amadeus Zone in 2006, from which drilling returned an intercept of 6.21 g/t gold across 15.3 metres. The Amadeus Zone is hosted by the "Amadeus Stock", of similar composition to the central late Cretaceous stock. Subsequent intercepts include 1.0 g/t gold across 64 metres almost directly overlying the 2006 intercept, and 31.0 metres grading 1.00 g/t gold to the northeast.

U-Pb age dating indicate that all late intrusive bodies, including the central porphyritic stock and Amadeus stock have a late Cretaceous age of about 75 Ma. The stock belongs to the same suite as the Casino stock, which hosts the Casino gold-copper-molybdenum deposit.

Exploration in 2007 led to identification of the "Nightmusic Zone" somewhat east of Sonora Gulch Creek. Auriferous mineralization identified along the southern hanging wall side of an east-west trending ultramafic horizon led to the hypothesis that this horizon formed an "aquiclude" trapping gold-bearing fluids along its hanging wall side, leading to formation of

east-west trending structurally controlled mineralization. Drilling in 2008 returned values to 4.96 g/t gold across 26.6 metres from Hole SG-08-27, supporting this hypothesis.

The Nightmusic Zone was the target of the entire 2009 diamond drilling program which indicated that mineralized zones occur as small units of limited extent, with no confirmed correlation of intercepts between holes to date. Potential for an economically viable deposit in the Nightmusic Zone is limited, although a small deposit may occur in the vicinity of Hole SG-08-27.

The mineralizing system within the property is clearly a porphyry-style system, centered on the late Cretaceous stock extending from the camp area eastwards to Hayes Creek. The 2009 program revealed that the Nightmusic Zone likely represents numerous small “bonanza-style” mesothermal quartz-arsenopyrite veins, as well as lenticular bodies of semi-massive copper-gold-silver skarn. The northwest-southeast trending Big Creek Fault was the conduit for multiple pulses of metal-bearing hydrothermal fluids originating from the stock. Mineralization was emplaced within the fault, within splays between the fault and the ultramafic unit, and within calcareous, reactive units in the metavolcanic package south of the ultramafic horizon.

The Sonora property has potential to host several small gold +/- copper +/- silver deposits that, in combination, may be economically viable. Further drilling along the Nightmusic Zone should be suspended until compilation on this zone is completed and other prospective zones are drill-tested. Detailed surface exploration to determine surface expression of mineralized drilled intercepts is recommended across much of the Nightmusic Zone, focusing on the direct vicinity of Hole SG-08-27.

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1.0 Introduction and Terms of Reference

1.1 Introduction

In January, 2004 Firestone Ventures Inc. (FV, TSX-VEN) entered in to an option agreement to earn an 80% interest in the Sonora property, located at 62°39' N. Latitude, 138°02' W Longitude in central Yukon Territory, Canada (Figures 1 and 2). The Sonora property was the subject of numerous phases of surface exploration, mechanized trenching and drilling from 1975 through 1985, as well as intermittent placer production from 1898 onwards.

Firestone conducted two brief exploration programs in 2004, followed by two phases of "Induced Polarization" and magnetometer geophysical surveying in late 2005 and the spring of 2006 respectively. Results from these led to surface identification of the Amadeus Zone in the summer of 2006, and two diamond drilling programs in late 2006, and the summer of 2007 respectively. Data assimilation early in 2008 led to identification of the "Nightmusic zone" near the placer-bearing Sonora Gulch Creek as a viable target.

In December 2007 Firestone completed acquisition of the remaining 20% interest in the property. Firestone completed its transfer of 100% interest in the property to Northern Tiger Resources Inc (NTR, TSX-VEN) by July, 2008. The 2008 program focused on drilling of the Nightmusic and Amadeus zones, as well as surface geochemical sampling. Following positive results from the 2008 program, Northern Tiger decided to focus its entire 2009 drilling program on the Nightmusic Zone.

This report deals with results from the 2009 diamond drilling program on the Nightmusic Zone.

1.2 Sources of Information

Much of the information on geological setting and past activities in this report was taken from a January 16, 2000 report by Mr. Graham Davidson, P. Geo, entitled "Summary Report on the Sonora Gulch Property". Other information was obtained from a February 2002 report by J. Pautler, P. Geo, entitled: "2001 Assessment Report on the Sonora Property", from numerous assessment reports prior to the Davidson report, from airborne geophysical maps produced by the Geological Survey of Canada and from geological reports provided by the Yukon Geological Survey.

The report is also based on data from the 2004 NI 43-101 compatible report by Carl Schulze, Professional Geoscientist, and Qualified Person for the project, as well as on results of the June, 2004 program by Firestone Ventures, the 2005 and 2006 geophysical programs by Aurora Geosciences on behalf of Firestone, the Assessment Report entitled "2006 Geological, Geophysical and Diamond Drilling Programs on the Sonora Gold Project", the 2007 report entitled: "Assessment Report on the 2007 Diamond Drilling and Surface Geochemical Program,

Sonora Property, Dawson Range, Yukon", and the 2008 report entitled "Assessment Report on 2008 Geological Mapping, Geochemical Sampling, Geophysical Surveying and Diamond Drilling Programs, Sonora Property, Dawson Range, Yukon", all by Mr. Schulze.

1.3 Terms of Reference

The author has been requested to write this report using these terms of reference:

1. To satisfy assessment filing requirements with the Yukon Mining Recorder, Ministry of Energy, Mines and Resources, Government of Yukon.
2. To fulfill requests by Northern Tiger Resources Inc. for a comprehensive analysis of the 2009 diamond drilling program results.

1.4 Field Involvement of Qualified Person

Mr. Carl Schulze, PGeo and Qualified Person for the project, was on site during all of the 2009 program extending from July 10th to Sept 3, 2009, except for initial camp set-up and final camp tear-down. Mr. Schulze supervised the diamond drilling program in the field.

2.0 Reliance on Other Experts

In 2009, age dating of intrusive rocks was conducted by Venessa Bennett of the Yukon Geology Survey. Data from the report entitled: "Deconstructing Au-Ag-Cu mineralization, Sonora Gulch project, Dawson Range: A late Cretaceous evolution to the epithermal environment", included in the publication entitled "Yukon Economic Geology, 2009".

3.0 Property Description and Location

3.1 Description and Location

The Sonora Gulch property that is the subject of this report consists of 259 contiguous unpatented Yukon quartz mining claims covering 5,414 ha (13,372 acres) within the Whitehorse Mining District (Table 1, Figure 3). The property is centered at 62° 39' N. Latitude, 138° 02' W Longitude (UTM NAD 83 coordinates: 652300E, 6950500N, Zone 7) in the central Yukon Territory, Canada. The property extends across the 138th meridian, thus extending across the border of Zones 7 and 8. The property has not undergone a legal survey. Table 1 lists claim names, claim numbers and expiry dates.

The property includes the WAM 1-10 claims, added to the west side of the property in late October, 2006. An additional 121 claims, the STONE 35 – 46, SAM 101 – 125, and STRAUSS

1-84 claims were added in January and February 2007. The STONE 51-64 claims were added in June 2009 along the far eastern property boundary.

Prior to acquisition in late 2003, two major mineralized zones had been identified. A kilometric-scale zone of anomalous copper-gold mineralization, called the "Gold Vein System" is hosted by a pyritic quartz-feldspar porphyritic intrusion underlying the south-central property area. To the north, a zone of quartz veins hosting gold-tetradymite (a bismuth telluride) mineralization, called the "Tetradymite Vein System" extends northwest-southeast, roughly along the interpreted trace of the Big Creek Fault (Figure 4). Roughly 500 ounces of gold were reported to have been extracted in the early 1900s from Little Klines Gulch to the southeast. More significant placer gold production also occurred along Sonora Gulch downstream of the Tetradymite Vein System.

Exploration in 2006 led to identification of the "Amadeus Zone" east of Hayes Creek, and the "Wolfgang" gold-copper geochemical anomaly northeast of the Amadeus Zone. The Amadeus Zone, centered on a small late Cretaceous stock, is a large-tonnage, low-grade gold target, and the subject of most of the drilling from the 2006 and 2007 diamond drilling programs, and part of the 2008 drilling program.

The 2007 program also included one drill hole targeting an east-west trending ultramafic body, establishing the presence of some gold along the southern "hanging wall" side, and by extension, the south side of the 5-km long unit. This was followed by re-interpretation of historic drilling in the area, leading to identification of the hanging wall side of the ultramafic unit, re-named the "Nightmusic Zone" as a viable gold target. This zone was the target of most of the 2008 diamond drilling and all of the 2009 drilling.

No mineral reserves or resources have been delineated on the property to date. Placer mining has occurred along Sonora Gulch Creek intermittently from 1898 until the 1970s, with minor placer workings and old camps still in existence. Placer claims also currently cover the lower reaches of Sonora Gulch Creek, and a 1,000-foot airstrip is located within the Hayes Creek valley directly north of the property. Another, older airstrip was built on a hilltop south of the head of the Sonora Gulch; this would require some clearing to be serviceable. Otherwise, no hard rock mine workings, tailings ponds or waste deposits exist within the project area. No special environmental concerns or liabilities are known for this area.

3.2 Option Agreements

On December 8, 2003 Firestone entered into an option agreement to earn an 80% interest in the Sonora Gulch property from equal partners Jan Martensson of Whitehorse, Yukon and Alan McDiarmid of Mayo, Yukon. To earn this interest Firestone agreed to pay the vendors a total of $150,000 and 350,000 common shares of Firestone over four years. This aggregate payment consisted of an initial payment of $10,000 and 100,000 shares upon execution of the agreement, another $10,000 and 100,000 shares by Dec 31, 2004, another $20,000 and 50,000 shares by Dec 31, 2005, a further $40,000 and 50,000 shares by Dec 31, 2006, and a final $70,000 and 50,000 shares by Dec 31, 2007. Firestone also committed to incur an aggregate of $900,000 in

exploration expenditures over four years, consisting of $50,000 in expenditures by Dec 31, 2004, $100,000 by Dec 31, 2005, $250,000 by Dec 31, 2006 and $500,000 by Dec 31, 2007.

On December 5th, 2007 Firestone Ventures completed acquisition of its 80% interest in the property, and also signed an agreement to acquire the remaining 20% interest as well as 1% of the underlying Net Smelter Returns Royalty (NSR) through issuance of an additional 250,000 common shares at a deemed price of $0.47 per common share. A 1% NSR remains reserved for the vendors, of which half may be purchased by Firestone Ventures at any time for CDN$1,000,000 (SEDAR website, 2007).

In July 2008 Northern Tiger Resources Inc. finalized its 100% acquisition of the Sonora Gulch property from Firestone Ventures.

4.0 Physiography, Climate, Access and Infrastructure

4.1 Physiography and Climate

The Sonora Gulch property is located within a large area of unglaciated terrain typical of central Yukon, although some valley glaciation has occurred. The property area is typified by relatively moderate topography with steep-walled stream valleys. Elevations within property boundaries range from 550 to 1,220 m (1,800' – 4,000').

Outcrop is sparse except along steep slopes, some ridgelines, and stream valleys, particularly along the west bank of Hayes Creek upstream of the Hayes Creek – Selkirk Creek confluence. Pre-2004 bulldozer trenching failed to penetrate the overburden in many locations on the Sonora property (Davidson, 2000); although at some locations limonitic "soil" is actually strongly weathered, decrepitated bedrock. Frozen clay and gravel averages 6 meters of depth on hillsides and 10 meters in the Hayes Creek valley (Davidson), although permafrost is limited to north facing slopes and valley bottoms.

The climate of the Sonora Gulch area is typical of central Yukon, with short, warm summers with daily highs normally exceeding 20° C, and long, cold winters with daily highs normally colder than -18°C. Precipitation is light, and the snow-free period extends from mid-May through late September. Exploration is most feasible from late May to late September, although drilling may continue until late October.

4.2 Access, Infrastructure and Local Resources

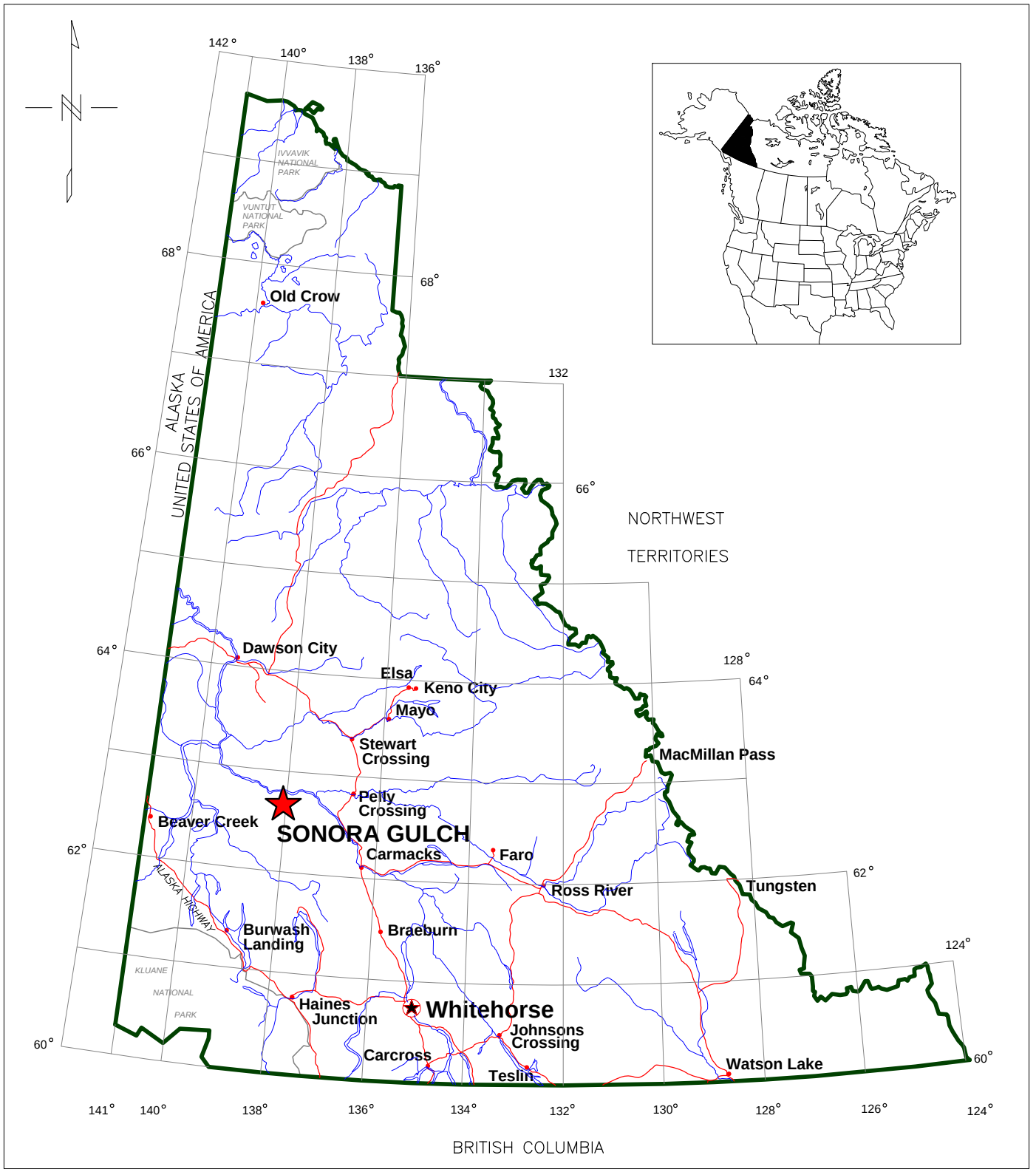
The property is located along the winter road portion of the Casino Trail, which extends north-northwest from the end of the seasonally maintained Freegold Road, itself extending roughly 69 km west-northwest from the Village of Carmacks. The Casino Trail may be utilized by 4-wheel drive vehicles to roughly the intersection with the Lilypad Road roughly 30 km from the project site. From that point on, the trail is usable as a winter road for heavy equipment. The optimum season for winter road haulage is from late February through early April. Portions of the trail are utilized by the annual "Yukon Quest" dogsled run in mid-late February; therefore usage is recommended only after the race has been completed.

A short airstrip utilized by light aircraft located on a broad summit southwest of the Sonora Gulch headwaters has fallen into disrepair. A 1,000-foot airstrip located along the Hayes Creek valley just north of the property is maintained by George Wilson, a Carmacks-based placer miner holding title to placer claims along Sonora Gulch Creek. The property is also accessible by helicopter from the Minto airstrip roughly 60 kilometres to the east, and from the end of the drivable portion of the Casino Trail about 30 kilometres to the southeast.

The Sonora Gulch property is large enough to contain any future mining, milling and waste disposal areas, although heap leach pads would have to be constructed in flat areas other than major stream valleys. Hayes Creek has an adequate water supply to service any future operations; limited water also exists in Sonora Gulch and numerous other tributaries within property boundaries.

Carmacks (population about 350) is serviced by the Klondike Highway, a major all-weather highway extending from Whitehorse to Dawson City, and by grid electric power extending from Whitehorse. The community has basic services, including food and fuel supplies and seasonal helicopter and fixed wing services. The community of Pelly Crossing, located about 30 km northeast of Minto Landing, has a population of about 300, some basic services, and some local workforce. The community is now serviced by grid electrical power from Whitehorse, as is the Minto copper-gold mine operated by Capstone Resources Inc, located about 45 km east of the Sonora property. Whitehorse, located 170 km to the south, is a full service community with a population of about 25,700, including a sophisticated mineral exploration service community and an available workforce.

The property is permitted for diamond drilling through 2010, provided that the programs and camp size are roughly equivalent to those of the 2006 program. A permit for overland wintertime fuel haulage along the Casino Trail has been extended until February, 2011, when haulage is most likely to occur; this permit will have to be re-established after that.



Scale 1:6000000

100000 0 100000

(metres)

Northern Tiger Resources Inc.

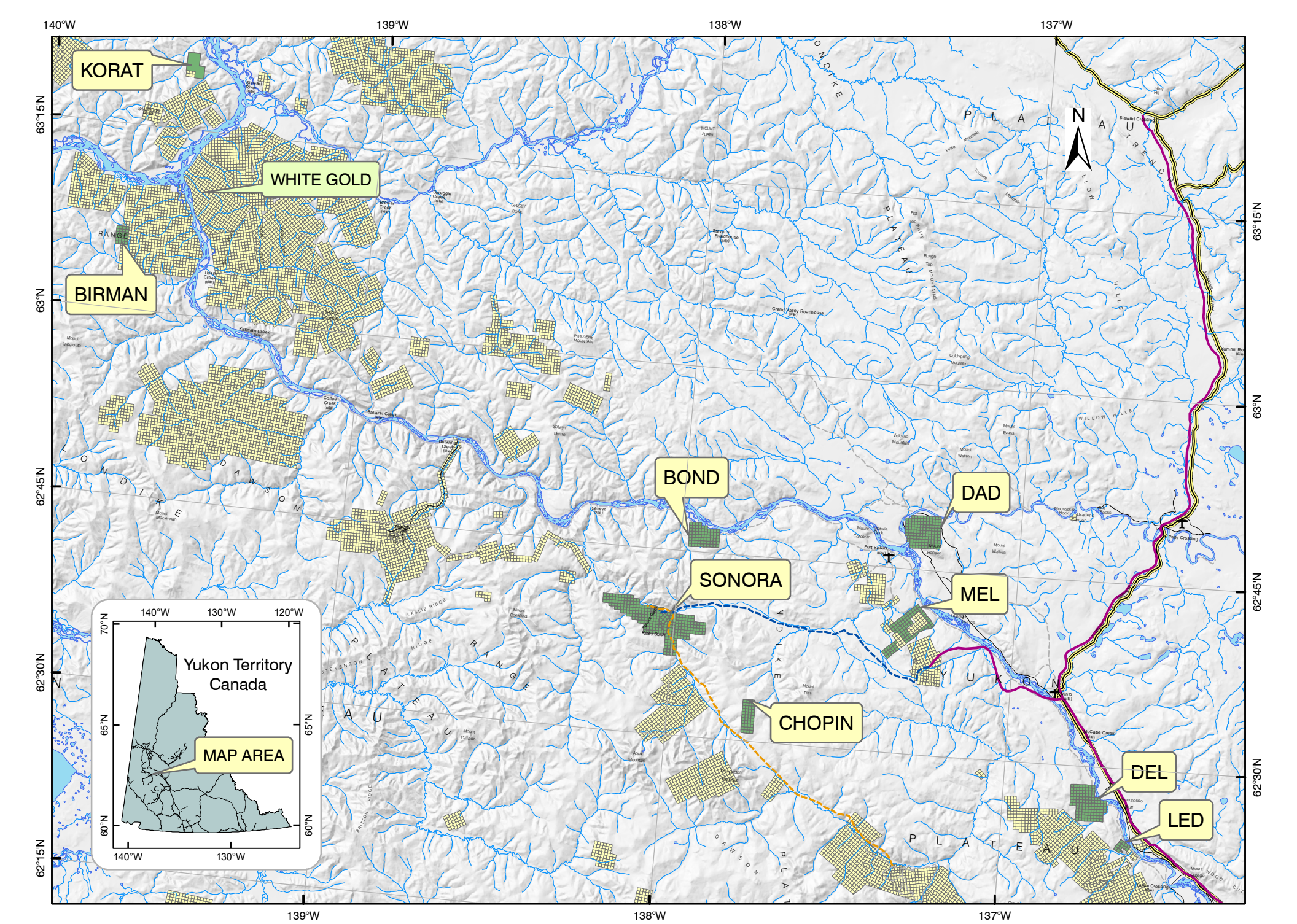
Sonora Gulch Project
Figure 1, Location Map

NTS: 115I12, 115J09

Mining District: Whitehorse

Date: 17 Feb. 2010

Stewart Basin Exploration



Legend

- Casino Trail (winter use)
- Wolverine Crk. Trail (winter use)
- Claims owned by Northern Tiger Resources Inc.
- Power Line
- Klondike Highway
- Active Quartz Claims

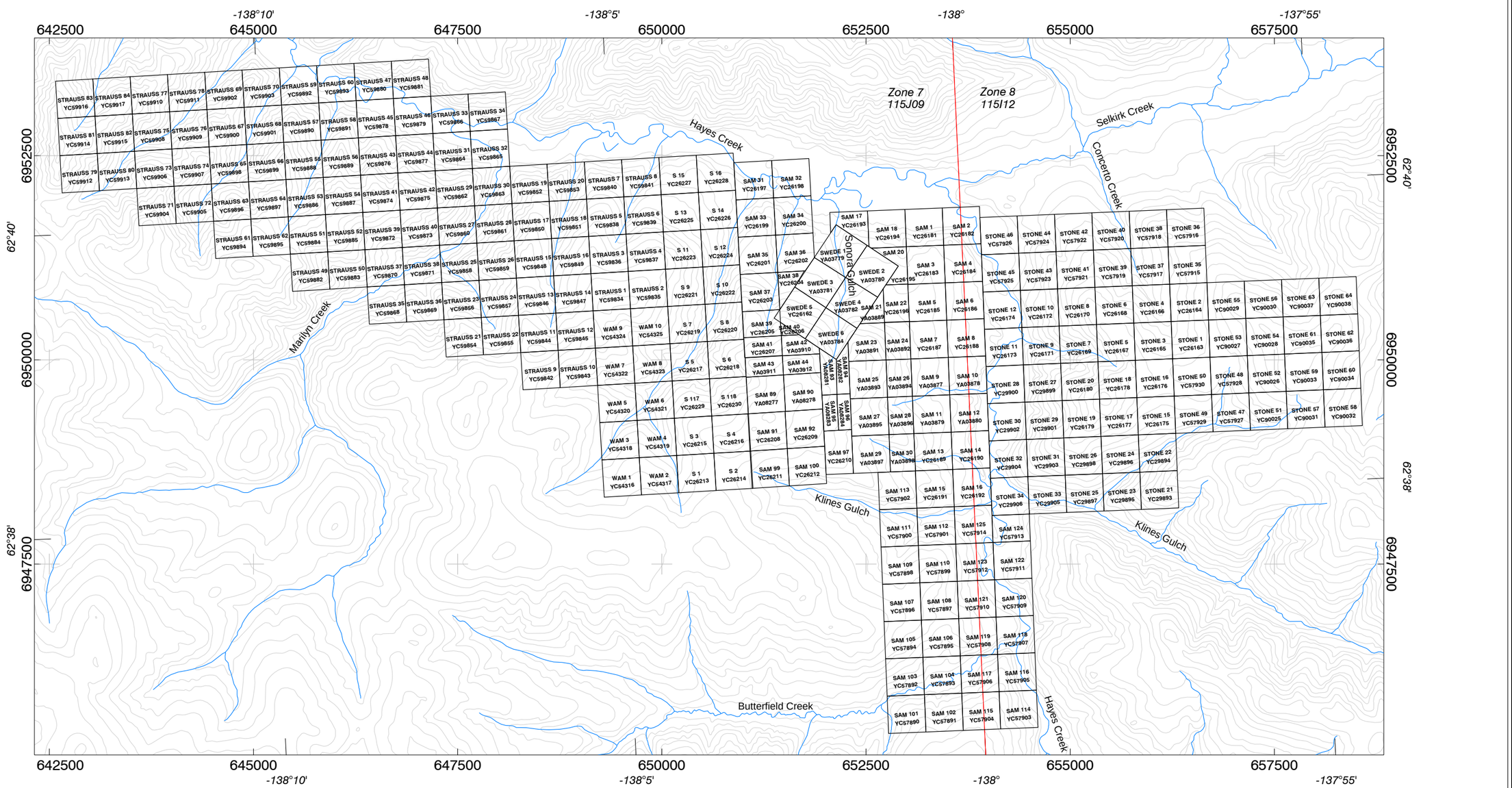
Northern Tiger Resouces Inc.
Figure 2, Regional Location Map

February 17, 2010

Table 1
Claim Status and Expiry Dates, November, 2009
Sonora Project, Northern Tiger Resources Inc.

Claim Name(s)	No. of Claims	Grant No(s)	Expiry Date (following 2009 assessment)
S 1 - 4	4	YC26213 - YC26216	22/12/2027
S 5	1	YC26217	22/12/2026
S 6	1	YC26218	22/12/2027
S 7	1	YC26219	22/12/2026
S 8	1	YC26220	22/12/2027
S 9	1	YC26221	22/12/2026
S 10	1	YC26222	22/12/2027
S 11 - 16	6	YC26223 - YC 26228	22/12/2026
S 117	1	YC26229	22/12/2026
S 118	1	YC26230	22/12/2027
SAM 1 - 8	8	YC26181 - YC26188	22/12/2027
SAM 9 - 12	4	YA03877 - YA03880	22/12/2026
SAM 13 - 18	6	YC26189 - YC26194	22/12/2027
SAM 20	1	YC26195	22/12/2027
SAM 21	1	YA03889	22/12/2026
SAM 22	1	YC26196	22/12/2027
SAM 23 - 24	2	YA03891 - YA03892	22/12/2025
SAM 25 - 30	6	YA03893 - YA03898	22/12/2026
SAM 31 - 38	8	YC26197 - YC26204	22/12/2027
SAM 39	1	YC26205	22/12/2030
SAM 40	1	YC26206	22/12/2026
SAM 41	1	YC26207	22/12/2027
SAM 42 - 44	3	YA03910 - YA03912	22/12/2026
SAM 89 - 90	2	YA08277 - YA08278	22/12/2026
SAM 91 - 92	2	YC26208 - YC26209	22/12/2027
SAM 93 - 96	4	YA08281 - YA08284	22/12/2026
SAM 97	1	YC26210	22/12/2027
SAM 99 - 100	2	YC26211 - YC26212	22/12/2027
SAM 101 - 125	25	YC57890 - YC57914	22/12/2020
STONE 1 - 12	12	YC26163 - YC26174	22/12/2027
STONE 15 - 20	6	YC26175 - YC26180	22/12/2027
STONE 21 - 34	14	YC29893 - YC29906	22/12/2026
STONE 35	1	YC57915	22/12/2020
STONE 36 - 38	3	YC57916 - YC57918	22/12/2018
STONE 39	1	YC57919	22/12/2020
STONE 40	1	YC57920	22/12/2018
STONE 41 - 50	10	YC57921 - YC57930	22/12/2020
STONE 51 - 64	14	YC90025 - YC90038	22/12/2014
STRAUSS 1 - 3	3	YC59834 - YC59836	22/12/2020
STRAUSS 4 - 5	2	YC59837 - YC59838	22/12/2018
STRAUSS 6 - 9	4	YC59839 - YC59842	22/12/2017
STRAUSS 10	1	YC59843	22/12/2018
STRAUSS 11	1	YC59844	22/12/2017
STRAUSS 12	1	YC59845	22/12/2018

Claim Name(s)	No. of Claims	Grant No(s)	Expiry Date (following 2009 assessment)
STRAUSS 13	1	YC59846	22/12/2020
STRAUSS 14	1	YC59847	22/12/2018
STRAUSS 15 - 18	4	YC59848 - YC59851	22/12/2020
STRAUSS 19 - 20	2	YC59852 - YC59853	22/12/2018
STRAUSS 21	1	YC59854	22/12/2013
STRAUSS 22	1	YC59855	22/12/2017
STRAUSS 23 - 25	3	YC59856 - YC59858	22/12/2013
STRAUSS 26 - 30	5	YC59859 - YC59863	22/12/2018
STRAUSS 31	1	YC59864	22/12/2013
STRAUSS 32	1	YC59865	22/12/2017
STRAUSS 33	1	YC59866	22/12/2013
STRAUSS 34	1	YC59867	22/12/2017
STRAUSS 35 - 36	2	YC59868 - YC59869	22/12/2013
STRAUSS 37	1	YC59870	22/12/2014
STRAUSS 38	1	YC59871	22/12/2013
STRAUSS 39	1	YC59872	22/12/2014
STRAUSS 40 - 41	2	YC59873 - YC59874	22/12/2013
STRAUSS 42	1	YC59875	22/12/2014
STRAUSS 43	1	YC59876	22/12/2013
STRAUSS 44	1	YC59877	22/12/2014
STRAUSS 45 - 48	4	YC59878 - YC59881	22/12/2013
STRAUSS 49 - 50	2	YC59882 - YC59883	22/12/2015
STRAUSS 51	1	YC59884	22/12/2016
STRAUSS 52	1	YC59885	22/12/2015
STRAUSS 53	1	YC59886	22/12/2016
STRAUSS 54	1	YC59887	22/12/2015
STRAUSS 55	1	YC59888	22/12/2016
STRAUSS 56	1	YC59889	22/12/2013
STRAUSS 57	1	YC59890	22/12/2015
STRAUSS 58	1	YC59891	22/12/2014
STRAUSS 59	1	YC59892	22/12/2015
STRAUSS 60	1	YC59893	22/12/2013
STRAUSS 61	1	YC59894	22/12/2015
STRAUSS 62	1	YC59895	22/12/2016
STRAUSS 63	1	YC59896	22/12/2015
STRAUSS 64	1	YC59897	22/12/2016
STRAUSS 65	1	YC59898	22/12/2015
STRAUSS 66 - 68	3	YC59899 - YC59901	22/12/2016
STRAUSS 69	1	YC59902	22/12/2014
STRAUSS 70	1	YC59903	22/12/2015
STRAUSS 71 - 84	14	YC59904 - YC59917	22/12/2014
SWEDE 1 - 4	4	YA03779 - YA03782	22/12/2026
SWEDE 5	1	YC26162	22/12/2027
SWEDE 6	1	YA03784	22/12/2026
WAM 1-6	6	YC54316 - YC54321	22/12/2019
WAM 7	1	YC54322	22/12/2017
WAM 8	1	YC54323	22/12/2019
WAM 9	1	YC54324	22/12/2017
WAM 10	1	YC54325	22/12/2019
Total	**259**		



Northern Tiger Resources Inc.

Sonora Project
Figure 3, Claim Location Map

NTS: 115I12, 115J09
Datum: NAD 83
Date: 17 Feb 10

Mining District: Whitehorse
Projection: UTM Zone 7
Drawn by: RS

Stewart Basin Exploration

5.0 History

Much of the information contained in the following pre-2003 history of the Sonora Gulch project, inclusive of activities until 1999, was taken from the January 2000 Davidson report.

Exploration in the Dawson Range began in 1898 when prospectors discovered placer gold in Klines Gulch. In 1899 the first lode claims were staked as the SPRUCE STAKE and OLD ALEX claims at the bottom of Klines Gulch covering a gold-bearing quartz vein. In 1900, an adit located 30 metres north of Klines Gulch is reported to have cut a 2.5-metre wide quartz vein returning values of up to 13.7 g/t gold. The area was re-staked as the PSYCHE and REEF claims upon which N. Lyons recorded 25 metres of drifting from 1904 – 1907 (Yukon Minfile, 2004). The property was re-staked again in 1945 by F.A. DuPont, who conducted considerable trenching from 1946 – 51 related to placer exploration (Yukon Minfile).

The Hayes Creek area shows evidence of several periods of placer testing and mining, occurring in the late 1930s, early 1940s, and 1970s. Total gold production from placer mining on Sonora Gulch and Klines Gulch is estimated at a minimum of 3,000 ounces (Martensson pers. comm.). Gold morphology varies widely, consisting of dendritic, crystalline, wiry, angular and rounded gold grains. Gold-quartz and gold-tetradymite (a bismuth telluride) nuggets are recovered from both gulches. The rough angular appearance of these nuggets is indicative of a nearby bedrock source. Tetradymite nuggets are soft and do not travel far in stream gravels before breaking down. The placer concentrate also contains scheelite, galena, sphalerite and other sulphide minerals.

Modern exploration started in the 1960s when exploration companies began targeting porphyry-style mineralization. During this time the Casino deposit was identified and numerous mineral occurrences were discovered along the trend of the Big Creek Fault. The Casino deposit contains a resource of 125 million tonnes grading 0.3% copper and 0.5 g/t gold. In the late 1980s, the potential for bulk tonnage gold deposits in the oxide zones of porphyry deposits and in breccia bodies was investigated throughout the Dawson Range. Many of the porphyry prospects contain significant gold mineralization.

The Sonora Gulch area was first staked for its porphyry copper-molybdenum potential in 1965 as the HAYES claim by Coranex Ltd (Frobex Ltd, Inco, Dome Exploration Ltd. Denison Mines Ltd and McIntyre Porcupine Mines Ltd), following regional geochemical exploration. In April 1969 the Dawson Range Joint Venture (Straus Exploration, Trojan Consolidated Mines, Great Plains Development Co. of Canada and Molybdenum Corp. of America) re-staked it as the DP 1-24 claims. The joint venture conducted geological mapping and silt and soil geochemical sampling later in 1969 and mechanized trenching in 1970. In 1974 the DC Syndicate (Dome Mines Ltd. and Cominco Ltd) re-staked the area as the NADA 1-24 claims, and followed up with geochemical sampling and geological mapping in 1974 and 1975 (Yukon Minfile).

The Swede 1-6 claims were staked by Swede Martensson and A. McDiamird while conducting placer mining on Sonora Gulch Creek in 1975. Hudson Bay Mining and Smelting, Tombill Mining Ltd. and Minorco Canada Ltd. optioned the claims in 1975 and staked the SAM 1-86

claims, and in 1976 added the SAM 87-98 claims. Hudson Bay conducted geological, geochemical and electromagnetic surveys in 1976 and 1977, bulldozer trenching and an 11-hole, 490-metre diamond drilling program on the SAM 89–96 claims in 1978**.** In early 1979 the claims were transferred to Hudson Bay Exploration and Development which conducted further geochemical and VLF–EM surveying, followed by a 4-hole, 404-metre diamond drilling program in 1980, and by a 6-hole, 812-metre program in 1981. Hudson Bay conducted further geophysical and geochemical surveys and added the SAM 99–128 claims in 1983.

The best results from drilling of the quartz porphyritic intrusion, within the "Gold Vain System" include: 1.87 g/t gold and 36.0 g/t silver across 1.2' (0.36m) in DDH 78-2; 3.4 g/t gold and 1.4 g/t silver across 1.4' (0.43m) in DDH 78-5; 4.1 g/t gold and 12.6 g/t silver across 0.5 feet (0.15m) in DDH 78-7; and 1.23 g/t gold and 36.0 g/t silver across 3.5' (1.07m) in DDH 78-11 (Douglas, 1982)**.** Consistently anomalous gold values were returned from several of the holes, with abundant values in the 300 – 600 ppb range. The best values returned from the Tetradymite Vein System include: 25.0 g/t gold and 39.0 g/t silver across 2.8' (0.85m), and 5.13 g/t gold across 8' (2.44m), both from DDH 81-3; 15.8 g/t gold and 6.6 g/t silver across 4' (1.22m) from DDH 81-4; and 3.9 g/t gold and "95 oz" silver across 0.5' (0.15m) from DDH 81-1 (Douglas). Again, abundant gold values in the 300 to 1000 ppb (0.3 to 1.0 g/t) range were returned (Table 2).

Hayes Resources Inc. acquired ownership of the claims in 1984. Later that year, Hayes Resources performed more trenching and a 5-hole, 695-metre diamond drilling program, with further trenching in 1985. Later in 1985 Hudson Bay Mining and Smelting Ltd. regained title to the claims; however no sizeable exploration programs occurred prior to acquisition by Firestone. Hudson Bay maintained the property through cash-in-lieu payments until 1997, when the claims were returned to Martensson and McDiamird. The claims were then optioned to Selwyn Minerals Inc. which, through Aurum Geological Consultants Inc. conducted limited trench re-mapping and trench rock and soil sampling in 1997 and 1998. In 1997 a total of 10 rock and 36 soil samples were taken from year-1978 trenching of intrusive-hosted mineralization of the "Gold Vein System" southeast of the upper airstrip. In 1998, 7 rock and 15 soils samples were taken from the "Tetradymite Vein System".

Table 2: Selected Drill Results, 1978 - 1984*

DRILL HOLE	GEOLOGY		ANALYTICAL RESULTS		
			Footage	**Au (g/t)**	**Ag (g/t)**
78-5	Oxidized quartz porphyry, fractured, limonite and hematite		144-144.5	3.40	1.4
81-3	TVS, quartz-sulphide vein		351-353.8	25.10	39.0
81-3	Fault zone at porphyry-metavolc. contact		420-428	5.54	4.0
81-4	Mafic volcanics and gabbro		395-398	18.90	6.9
84-3	Porphyry		282-283	22.85	11.0
84-4	Chlorite schist		270-272	6.50	663.0

* from Davidson, 2000

The claims were returned to Martensson and McDiamird in 1999, who staked the STONE 1-48 claims to the east of the existing claim block, and the S 1-16 claims along the west boundary. In 1999 G. Davidson began a compilation and interpretation report on the property which was completed early in 2000. In 2001 a property visit, focusing on potential for the property to host "Pogo-style" mesothermal gold mineralization, was done by J. Pautler, resulting in high gold values obtained from several rock and trench samples. Pautler also stated that the trace element geochemistry at Sonora Gulch is similar to that at the Pogo deposit in the Delta Junction region of Alaska, where a resource of 5.6 million ounces of gold at a grade of 0.52 opt (ounces per tonne) has been delineated (Pautler, 2001, after Smith, 2000).

In December 2003 Firestone Ventures entered into an agreement to earn an 80% interest in the Sonora Gulch property from equal partners Jan Martensson. A one-day property visit, followed by an NI 43-101-compliant report, was conducted in April 2004, leading to identification of the K-467 Zone along the confluence of Little Klines Gulch and Hayes Creek. A June, 2004 surface follow-up program focused on the K-467 area, establishing eastward continuity of the late Cretaceous stock hosting the Gold Vein Zone to Hayes Creek. A single reconnaissance-style soil geochemical traverse east of Hayes Creek established the presence of a strong gold-in-soil anomaly northeast of the K-467 Zone. Follow-up geophysical surveying late in 2005 and in May 2006 and surface geological and geochemical surveying in June 2006 led to identification of the Amadeus and Figaro zones, and the Wolfgang and Jupiter anomalies. A 1,821.1-metre diamond drilling program in 2006 yielded the high-grade "Discovery" intercept of 6.21 g/t gold across 15.3 metres, open at depth at the Amadeus Zone. A follow-up 2,024.9-metre program in July – August 2007 focused mainly on the Amadeus Zone, returning a 64.0-metre intercept grading 1.0 g/t gold overlying the Discovery intercept.

In 2008, a 10-hole, 2,238-metre diamond drilling program was conducted, with six holes targeting the Nightmusic Zone, three targeting the Amadeus Zone and one targeting the Jupiter anomaly. Positive results include a 26.6-metre intercept grading 4.96 g/t gold from the Nightmusic Zone, and a 31.0-metre intercept grading 1.00 g/t gold from the Amadeus Zone.

6.0 Geological Setting

6.1 Regional Geology

The following information was largely provided in the January 2000 Davidson report.

The Sonora property is located within the Yukon-Tanana Terrane (YTT), a broad sequence of accreted terrane abutted against the northwest – southeast trending Tintina Fault, separating the YTT from shelf to off-shelf sediments bordering the ancient North American Continent to the northeast. The YTT consists of a belt of Devono-Mississippian metamorphic rocks, mainly metavolcanics with lesser metasediments. The northwest – southeast trending Denali (Shakwak) Fault about 140 km to the southwest forms the southwestern boundary of the YTT, separating it from a younger sequence of accreted terrane farther to the southwest.

Specifically, the property is located in the Dawson Range, a northwest trending range of mountains extending from Mount Freegold to east-central Alaska. Metavolcanic sequences are primarily quartz-mica schist, gneiss and diorite. Plutonic rocks of the mid-Cretaceous Dawson Range Batholith intrude the YTT over widespread sections of the district. These consist of large bodies of granodiorite and quartz monzonite, and smaller high-level felsic porphyry plugs and sills. Locally, narrow units of Upper Cretaceous (?) ultramafic rock are emplaced along major structures. Volcanic rocks in the district consist of sills, dykes and flows of the late Cretaceous Mount Nansen Group and mafic flows and pyroclastic volcanics of the late Cretaceous Carmacks Group.

Structurally, two regional-scale faults, the northwest – southeast trending Big Creek fault and the east-west trending Hootchekoo fault, traverse the district. The Big Creek fault, extending northwest from the Prospector Mountain area, intersects the Hootchekoo fault somewhat west of the junction of Selkirk and Hayes Creeks; the Big Creek fault then extends more directly westwards beyond this intersection. The two fault zones merge and split along a complex set of structures that follow a WNW trend (Davidson, 2000).

The Big Creek fault is the locus of a well-mineralized belt extending from Freegold Mountain to the Casino deposit. Copper porphyry and structurally hosted gold deposits are found along the fault zones with associated placer gold deposits in the drainages. Placer gold has been mined periodically from many creeks in the district including Hayes Creek, Sonora Gulch and Klines Gulch.

6.2 Property Geology

The 2009 surface program focused on detailed geological mapping in the central project area underlain by a late Cretaceous high-level quartz-feldspar porphyritic intrusion (described as a “rhyolite” in pre-2003 literature), the Nightmusic Zone area and the Concerto Creek and far

eastern property areas. Reconnaissance-style geological mapping was done in areas west of Peter's Gulch. The following section combines earlier work by Firestone Ventures with 2009 findings.

The majority of the Sonora Gulch property is underlain by a broad sequence of Devono-Mississippian Wolverine Creek Metamorphic Suite metavolcanic and metasedimentary rocks, typically schistose to gneissic, directly north of the east-southeast trending Dawson Range Batholith. The Wolverine Creek package consists of a complex intercalation of metabasalts, metagranites and metasediments, primarily fine clastic sediments, including quartzite intercalated with lesser limestone and silty limestone horizons. A kilometric-scale unit of strongly silicified sediments, mapped as "cherty quartzites" occurs adjacent to the Dawson Range Batholith west of Peter's Gulch. West of Hayes Creek, several ultramafic horizons extend conformably within the Wolverine Creek units. These units have been assigned a mid-late Cretaceous age, although formal age dating is required to confirm this. A late Cretaceous high-level quartz-feldspar porphyritic intrusion has been emplaced within the Wolverine Creek sequence along the northern boundary of the Dawson Range Batholith. Several small intrusions, consisting of stocks and sills, also occur west of Hayes Creek. East of Hayes Creek, a small stock of strongly pyritic feldspar porphyritic monzonite, called the Amadeus Stock, was identified in 2006. A larger, kilometric-scale east-west extending quartz-feldspar monzonitic stock occurs directly east-northeast of this (Figure 4).

Mapping in 2008, in combination with earlier work, identified the location and extent of members of the Wolverine Creek sequence. However, although a unit may be assigned a specific lithology, such as metabasalt, it commonly includes small sub-units of a separate lithology. The most common intercalation occurs within the metabasalts, which commonly include smaller units of metagranites and metasediments.

Metabasalts comprise the most aerially extensive member of the Wolverine Creek Suite, underlying much of the northern and southeastern property area, and areas along the north margin of the Dawson Range Batholith west of the late Cretaceous stock. These are typically well foliated, with a well-developed fine gneissic texture. Year-2006 mapping along Little Klines Gulch indicated that metabasalts north of the late Cretaceous stock resemble fine to medium bedded sediments due to silica alteration and a well developed foliation. Some calc-silicate development suggests the metavolcanics were originally calcareous. A zonal alteration assemblage consisting of a strongly silicified and calc-silicate altered horizon extending up to 150 metres north of the contact with the stock, followed by a roughly 100-metre wide zone of strong argillic and weak to moderate phyllic (sericitic) alteration, extending into a 100-metre zone of moderate phyllic alteration only. A narrow quartz-feldspar porphyritic dyke, associated with minor molybdenite, occurs within the argillically altered zone. Metavolcanic rocks north of this third zone show only weak propylitic alteration and minor limonite along fractures.

Metagranites comprise an aerially extensive unit extending across central portions of the property, as well as much of the extreme western area. These have been mapped along the south margin of the ultramafic horizon west of the Big Creek fault, and also along the north margin east of it. Smaller units occur in the Amadeus Stock area, and underlie much of the area east of

the Concerto Creek anomaly. Metagranites have a distinctly granite gneissic texture with quartz and feldspar augen porphyroblasts to 0.5 cm in length. In the far eastern area, these also contain up to 5% potassic feldspar megacrysts to 4 cm. Metagranites tend to host somewhat more foliation-parallel quartz veining and boudins than metabasalts, and tend to display more strongly developed foliation and a higher degree of sericite alteration and weak pyritization. The metagranites and metavolcanics are texturally distinct and readily identifiable in hand specimen.

The metasediments underlie most of the northeastern property area, as well as parts of the west-central area. Metasediments consist largely of phyllite, siltstone and mudstone, with lesser sandstone. They are variably calcareous, and include beds of limestone and silty limestone. Metasediments show a strong foliation and are commonly schistose, with variable and locally strong sericite and/or phlogopite alteration.

A sub-member of the metasedimentary package occurring along the north boundary of the late Cretaceous stock east of Hayes Creek consists of fine bedded, fine-grained units which are strongly silicified, moderately graphitic and show bed-specific fine brecciation. These are interbedded with fine-bedded limestone and fine clastic sediments. The limestone beds have been decalcified and replaced by silica emanating from the stock. Small units of metalimestone occur elsewhere throughout the Wolverine Creek sequence, particularly within the metabasalts and metasediments. These units also include silty limestone, commonly associated with calc-silicate alteration.

A kilometric-scale unit of highly siliceous fine quartzite resembling chert occurs along the north boundary of the Dawson Range batholith in the west-central property area. Sediments are typically medium bedded, weakly pyritic, with minor limonite along bedding planes.

Mapping in 2008 confirmed the location of an east-west extending ultramafic horizon east of the Big Creek fault. Mapping through 2009, combined with diamond drilling from 2007 through 2009, indicate a primarily pyroxenitic composition, with carbonate – silica alteration resulting in "listwanitic" sections near the hanging wall contact. The horizon, which averages 30 to 40 metres in true thickness, extends along an east-west structural corridor.

The ultramafic horizon extends roughly east west for at least three kilometres west of the Big Creek Fault, and has undergone dextral offsetting of about 500 metres along the fault. Moderate drag folding is evident near the fault. Exploration results from 2009 confirm this westward extension and indicate the unit widens west of Peter's Gulch and extends west-northwest about 1.0 km west of the gulch. Mapping suggests the unit becomes discontinuous farther west, and extends roughly 4.5 kilometres west of the Big Creek fault. Mapping in 2008 revealed at least three other separate ultramafic horizons west of the Big Creek fault; one occurs roughly 0.4 km to the north of the main unit; another about 0.5 km north of the main horizon in west-central areas, and the third along the south side of a metagranite unit in the Peter's Gulch area.

The district-scale mid-Cretaceous (100 Ma+/-) Dawson Range Batholith has a fairly equigranular texture and composition consisting of quartz-hornblende-biotite granodiorite, quartz monzonite and quartz diorite to granite, typically coarse grained and equigranular. Portions underlying extreme southwestern portions of the property were described as a coarse grained, buff to pink

granite with almost equal proportions of quartz, orthoclase and albite feldspar with about 1% biotite (Douglas, 1982). Mapping in 2007 through 2009 supports this description.

The late Cretaceous stock occurring along the northern boundary of the Dawson Range Batholith consists of fairly massive feldspar +/- quartz porphyritic monzonite, with 35 to 40% evenly distributed feldspar grains averaging 2-3 mm in length in an aphanitic groundmass. Earlier workers have described this unit as a rhyolite, although it is clearly an intrusive unit, with textures typical of intrusive cores of porphyry systems. The intrusion extends eastwards to Hayes Creek, with the northern contact occurring about 75 metres south of the confluence of Hayes Creek and Little Klines Gulch. In this area the stock hosts abundant grey to white quartz veining, commonly containing chalcopyrite and/or molybdenite, and has undergone weak argillic alteration. Exposed portions are moderately to strongly limonitic.

Mapping from 2006 through 2009, combined with geophysical interpretation, indicates a dextral offset of about 400 metres along the Big Creek Fault which bisects the stock, with the northern margin east of the fault extending roughly parallel to Little Klines Gulch. The stock was not identified along strike on surface east of Hayes Creek, although geochemical and geophysical results suggest it extends about 200 metres east of the Hayes Creek flood plain. Mapping in 2009 identified the northern limit of the stock within Sonora Gulch Creek, as well as two smaller similar units northwest of Sonora Gulch.

The Amadeus stock consists of a roughly east-west trending strongly leached feldspar porphyritic monzonite unit, displaying moderate to strong argillic and moderate phyllic alteration. The interpreted width varies from roughly 50 metres at the base of slope to about 250 metres at a point one kilometre east of Hayes Creek. Drilling in 2008 resulted in only minor modifications to the boundaries, expanding the known dimensions somewhat in extreme eastern and north-central areas.

Although the Amadeus stock is compositionally similar to the quartz-feldspar porphyritic monzonite west of Hayes Creek, it has undergone a greater level of leaching and alteration and contains a greater amount of fine grained disseminated pyrite. Moderate to strong argillic and weak to moderate phyllic alteration have largely masked primary textures. Quartz veining is less abundant than in the western stock, although silicification is strong along the southern boundary, interpreted as the stock's steeply dipping "footwall" contact.

Age dating by V. Bennett of the Yukon Geology Survey in 2009 confirm a common age for the late Cretaceous stock (75 Ma), two feldspar porphyritic dykes (75 Ma) and the Amadeus stock (74 Ma) (Bennett, Schulze, Ouellette and Pollries, 2010). This indicates a common origin for all late intrusive units, equivalent to that of the Casino trend. This age also suggests the units are coeval with the late Cretaceous-aged Carmacks Group volcanics rather than the mid-late Cretaceous Prospector Mountain Suite as previously interpreted.

An intrusive unit was interpreted to occur near the "Wolfgang Anomaly" area northeast of the Amadeus stock, based on very high bismuth values in soil. This has not been confirmed in the field; further work is necessary to determine the origin of the bismuth.

A quartz-feldspar porphyritic monzonite stock occurs to the northeast of the Amadeus stock. This has undergone moderate phyllic alteration and limonitization with minor quartz veining and about 1% disseminated pyrite; alteration and pyrite content decrease eastwards, although the unit is pervasively limonitic. The strongly silicified graphitic member of the metasedimentary package occurs along the north margin of this stock, and extends east of the known eastern limit of the intrusion. Exposures of feldspar porphyritic intrusive rock also occur somewhat to the southwest, suggesting several intrusive units may occur in the Amadeus/ Concerto Creek areas. Mapping in 2008 and 2009 suggest all three stocks belong to the same suite of late Cretaceous (75Ma) intrusive suite.

Mapping in 2009 in the STONE 51-64 claim area adjoining the eastern property boundary indicates northern portions are underlain primarily by coarse grained foliated metagranites, with southeastern portions underlain by intercalated foliated metabasalts +/- metadiorites and metasediments. A portion of the metasediments in the east-central area is comprised primarily of quartzite, although this lacks the silicification evident in the unit west of Peter's Gulch. A unit of late Cretaceous Carmacks Group flow-banded rhyolite, locally quartz +/- feldspar porphyritic, occurs along the northern property boundary; a smaller similar unit occurs towards the eastern limit of 2009 mapping.

6.3 Structural Geology

The following information was largely provided in the January 2000 Davidson report.

The Jurassic period was dominated by arc-continent collision events along the margins of the North American Continent. The principal stress direction resulting from these events is oriented southeast - northwest (130°-150°), creating dextral (right-hand) transcurrent faulting. The Tintina Fault is a prominent northwest – southeast trending regional structure located 100 km northeast of the project area; the Denali Fault located 140 km southwest marks the south-western margin of the Yukon Tanana Terrane (Davidson, 2000).

The major district-scale structural feature is the Big Creek fault, which extends northwest – southeast in the central and southeastern property area, and extends east-west along the Hayes Creek valley in western areas. Mapping from 2006 through 2009 in the area of the late Cretaceous stock and the ultramafic units indicates a dextral offsetting of about 0.4 km.

A late Cretaceous intrusive suite, formerly interpreted as the Prospector Mountain Suite, was emplaced along zones of structural weakness such as the Big Creek Fault and the margins of the Dawson Range batholith. Emplacement along the northwest – southeast trending fault lineation resulted in local uplift and collapse features. On the Sonora Gulch property, porphyry style mineralization is associated with the 75 Ma feldspar porphyritic stock west of Hayes Creek. Emplacement of this stock also resulted in formation of late porphyritic dykes and subsequent emplacement of mesothermal quartz veins and breccia infilling along many of these northwest – southeast trending faults. Subsequent reactivation along faults is evidenced by slickensides and brecciation occurring within many veins and shear zones. Quartz-galena veining is a very late-

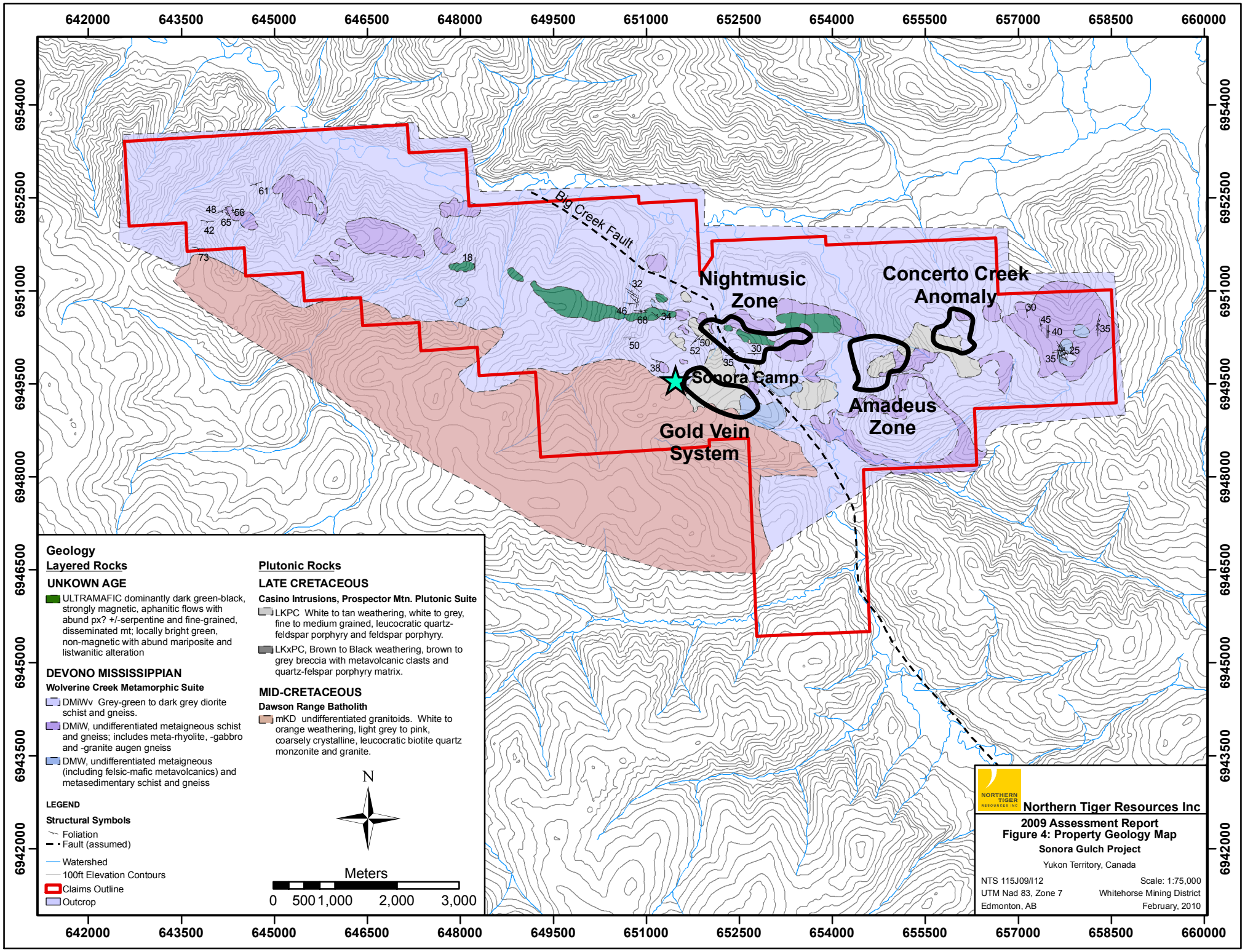
stage event within the porphyry system, apparently emplaced within breccia zones and along faults (Davidson, 2000).

Mapping in 2004 and 2006 have confirmed that the "Tetradymite Vein Zone" northwest of the quartz-feldspar porphyritic stock extends along the Big Creek fault. The northwest – southeast orientation of this fault is consistent with the dominant structural trend in the property area (Davidson, 2000). The Big Creek Fault extends through the area where 2004 sampling by Firestone confirmed earlier high grade gold mineralization near the intrusive margin, returning a value of 10.1 g/t gold across 0.7m from Trench T84-14. Induced Polarization geophysical surveying in 2005 revealed northwest – southeast trending zones, both of high and low resistivity, paralleling this structural lineation.

The ultramafic unit east of the fault has undergone northwest-trending drag folding proximal to the fault. The western offset portion is traceable on surface several hundred metres west of the fault, although soil geochemical interpretation suggests the horizon extends to the fault. East of the Big Creek fault, the ultramafic unit marks the western portion of an east-west extending lineament, indicated farther east by the northern boundary of the easternmost late Cretaceous stock and the strongly altered brecciated metasediments.

Foliation orientations are variable in the eastern property area, with three dominant trends identified. One extends roughly east-west, dipping moderately to the south, roughly parallel to stratigraphic orientation. A second trend consists of roughly north-south striking, steeply dipping foliation and quartz veining, dipping variably to the west and east. This, also identified by Davidson, is particularly pronounced near Hayes Creek. A third foliation set extends northwest – southeast, with steep dips variably to the southwest and northeast; this likely belongs to the lineation represented by the Big Creek fault.

Foliation orientations obtained in 2008 east of the Amadeus stock indicate a dominant north-south striking, moderately east-dipping foliation, paralleling gneissosity close to the stock. Outcrop exposure is sparse; however sufficient rubblecrop exists in most areas to determine lithological contacts. Year-2008 measurements obtained across the property west of Hayes Creek indicate foliation roughly parallel stratigraphy.


642000
643500
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6954000
6952500
6951000
6949500
6948000
6946500
6945000
6943500
6942000
Big Creek Fault
Nightmusic Zone
Concerto Creek Anomaly
Sonora Camp
Amadeus Zone
Gold Vein System
61
48
56
65
42
73
18
32
46
68
34
50
52
30
35
38
30
45
40
35
25
35
Geology
Layered Rocks
UNKOWN AGE
ULTRAMAFIC dominantly dark green-black, strongly magnetic, aphanitic flows with abund px? +/-serpentine and fine-grained, disseminated mt; locally bright green, non-magnetic with abund mariposite and listwanitic alteration
DEVONO MISSISSIPPIAN
Wolverine Creek Metamorphic Suite
DMiWv Grey-green to dark grey diorite schist and gneiss.
DMiW, undifferentiated metaigneous schist and gneiss; includes meta-rhyolite, -gabbro and -granite augen gneiss
DMW, undifferentiated metaigneous (including felsic-mafic metavolcanics) and metasedimentary schist and gneiss
Plutonic Rocks
LATE CRETACEOUS
Casino Intrusions, Prospector Mtn. Plutonic Suite
LKPC White to tan weathering, white to grey, fine to medium grained, leucocratic quartz-feldspar porphyry and feldspar porphyry.
LKxPC, Brown to Black weathering, brown to grey breccia with metavolcanic clasts and quartz-felspar porphyry matrix.
MID-CRETACEOUS
Dawson Range Batholith
mKD undifferentiated granitoids. White to orange weathering, light grey to pink, coarsely crystalline, leucocratic biotite quartz monzonite and granite.
LEGEND
Structural Symbols
Foliation
Fault (assumed)
Watershed
100ft Elevation Contours
Claims Outline
Outcrop
N
Meters
0 500 1,000 2,000 3,000
Northern Tiger Resources Inc
2009 Assessment Report
Figure 4: Property Geology Map
Sonora Gulch Project
Yukon Territory, Canada
NTS 115J09/I12
UTM Nad 83, Zone 7
Edmonton, AB
Scale: 1:75,000
Whitehorse Mining District
February, 2010

7.0 Deposit Types

The Dawson Range area of the Yukon Tanana Terrane occurs within the Tintina Gold Belt, a broad arcuate belt of mid to late Cretaceous intrusive-related hydrothermal and hydromagmatic deposits. This extends from southwest Alaska through the Fairbanks area and the central Yukon to the Yukon – British Columbia border. This belt contains intrusive-hosted bulk-tonnage deposits; skarn deposits (both intrusive-hosted “endoskarn” and adjacent country rock-hosted “exoskarn”); replacement and vein, stockwork and epithermal gold deposits; and vein-style lead-zinc-silver deposits. Associated “pathfinder” elements include antimony, mercury and fairly abundant arsenic.

In this setting, S-type magmas, derived from crustal melting, were emplaced at relatively high crustal levels, resulting in formation of felsic, coarse-grained, dioritic to granitic units, commonly quartz-monzonitic and megacrystic. As cooling continued, progressive fractionation resulted in concentration of “economic” metal ions, such as gold, silver, tungsten and copper, together with arsenic, antimony and other “pathfinder” elements, within remaining fluid phases strongly enriched in water and volatile gases. This metal enrichment and geochemical signature is typical of intrusions throughout the Tintina Gold Belt. Hot metal-enriched water-based fluids, commonly exceeding 300°C, are called “hydrothermal fluids”; fluids with a large volatile gas component are called "pneumatolytic fluids". Water-rich “juvenile” fluids residual from the original magma are called “hydromagmatic fluids”, and commonly cause alteration and mineralization within the host intrusion.

“Country rock” surrounding a magmatic intrusion commonly becomes fractured and buckled, resulting in increased permeability for fluid flow. Fault, fracture and breccia zones are also areas of increased permeability. The hydrothermal fluids concentrated during late stages of cooling tend to migrate outbound from the intrusive stock along permeable horizons, including fault and fracture zones. As these fluids cool, metal ions tend to combine with sulphur ions, forming “sulphide minerals”. These are progressively deposited along walls of permeable zones, forming vein, stringer and stockwork–hosted mineralization, with zone morphology depending on the original dimensions and style of open space formation.

At the Sonora property, gold – copper mineralization within the altered pyritic quartz-feldspar porphyry stock along the north margin of the batholiths may represent intrusive-hosted hydromagmatic mineralization with bulk-tonnage potential. A common deposit setting is of a “Fort Knox” –style gold deposit, where cooling and contraction of the solidified magmatic intrusion resulted in parallel narrow jointing across large peripheral portions. Late metal-enriched hydrothermal fluids infill the joints, creating sheeted veins; the vast majority of the gold is concentrated within these veins. However, incorporation of very low-grade wall rock results in overall bulk-tonnage, low grade gold deposits. A second intrusive-hosted Tintina Gold Belt deposit type is the “Brewery Creek” setting, whereby sub-micron sized gold grains are associated with disseminated pyrite, particularly in areas of fine quartz stockwork emplacement.

Mineralization encountered to date within the late Cretaceous stock suggests the setting is more similar to the Brewery Creek model rather than the Fort Knox model.

The “Tetradymite Vein System” represents hydrothermal veining concentrated along the Big Creek fault, a district-scale lineament, outbound from the porphyritic intrusive source. Potential settings include quartz vein (identified), stringer and stockwork mineralization. Replacement and distal “skarn” style mineralization may also occur where acidic hydrothermal fluids encounter reactive, calcareous stratigraphy, initially creating permeability through “decalcification”, followed by emplacement of metal sulphides from later-staged metal-rich fluids. Hydrothermal vein - stockwork zones constitute an important potential deposit setting in the Sonora Gulch area.

The mineralized zones at Sonora are typical of a “copper-gold porphyry” system. The Dawson Range Gold Belt hosts several large-scale late (75 Ma) Cretaceous copper – gold +/- molybdenum deposits. This deposit type consists of bulk-tonnage-style copper – gold mineralization related to a feldspar +/- quartz porphyritic intrusive stock. Core areas consist of intrusive-hosted disseminated copper sulphides, largely chalcopyrite, commonly with accessory gold. Outbound from the stock, mineralization becomes progressively associated with quartz vein, stringer and stockwork infilling of fracture and breccia zones resulting from intrusion emplacement. Disseminated auriferous sulphide deposits are, however, also common in proximal country rock. A barren “pyrite halo” commonly occurs outside of the core mineralized area. Farther outbound from the central stock, a progression through lead-zinc-silver veins, bonanza veins and epithermal mineralization, including banded veins, typifies many porphyry systems, with potential for distal skarn and replacement mineralization in areas where hydrothermal fluids encounter reactive calcareous country rock.

Diamond drilling in 2006 also revealed strong potential for high grade gold zones hosed by fine silica stringers, along the margins of the feldspar-porphyritic Amadeus stock east of Hayes Creek. Mineralization may occur both within intrusive and meta-igneous host rocks, but appears to be emplaced along permeable, commonly brecciated horizons along the steeply south dipping hanging wall contact. These are distinguished from narrow high-grade veins in the Tetradymite Vein Zone by the lack of typical pathfinder elements, most notably arsenic. This, most similar to the "Carlin" style fine gold deposits in Nevada, represents a new target setting for gold mineralization at the Sonora property.

Another deposit setting, in which gold has been emplaced along the hanging wall of the ultramafic horizon, was identified in 2007. Here, replacement-style mineralization is of hydrothermal origin, emanating from the core porphyry system and encountering an impermeable barrier or "aquiclude", in this case the ultramafic horizon. The fluids are redirected along reactive country rock directly along the hanging wall contact, whereby permeability was enhanced due to fracturing and prior alteration resulting from emplacement of the sill. The sill, having a somewhat alkaline “basic” composition, also provides a chemical barrier to gold-bearing acidic fluids. As the pH of the fluids increases with interaction with the sill, the fluid’s ability to retain gold in solution decreases and gold is precipitated.

Mineralized zones in this setting are linear and narrow, potentially of sizable strike length, with grades dependent on distance from the source, amount of fluid movement, and number of conduits for fluid flow to the horizon. An optimum distance from the core system is required for formation of maximum gold grades, as gold emplacement occurs at specific temperatures and pressures.

8.0 Mineralization

Two major mineralized zones were previously identified on the property. A kilometric-scale zone of anomalous copper-gold mineralization, called the "Gold Vein System" is located towards the western end of the main late Cretaceous quartz-feldspar porphyritic monzonite stock. Several hundred metres to the north, a zone of quartz veins hosting gold-tetradymite (a bismuth telluride) mineralization, called the "Tetradymite Vein System" (TVS) extends northwest-southeast, along the trace of the Big Creek Fault.

A strong gold-in-soil anomaly was identified from a single-line reconnaissance soil survey east of Hayes Creek in 2004. Follow-up soil geochemical surveying between Sonora Gulch and areas east of Hayes Creek led to identification of the "Amadeus Zone" east of Hayes Creek during the June 2006 surface program. This zone was the target of the majority of the 2006 and 2007 drilling, and part of the 2008 program. The 2006 program also led to identification of the Wolfgang gold-copper geochemical anomaly northeast of the Amadeus Zone and the Figaro copper-molybdenum-gold zone along a gulch directly west of Hayes Creek. The 2007 program also revealed a setting whereby strongly anomalous gold occurs along the hanging wall side of the ultramafic horizon east of Sonora Gulch Creek. Follow-up work established this zone, renamed the "Nightmusic Zone" extends along this sill, with variable grades up to 4.96 g/t gold across 26.6m.

8.1 Intrusive-hosted "Gold Vein System"

The Gold Vein System consists of disseminated pyrite and minor chalcopyrite, with sulphide concentrations to 10%. Originally identified along western margins of the late Cretaceous quartz-feldspar porphyritic monzonite intrusion, this mineralized setting is now known to extend throughout it. Although sulphide mineralization certainly occurs within central, massive portions of the intrusive, Davidson states that much of the mineralization, and the best exploration targets, occur along fracture and shear zones associated with northwest – southeast trending faults and northeast-southwest trending shear zones. Values to 3,000 ppb (3.0 g/t) gold were obtained from past trench sampling of areas of fairly massive intrusive fabric. The intrusion has undergone variable argillic and phyllic alteration, with local strong silicification, with mineralized areas associated with manganese, hematite and limonite staining. Sulphides have undergone oxidation to a depth of 80 metres (Davidson).

The underlying unoxidized (hypogene?) zone contains gold-bearing quartz-arsenopyrite veins with sphalerite, galena and stibnite. Narrow quartz-sulphide veins, shear hosted and

mesothermal quartz veins occur largely along the northwest – southeast lineation, with lesser veining also occurring along the northeast – southwest trending lineation. Towards surface these veins have undergone moderate to almost complete oxidation. Precious metal content is directly associated with depth, sulphide content and quartz vein density. Silver and lead geochemical anomalies appear to be controlled by quartz–sulphide veining along the northeast – southwest lineation.

Pre-2003 geochemical sampling indicated the porphyritic monzonite unit has a strongly anomalous gold-silver-lead geochemical signature, with gold-in-soil values exceeding 150 ppb (0.150 g/t) covering an area of 1.2 by 0.3 km. This broad zone contains several localized anomalies exceeding 0.600 g/t gold, with maximum values to 5.500 g/t gold). The southern, topographically higher edge of the gold anomaly terminates abruptly, correlating with a strong VLF-EM anomaly. This may be a fault contact between porphyry and metavolcanic rocks (Davidson) or may represent the contact with the Dawson Range Batholith.

Mapping from 2006 through 2008 indicated that the mineralized setting comprising the "Gold Vein System" extends throughout the stock to the west bank of Hayes Creek. Near Hayes Creek, the stock hosts a greater amount of centimeter to sub-centimeter quartz veining, comprising up to 5% of rock mass, with vein-associated chalcopyrite and molybdenite. Strongly elevated copper and molybdenum values were returned, ranging from 349 to 744 ppm copper (Cu), and from 102 to 140 ppm molybdenum (Mo). Gold and silver values are also somewhat elevated, ranging from 0.036 to 0.131 g/t (ppm) gold (Au) and 0.8 to 2.5 g/t silver (Ag). Chalcopyrite and molybdenite-bearing quartz veins are somewhat more abundant directly along the west bank of the creek, where a grab sample of a 15-cm quartz-molybdenite vein returned 342 ppm Cu, 4,690 ppm (0.469%) Mo, 0.034 g/t Au and 1.9 g/t Ag. This area has been designated as the "Figaro Zone".

Detailed trench sampling in 2006 along the intersection area of the Big Creek fault with the stock revealed abundant strongly foliated and sheared andesitic country rock, but failed to detect significant additional high grade gold mineralization. The best value, of 1.675 g/t Au and 2.3 g/t silver, was returned from a 2.3-metre chip sample including hematitic material obtained adjacent to the 2004 high grade sample.

The 2009 program focused on further mapping of the western and northern portions of the stock, as well as systematic soil sampling across the western area, mostly west of the Big Creek Fault, and extending into the Dawson Range Batholith. Results revealed a broad strong gold-in-soil anomaly, with values commonly exceeding 283 ppb, essentially confirming earlier results. Copper values were weakly to moderately elevated, commonly exceeding 125 ppm, but remaining under 300 ppm. High gold values are underlain by the late Cretaceous stock, and roughly repeat gold-in-soil geochemical values obtained prior to Firestone's ownership of the property. High copper values tend to represent the northern marginal areas of the stock.

8.2 "Tetradymite Vein System" (Big Creek Fault)

The Tetradymite Vein System extends for at least 1.3 kilometres along the northwest-southeast trace of the Big Creek fault. Mineralization is confined to narrow, high grade quartz – arsenopyrite veins, likely having limited strike length. The best result was returned from a 0.7-metre chip sample of strongly altered andesite centered on a quartz-arsenopyrite – galena vein returning 1.135 g/t Au and 31.5 g/t Ag with 757 ppm Cu, 7,020 ppm lead (Pb) and 1,165 ppm zinc (Zn). A composite grab sample of the actual vein material returned 6.4 g/t Au, 430 g/t Ag, 9.28 % Pb, 2.9 % Zn, 1.0% arsenic (As) and >500 ppm cadmium (Cd). This is fairly typical of high grade lead-zinc-silver veins throughout the Tintina Gold Belt, although gold and arsenic values are higher than average.

Year-2009 drilling of the Big Creek Fault, synonymous with the Tetradymite Vein System, revealed a complex history of tectonic activity and associated alteration and mineralization. Hole SG-09-41, targeting the fault, returned a 33.1-metre interval of strongly brecciated feldspar porphyritic monzonite dykes intercalated with metagranite and metabasalts. Detailed analysis of sheared metagranites within this interval revealed the following structural history: an early phase of strong silicification and fine pyritization was followed by strong brecciation and subsequent silica "rehealing". This is commonly, although not ubiquitously, followed by further strong fracturing and emplacement of pink epithermal mineralization, described as "felsite". Late brassy fracture-controlled pyrite emplacement occurred following the "felsite" emplacement phase, locally associated with late silica stringers. Locally this is followed by a final phase of brecciation and fracture-controlled carbonate vein emplacement. Pyrite content ranged from 2% to as high as 20%, with intermittent arsenopyrite enrichment typically associated with minor chalcopyrite and molybdenite content. Anomalous gold values appear to have a direct correlation with arsenic values and a fair correlation with lead, antimony and weakly enriched silver values.

8.3 Amadeus Zone

The Amadeus Zone is hosted by a high-level quartz-feldspar porphyritic stock, locally strongly leached, with moderate to strong limonite and argillic alteration. Fine grained disseminated euhedral pyrite occurs throughout the stock. Speckled azurite and malachite and minor chalcopyrite occur near a small west-draining gulch in west-central areas. Silicification is generally weak, although strong silicification, commonly banded, occurs along the footwall side in western areas, and near the area of minor copper mineralization. Minor quartz veining occurs throughout the zone. Rock sampling returned background copper and molybdenum values; however, most samples returned weakly elevated gold and silver values. Several composite grab rock samples returned greater than 0.100 g/t gold; one sample of stabilized proximal talus of moderately silicified and altered monzonite with fracture-controlled oxidized pyrite returned 1.195 g/t gold with 6.7 g/t silver. Soil sampling revealed a strong gold-in-soil anomaly, with values commonly exceeding 0.200 g/t gold. The western portion returned strongly anomalous molybdenum-in-soil values; sporadic anomalous copper values were returned in central areas.

Drilling in 2006 returned moderately to strongly anomalous gold values from throughout the Amadeus stock, with narrow zones of higher grade gold +/- silver mineralization. Several silicified, strongly arsenical intercepts were returned from proximal country rock somewhat north of the northern boundary; one narrow strongly auriferous quartz-pyrite vein grading 28.8 g/t gold with 94.5 g/t silver across 0.5 metres was also intersected.

Of particular interest is a zone of high grade gold mineralization, referred to as the "Discovery Intercept" from Hole SG-06-06 returning a value of 6.21 g/t gold across 15.3 metres, open at depth. The zone occurs along the contact of the stock with metabasaltic country rock, interpreted as occurring along the hanging wall contact of the zone. It is characterized by fine banded silicification with very fine sulphide mineralization, particularly within the metabasalts. The geochemistry differs markedly from other intercepts, with near-background values of arsenic, copper, lead and zinc, and weakly to moderately elevated silver and antimony values. The hole was terminated due to lack of drill steel.

Drilling in 2007 focused on the vicinity of this intercept. Hole SG-07-12, collared along section 50 metres south of SG-06-06 at the same azimuth, returned a 64.0-metre intercept grading 1.0 g/t gold. Plotting along section indicates this directly overlies the high grade intercept, although the 2007 intercept occurs fully within the intrusion, rather than along its contact, suggesting mineralization may not be controlled by the hanging wall boundary of the stock.

Drilling in 2007 also returned several other narrow low-grade gold intercepts from throughout the zone, as well as several narrow lead-zinc-silver-gold zones. The highest silver grade was returned from Hole SG-07-16, returning 817 g/t silver with 1.12 g/t gold and strongly anomalous base metal values. Farther west, Hole SG-07-17 encountered fairly continuous narrow molybdenite veining returning strongly elevated but sub-economic molybdenum veining.

Three holes targeted the Amadeus Zone in 2008; two of these, SG-08-30 and SG-08-31 targeted the potential east-dipping extension of the high-grade horizons in Holes SG-06-06 and SG-07-12. Hole SG-08-31 intersected 71.0 metres grading 0.649 g/t gold with 4.1 g/t silver, including a 31.0-metre intercept of 1.00 g/t gold with 4.2 g/t silver. Hole SG-08-30 returned an 8.0-metre intercept grading 0.61 g/t Au and 1.7 g/t Ag. The high Au:Ag ratios suggest a continuation of the same zone. Hole SG-08-32, collared about 140 metres west of Hole SG-08-30, returned a 34.0-metre intercept from 41.0 – 75.0m grading 0.244 g/t Au with 0.5 g/t Ag, likely representing the same mineralizing zone.

Induced Polarization surveying conducted in 2008 along an east-west trending line at a diode spacing of 5.0 metres revealed a north-northeast trending zone of high resistivity roughly coinciding with the intercept in Hole SG-08-31. A second line surveyed about 50 metres to the south revealed the continuation of this zone; however the resistivity contrast was considerably less pronounced. This coincides roughly with the lower grade intercept returned in Hole SG-08-30. The survey also revealed a south-plunging zone of high resistivity south of the high grade intercept in Hole SG-06-06.

Re-evaluation of core in 2009 indicate that Amadeus Zone mineralization is epithermal in nature, exemplified by pervasive moderate to strong argillic alteration, weak to moderate silicification,

and disseminated, vein and fracture-hosted brassy pyrite, and anomalous antimony and arsenic values. Skarn-style mineralization is absent, although zones of strongly arsenical silica emplacement occur in metaigneous country rock north of the stock. Rare quartz-pyrite-arsenopyrite veins also occur along the north margin, but are essentially absent within the stock, although numerous intervals of moderately anomalous gold values show a strong correlation with arsenic. Late galena-sphalerite veins, typically strongly enriched in silver and weakly so in gold, are fairly abundant. However, intervals of higher grade gold are typically associated with low to background arsenic values, suggesting a more evolved epithermal nature of gold mineralization.

8.4 Nightmusic Zone

The Nightmusic Zone was identified through reinterpretation of diamond drilling results from 1981 through 1984, as well as results from Hole SG-07-22, targeting a pyroxenite horizon roughly 0.5 kilometres north of the porphyritic monzonite stock. Previous exploration showed that mineralization associated with the ultramafic horizon includes tetrahedrite, malachite and azurite in listwanitic alteration zones and quartz-sulphide veins in fracture zones. An east-west trending geochemical anomaly with strongly anomalous Au-Ag-As-Te-Bi values extends across Sonora Gulch and coincides with the hanging wall of the horizons. A small portion of this unit has been examined by surface exploration and drilling, revealing west-northwest trending quartz-carbonate and quartz-sulphide veining in the wallrock (Davidson).

The 2007 hole, collared about 10 metres south of the hanging wall contact, intersected strongly oxidized and limonitic brecciated metabasalt, with moderate to strong silicification and argillic alteration. The hanging wall basalt returned highly variable gold values, the best of which is 0.939 g/t gold across 1.5 metres occurring directly along the southern contact. Gold values are associated with weakly elevated copper, silver and thorium values.

Holes SG-08-23 through SG-08-25 targeted the Nightmusic Zone at depth and to the east and west. Favourable mineralization from visual identification led to drilling of three further holes, namely SG-08-27 through 29.

Hole SG-08-23 returned a 2.0-metre interval of quartz emplacement directly along the hanging wall contact of the pyroxenite horizon grading 5.09 g/t gold (Au) with 1.2 g/t silver (Ag). Hole SG-08-24 returned a 28.0-metre intercept grading 0.606 g/t Au with 6.0 g/t Ag and 0.075% copper (Cu). Hole SG-08-25 returned a 4.8-metre intercept of mesothermal copper-gold skarn mineralization grading 2.31 g/t Au, 19.8 g/t Ag and 0.737% Cu, with visible gold.

Hole SG-08-27, collared about 150 metres northwest of SG-08-23 returned a 26.6-metre intercept grading 4.96 g/t Au with 11.9 g/t Ag and 0.231% Cu. This interval is comprised of two strongly mineralized subintervals; a 10.0-metre upper interval of a strongly carbonate altered, silicified and moderately hematitic feldspar porphyritic monzonite dyke grading 11.4 g/t Au, 6.3 g/t Ag and 0.047% Cu; and a 6.6-metre lower interval of copper-gold skarn grading 2.49 g/t Au, 30.9 g/t Ag and 0.80% Cu. Both intercepts hosted visible gold and are located slightly up-dip of

the ultramafic horizon. The intermediate 10.0m returned anomalous copper and precious metal values.

Hole SG-08-28, collared at the same location and azimuth as Hole SG08-27 but at a dip of -73°, returned a 23.0-metre intercept grading 1.27 g/t Au, 21.5 g/t Ag and 0.44% Cu, including a 5.0-metre intercept grading 3.27 g/t Au, 42.1 g/t Ag and 1.00% Cu, with visible gold. This interval is more strongly sulphide-enriched than the 10.0-metre high grade interval in SG-08-27; however the host altered feldspar porphyritic dyke is absent. Mineralized zones occur adjacent to or within listwanitic ultramafic horizons; visible gold was identified at one location within the ultramafic horizon.

The 2009 drilling program focused exclusively on the Nightmusic Zone, and its interpreted eastward extension from 2008 soil geochemical results. The program focused specifically on the vicinity of Hole SG-08-27 and areas to the west, and included one hole collared at the north (footwall) side of the ultramafic horizon, and one other collared south of SG-08-27 and drilled to the south, targeting the Big Creek Fault.

The 2009 program returned numerous short intervals of gold mineralization, most typically occurring as quartz-arsenopyrite veins, commonly associated with anomalous silver values and minor galena and sphalerite. This is typified by a 1.5-metre interval returned from SG-09-44, returning 1.80 g/t Au, 138.6 g/t Ag and >1.0% arsenic (As), with anomalous copper and strongly anomalous lead, zinc and antimony values. The highest gold value was returned from a 0.5-metre interval containing a 0.2-metre quartz-pyrite-arsenopyrite vein in Hole SG-09-39 grading 63.8 g/t Au, 46.7 g/t Ag and > 1.0% As, again with anomalous copper, lead, zinc and antimony values. The intercept is hosted in a much broader interval of sheared metabasalts, indicating faulting.

Several short intervals of massive sulphide skarn-style mineralization were also returned from the 2009 program. A 0.4-metre interval of massive pyrite and pyrrhotite in Hole SG-09-43 returned a value of 7.86 g/t Au with 66.7 g/t Ag, 0.202% Cu, and strongly anomalous lead, zinc and moderately anomalous arsenic values. Farther down, a 3.7-metre interval of semi-massive sphalerite and pyrite with minor chalcopyrite returned a value of 0.997 g/t Au, 9.7 g/t Ag, 2.94% Zn and 0.129% Cu, with moderately anomalous lead and arsenic values. Short intervals of chalcopyrite skarn were returned elsewhere, as well as intervals interpreted as strongly altered sulphide bearing feldspar porphyritic monzonite dykes; however, these do not show a strong correlation with gold.

The 2009 program also returned at least one interval of shear-hosted gold mineralization. A 2.9-metre interval hosted within weakly sheared metabasalt centered on a 3-cm pyrite vein rimmed by arsenopyrite returned 3.718 g/t Au, 2.2 g/t Ag, with only weakly to moderately anomalous arsenic and copper values, and background lead and zinc values. A separate 1.4-metre interval of weakly sheared metabasalt farther down the hole returned a value of 5.25 g/t Au with 7.4 g/t Ag and background to near-background values of arsenic, copper, lead, zinc and antimony values.

The 2009 results did not support the hypothesis that gold emplacement consistently occurs along the hanging wall side of the ultramafic horizon, as the majority of anomalous values occurred elsewhere. Although numerous feldspar-porphyritic dykes were encountered, they appear to be of limited extent on an individual basis; no conclusive stratigraphic correlation could be made between sections or between two or more holes collared on a single section. Further detailed interpretation is required to establish the stratigraphic relationship, if any.

The 2009 results did indicate that abundant structural preparation has occurred, particularly close to the Big Creek Fault, suggesting splays of the fault. A strong epithermal overprint, consisting of late silicification, pyritization, pink "felsite" veining and carbonate alteration and veining occurs across much of the western portion of the Nightmusic Zone. Farther east, strong calc-silicate skarn development has occurred within much of the host metabasalts, metasediments, which are intercalated with marble units. Above-background to weakly anomalous gold values were returned from throughout the altered and weakly mineralized portions of the Nightmusic Zone. However, high grade intervals appear to be confined to narrow zones of massive sulphide skarn zones, including copper-gold skarns, select feldspar-porphyritic dykes and quartz-pyrite-arsenopyrite veins. These settings suggest a mesothermal setting for mineralized horizons in the Nightmusic Zone.

8.5 Silica - Graphite Altered Sediments

The 2008 program revealed an area of strongly silicified and graphitic fine-bedded mixed clastic and calcareous sediments that occurs as abundant rubblecrop near the eastern property boundary. This unit extends for at least 1.2 km along and to the east of the northern margin of the eastern late Cretaceous feldspar porphyritic stock, and is up to 200 metres wide. The unit has undergone intense fine brecciation, with very fine grained galena and arsenopyrite along stockwork-style fractures. Abundant rock composite grab sampling returned weakly elevated gold values only, ranging from background to 0.073 g/t; silver values ranged from background to 2.3 g/t, with moderately anomalous arsenic values and sporadic anomalous lead, zinc and antimony values.

No further work was done in the eastern portion of this area in 2009. Western portions extend into the Concerto Creek area.

8.6 "Concerto Creek" area

The Concerto Creek soil anomaly was first identified from a single north-south soil traverse in 2007, returning gold-in-soil values to 0.160 g/t Au with 4.3 g/t Ag. Follow-up systematic soil sampling in 2008 revealed a strong arcuate gold anomaly with values to 0.334 g/t Au with 33.0 g/t Ag with elevated arsenic, lead and antimony values. Towards the southeast margin of this anomaly, a select composite grab sample of similar float pieces of fine clastic sediments with moderate silicification and phyllic alteration returned a value of 1.335 g/t gold with 3.7 g/t silver, 2,620 ppm (0.262%) arsenic and 29 ppm antimony.

The 2009 program included further prospecting and rock sampling along the strong gold-in-soil anomaly. Although rubblecrop and outcrop exposures are sparse, sufficiently abundant proximal float and rubblecrop exists to determine that brecciated, silicified metasediments similar to the aforementioned material to the southeast underlies the soil anomaly. Prospecting also revealed the northern contact of the eastern feldspar porphyritic stock extends directly to the south (uphill) of the anomaly. Composite grab sampling of the metasediments returned anomalous gold values ranging from background to 0.264 g/t Au with 1.8 g/t silver; most samples returned anomalous arsenic, lead and antimony values. A composite grab sample of similar material obtained roughly 300 metres to the west near the intrusive contact returned 0.349 g/t Au with 8.0 g/t Ag. Sampling of monzonite near the contact returned background to near-background gold values.

Year-2009 composite grab rock sampling near the site of the anomalous 2008 sample returned several weakly elevated gold values with anomalous lead and antimony values. One sample returned a higher value of 0.765 g/t Au with 33.2 g/t Ag, and strongly anomalous Pb, As and Sb values. The sampled material was of silicified metasediments with arsenical pyrite which have undergone stronger phyllic alteration and somewhat less silicification and graphitic alteration than the surrounding metasediments.

8.7 Sonata Anomaly

The Sonata soil anomaly was first identified in 2008 from systematic soil sampling west of Sonora Gulch Creek. Additional soil sampling has expanded the anomaly to an area measuring approximately 1 kilometre by 1 kilometre. An interpreted narrow unmineralized ultramafic sill bisects the anomaly. The polymetallic anomaly was defined from 81 soil samples with elevated levels of gold (maximum of 1,755 ppb; average 83 ppb), copper (maximum of 1,680 ppm; average 105 ppm), molybdenum (maximum of 42 ppm; average 3 ppm), silver (maximum of 77 ppm; average of 3 ppm) and lead (maximum of 6,670 ppm; average of 217 ppm) (News Release, Northern Tiger, March, 2010). As of 2009, the bedrock source of the anomaly has not been identified.

9.0 Work program

The 2009 drilling program consisted of 2,454.6 metres of diamond drilling in 12 holes, utilizing NTW-sized core, all targeting the Nightmusic Zone or its interpreted extension to the east, called the Allegro anomaly. Details will be dealt with in “Section 10: Drilling”.

Age dating was performed on several samples of intrusive material by Venessa Bennett of the Yukon Geology Survey. Results are included in this report and in a report entitled “Deconstructing complex Au-Ag-Cu mineralization, Sonora Gulch Project, Dawson Range; A Late Cretaceous evolution to the epithermal environment”, within the 2009 Yukon Exploration and Geology publication.

9.1 Personnel

The following personnel were employed on the Sonora Gulch property in 2009:

Northern Tiger Resources Inc:
Dennis Ouellette, BSc, VP. Exploration: Project Manager

All-Terrane Mineral Exploration Services
Carl Schulze, BSc, PGeo: Project Geologist, Diamond Drilling
Bonnie Pollries, HBSc: Geologist
Darwin Wreggitt, BSc: Camp Manager
Craig Tervit: Senior Technician
Emily Ankrah: Technician
Mike Linley: Technician and camp person
Cameron Ouellette: Technician
Patricio Dagnino: Technician
Janet Brault: Cook
Grayden Ferguson: Assistant Cook

Kluane Diamond Drilling Inc.
Daniel Coyne: Senior diamond driller, partner of Kluane Diamond Drilling
Joshua August: Diamond Driller
Kent Hemington: Diamond Driller
Gerald Lafreniere: Diamond Driller
Robert Jensen: Driller's Helper
Jordan Clark: Driller's Helper
Alex Unterschultz: Driller's Helper

Heli Dynamics Inc.
Bruce Stuart: Pilot

George Wilson: Pad building and drill moving

10.0 Drilling

The 2009 diamond drilling program consisted of 2,454.6 metres of drilling in 12 holes, all targeting the Nightmusic Zone, except for Hole SG-09-42, which targeted the Allegro anomaly along strike to the east. All holes were drilled at an azimuth of 020°, except for Holes SG-09-40 and SG-09-41 which were drilled at an azimuth of 200° (Figure 5).

Drill core is stored at the upper landing strip near the 2009 camp. As of February 2010, pulps and rejects of analyzed samples are held in storage at the ALS Chemex facility at Terrace, British Columbia, Canada.

Holes SG-09-33 and SG-09-34 were collared from a common set-up and drilled at dips of -73° and -55° respectively, directly northwest of Hole SG-08-27 which returned 4.96 g/t gold across 26.6m. Hole SG-09-33 returned a 2.9-metre intercept from 91.0 – 93.9m returning 3.718 g/t Au and 2.2 g/t Ag, including a 1.5-metre intercept from 91.0 – 92.5m grading 6.520 g/t Au with 2.8 g/t Ag. The intercept also returned moderately anomalous arsenic (As) and Molybdenum (Mo) values and weakly anomalous copper (Cu) values. The intercept was returned from weakly sheared metabasalt, centred on a 3-centimetre thick pyritic vein rimmed by arsenopyrite; the intercept includes 7-8% foliation-parallel quartz +/- pyrite veins. Hole SG-09-33 also returned a 1.4-metre intercept from 127.1 – 128.5m grading 5.25 g/t Au with 7.4 g/t Ag and near-background values of Cu and pathfinder elements, except for 57 ppm bismuth (Bi). This intercept was returned from weakly foliated metabasalt, centred on a small shear. A third intercept, from 200.2 to 200.9m, returned 1.190 g/t Au, 9.6 g/t Ag and 0.067% Cu with strongly anomalous As and Bi values, was returned from a nearly massive pyritic horizon in strongly silicified metabasalt.

Hole SG-09-34 returned a 0.6-metre intercept from 81.7 – 82.3m grading 5.45 g/t Au with 3.5 g/t Ag and > 1.0% As, from sheared metabasalt along the hanging wall of an ultramafic dyke. Specifically, mineralization consisted of banded, replacement-style pyrite and arsenopyrite. The hole also returned a 2.0-metre intercept from 187.3 to 189.3m grading 1.195 g/t Au with 10.0 g/t Ag, strongly anomalous As and moderately anomalous Cu values. This intercept consisted of strongly silicified metagranite, with banded pyrite veins. Of interest in this hole is a 0.8-metre intercept from 164.6 to 165.4m grading 0.215 g/t Au with 3,290 g/t (96.2 oz/ton) Ag and 1,170 ppm (0.117%) tungsten (W), returned from a strongly developed pyritic gouge zone in metabasalt.

Holes SG-09-35 and SG-09-36 were also drilled from a common site, at dips of -55° and -70° respectively, roughly 110m west-northwest of Holes SG-09-33 and SG-09-34. Hole SG-09-35 returned a 1.0-metre intercept from 126.8 – 127.8m grading 2.090 g/t Au with 4.1 g/t Ag, >1.0% As and moderately anomalous Bi and Cu. The interval consisted of a 0.3-metre intercept of nearly massive arsenopyrite within a felsic dyke. The best intercept from Hole SG-09-36 was a 2.0-metre interval from 63.4 – 65.4m grading 0.590 g/t Au with near-background values of Ag and pathfinder elements. This was returned from variably bleached metagranite with weak chlorite and phyllic (sericite) alteration.

Hole SG-09-37 was collared about 270 metres southeast of Hole SG-09-33 at a dip of -55°. This returned a 1.1-metre intercept from 82.3 to 83.4m grading 1.315 g/t Au and 62.2 g/t Ag, with 0.104% Cu, strongly anomalous As, Bi, antimony (Sb) and lead (Pb) values. The interval consisted of a 0.5-metre intercept of nearly massive pyrite directly downdip of pink “felsite” veining; these were hosted by metadiorite directly along the hanging wall of a feldspar porphyritic monzonite dyke. Elevated to anomalous Cu values from 140 to 1,132 ppm were returned from surface to a depth of 58.8m; Mo values are also weakly elevated throughout this interval, consisting of metagranite underlain by metadiorite.

Holes SG-09-38 and SG09-39 were collared from a common location about 115 metres west-northwest of Hole SG-09-33, with dips of -55° and -70° respectively. Hole SG-09-38 returned a

1.0-metre intercept from 34.7 to 35.7m grading 1.51 g/t Au with 3.5 g/t Ag and anomalous As and Cu values. The intercept is of bleached metabasalt, with 1-2% banded brassy pyrite and trace chalcopyrite. The hole also returned a 1.2-metre intercept from 98.8 – 100.0m grading 1.045 g/t Au, 24.9 g/t Ag, 0.545% Pb and 0.737% Zn, with strongly anomalous cadmium (Cd), As, and Sb. The intercept comprises part of a strongly mylonitic interval with multi-episodic brecciation, strong argillic alteration and about 9% pyrite.

Hole SG-09-39 returned a 2.0-metre intercept from 45.2 to 47.2m grading 1.045 g/t Au with 0.9 g/t Cu and weakly anomalous As. The interval was hosted by moderately fractured and moderately carbonate-altered metabasalt. This hole also returned a 0.5-metre intercept from 85.4 to 85.9m grading 63.8 g/t Au, 46.7 g/t Ag with >1.0% As, 0.059% Cu and strongly anomalous Pb, Zn and Sb values. The interval is hosted by a 0.2-metre quartz-pyrite-arsenopyrite vein with pink "felsite" veining and fine siliceous brecciation along its south margin.

Hole SG-09-40, collared roughly 180 metres north of SG-09-33 and drilled at an azimuth of 200o and dip of -55°, was designed to be on a common cross-section with Holes SG-08-27 and SG-08-28. This hole returned a 3.0-metre intercept grading 1.035 g/t Au, 6.7 g/t Ag, 0.178% Cu with strongly anomalous Bi, Cd, Pb, Zn and anomalous Sb values. This includes a 1.0-metre sub-interval from 199.7 – 200.7m grading 2.33 g/t Au and 8.0 g/t Ag with 0.163% Cu, returned from an interval of massive pyrite and pyrrhotite with lesser chalcopyrite within sheared metabasalt.

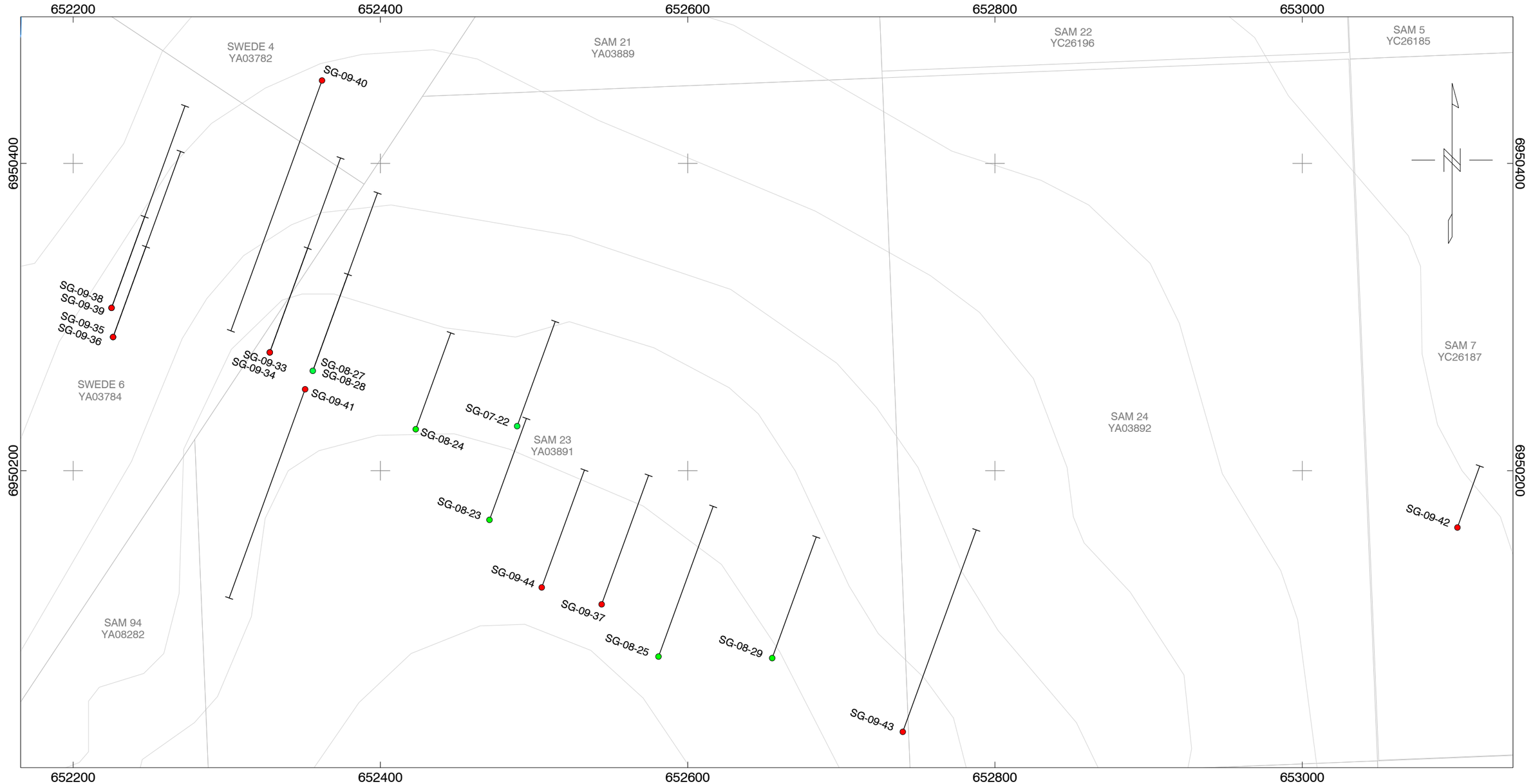
Hole SG-09-41 was collared about 35 metres southeast of SG-09-33 and drilled at an azimuth of 200° and dip of -55°; this is on section with, and directly south of, Holes SG-08-27 and SG-08-28. The hole returned a 4.1-metre intercept from 13.8 – 17.8m grading 1.944 g/t Au, 2.1 g/t Ag and anomalous As, Cd, Cu and Zn values. The intercept was returned from sheared metabasalt, including a 0.7-metre gouge zone from 13.7 – 14.4m. Farther downhole, a 3.0-metre intercept from 55.0 – 58.0m returned a value of 1.01 g/t Au with 2.5 g/t Ag and high As values. The interval was returned from metabasalt with 2% quartz-pyrite-arsenopyrite-chalcopyrite veins. The hole also returned a 2.5-metre intercept from 180.6 – 183.1m grading 0.767 g/t Au, 3.8 g/t Ag and 0.024% Mo, with anomalous Cd, Cu, Pb, and Zn and very strongly anomalous As. The interval was returned from banded quartz-pyrite-arsenopyrite veining in sheared metabasalt.

Hole SG-09-42 was collared about 800 metres east of Hole SG-09-33, and drilled at an azimuth of 020° and dip of -55°. The hole, which targeted the Allegro anomaly on strike with the Nightmusic Zone, was aborted in deep overburden at a depth of 74.2m. The hole intersected non-glacial colluvium to a depth of 67.8m, and valley glacial till from that point to the end of hole.

Hole SG-09-43 was collared about 480 metres southeast of Hole SG-09-33, at a dip of -55°. This intersected a 0.7-metre intercept from 59.1 – 59.8m grading 3.27 g/t Au, 48.4 g/t Ag, 0.110% Cu, 0.392% Zn and >1.0% As with very strongly anomalous Bi, Cd, Pb and high Sb values. The intercept was centered on a massive arsenopyrite vein with lesser early sphalerite and late chalcopyrite, hosted by moderately bleached metadiorite. Hole SG-09-43 also returned a 0.4-metre intercept from 106.4 to 106.8m grading 7.86 g/t Au, 66.7 g/t Ag, 0.202% Cu, with high As and Pb, and very high Bi and Cd values. The intercept was returned from a massive pyrite –

pyrrhotite skarn interval within marble. A third intercept was returned from 130.9 – 134.6m; this 3.7-metre interval graded 0.997 g/t Au, 9.7 g/t Ag, 0.129% Cu, 2.94% Zn, very high Cd, and high As, Pb and W values. This marks the intercept having the highest base metal values returned to date, in which blackjack sphalerite is overprinted by pyrite, pyrrhotite and chalcopyrite. Sulphide mineralization is hosted by strongly developed garnet-chlorite skarn in metabasalt. Much of Hole SG-09-43 consists of calc-silicate-altered (chlorite and epidote) metasediments and metavolcanics, and marble; the hole revealed the strongest skarn development on the Sonora property to date. Several other anomalous gold intercepts, returning less than 1.0 g/t gold, were returned from this hole.

Hole SG-09-44 was collared about 240 metres southeast of Hole SG-09-33, at a dip of -55°. The hole returned a 4.3-metre intercept grading 1.41 g/t Au, 9.7 g/t Ag, very high Pb and Zn, and high As and Bi values. This includes a 2.0-metre sub-intercept from 70.1 to 72.1m grading 2.60 g/t Au and 16.0 g/t Ag. This intercept was returned from part of a larger zone of sheared and mylonitic metabasalt, with several episodes of brecciation and silica and/or pyrite emplacement. Pyrite content across the 2.0-metre subinterval is estimated at 25%. This hole also returned a 1.5-metre intercept from 78.4 to 79.9m grading 1.80 g/t Au, 138.6 g/t Ag, >1.0% As, with very high Bi, Pb, Sb, Zn and high Cd and Cu values. The intercept consists of massive pyrite with lesser arsenopyrite and galena within sheared, moderately silicified metabasalt.



Legend

- 2009 Drill Hole
- 2007, 2008 Drill Hole

Scale 1:2500

25 0 25 50 75 100 125 150 175

(metres)

NAD83 / UTM zone 7N

Northern Tiger Resources Inc.

Sonora Project
Figure 5, 2009 Drill Hole Location Map

NTS: 115J09
Datum: NAD 83
Date: 17 Mar 10

Mining District: Whitehorse
Projection: UTM Zone 7
Drawn by: RS

Stewart Basin Exploration

Table 3

2009 Diamond Drill Hole Survey Data, Nightmusic Zone
Differential Survey, August, 2009
Sonora Gulch Project, Northern Tiger Resources Inc.

Hole ID	Easting	Northing	Elevation (metres)	Azimuth (degrees)	Dip (degrees)	E.O.H. (metres)	Comments
SG-09-33	652328	6950277	957.3	20	-73	246.9	
SG-09-34	652328	6950277	957.3	20	-55	234.8	Ended in ultramafics.
SG-09-35	652226	6950287	943.0	20	-55	224.1	
SG-09-36	652226	6950287	943.0	20	-70	182.9	Cave at E.O.H: Collar left in
SG-09-37	652544	6950113	1006.2	20	-55	155.8	Ended in ultramafics.
SG-09-38	652225	6950306	902.8	20	-55	243.9	Ended in metabasalts
SG-09-39	652225	6950306	902.8	20	-70	184.5	
SG-09-40	652362	6950454	892.0	200	-50	269.8	Ended in unaltered metabasalts
SG-09-41	652351	6950253	973.3	200	-55	252.1	
SG-09-42	653101	6950163		20	-55	74.2	Aborted in overburden (till)
SG-09-43	652740	6950030	963.0	20	-55	243.8	Ended in ultramafics.
SG-09-44	652505	6950124	1006.4	20	-55	141.8	Ended in ultramafics.
						2454.6	

Table 4: Mineralized Intercepts, SG-09-33 through SG-09-42

Hole No	Interval (m)	Width (m)	Gold (g/t)	Silver (g/t)	Copper* (%)
SG-09-33	91.0 – 93.9	2.9	3.72	2.2	
Includes	91.0 – 92.5	1.5	6.52	2.8	
	127.1 – 128.5	1.4	5.25	7.4	
SG-09-34	81.7 – 82.3	0.6	5.45	3.5	
	164.6 – 165.4	0.8	0.22	3290	0.928
	187.3 – 189.3	2.0	1.20	10	
SG-09-35	126.8 – 127.8	1.0	2.09	4.1	
SG-09-36	63.4 – 65.4	2.0	0.59	0.5	
SG-09-37	82.3 – 83.4	1.1	1.32	62.2	0.104
SG-09-38	34.7 – 35.7	1.0	1.51	3.6	
	98.8 – 100.0	1.2	1.05	24.9	
SG-09-39	45.2 – 47.2	2.0	1.05	0.9	
	85.4 – 85.9	0.5	63.8	46.7	
SG-09-40	197.7 – 200.7	3.0	1.04	6.7	0.178
SG-09-41	13.7 – 17.8	4.1	1.94	2.1	
	55.3 – 58.3	3.0	1.01	2.5	
SG-09-42	Abandoned in overburden				
SG-09-43	59.1 – 59.8	0.7	3.27	48.4	0.11
	97.0 – 102.1	5.1	0.45	1.2	
	106.4 – 106.8	0.4	7.86	66.7	0.202
	130.9 – 134.6	3.7	1.00	9.7	0.129
SG-09-44	67.8 – 72.1	4.3	1.41	9.7	
	78.4 – 79.9	1.5	1.80	138.6	

11.0 Sampling Method and Approach

The core was delivered at the end of each shift by motorized 4 x 4 carts to logging facilities at the camp. All boxes were laid out in order and photographed, prior to any measurements or sample layouts.

All drill intervals sampled were split using a high-power rock saw. No unsplit portions were allowed to be shipped, guaranteeing availability of core for re-sampling, if necessary. Detailed and accurate records of sample lengths were retained, as were records of box intervals. Core recoveries were noted for all intervals, with 100% recovery representing a reasonable maximum length of core when placed in the core box, rather than the actual measured interval (recoveries for measured intervals shorter than drilled intervals are thus automatically less than 100%). The vast majority of recoveries per each 5' (1.5m) drill rod exceeded 90% throughout the drilled program. "RQD" measurements were also made, involving the cumulative length of core pieces exceeding 10 cm in unbroken length expressed as a percentage of a known interval.

Samples were taken at regular intervals, to a maximum of 2.0 metres, due to relative uniformity of mineralization. Individual sample lengths were also determined by changes in lithology, alteration, structural zones, such as faults, or amount of quartz veining; thus not all sample lengths are identical. All sample intervals were laid out prior to sampling, with sample numbers marked with small wooden blocks, and intervals carefully documented. A tag with a specific identification number supplied by ALS Chemex for each sample taken was stapled into the core tray within the respective sample interval.

The core trays on either side of the splitter, including the groove underlying the blade, were thoroughly cleaned after each sample. The splitting area, including tables and floors, was swept clean at the end of each day.

The "Quality Control" (QC) regimen consisted of a duplicate sample, immediately followed by a standard and then by a blank sample, emplaced into the sample stream after every 33 samples, ensuring one type of Quality Control sample was placed in each sample batch of 36 samples. Several sets of standards were utilized involving known copper-gold and gold only concentrations. The blanks were taken from bags of dolomitic sand to ensure uniformity of values.

All sample intervals and associated gold and silver values were tabulated in "Excel" spreadsheet format. Weighted averages were taken of all mineralized intervals, including sub-economic ones, and included in the 2009 cross sections (Appendix 2b). Weighted Averages were also taken of copper, molybdenum, lead and zinc where applicable.

No inherent bias during core sampling is likely to have occurred, as all sampled core was sawn into equal halved portions, with the same "side" of each sawn piece placed into the respective sample bag. Rigorous quality-assurance procedures (Sec. 11.2) would eliminate contamination-based biases.

12.0 Sample Preparation, Analysis and Security

All core samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated cable ties ("Zap Straps") and sent in similarly sealed rice bags to an ALS Chemex Laboratories prep lab at Terrace, B.C. Sealed rice bags were personally handed to the courier, Byers Transport, by the qualified person or agent thereof, and were delivered directly to ALS Chemex.

All core and rock samples underwent crushing so that a minimum of 70% of the sample size was passed through a 2.0mm screen. The resulting material was then thoroughly mixed, and a 250-gram portion of this underwent pulverization ensuring that a minimum of 85% of material is less than 75 microns in length. These prepared samples were then shipped to the ALS Chemex Laboratories of North Vancouver, B.C., an analytical laboratory with ISO 9001:2000 certification**.** From this, a 50-gram sample underwent analysis by fire assay with atomic absorption finish.

All samples were also analyzed by 35-element ICP to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, and Zn. Many samples were also analyzed for tellurium (Te) as well. During ICP analysis, a 0.5g sample within 10 ml of solution was submitted for analysis. The detection limit for gold was 0.005 ppm (1 ppm = 1 g/t) the upper limit of analysis by this technique was 9.995 g/t. "Overlimit" analysis by gravimetric analysis ("GRA 22") was automatically done for all gold values exceeding 9.995 g/t. Silver values exceeding 100 g/t were re-analyzed by atomic absorption (AA-46).

This author feels that both the Quality Assurance ("QA") procedures, focusing on rigorous cleaning of sampling gear and supplies to prevent contamination, and Quality Control ("QC") procedures employed by Northern Tiger and by ALS Chemex are sufficient to ensure that results returned are representative of true values within the mineralized horizons intersected by drilling. All intervals of mineralized core were sampled; it is unlikely that significantly mineralized zones remain unsampled.

At this time, no determination was made regarding whether the mineralized intervals returned represent true widths. The Nightmusic Zone has been interpreted to have a steep southward dip of about -80o; therefore core intersection angles range from 25° to 45°. Assuming intercepts are conformable to the orientation of the Nightmusic Zone, true widths stand at 42% to 70% of intersected widths.

13.0 Data Verification

Data verification pertaining to the drilling program was limited to analysis of QC samples inserted into the sample stream. The majority of standard samples provided Cu and Au values within two standard deviations of the mean reported value. Exceptions include two excessively high Au value in Hole SG-09-34, one excessively high gold value in Hole SG-09-39, and one slightly low value in Hole SG-09-40. Copper values were within the ranges stated. Several blank samples showed weak gold contamination, specifically in Holes SG-09-34 and SG-09-43. One blank sample in Hole SG-09-34 returned an anomalous gold value of 0.305 g/t, clearly indicating contamination.

Duplicate sampling showed a strong variation in copper and gold values at low concentrations, a situation prone to high variability, possibly further influenced by the smaller mass of duplicate samples. However, a high variability in values of "original" and duplicate gold values also occurs in the 0.5 to 1.5 g/t range. In Hole SG-09-41, a 2.0-metre sample returning 1.40 g/t Au returned a duplicate value of 0.968 g/t. Standard values within acceptable ranges and background blank values indicate reliable values returned in this batch, suggesting the gold values in the original and duplicate samples are reliable. In Hole SG-09-43, a 1.3-metre sample returning 0.329 g/t Au returned a duplicate value of 0.525 g/t Au. The gold value in the standard sample is reliable, although the blank sample showed weak contamination, returning a value of 0.011 g/t Au. Therefore, the gold values in these original and duplicate samples can be considered reliable.

Duplicate copper values at or above the 0.100% range showed a more consistent correlation with original values.

14.0 Other Relevant Data and Information

This report utilized information in a report entitled: "Deconstructing complex Au-Ag-Cu mineralization, Sonora Gulch Project, Dawson Range; A Late Cretaceous evolution to the epithermal environment", by V. Bennett, C. Schulze, D. Ouellette and B. Pollries, and contained within the 2009 Yukon Exploration and Geology publication. Otherwise, this report was based on information from the 2004 surface program and 2006 assessment report by Firestone Ventures, previous assessment reports, and various government publications.

15.0 Discussion and Conclusion

15.1 Discussion

The 2009 surface program, combined with previous work by Firestone Ventures and Northern Tiger Resources, indicate the Sonora Gulch property covers a porphyry gold–copper-molybdenum target, centered on the 75 Ma stock underlying the Gold Vein System and extending to Hayes Creek. The central stock has a feldspar porphyritic texture typical of core intrusions of porphyry-style systems. Age dating revealed the Amadeus Stock is the same age as the main stock, although it remains inconclusive whether the two are members of the same intrusive body or separate coeval members of the same intrusive suite.

U-Pb age dating performed by V. Bennett of the Yukon Geology Survey on felsic dykes, a small feldspar porphyritic stock in the Nightmusic area, and the Amadeus stock, indicate that all late intrusives have a late Cretaceous age of about 75 Ma. This is roughly coeval with upper Cretaceous Carmacks Group Volcanics, rather than the mid-Cretaceous Prospector Mountain Suite as previously believed. More importantly, the stocks, and thus their associated mineralization, belong to the same suite as the Casino stock, which hosts the Casino gold-copper-molybdenum deposit (Bennett, Schulze, Ouellette and Pollries, 2010). Multiple pulses of mineralization have occurred, indicating a long-lived mineralizing history.

Although the stock underlying the Gold Vein Zone is the main core intrusion, the Amadeus Zone may represent a secondary core area. Here, polymetallic veins may be represented by lead-zinc-silver horizons, and bonanza-style horizons by high-grade gold horizons, particularly where associated with near-background pathfinder element values. However, most of the pervasive mineralization at the Amadeus stock is epithermal in nature (Bennett et al, 2010), suggesting much of the host fluids were evolved, possibly transported from the central stock.

Details of mineralization at the Nightmusic Zone are discussed in “Section 8.8: Mineralization”. Briefly, gold occurs mainly within narrow mesothermal quartz-arsenopyrite veins or within and proximal to felsic dykes. No discernable stratigraphic correlation between holes has been made to date. The broad shear and gouge zones exhibiting multi-pulsed brecciation and pyritic mineralization, as well as a long gouge zone identified in a 2009 roadcut represent the Big Creek fault. This broad fault zone hosts weakly anomalous gold mineralization throughout, with narrow higher grade zones, and was likely the conduit for pulses of hydrothermal fluids originating from the stock. Short higher-grade intercepts outside of but proximal to this fault zone may represent mineralized fault splays. Skarn horizons were likely developed in areas where metal-bearing fluids intersected marble or calcareous horizons. Hole SG-09-40, collared to the north side at a much lower elevation than the other 2009 holes, failed to intersect significant higher grade mineralization at depth, suggesting no improvement of gold grades with depth.

Although some structural control of mineralization may occur along the hanging wall of the ultramafic horizon, potential for an economically viable deposit along this feature is negligible.

Some potential for a small, high-grade deposit occurs near Hole SG-08-27, as the highest gold values tend to have been returned from this area. Potential for economically viable deposits elsewhere in the Nightmusic Zone is low. The strongest gold potential in the Nightmusic Zone vicinity is suggested by a 10.0-metre wide gouge zone roughly 250 metres north of the ultramafic horizon.

The original magma comprising the stock had a large hydrothermal (hot water) and pneumatolytic (volatile gas) component, as well as high concentrations of lead, zinc, cadmium, arsenic, antimony, copper and precious metals. These are elements that do not assimilate into major rock-forming minerals, and thus become concentrated in the remaining melt. During late stages of solidification, metal-enriched hydrothermal fluids and volatile gases migrate along permeable corridors, such as the Big Creek fault and related splays, and form mineralized zones in "traps" of unreactive rock or within specific horizons of reactive rock. The property has potential to host numerous small gold-silver +/- copper deposits outbound of the stock.

15.2 Conclusions

The following conclusions can be made from results of the 2009 diamond drilling program, in combination with age dating of select intrusions on the Sonora Gold project:

- The mineralizing system within the property is clearly a porphyry-style system, centered on the late Cretaceous stock extending from the camp area eastwards to Hayes Creek. The property is sufficient to cover all outlying mineralized features of this system.

- U-Pb age dating indicate that all late intrusive bodies in the Sonora Gulch area have a late Cretaceous age of about 75 Ma, roughly coeval with upper Cretaceous Carmacks Group Volcanics, rather than the mid-Cretaceous Prospector Mountain Suite. The stock belongs to the same suite as the Casino stock, which hosts the Casino gold-copper-molybdenum deposit.

- The Nightmusic Zone likely represents numerous small "bonanza-style" mesothermal quartz-arsenopyrite veins, as well as lenticular bodies of semi-massive copper-gold-silver skarn. This style of mineralization typically occurs between base metal veins proximal to the core intrusion, and distal epithermal-style mineralization.

- The northwest-southeast trending Big Creek Fault was the conduit for multiple pulses of metal-bearing hydrothermal fluids. Mineralization was emplaced within the fault, within splays between the fault and an ultramafic unit forming the northern boundary of the zone, and within calcareous, reactive units in the metavolcanic package south of the ultramafic horizon.

- The 2009 drilling results indicate that mineralization occurs as small units of limited extent, of which no positive correlation of intercepts between holes has been determined to date. Potential for an economically viable deposit in the Nightmusic Zone is very limited, although a small deposit may occur in the vicinity of Hole SG-08-27.

- The strongest gold potential in the Nightmusic Zone vicinity is located at a 10.0-metre wide gouge zone roughly 250 metres north of the ultramafic horizon. Chip sampling returned a value of 0.705 g/t Au with 10.7 g/t Ag across 10.0 metres

- The Sonora Gulch property has potential to host numerous small gold-silver +/- copper deposits outbound of the stock.

16.0 Recommendations

The results of the 2009 diamond drilling program on the Nightmusic Zone were not encouraging; therefore further drilling should be suspended until compilation on this zone is completed and other prospective zones are drill-tested.

Further detailed surface work is recommended for the Nightmusic Zone area to determine the presence and continuity of surface expressions of mineralized intercepts returned from the 2008 and 2009 drilling programs. This surface work should focus on the area between SG-08-25 in the east to the roadcut that is roughly coincident with the Big Creek fault. Drilling when recommenced should also focus on this area, centered on Holes SG-08-27 and SG-08-28.

17.0 References

Bennett, V, Schulze, C, Ouellette, D, and Pollries, B, 2010: Deconstructing Au-Ag-Cu mineralization, Sonora Gulch project, Dawson Range: A late Cretaceous evolution to the epithermal environment, in "Yukon Economic Geology, 2009", Yukon Geology Survey, Ministry of Energy, Mines and Resources, Government of Yukon.

Cathro, R.J., 1970: Geochemical Sampling and Preliminary Geology, DP Claims, Hayes Creek area, Dawson Range, Yukon assessment report (unnumbered) for the Dawson Range Joint Venture

Copland, H., 1987: Geochemical Report on the HAY 1-20 Claims, Yukon Assessment Report 091957 for Noranda Exploration Co. Ltd.

Copland, H, 1988: Geology and Geochemistry on the HAY 1-22 Claims, Dawson Range, Yukon assessment report 092619 for Noranda Exploration Co. Ltd.

Dodson, E.D. 1970: Report on the Hayes Creek Property of Delta International Minerals Ltd (N.P.L.), Yukon assessment report (unnumbered) by MacDonald Consultants Ltd.

Davidson, G.S. 2000: Summary Report on the Sonora Gulch Property, Private report for Engineer Mining Corporation

DIAND, 2004: Yukon Exploration and Geology Reports, Minfile for 2004, Dept. of Indian and Northern Affairs, Geological Services Division Publications.

Doherty, R.A. 1998: Assessment Report Mapping, Soil and Rock Sampling on the Swede and Sam Claims

Doherty, R.A. 1999: Assessment Report Mapping, Soil and Rock Sampling on the Swede and Sam Claims

Douglas, G. 1981: Assessment Report Diamond Drilling Program October 1980. Sam and Swede Claims, Whitehorse Mining District NTS 115 J-9. Assessment Report #090777 for Hudson Bay Mining and Smelting Company Limited.

Douglas, G. 1982: An overview of operations carried out at Sonora Gulch, Yukon Territory, 1975-1981. Private company report for Hudson Bay Mining and Smelting Company Limited.

Douglas, G. 1984: Assessment Report Surface Exploration Program, Sam and Swede Claims, Whitehorse Mining District NTS 115 J-9 and 115 I-12. Assessment Report #091522 for Hudson Bay Mining and Smelting Company Limited.

Douglas, G. 1985: Assessment Report Trench and Diamond Drilling Program, August-September, 1984. Sam and Swede Claims, Whitehorse Mining District, NTS sheets 115 J-9 and 115 I-12. Assessment Report #091612 for Hayes Resources Inc.

GSC: Airborne Geophysical Survey, Open File 2816

Gutrath, G. 1970: Geological and Geochemical Report on the Hayes Claim Group of Delta International Minerals Ltd, Yukon assessment report (un-numbered)

Jilson, G. 1999: Geological and Geochemical Report on the Butter Claims, Deltango Gold Ltd. Assessment report 094172, Ministry of Energy, Mines and Resources, Government of Yukon

Johnston, S.T. and Hachey, N., 1993: Preliminary Results of 1:50,000 Scale Geologic Mapping in Wolverine Creek Map Area (115I-12), Dawson Range, Southwest Yukon, YEG 1992, p.49-60.

Johnston, S.T. and Mortensen, J.K., 1994: Regional Setting of Porphyry Cu-Mo Deposits, Volcanogenic Massive Sulphide Deposits, and Mesothermal Gold Deposits in the Yukon-Tanana Terrane, Yukon, Yukon Metallogeny: Recent Developments.

McKinney, J.S. 1976: Assessment Report Sam Claims, Whitehorse Mining District, 115 J-9, Assessment Report # 090148 for Anglo American Corp. of Canada Ltd.

Northern Tiger Resources Inc, 2010: News Release, Mar 2, 2010. Website, Northern Tiger Resources Inc, 2010

Pautler, J. 2002: 2001 Assessment Report on the Sonora Property, for Swede Martensson.

Schulze, C. 2004: Summary and Preliminary Exploration Report on the Sonora Gulch Property, Dawson Range, Yukon; NI-43-101 Compatible Report for Firestone Ventures Inc, located on "SEDAR" website.

Schulze, C. 2007: Assessment Report, 2006 Geological, Geophysical and Diamond Drilling Programs on the Sonora Gold Project, Carmacks area, Yukon Territory, Canada. Ministry of Energy, Mines and Resources, Government of Yukon

Schulze, C. 2009: Assessment report on 2008 Geological Mapping, Geochemical Sampling and Diamond Drilling Programs, Sonora Property, Dawson Range, Yukon. Ministry of Energy, Mines and Resources, Government of Yukon

Schulze, C, 2008: National Instrument 43-101 report on the 2006 and 2007 Exploration Programs, Sonora Property, Dawson Range, Yukon; Firestone Ventures Inc. Located on "SEDAR" website.

Sinclair, W.D. et al, 1976: Mineral Industry Report 1975, Yukon Territory, DIAND, Report 1976-15.

Walker, A.A., 1977: Assessment Report Geochemical, Electromagnetic and Geological Surveys, August 1977. Sam 1-98 Claims, NTS 115 J-9 and 115 I-12, Assessment Report # 090223 for Anglo Gold Corporation of Canada Exploration.

Appendix 1a. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

1) I am a self-employed Consulting Geologist and sole proprietor of:
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6

2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.

3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).

4) I have worked as a geologist for a total of 26 years since my graduation from Lakehead University.

5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6) I am responsible for preparation of all sections of the technical report titled "Assessment Report on the 2009 Diamond Drilling Program, Sonora Property, Dawson Range, Yukon" on the entire property area comprising the Sonora Gulch Project. I was active on-site during the entire diamond drilling program of roughly 56 days from July 10 to September 3, 2008.

7) I have not had prior involvement with the properties that are the subject of the Technical Report prior to April 2004.

8) As of the date of the certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

9) I am independent of the issuers applying all of the tests in section 1.4 of National Instrument 43-101.

10) I have read National Instrument 43-101 and Form 43-101F1, however this is an Assessment Report and has not been prepared entirely in compliance with that instrument and form.

11) I consent to the public filing of the Assessment Report with the Yukon Mining Recorder, Ministry of Energy, Mines and Resources, Government of Yukon.

12) The effective date of this report is Oct 1, 2009.

Dated this 12th Day of February, 2010

"Carl Schulze"

Carl Schulze, BSc, PGeo
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Whitehorse, Yukon Y1A 5T6
Telephone: 867-633-4807
Fax: 867-633-4883
E-mail: allterrane@northwestel.net

Appendix 1b: Year-2009 Expenditures Filed for Assessment

Sonora Gulch Project, Northern Tiger Resources Inc.

Type of Work	No. of Units	Value/Unit	Value
Wages, Project Geologist:	47 days	$ 680.00	$ 31,960.00
Wages, Senior Technician:	40 days	$ 468.75	$ 18,750.00
Wages, Technician 1	15 days	$ 375.00	$ 5,625.00
Wages, Technician 2	40 days	$ 312.50	$ 12,500.00
Wages, Junior Technicians:	35 days	$ 250.00	$ 8,750.00
Diamond Drilling (metres)	2,454.6 metres	$ 128.00	$314,188.00
Report Writing (estimate)	12 days	$ 640.00	$ 7,680.00
Total:			**$399,453.00**

Appendix 2: Analytical Results

Appendix 2a: Sample Intervals and Descriptions

Core Sample Intervals
Hole No: SG-09-33,
Nightmusic Zone, Sonora Gulch Project
Northern Tiger Resources Inc.

Sample #	Meterage	From	To	Interval		Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
					DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
G226001	4.6-6.1	4.6	6.1	1.5	G226001	0.049	0.4	0.39	36	<10	40	0.7	<2	1.34	2.1	9	6	281	1.8	<10
G226002	6.1-7.6	6.1	7.6	1.5	G226002	0.026	0.3	0.22	167	<10	50	<0.5	2	1.09	0.5	3	4	80	1.48	<10
G226003	7.6-9.6	7.6	9.6	2.0	G226003	0.018	0.2	0.17	59	<10	20	<0.5	<2	1.19	0.5	4	4	63	1.34	<10
G226004	9.6-11.6	9.6	11.6	2.0	G226004	0.013	0.2	0.21	20	<10	40	0.5	2	1.1	0.5	3	3	93	1.5	<10
G226005	11.6-12.2	11.6	12.2	0.6	G226005	0.013	0.3	0.2	39	<10	100	<0.5	2	0.69	<0.5	2	3	55	1.82	<10
G226006	12.2-14.2	12.2	14.2	2.0	G226006	0.026	0.5	0.2	245	<10	100	<0.5	<2	0.4	<0.5	1	3	34	1.73	<10
G226007	14.2-15.2	14.2	15.2	1.0	G226007	0.057	1	0.19	221	<10	140	<0.5	4	0.28	<0.5	<1	2	33	2.4	<10
G226008	15.2-17.0	15.2	17.0	1.8	G226008	0.026	0.9	0.21	37	<10	90	<0.5	2	0.44	<0.5	1	1	48	2.18	<10
G226009	17.0-19.0	17.0	19.0	2.0	G226009	0.025	0.6	0.36	36	<10	40	0.9	<2	1.05	<0.5	7	3	196	1.89	<10
G226010	19.0-20.5	19.0	20.5	1.5	G226010	0.071	0.8	0.39	291	<10	70	1	4	1.28	0.6	4	6	128	2	<10
G226011	20.5-22.5	20.5	22.5	2.0	G226011	0.041	<0.2	0.26	32	<10	20	0.7	2	0.94	1.9	5	3	85	1.38	<10
G226012	22.5-24.5	22.5	24.5	2.0	G226012	0.046	0.5	0.22	48	<10	20	0.7	2	1.04	0.9	5	3	112	1.61	<10
G226013	24.5-26.5	24.5	26.5	2.0	G226013	0.010	0.3	0.16	42	<10	50	0.5	2	0.93	1.2	4	4	71	1.5	<10
G226014	26.5-28.5	26.5	28.5	2.0	G226014	0.289	0.7	0.4	586	<10	70	0.5	4	0.94	3.7	4	4	79	1.87	<10
G226015	28.5-30.5	28.5	30.5	2.0	G226015	0.179	0.3	0.34	127	<10	100	0.5	<2	0.91	14.1	3	5	61	1.4	<10
G226016	30.5-32.5	30.5	32.5	2.0	G226016	0.017	0.3	0.15	23	<10	20	<0.5	2	0.98	1.8	2	5	44	1.3	<10
G226017	32.5-34.5	32.5	34.5	2.0	G226017	0.043	0.2	0.21	50	<10	30	0.6	<2	1.06	1.2	3	3	67	1.52	<10
G226018	34.5-36.5	34.5	36.5	2.0	G226018	0.093	1.8	0.34	96	<10	50	0.5	3	0.66	1.1	6	4	182	2.51	<10
G226019	36.5-38.5	36.5	38.5	2.0	G226019	0.008	0.3	0.3	14	<10	30	0.6	<2	1.01	0.6	3	5	53	1.34	<10
G226020	38.5-39.8	38.5	39.8	1.3	G226020	0.035	0.2	0.39	62	<10	40	0.6	<2	1.06	1.4	3	4	19	1.43	<10
G226021	39.8-41.0	39.8	41.0	1.2	G226021	0.013	0.2	2.2	41	<10	120	1.2	<2	1.6	1	9	28	47	2.71	10
G226022	41.0-42.0	41.0	42.0	1.0	G226022	0.010	0.4	0.44	28	<10	20	0.9	<2	1.16	<0.5	4	6	73	2.25	<10
G226023	42.0-43.4	42.0	43.4	1.4	G226023	<0.005	<0.2	0.17	12	<10	40	<0.5	<2	0.6	<0.5	1	3	19	1.24	<10
G226024	43.4-45.4	43.4	45.4	2.0	G226024	0.013	0.3	0.4	56	<10	30	0.9	<2	3.2	<0.5	9	25	74	2.04	<10
G226025	45.4-46.5	45.4	46.5	1.1	G226025	0.011	0.8	1.6	20	<10	80	0.8	<2	4.94	0.6	26	146	175	4.53	10
G226026	46.5-47.4	46.5	47.4	0.9	G226026	0.022	0.2	1.81	44	<10	20	0.7	<2	2.77	<0.5	23	51	117	3.95	10
G226027	47.4-48.2	47.4	48.2	0.8	G226027	0.009	0.2	1.44	15	<10	20	0.6	<2	1.93	<0.5	8	14	99	2.32	10
G226028	48.2-50.2	48.2	50.2	2.0	G226028	0.007	0.2	2.9	11	<10	30	0.7	<2	2.34	<0.5	14	23	175	4.6	10
G226029	50.2-52.2	50.2	52.2	2.0	G226029	0.017	0.2	2.99	11	<10	40	0.8	<2	2.61	<0.5	16	65	78	3.32	10
G226030	52.2-53.2	52.2	53.2	1.0	G226030	0.217	6.2	2.47	1020	<10	40	0.5	21	3.62	5	20	25	397	7.01	10
G226031	53.2-54.3	53.2	54.3	1.1	G226031	0.011	0.5	4.56	59	<10	40	0.8	<2	3.39	<0.5	23	44	202	4.4	10
G226032	62.8-64.8	62.8	64.8	2.0	G226032	0.005	0.2	1.58	29	<10	30	0.9	<2	1.46	<0.5	7	32	48	2.05	10
G226033	64.8-66.8	64.8	66.8	2.0	G226033	0.016	0.5	0.75	154	<10	30	<0.5	<2	2.27	1	5	5	95	1.96	<10
G226034	dup	64.8	66.8	2.0	G226034	0.008	0.5	0.7	113	<10	20	<0.5	<2	2.72	0.5	4	5	73	1.78	<10
G226035	std			0.0	G226035	NSS	3.6	1.12	61	<10	150	<0.5	5	0.68	2.4	13	61	3220	3.76	<10
G226036	blk			0.0	G226036	<0.005	<0.2	0.21	2	<10	30	<0.5	<2	19.8	<0.5	3	7	5	0.51	<10
G226037	66.8-68.8	66.8	68.8	2.0	G226037	0.017	0.5	0.66	25	<10	20	<0.5	4	1.68	1.9	5	5	59	2.24	<10
G226038	68.8-70.0	68.8	70.0	1.2	G226038	0.164	0.3	1.07	109	<10	90	0.5	<2	1.77	<0.5	5	8	47	2.48	<10
G226039	70.0-72.0	70.0	72.0	2.0	G226039	0.029	0.6	0.76	208	<10	20	0.9	<2	3.44	2.8	9	33	143	2.58	<10
G226040	72.0-74.0	72.0	74.0	2.0	G226040	0.008	<0.2	0.86	18	<10	20	<0.5	<2	1.18	<0.5	5	4	73	1.77	<10
G226041	74.0-76.0	74.0	76.0	2.0	G226041	0.041	1.1	1.91	108	<10	40	0.6	<2	3.24	2.2	11	107	156	3.05	<10
G226042	76.0-77.1	76.0	77.1	1.1	G226042	0.007	0.2	0.93	20	<10	20	<0.5	<2	2.32	<0.5	6	5	97	1.92	<10
G226043	77.1-79.0	77.1	79.0	1.9	G226043	0.006	0.4	0.53	28	<10	10	<0.5	<2	2.12	<0.5	4	3	93	1.41	<10
G226044	79.0-81.0	79.0	81.0	2.0	G226044	<0.005	0.2	0.73	16	<10	30	<0.5	<2	1.71	0.8	4	3	65	1.68	<10
G226045	81.0-83.0	81.0	83.0	2.0	G226045	0.010	0.4	0.63	83	<10	20	<0.5	<2	1.45	<0.5	4	4	77	1.85	<10
G226046	83.0-85.0	83.0	85.0	2.0	G226046	0.037	0.7	0.32	391	<10	10	<0.5	<2	2.39	0.7	4	3	57	1.71	<10
G226047	85.0-87.0	85.0	87.0	2.0	G226047	0.054	0.5	0.36	584	<10	20	<0.5	<2	2.01	1.3	4	3	97	1.41	<10
G226048	87.0-89.0	87.0	89.0	2.0	G226048	0.036	0.2	0.3	109	<10	20	<0.5	<2	1.55	<0.5	3	4	72	1.39	<10
G226049	89.0-91.0	89.0	91.0	2.0	G226049	0.022	0.3	0.52	44	<10	20	<0.5	<2	1.82	3.3	5	4	85	1.67	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
G226001	<1	0.2	10	0.11	163	18	0.01	7	90	11	1.36	<2	<1	32	<10	20	<0.01	<10	<10	2	<10	57
G226002	<1	0.18	10	0.02	58	13	0.03	2	80	4	1.25	2	<1	27	<10	20	<0.01	<10	<10	<1	<10	25
G226003	<1	0.11	10	0.05	116	13	0.03	1	90	4	1.26	<2	<1	27	<10	20	<0.01	<10	<10	<1	<10	14
G226004	<1	0.14	10	0.05	85	7	0.03	1	80	2	1.06	<2	<1	28	<10	20	<0.01	<10	<10	<1	<10	25
G226005	<1	0.28	10	0.02	39	10	0.04	<1	80	3	0.98	<2	<1	20	<10	20	<0.01	<10	<10	1	<10	19
G226006	<1	0.33	10	0.02	24	36	0.03	<1	80	4	0.87	2	<1	20	<10	20	<0.01	<10	<10	<1	<10	13
G226007	<1	0.41	10	0.02	22	96	0.02	<1	100	7	0.93	5	<1	25	<10	30	<0.01	<10	<10	<1	<10	43
G226008	<1	0.32	10	0.02	26	37	0.02	<1	100	8	0.93	5	<1	23	<10	20	<0.01	<10	<10	1	<10	26
G226009	<1	0.14	10	0.04	54	13	0.02	2	80	6	1.27	3	<1	30	<10	20	<0.01	<10	<10	1	<10	34
G226010	<1	0.16	20	0.05	40	14	0.03	5	120	5	1.4	3	1	41	<10	20	<0.01	<10	10	4	<10	106
G226011	<1	0.12	20	0.11	90	34	0.03	1	90	3	1.19	<2	<1	21	<10	20	<0.01	<10	<10	1	<10	72
G226012	<1	0.14	20	0.21	87	41	0.03	<1	80	8	1.16	2	<1	25	<10	20	<0.01	<10	<10	1	<10	56
G226013	<1	0.12	20	0.17	75	35	0.02	<1	80	4	1.11	<2	<1	23	<10	20	<0.01	<10	<10	<1	<10	55
G226014	<1	0.26	20	0.54	103	38	0.03	3	80	6	1.25	<2	1	26	<10	20	0.01	<10	<10	2	<10	183
G226015	<1	0.22	30	0.47	106	32	0.03	1	100	4	0.87	2	1	23	<10	20	0.01	<10	<10	2	<10	546
G226016	<1	0.12	20	0.15	69	29	0.03	<1	90	4	1.13	<2	<1	19	<10	20	<0.01	<10	<10	<1	<10	82
G226017	<1	0.15	20	0.28	95	57	0.02	<1	80	3	1.07	<2	<1	22	<10	20	<0.01	<10	<10	1	<10	60
G226018	<1	0.29	20	0.15	55	59	0.02	4	120	29	2.07	2	<1	22	<10	20	<0.01	<10	<10	1	<10	70
G226019	<1	0.19	30	0.31	71	35	0.03	<1	90	3	0.95	<2	<1	18	<10	20	<0.01	<10	<10	1	<10	24
G226020	<1	0.25	30	0.47	81	25	0.03	1	100	4	1.02	<2	<1	23	<10	20	0.01	<10	<10	1	<10	70
G226021	<1	1.05	30	1.64	192	39	0.12	14	510	4	0.98	<2	6	64	<10	20	0.12	<10	<10	32	<10	76
G226022	<1	0.26	20	0.37	62	48	0.03	7	250	4	1.68	<2	1	54	<10	20	<0.01	<10	10	5	<10	49
G226023	<1	0.18	20	0.06	24	17	0.04	<1	90	2	0.87	<2	<1	17	<10	20	<0.01	<10	<10	<1	<10	18
G226024	<1	0.13	20	1.09	202	13	0.02	32	290	5	1.72	2	4	160	<10	20	<0.01	<10	<10	12	<10	45
G226025	<1	0.5	10	2.56	450	7	0.11	95	1450	6	3.22	<2	14	188	<10	20	0.08	<10	<10	88	<10	51
G226026	<1	0.2	10	1.81	350	9	0.09	28	270	4	2.37	<2	15	83	<10	<20	0.02	<10	<10	75	<10	30
G226027	1	0.16	20	1.01	220	8	0.06	6	350	4	1.05	<2	6	50	<10	<20	0.01	<10	<10	35	<10	20
G226028	<1	0.28	10	1.47	249	20	0.2	10	380	8	2.2	<2	10	69	<10	<20	0.07	<10	<10	66	<10	32
G226029	1	0.18	10	1.89	322	4	0.18	23	450	7	1.25	3	10	86	<10	<20	0.07	<10	<10	79	<10	40
G226030	1	0.32	<10	1.41	350	3	0.16	25	200	157	6.35	5	13	104	10	<20	0.04	<10	<10	106	<10	304
G226031	<1	0.3	<10	2.24	365	4	0.28	22	180	8	1.67	<2	20	125	<10	<20	0.08	<10	<10	168	<10	45
G226032	<1	0.25	20	0.78	105	6	0.12	7	180	3	1.37	<2	3	35	<10	20	0.02	<10	<10	22	<10	31
G226033	<1	0.13	20	0.58	124	3	0.07	1	140	8	1.57	<2	4	61	<10	<20	0.01	<10	<10	13	<10	52
G226034	<1	0.13	20	0.64	144	3	0.06	1	150	7	1.34	<2	4	79	<10	<20	<0.01	<10	<10	12	<10	35
G226035	<1	0.43	20	0.52	278	205	0.04	12	530	115	1.62	27	4	36	<10	<20	0.03	<10	<10	38	10	162
G226036	<1	0.11	<10	11.6	223	<1	0.03	1	240	2	<0.01	<2	<1	53	<10	<20	0.01	<10	<10	3	<10	14
G226037	<1	0.12	10	0.51	89	9	0.05	<1	200	9	1.81	<2	3	31	<10	<20	<0.01	<10	<10	5	<10	92
G226038	<1	0.21	10	0.71	131	6	0.07	5	280	6	1.74	<2	6	57	<10	<20	0.02	<10	<10	17	<10	51
G226039	<1	0.14	10	1.09	282	4	0.01	34	550	7	1.16	<2	8	110	<10	<20	<0.01	<10	<10	26	<10	148
G226040	<1	0.1	10	0.62	131	1	0.03	2	200	4	0.92	<2	5	26	<10	<20	<0.01	<10	<10	8	<10	25
G226041	<1	0.44	10	1.33	218	8	0.12	34	440	19	1.43	<2	10	78	<10	<20	0.05	<10	<10	60	<10	145
G226042	<1	0.19	10	0.88	140	7	0.03	1	210	3	0.99	<2	5	44	<10	<20	0.01	<10	<10	16	<10	20
G226043	<1	0.19	10	0.42	104	61	0.01	<1	180	4	0.88	<2	2	36	<10	<20	<0.01	<10	<10	4	<10	21
G226044	<1	0.17	10	0.62	95	17	0.03	<1	190	3	1.03	<2	3	24	<10	<20	0.01	<10	<10	7	<10	42
G226045	<1	0.17	10	0.5	94	10	0.03	<1	190	4	1.36	<2	3	17	<10	<20	<0.01	<10	<10	6	<10	18
G226046	<1	0.18	10	0.23	115	7	0.02	<1	180	6	1.33	<2	2	31	<10	<20	<0.01	<10	<10	2	<10	43
G226047	<1	0.17	10	0.26	125	9	0.02	<1	160	11	0.88	<2	3	31	<10	<20	<0.01	<10	<10	2	<10	75
G226048	<1	0.13	10	0.22	74	7	0.03	<1	110	4	1	<2	2	26	<10	<20	<0.01	<10	<10	1	<10	15
G226049	<1	0.21	10	0.56	96	106	0.03	1	190	4	0.99	<2	3	47	<10	<20	0.01	<10	<10	7	<10	168

G226050	91.0-92.5	91.0	92.5	1.5	G226050	6.520	2.8	0.31	688	<10	20	<0.5	<2	1.73	1	8	3	335	2.92	<10
G226051	92.5-93.9	92.5	93.9	1.4	G226051	0.715	1.5	0.55	1900	<10	40	0.6	2	2.71	1.1	7	4	209	2.4	<10
G226052	93.9-95.9	93.9	95.9	2.0	G226052	0.026	0.3	2.56	53	<10	40	0.7	<2	3.08	0.9	16	14	159	2.99	<10
G226053	95.9-97.8	95.9	97.8	1.9	G226053	0.009	0.3	2.82	22	<10	60	0.8	<2	3.4	<0.5	18	17	223	3.65	10
G226054	97.8-99.8	97.8	99.8	2.0	G226054	0.010	0.2	1.01	146	<10	20	0.7	<2	2.56	<0.5	9	17	129	2.5	<10
G226055	99.8-101.7	99.8	101.7	1.9	G226055	0.007	<0.2	1.16	120	<10	40	0.9	<2	4.14	<0.5	12	60	137	2.73	<10
G226056	101.7-103.7	101.7	103.7	2.0	G226056	<0.005	0.2	0.24	20	<10	20	<0.5	<2	1.44	<0.5	3	5	58	1.28	<10
G226057	103.7-104.5	103.7	104.5	0.8	G226057	0.058	0.5	0.21	148	<10	20	<0.5	<2	2.6	<0.5	5	13	66	1.66	<10
G226058	104.5-106.4	104.5	106.4	1.9	G226058	0.014	0.2	0.29	187	<10	200	0.5	<2	3.19	<0.5	6	4	63	1.83	<10
G226059	106.4-107.0	106.4	107.0	0.6	G226059	0.005	<0.2	0.53	27	<10	170	0.8	<2	2.73	<0.5	6	3	90	2.38	<10
G226060	107.0-108.8	107.0	108.8	1.8	G226060	0.018	0.3	0.43	150	<10	100	0.9	<2	3.15	<0.5	11	14	126	1.86	<10
G226061	108.8-109.6	108.8	109.6	0.8	G226061	0.039	0.4	0.34	398	10	210	0.6	<2	4.6	0.8	8	17	75	1.75	<10
G226062	109.6-111.5	109.6	111.5	1.9	G226062	0.222	1.6	0.39	1850	<10	180	1.6	4	10.7	8.4	9	25	113	2.77	<10
G226063	111.5-112.2	111.5	112.2	0.7	G226063	0.045	1.9	0.48	261	<10	350	1.7	<2	8.86	1.3	16	26	298	2.54	<10
G226064	112.2-113.1	112.2	113.1	0.9	G226064	0.011	0.3	0.26	126	10	520	0.7	<2	5.93	1.2	6	38	44	1.84	<10
G226065	113.1-114.7	113.1	114.7	1.6	G226065	0.466	6.0	0.13	6150	<10	100	1.2	<2	11.55	10.3	54	525	82	4.04	<10
G226066	114.7-115.7	114.7	115.7	1.0	G226066	0.015	0.4	0.32	395	10	110	1.1	<2	10.8	1.6	13	246	62	3.56	<10
G226067	115.7-117.0	115.7	117.0	1.3	G226067	<0.005	<0.2	0.82	334	10	50	1.4	<2	6.86	<0.5	23	470	18	3.33	<10
G226068	117.0-118.5	117.0	118.5	1.5	G226068	0.006	<0.2	2.24	115	10	110	0.8	<2	3.51	<0.5	27	372	41	3.84	10
G226069	118.5-120.5	118.5	120.5	2.0	G226069	0.006	<0.2	3.17	43	<10	200	0.8	<2	4.12	<0.5	31	596	10	4.48	10
G226070	dup	118.5	120.5	2.0	G226070	0.014	<0.2	3.08	37	<10	140	0.7	<2	4.12	<0.5	30	595	12	4.36	10
G226071	std			0.0	G226071	0.258	2.9	1.99	63	<10	90	<0.5	<2	0.77	1.5	14	96	3280	4.5	10
G226072	blk			0.0	G226072	<0.005	<0.2	0.24	10	<10	30	<0.5	<2	18.6	<0.5	2	9	45	0.53	<10
G226073	120.5-121.8	120.5	121.8	1.3	G226073	0.008	<0.2	3.27	37	<10	180	0.8	<2	4.59	<0.5	33	928	14	4.53	10
G226074	121.8-122.5	121.8	122.5	0.7	G226074	0.033	0.7	0.94	218	<10	80	1.5	<2	7.54	<0.5	38	381	230	4.77	<10
G226075	122.5-123.6	122.5	123.6	1.1	G226075	0.032	<0.2	0.58	68	<10	50	1.5	<2	5.63	<0.5	20	140	50	2.92	<10
G226076	123.6-125.6	123.6	125.6	2.0	G226076	0.010	<0.2	1.17	31	<10	70	0.9	<2	6.12	6.2	21	372	124	3.99	<10
G226077	125.6-127.1	125.6	127.1	1.5	G226077	<0.005	<0.2	1.03	83	<10	70	1	<2	5.45	<0.5	21	556	17	2.75	<10
G226078	127.1-128.5	127.1	128.5	1.4	G226078	5.25	7.4	1.18	36	<10	140	0.6	57	3.07	<0.5	16	65	64	3.19	<10
G226079	128.5-130.0	128.5	130.0	1.5	G226079	0.021	0.2	0.56	26	<10	100	0.6	<2	6.29	<0.5	10	17	90	2.99	<10
G226080	130.0-131.5	130.0	131.5	1.5	G226080	0.019	<0.2	2.4	34	<10	100	0.7	<2	5.05	<0.5	34	849	89	4.11	<10
G226081	131.5-132.9	131.5	132.9	1.4	G226081	0.102	0.2	0.5	106	<10	20	0.7	<2	10.35	<0.5	28	26	102	4.06	<10
G226082	132.9-133.6	132.9	133.6	0.7	G226082	0.046	<0.2	0.43	93	<10	20	0.9	<2	8.02	<0.5	21	52	67	3.71	<10
G226083	133.6-135.6	133.6	135.6	2.0	G226083	0.023	<0.2	1.38	37	<10	110	0.8	<2	5.69	<0.5	19	56	76	3.16	<10
G226084	135.6-137.6	135.6	137.6	2.0	G226084	0.029	0.3	1.23	22	<10	70	0.9	<2	6.57	<0.5	21	45	87	3.04	<10
G226085	137.6-139.6	137.6	139.6	2.0	G226085	0.048	0.7	0.78	60	<10	30	0.9	3	7.95	<0.5	20	38	162	3.84	<10
G226086	139.6-141.5	139.6	141.5	1.9	G226086	0.049	0.2	0.84	51	<10	50	0.9	<2	7.11	<0.5	19	106	109	2.8	<10
G226087	141.5-142.1	141.5	142.1	0.6	G226087	0.015	3.5	0.19	47	<10	20	<0.5	28	2.13	0.9	27	11	1215	16.5	<10
G226088	142.1-143.7	142.1	143.7	1.6	G226088	0.037	0.6	0.79	47	<10	40	1	<2	6.18	<0.5	29	37	226	2.87	<10
G226089	143.7-145.7	143.7	145.7	2.0	G226089	0.088	0.4	0.29	89	10	100	1	<2	10.6	<0.5	24	33	130	3.76	<10
G226090	145.7-147.4	145.7	147.4	1.7	G226090	0.018	0.2	0.35	45	<10	90	1.2	<2	13.1	<0.5	10	29	29	3.06	<10
G226091	147.4-148.3	147.4	148.3	0.9	G226091	0.019	0.3	0.34	151	10	20	1.1	<2	10.85	<0.5	15	32	20	3.09	<10
G226092	148.3-150.3	148.3	150.3	2.0	G226092	0.006	<0.2	0.25	44	<10	170	0.9	<2	17.2	<0.5	5	16	25	2.78	<10
G226093	150.3-152.3	150.3	152.3	2.0	G226093	0.006	<0.2	0.25	29	<10	40	1	<2	16.4	<0.5	5	19	18	2.42	<10
G226094	152.3-153.5	152.3	153.5	1.2	G226094	0.006	<0.2	0.28	60	<10	190	0.8	<2	13.75	<0.5	9	33	22	3.08	<10
G226095	153.5-154.1	153.5	154.1	0.6	G226095	0.034	0.5	0.42	155	<10	260	0.9	<2	7.13	0.5	39	41	121	3.32	<10
G226096	154.1-156.1	154.1	156.1	2.0	G226096	0.046	0.2	0.41	71	<10	20	0.8	<2	3.8	<0.5	14	27	111	2.31	<10
G226097	156.1-157.7	156.1	157.7	1.6	G226097	0.070	2.1	0.31	191	10	140	0.6	<2	5.6	4.7	18	15	517	4.13	<10
G226098	157.7-159.7	157.7	159.7	2.0	G226098	0.112	0.8	0.35	77	<10	340	0.8	<2	4.4	<0.5	12	34	239	2.92	<10
G226099	159.7-160.5	159.7	160.5	0.8	G226099	0.014	<0.2	0.38	112	<10	400	0.8	<2	6.77	<0.5	14	17	49	3.83	<10
G226100	160.5-162.2	160.5	162.2	1.7	G226100	0.011	<0.2	0.4	225	<10	80	0.7	<2	6.36	<0.5	18	4	107	4.57	<10
G226101	162.2-163.9	162.2	163.9	1.7	G226101	0.019	0.9	0.41	145	<10	130	1.1	<2	6.62	<0.5	24	28	339	4.25	<10
G226102	163.9-165.3	163.9	165.3	1.4	G226102	0.014	0.3	0.33	113	<10	10	0.7	<2	6.45	<0.5	9	23	91	3.51	<10
G226103	165.3-167.3	165.3	167.3	2.0	G226103	0.028	0.2	0.4	314	10	90	0.7	<2	4.24	<0.5	12	13	91	2.47	<10
G226104	167.3-169.3	167.3	169.3	2.0	G226104	0.027	1.8	0.2	442	<10	630	<0.5	16	5.95	1.2	6	14	241	2.86	<10
G226105	169.3-171.3	169.3	171.3	2.0	G226105	0.022	0.2	0.28	712	10	250	0.7	<2	6.41	1.3	8	18	85	2.96	<10
G226106	dup	169.3	171.3	2.0	G226106	0.019	0.5	0.3	624	10	530	0.7	<2	6.71	1.4	9	20	99	2.99	<10
G226107	std			0.0	G226107	1.07	3.5	1.18	64	<10	160	<0.5	5	0.71	2.5	13	62	3400	3.87	10
G226108	blk			0.0	G226108	<0.005	<0.2	0.22	3	<10	30	<0.5	<2	18.4	<0.5	2	8	54	0.53	<10
G226109	171.3-173.1	171.3	173.1	1.8	G226109	0.029	0.6	0.33	683	10	680	0.9	<2	5.85	2.5	20	105	192	2.68	<10
G226110	173.1-174.1	173.1	174.1	1.0	G226110	0.005	0.2	0.19	93	<10	170	0.9	<2	10.95	<0.5	7	71	37	3.66	<10

G226050	<1	0.16	10	0.26	99	47	0.02	2	180	8	2.67	4	2	44	<10	<20	<0.01	<10	<10	2	<10	51
G226051	<1	0.19	10	0.65	159	32	0.04	4	200	6	1.74	2	7	78	<10	<20	<0.01	<10	<10	18	<10	65
G226052	<1	0.23	<10	1.36	277	7	0.27	9	240	3	1.52	<2	10	90	<10	<20	0.06	<10	<10	67	<10	67
G226053	<1	0.23	<10	1.97	312	13	0.27	11	230	4	1.71	<2	14	112	<10	<20	0.07	<10	<10	87	<10	38
G226054	<1	0.17	10	0.98	241	319	0.05	8	250	4	1.25	2	11	73	<10	<20	0.01	<10	<10	34	<10	33
G226055	<1	0.21	10	1.81	400	68	0.06	27	460	5	1.03	4	13	190	<10	<20	0.03	<10	<10	53	<10	37
G226056	<1	0.16	20	0.35	105	15	0.01	1	80	5	0.81	<2	1	37	<10	20	<0.01	<10	<10	3	<10	8
G226057	<1	0.17	10	0.91	772	40	<0.01	4	70	14	1.26	2	1	72	<10	20	<0.01	<10	<10	4	<10	22
G226058	<1	0.2	10	1.03	557	11	0.01	4	540	7	1.42	2	3	163	<10	<20	<0.01	<10	<10	8	<10	15
G226059	<1	0.2	10	0.95	189	8	0.02	5	530	4	1.44	3	3	119	<10	<20	<0.01	<10	<10	12	<10	20
G226060	<1	0.16	10	1.16	256	1	0.01	19	460	6	0.94	14	6	84	<10	<20	<0.01	<10	<10	19	<10	44
G226061	<1	0.15	<10	1.58	446	<1	0.01	16	420	24	0.77	35	4	160	<10	<20	<0.01	<10	<10	14	<10	58
G226062	<1	0.14	<10	3.92	1175	5	0.01	47	540	111	0.87	72	5	257	<10	<20	<0.01	<10	<10	18	<10	472
G226063	<1	0.19	10	3.49	816	11	0.01	67	670	49	0.85	27	7	273	<10	<20	<0.01	<10	<10	23	<10	153
G226064	<1	0.12	<10	2.47	465	2	0.01	62	230	15	0.22	11	6	141	<10	<20	<0.01	<10	<10	24	<10	98
G226065	<1	0.05	<10	5.36	1050	<1	0.03	477	20	1270	1.23	70	5	325	<10	<20	<0.01	<10	<10	11	<10	803
G226066	<1	0.14	<10	4.89	730	<1	0.03	174	180	30	0.43	12	10	322	<10	<20	<0.01	<10	<10	40	<10	184
G226067	<1	0.53	10	3.77	501	<1	0.02	244	230	9	0.08	6	20	420	<10	<20	0.01	<10	<10	62	<10	121
G226068	<1	1.62	30	4.4	401	<1	0.04	236	240	3	0.2	<2	16	220	<10	<20	0.08	<10	<10	77	<10	88
G226069	<1	2.36	20	6.69	606	<1	0.04	195	200	<2	0.11	<2	27	228	<10	<20	0.09	<10	<10	109	<10	70
G226070	<1	2.28	10	6.51	596	<1	0.04	197	190	2	0.09	<2	25	221	<10	<20	0.09	<10	<10	105	<10	66
G226071	<1	0.18	10	0.94	749	35	0.07	151	630	92	0.86	4	5	39	<10	<20	0.12	<10	<10	61	10	336
G226072	<1	0.13	<10	11.2	226	<1	0.01	3	250	2	<0.01	<2	1	50	<10	<20	0.01	<10	<10	6	<10	20
G226073	<1	2.37	10	6.97	698	<1	0.05	258	210	<2	0.08	<2	21	235	<10	<20	0.11	<10	<10	92	<10	66
G226074	<1	0.57	10	4.34	809	<1	0.01	237	280	2	0.93	23	16	276	<10	<20	0.02	<10	<10	48	<10	62
G226075	1	0.2	30	1.58	530	<1	<0.01	156	590	7	0.43	3	8	137	<10	<20	<0.01	<10	<10	28	<10	47
G226076	<1	0.59	20	3.34	577	<1	0.04	207	290	7	1.5	<2	7	197	<10	<20	0.03	<10	<10	32	<10	381
G226077	<1	0.61	10	3.54	532	<1	0.04	267	110	9	0.23	<2	7	232	<10	<20	0.03	<10	<10	28	<10	86
G226078	<1	0.67	30	1.91	353	<1	0.02	72	1030	37	0.79	2	6	111	<10	<20	0.06	<10	<10	36	<10	40
G226079	<1	0.18	20	2.4	518	<1	0.01	31	720	7	1	3	5	143	<10	<20	0.01	<10	<10	17	<10	28
G226080	<1	1.09	10	5.78	656	<1	0.03	323	220	3	1.09	<2	11	174	<10	<20	0.06	<10	<10	61	<10	58
G226081	<1	0.09	20	1.19	736	<1	<0.01	41	480	5	1.3	5	5	123	<10	<20	0.01	<10	<10	20	10	44
G226082	<1	0.07	30	1.99	850	2	<0.01	61	540	5	0.7	23	10	134	<10	<20	<0.01	<10	<10	35	<10	46
G226083	<1	0.29	30	2.26	489	<1	0.04	32	710	3	0.7	5	9	184	<10	<20	0.03	<10	<10	50	<10	44
G226084	<1	0.31	20	1.45	455	<1	0.01	37	540	6	0.65	4	7	141	<10	<20	0.04	<10	<10	33	<10	42
G226085	<1	0.21	10	1.05	747	<1	0.02	56	470	9	1.07	4	6	139	<10	<20	0.02	<10	<10	26	<10	46
G226086	<1	0.23	20	1.3	457	<1	0.05	101	550	5	0.87	3	7	188	<10	<20	0.02	<10	<10	29	<10	40
G226087	<1	0.13	10	0.84	701	<1	<0.01	37	400	32	>10.0	15	3	42	<10	<20	<0.01	10	<10	10	<10	42
G226088	1	0.28	20	0.99	400	<1	0.02	34	600	6	1.08	9	7	167	<10	<20	0.02	<10	<10	30	30	41
G226089	<1	0.1	10	3.4	749	<1	0.01	29	390	6	0.62	2	6	201	<10	<20	<0.01	<10	<10	34	<10	43
G226090	<1	0.08	10	5.59	678	<1	0.02	9	440	7	0.44	3	7	273	<10	<20	<0.01	<10	<10	39	<10	58
G226091	<1	0.1	10	4.56	727	<1	0.02	14	490	11	0.74	7	8	237	<10	<20	<0.01	<10	<10	45	<10	88
G226092	<1	0.05	10	8.04	755	<1	0.03	5	380	11	0.06	7	3	357	<10	<20	<0.01	<10	<10	19	<10	98
G226093	<1	0.06	10	7.71	697	<1	0.02	7	380	8	0.09	4	3	340	<10	<20	<0.01	<10	<10	22	<10	78
G226094	<1	0.07	10	5.98	931	<1	0.02	16	460	7	0.21	2	5	261	<10	<20	<0.01	<10	<10	32	<10	66
G226095	<1	0.1	10	2.57	623	<1	0.01	79	660	17	0.75	5	11	151	<10	<20	<0.01	<10	<10	44	<10	115
G226096	<1	0.13	30	1.21	358	1	<0.01	52	600	9	0.46	4	12	87	<10	<20	<0.01	<10	<10	31	<10	53
G226097	<1	0.12	10	2.07	404	<1	<0.01	30	320	84	1.63	18	7	96	<10	<20	<0.01	<10	<10	20	<10	547
G226098	<1	0.13	20	1.59	352	<1	<0.01	59	420	9	0.68	3	8	136	<10	<20	<0.01	<10	<10	22	<10	72
G226099	<1	0.14	20	2.65	551	<1	<0.01	15	520	6	0.8	3	9	249	<10	<20	<0.01	<10	<10	28	<10	38
G226100	1	0.12	20	2.3	523	<1	<0.01	12	800	9	1.58	9	6	211	<10	<20	<0.01	<10	<10	15	<10	17
G226101	<1	0.16	20	2.47	620	<1	0.01	45	810	7	0.99	6	15	171	<10	<20	<0.01	<10	<10	43	<10	65
G226102	<1	0.13	10	2.56	538	<1	<0.01	55	230	10	0.65	<2	6	88	<10	<20	<0.01	<10	<10	16	<10	39
G226103	<1	0.18	10	1.59	257	<1	<0.01	30	500	14	0.77	8	7	91	<10	<20	<0.01	<10	<10	17	<10	34
G226104	<1	0.09	<10	2.37	458	<1	<0.01	9	140	59	0.49	14	4	122	<10	<20	<0.01	<10	<10	13	<10	157
G226105	<1	0.13	10	2.82	471	<1	0.01	11	300	29	0.58	21	7	133	<10	<20	<0.01	<10	<10	24	<10	192
G226106	<1	0.13	10	2.94	499	<1	0.01	13	340	29	0.49	20	8	180	<10	<20	<0.01	<10	<10	28	<10	211
G226107	<1	0.47	20	0.55	288	205	0.02	11	540	116	1.59	27	4	37	<10	<20	0.03	<10	<10	40	10	163
G226108	<1	0.13	<10	11.15	224	<1	0.01	2	240	3	<0.01	<2	1	50	<10	<20	0.01	<10	10	5	<10	18
G226109	<1	0.14	10	2.29	491	<1	0.01	216	420	57	0.4	27	13	144	<10	<20	<0.01	<10	<10	33	<10	272
G226110	<1	0.07	<10	5.38	793	<1	0.03	15	190	9	0.1	5	8	222	<10	<20	<0.01	<10	<10	30	<10	60

G226111	174.1-175.8	174.1	175.8	1.7	G226111	0.012	0.3	0.27	191	<10	350	0.9	<2	9.03	0.6	11	21	63	3.71	<10
G226112	175.8-176.8	175.8	176.8	1.0	G226112	0.012	0.3	0.29	1730	<10	290	0.7	<2	5.67	3.2	16	47	59	2.66	<10
G226113	176.8-178.8	176.8	178.8	2.0	G226113	0.005	0.2	0.37	59	<10	70	0.9	<2	4.59	<0.5	15	46	37	3.21	<10
G226114	178.8-179.8	178.8	179.8	1.0	G226114	0.014	0.6	0.35	310	<10	40	0.8	4	5.47	<0.5	18	21	84	6.23	<10
G226115	179.8-181.4	179.8	181.4	1.6	G226115	0.006	0.2	0.98	55	<10	70	1	<2	4.41	<0.5	22	52	97	4.72	<10
G226116	181.4-183.3	181.4	183.3	1.9	G226116	0.005	0.2	1.74	34	<10	130	1.2	<2	4.14	<0.5	23	44	94	4.82	10
G226117	183.3-183.9	183.3	183.9	0.6	G226117	0.006	0.2	1.74	20	<10	150	1.4	<2	2.94	<0.5	27	34	87	4.88	10
G226118	183.9-185.9	183.9	185.9	2.0	G226118	<0.005	0.2	1.75	4	<10	290	1	<2	3.69	<0.5	21	31	57	4.59	<10
G226119	185.9-187.5	185.9	187.5	1.6	G226119	0.006	<0.2	1.07	12	<10	120	1.1	<2	4	<0.5	16	20	61	4.14	<10
G226120	187.5-188.6	187.5	188.6	1.1	G226120	0.020	<0.2	0.29	13	<10	460	0.6	<2	2.93	<0.5	4	4	10	2.28	<10
G226121	188.6-190.6	188.6	190.6	2.0	G226121	0.008	<0.2	0.38	18	10	60	0.7	<2	2.1	<0.5	5	5	9	2.09	<10
G226122	190.6-192.5	190.6	192.5	1.9	G226122	0.007	<0.2	0.42	29	<10	190	1	<2	4.14	0.5	7	7	15	2.45	<10
G226123	192.5-193.9	192.5	193.9	1.4	G226123	0.009	<0.2	0.37	13	<10	360	0.7	<2	3.14	<0.5	6	3	20	2.19	<10
G226124	193.9-195.0	193.9	195.0	1.1	G226124	0.013	<0.2	0.49	115	<10	120	1.4	<2	7.73	<0.5	23	63	9	3.73	<10
G226125	195.0-196.2	195.0	196.2	1.2	G226125	<0.005	0.2	0.48	126	<10	290	1.4	<2	4.9	<0.5	14	33	47	3.92	<10
G226126	196.2-198.2	196.2	198.2	2.0	G226126	<0.005	<0.2	1.43	43	<10	310	0.7	<2	2.63	<0.5	16	42	49	4.48	<10
G226127	198.2-200.2	198.2	200.2	2.0	G226127	<0.005	<0.2	1.84	16	<10	210	0.7	2	1.52	<0.5	17	63	57	4.51	<10
G226128	200.2-200.9	200.2	200.9	0.7	G226128	1.190	9.6	0.24	2350	<10	<10	0.5	152	3.18	3.2	16	6	669	28.4	<10
G226129	200.9-202.9	200.9	202.9	2.0	G226129	0.006	0.5	0.34	91	<10	110	0.9	<2	5.51	6	12	12	62	3.47	<10
G226130	202.9-204.7	202.9	204.7	1.8	G226130	<0.005	<0.2	0.43	83	<10	160	0.9	<2	5.64	1.3	14	39	63	3.01	<10
G226131	204.7-205.3	204.7	205.3	0.6	G226131	<0.005	<0.2	0.54	200	<10	40	0.9	2	9.87	<0.5	43	548	33	3.52	<10
G226132	205.3-207.3	205.3	207.3	2.0	G226132	0.110	1	0.26	356	<10	10	<0.5	9	5.31	<0.5	33	16	870	19.2	<10
G226133	207.3-209.3	207.3	209.3	2.0	G226133	0.008	<0.2	1.05	8	<10	30	0.8	<2	2.54	<0.5	16	55	66	2.07	10
G226134	209.3-211.2	209.3	211.2	1.9	G226134	0.042	<0.2	1.66	13	<10	30	0.8	2	3.57	<0.5	15	83	53	2.53	10
G226135	211.2-212.4	211.2	212.4	1.2	G226135	0.009	<0.2	1.09	46	<10	20	0.7	<2	5.88	<0.5	10	49	34	1.89	10
G226136	212.4-213.4	212.4	213.4	1.0	G226136	<0.005	0.4	1.16	40	<10	30	0.6	<2	2.42	<0.5	13	26	32	1.98	10
G226137	219.5-220.4	219.5	220.4	0.9	G226137	0.005	0.2	1.66	10	<10	30	0.8	<2	6.39	<0.5	25	93	85	3.37	<10
G226138	225.8-226.8	225.8	226.8	1.0	G226138	0.007	<0.2	2.15	90	<10	50	1.2	<2	4.31	<0.5	16	365	77	3.5	10
G226139	226.8-228.4	226.8	228.4	1.6	G226139	0.005	<0.2	1.49	55	<10	20	1	<2	6.01	<0.5	22	66	90	2.84	<10
G226140	228.4-229.8	228.4	229.8	1.4	G226140	0.006	0.2	0.73	813	<10	10	0.5	<2	17.6	<0.5	20	24	136	4.32	<10
G226141	229.8-231.3	229.8	231.3	1.5	G226141	0.007	<0.2	0.74	50	<10	10	0.9	<2	20.7	<0.5	7	22	14	1.7	<10
G226142	dup	229.9	231.3	1.4	G226142	0.005	<0.2	0.78	103	<10	10	0.9	<2	19.8	<0.5	7	25	15	1.94	<10
G226143	std			0.0	G226143	0.278	3.2	2.02	64	<10	100	<0.5	<2	0.81	1.6	14	91	3300	4.58	<10
G226144	blk			0.0	G226144	<0.005	<0.2	0.2	7	<10	20	<0.5	<2	18.2	<0.5	2	7	18	0.51	<10
G226145	231.3-232.3	231.3	232.3	1.0	G226145	0.007	<0.2	1.63	43	<10	120	0.8	<2	4.52	<0.5	13	76	33	2.71	<10
G226146	244.3-245.3	244.3	245.3	1.0	G226146	0.011	<0.2	0.95	42	<10	30	0.6	<2	2.52	<0.5	7	8	24	2.46	<10

G226111	<1	0.09	10	4.28	664	<1	0.03	10	340	19	0.41	9	8	158	<10	<20	<0.01	<10	<10	35	<10	117
G226112	<1	0.13	10	2.39	353	<1	0.02	37	750	57	0.71	21	10	247	<10	<20	<0.01	<10	<10	27	<10	742
G226113	<1	0.14	20	1.89	478	<1	0.02	23	520	6	0.7	3	12	195	<10	<20	<0.01	<10	<10	34	<10	48
G226114	<1	0.13	10	2.35	412	3	0.02	39	700	19	4.95	6	9	190	<10	<20	<0.01	<10	<10	30	<10	88
G226115	<1	0.3	30	2.02	507	3	0.04	39	980	5	2.13	6	15	204	<10	<20	0.01	<10	<10	72	<10	44
G226116	<1	0.53	30	2.28	490	1	0.06	33	1140	4	2.03	5	15	228	<10	<20	0.02	<10	<10	77	<10	47
G226117	<1	0.63	30	2.04	378	<1	0.03	35	950	5	2.21	3	14	168	<10	<20	0.03	<10	<10	72	<10	52
G226118	<1	0.96	40	2.33	555	<1	0.05	24	1410	4	1.07	<2	10	165	<10	<20	0.07	<10	<10	64	<10	47
G226119	<1	0.47	30	1.89	545	1	0.04	19	980	14	1.2	3	10	158	<10	<20	0.02	<10	<10	57	<10	64
G226120	<1	0.13	10	1.07	240	1	0.02	2	300	6	0.62	2	3	192	<10	<20	<0.01	<10	<10	9	<10	11
G226121	<1	0.18	20	0.75	209	1	0.01	3	260	12	0.63	2	3	80	<10	<20	<0.01	<10	<10	10	<10	51
G226122	<1	0.15	20	1.43	326	1	0.02	3	420	14	0.48	<2	6	132	<10	20	<0.01	<10	<10	21	<10	84
G226123	<1	0.14	20	1.1	259	1	0.01	3	300	16	0.7	3	3	110	<10	20	<0.01	<10	<10	7	<10	49
G226124	<1	0.15	20	2.85	751	1	0.02	52	870	11	0.3	2	19	240	<10	<20	<0.01	<10	<10	62	<10	86
G226125	<1	0.16	10	1.75	571	1	0.02	37	810	16	0.71	8	8	175	<10	<20	<0.01	<10	<10	34	<10	57
G226126	<1	0.76	20	1.78	469	1	0.04	41	530	9	0.96	2	8	100	<10	<20	0.06	<10	<10	58	<10	49
G226127	<1	1.22	30	1.84	382	1	0.03	53	490	10	1.11	4	8	84	<10	<20	0.12	<10	<10	63	<10	47
G226128	<1	0.13	<10	1.48	145	<1	0.02	10	280	125	>10.0	24	3	414	10	<20	0.01	10	<10	10	<10	245
G226129	1	0.12	10	2.01	395	1	0.02	13	310	85	1.51	8	5	325	<10	<20	<0.01	<10	<10	20	<10	508
G226130	<1	0.15	10	2.13	419	1	0.02	41	470	31	0.96	6	9	247	<10	<20	<0.01	<10	<10	33	<10	131
G226131	<1	0.1	<10	5.53	490	<1	0.02	550	100	3	0.55	9	3	473	<10	<20	<0.01	<10	<10	9	<10	39
G226132	1	0.09	<10	1.32	672	<1	0.02	32	330	19	>10.0	14	3	191	10	<20	<0.01	<10	<10	14	<10	26
G226133	1	0.26	40	1.05	142	1	0.04	69	360	6	0.99	3	7	130	<10	20	0.01	<10	<10	42	<10	26
G226134	<1	0.27	20	1.47	216	1	0.09	50	520	5	0.76	<2	6	173	<10	<20	0.08	<10	<10	59	<10	25
G226135	1	0.11	20	0.93	258	1	0.06	35	460	5	0.56	7	4	125	<10	<20	0.06	<10	<10	31	<10	21
G226136	<1	0.2	30	1.11	193	1	0.07	15	590	6	0.64	5	4	110	<10	<20	0.06	<10	<10	38	<10	23
G226137	1	0.15	10	2.09	396	1	0.05	32	760	5	1.47	5	8	152	<10	<20	0.07	<10	<10	71	<10	31
G226138	<1	0.84	20	3.11	510	1	0.02	114	500	11	1.1	2	12	140	<10	<20	0.09	<10	<10	88	<10	64
G226139	<1	0.27	20	1.56	427	<1	0.04	44	610	5	1.24	4	6	142	<10	<20	0.02	<10	<10	49	<10	30
G226140	<1	0.1	10	0.8	550	<1	<0.01	46	400	7	3.5	33	3	515	<10	<20	<0.01	<10	<10	16	<10	31
G226141	<1	0.09	10	0.83	461	<1	0.01	24	450	7	<0.01	3	3	613	<10	<20	<0.01	<10	<10	17	<10	29
G226142	1	0.09	10	0.84	471	<1	0.01	25	520	6	<0.01	<2	4	623	<10	<20	<0.01	<10	<10	19	<10	30
G226143	<1	0.16	10	0.96	763	37	0.07	150	660	93	0.88	5	5	39	<10	<20	0.12	<10	<10	61	10	341
G226144	<1	0.11	<10	11	219	<1	<0.01	2	250	2	<0.01	<2	<1	48	<10	<20	0.01	<10	<10	4	<10	18
G226145	<1	0.5	20	1.57	375	<1	0.03	35	840	4	0.52	5	6	139	<10	<20	0.09	<10	<10	52	<10	43
G226146	<1	0.22	60	0.63	194	<1	0.01	2	500	7	1.15	2	2	91	<10	20	0.01	<10	<10	15	<10	12

Core Sample Intervals
Hole No: SG-09-34,
Nightmusic Zone, Sonora Gulch Project
Northern Tiger Resources Inc.

Sample #	Meterage	From	To	Interval		Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K
					DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
G226147	7.6-9.6	7.6	9.6	2.0	G226147	0.020	0.3	0.27	25	<10	30	0.5	<2	1.06	<0.5	4	6	85	1.58	<10	<1	0.16
G226148	9.6-11.6	9.6	11.6	2.0	G226148	0.029	0.2	0.24	30	<10	60	<0.5	<2	1.03	<0.5	2	7	61	1.8	<10	<1	0.2
G226149	11.6-13.2	11.6	13.2	1.6	G226149	0.021	0.5	0.28	203	<10	110	<0.5	<2	0.66	<0.5	2	5	44	2.06	<10	<1	0.37
G226150	13.2-14.7	13.2	14.7	1.5	G226150	0.034	0.2	0.27	94	<10	130	<0.5	<2	0.6	<0.5	2	4	61	1.43	<10	<1	0.25
G226151	14.7-16.0	14.7	16.0	1.3	G226151	0.013	<0.2	0.26	18	<10	50	0.6	<2	1.1	3.6	6	5	46	1.34	<10	<1	0.17
G226152	16.0-18.0	16.0	18.0	2.0	G226152	0.017	0.3	0.28	19	<10	90	0.8	<2	0.93	1.2	4	5	68	1.47	<10	<1	0.14
G226153	18.0-20.0	18.0	20.0	2.0	G226153	0.020	0.4	0.23	57	<10	60	0.5	<2	0.93	0.6	3	5	82	1.48	<10	<1	0.15
G226154	20.0-22.0	20.0	22.0	2.0	G226154	0.010	0.2	0.31	11	<10	200	0.5	<2	0.99	1.3	3	5	53	1.51	<10	<1	0.18
G226155	22.0-24.0	22.0	24.0	2.0	G226155	0.088	0.3	0.35	102	<10	100	0.5	<2	1.13	2	3	5	57	1.59	<10	<1	0.21
G226156	24.0-25.2	24.0	25.2	1.2	G226156	0.020	0.2	0.22	16	<10	20	0.5	<2	1.15	0.6	3	6	77	1.47	<10	<1	0.15
G226157	25.2-27.2	25.2	27.2	2.0	G226157	0.019	0.2	0.62	57	<10	20	1.4	<2	2.99	<0.5	14	45	95	2.73	<10	<1	0.21
G226158	27.2-28.6	27.2	28.6	1.4	G226158	0.043	0.3	0.7	114	<10	20	2	<2	5.69	0.6	16	66	149	3.2	<10	<1	0.2
G226159	28.6-30.6	28.6	30.6	2.0	G226159	0.017	1.3	0.24	75	<10	70	<0.5	<2	0.91	<0.5	2	7	76	2.04	<10	<1	0.24
G226160	30.6-32.6	30.6	32.6	2.0	G226160	0.008	0.2	0.21	49	<10	50	<0.5	<2	0.97	<0.5	2	6	45	1.58	<10	<1	0.19
G226161	32.6-34.6	32.6	34.6	2.0	G226161	0.007	0.4	0.35	26	<10	40	0.6	<2	1.28	<0.5	5	8	106	1.98	<10	<1	0.22
G226162	34.6-36.6	34.6	36.6	2.0	G226162	0.007	0.2	0.24	29	<10	20	0.5	<2	1.35	<0.5	2	6	51	1.65	<10	<1	0.17
G226163	36.6-38.6	36.6	38.6	2.0	G226163	0.017	0.3	0.3	102	<10	20	0.7	<2	1.3	0.5	3	7	70	1.62	<10	<1	0.18
G226164	38.6-40.6	38.6	40.6	2.0	G226164	0.017	0.6	0.31	37	<10	40	0.7	<2	1.6	<0.5	5	4	103	1.93	<10	<1	0.22
G226165	40.6-42.0	40.6	42.0	1.4	G226165	0.009	0.2	0.22	46	<10	80	<0.5	<2	1.22	<0.5	3	9	31	1.96	<10	<1	0.24
G226166	42.0-44.0	42.0	44.0	2.0	G226166	0.045	0.3	0.23	41	<10	30	0.5	<2	1.31	<0.5	4	16	62	1.57	<10	<1	0.16
G226167	44.0-45.8	44.0	45.8	1.8	G226167	0.017	0.2	1.7	23	<10	200	1	<2	2.67	0.7	11	47	104	2.87	10	<1	0.6
G226168	45.8-47.8	45.8	47.8	2.0	G226168	0.014	0.2	0.64	18	<10	260	0.5	<2	1.67	<0.5	2	6	22	1.34	<10	<1	0.17
G226169	47.8-48.7	47.8	48.7	0.9	G226169	0.007	<0.2	0.87	14	<10	70	0.5	<2	1.76	<0.5	4	8	73	1.57	<10	<1	0.13
G226170	48.7-50.7	48.7	50.7	2.0	G226170	0.011	0.4	3.29	21	<10	50	0.8	<2	3.93	1.6	23	27	172	4.36	10	<1	0.16
G226171	50.7-52.7	50.7	52.7	2.0	G226171	0.016	0.8	2.18	127	<10	30	0.6	<2	2.58	1	12	26	60	3.14	10	<1	0.27
G226172	52.7-54.7	52.7	54.7	2.0	G226172	0.015	1.3	2.03	77	<10	50	0.6	<2	2.32	1.2	13	70	118	2.8	10	1	0.29
G226173	54.7-56.7	54.7	56.7	2.0	G226173	<0.005	<0.2	0.99	9	<10	30	0.8	<2	1.04	<0.5	3	12	33	1.3	<10	1	0.31
G226174	56.7-58.2	56.7	58.2	1.5	G226174	0.006	0.6	0.95	16	<10	30	0.6	<2	1.18	<0.5	5	14	40	1.22	<10	<1	0.27
G226175	58.2-60.0	58.2	60.0	1.8	G226175	0.026	0.8	3.74	9	<10	110	0.7	<2	2.91	0.5	32	4	179	4.4	10	<1	0.43
G226176	60.0-62.0	60.0	62.0	2.0	G226176	0.010	0.4	1.21	19	<10	20	0.5	<2	2.28	1.5	6	11	72	2.25	<10	<1	0.24
G226177	62.0-64.0	62.0	64.0	2.0	G226177	0.008	0.3	0.92	18	<10	20	<0.5	<2	1.5	<0.5	4	5	32	2.18	<10	<1	0.16
G226178	dup	62.0	64.0	2.0	G226178	0.005	0.3	0.93	12	<10	20	<0.5	<2	1.42	<0.5	4	7	33	2.08	<10	<1	0.17
G226179	std			0.0	G226179	1.160	3.7	1.19	60	<10	130	<0.5	3	0.67	2.6	13	61	3140	3.74	<10	<1	0.44
G226180	blk			0.0	G226180	0.305	0.4	0.27	3	<10	30	<0.5	<2	19.1	<0.5	3	8	6	0.5	<10	<1	0.13
G226181	64.0-65.1	64.0	65.1	1.1	G226181	0.010	0.2	1.3	12	<10	100	0.5	<2	2.21	<0.5	3	5	24	2.11	10	<1	0.27
G226182	65.1-67.1	65.1	67.1	2.0	G226182	0.020	0.7	0.76	50	<10	30	<0.5	3	2.3	0.8	6	10	94	2.22	<10	<1	0.23
G226183	67.1-69.1	67.1	69.1	2.0	G226183	0.018	0.6	0.63	24	<10	20	0.5	<2	2	0.7	6	4	97	1.85	<10	<1	0.17
G226184	69.1-71.1	69.1	71.1	2.0	G226184	0.093	1.1	0.59	252	<10	50	<0.5	2	2.34	1.6	9	9	141	2.19	<10	<1	0.28
G226185	71.1-73.1	71.1	73.1	2.0	G226185	0.009	0.4	0.41	75	<10	30	<0.5	<2	1.55	<0.5	5	5	69	1.39	<10	<1	0.2
G226186	73.1-75.1	73.1	75.1	2.0	G226186	0.016	0.8	0.48	229	<10	10	0.6	<2	1.83	1.5	5	4	81	1.7	<10	<1	0.23
G226187	75.1-76.0	75.1	76.0	0.9	G226187	0.008	0.8	0.78	74	<10	80	0.8	<2	2.46	<0.5	7	5	161	2.56	<10	<1	0.26
G226188	76.0-78.0	76.0	78.0	2.0	G226188	0.018	0.5	0.62	167	<10	50	<0.5	<2	1.95	<0.5	6	6	100	1.42	<10	<1	0.22
G226189	78.0-80.0	78.0	80.0	2.0	G226189	0.139	1.3	0.43	311	<10	30	<0.5	2	1.48	<0.5	5	8	138	2.15	<10	<1	0.23
G226190	80.0-81.7	80.0	81.7	1.7	G226190	0.146	0.9	0.48	175	<10	10	0.5	<2	1.8	<0.5	6	3	105	1.81	<10	<1	0.25
G226191	81.7-82.3	81.7	82.3	0.6	G226191	5.45	3.5	0.49	>10000	<10	20	<0.5	24	1.88	<0.5	5	3	36	7.05	<10	<1	0.29
G226192	82.3-83.9	82.3	83.9	1.6	G226192	0.126	1.5	0.96	472	<10	120	1.6	3	6.45	1.5	13	53	122	2.33	<10	<1	0.3
G226193	83.9-85.3	83.9	85.3	1.4	G226193	0.088	2.8	0.52	744	<10	260	1.2	6	10.7	1	7	75	55	3.2	<10	<1	0.18
G226194	85.3-87.3	85.3	87.3	2.0	G226194	0.103	2.6	0.55	448	<10	40	1.3	<2	8.74	2.2	11	30	465	2.65	<10	<1	0.2
G226237	87.3-89.3	87.3	89.3	2.0	G226237	0.105	2.7	0.52	251	<10	40	1.1	9	9.75	3.5	15	53	730	3.53	<10	<1	0.2
G226195	89.3-91.3	89.3	91.3	2.0	G226195	0.053	0.8	0.45	254	<10	60	0.9	<2	9.02	3	19	122	148	3.51	<10	<1	0.17
G226196	91.3-92.3	91.3	92.3	1.0	G226196	0.143	0.6	0.73	549	<10	260	1.8	<2	8.01	0.9	40	249	162	3.76	<10	<1	0.26
G226197	92.3-94.3	92.3	94.3	2.0	G226197	0.411	0.5	0.47	86	<10	130	0.9	<2	4.1	<0.5	16	23	68	1.64	<10	<1	0.22
G226198	94.3-95.3	94.3	95.3	1.0	G226198	0.137	0.5	0.58	172	<10	90	0.9	<2	4.56	<0.5	16	24	100	2.04	<10	<1	0.31
G226199	95.3-96.7	95.3	96.7	1.4	G226199	0.052	0.8	1.04	176	<10	160	0.8	<2	6.03	<0.5	59	891	184	3.53	<10	<1	0.3

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Ag-GRA21	Au-AA24
SAMPLE	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Ag	Ag	Au Check
DESCRIPTION	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G226147	10	0.03	74	10	0.03	1	100	6	1.05	2	<1	29	<10	20	<0.01	<10	<10	1	<10	17			
G226148	20	0.06	57	13	0.04	<1	100	5	1.19	<2	<1	29	<10	20	<0.01	<10	<10	1	<10	18			
G226149	20	0.03	45	59	0.02	<1	100	6	1.06	<2	<1	24	<10	20	<0.01	<10	<10	1	<10	29			
G226150	20	0.04	35	13	0.02	<1	80	7	0.77	<2	<1	21	<10	20	<0.01	<10	<10	1	<10	34			
G226151	20	0.12	210	5	0.02	<1	90	5	1.2	<2	<1	25	<10	20	<0.01	<10	<10	1	<10	72			
G226152	30	0.08	88	41	0.02	1	80	6	1.05	<2	<1	24	<10	20	<0.01	<10	<10	1	<10	64			
G226153	20	0.25	89	55	0.02	<1	90	7	1.06	<2	<1	22	<10	20	<0.01	<10	<10	1	<10	24			
G226154	30	0.31	82	20	0.02	<1	80	5	0.99	<2	1	26	<10	20	<0.01	<10	<10	1	<10	58			
G226155	20	0.45	110	81	0.02	<1	60	5	0.8	<2	1	37	<10	20	<0.01	<10	<10	2	<10	102			
G226156	20	0.18	74	74	0.02	<1	90	4	1.18	<2	<1	21	<10	20	<0.01	<10	<10	1	<10	24			
G226157	20	1.21	291	70	0.01	58	590	4	1.32	<2	8	133	<10	20	<0.01	<10	<10	26	<10	39			
G226158	10	2.45	512	18	0.01	88	770	4	1.26	<2	11	364	<10	<20	<0.01	<10	10	36	<10	64			
G226159	20	0.12	77	12	0.03	1	90	52	1.2	<2	<1	26	<10	20	<0.01	<10	<10	1	<10	45			
G226160	10	0.11	79	9	0.02	<1	130	6	1.17	<2	1	21	<10	20	<0.01	<10	<10	1	<10	11			
G226161	20	0.16	106	21	0.01	3	100	4	1.38	2	1	29	<10	20	<0.01	<10	10	2	<10	20			
G226162	20	0.31	152	16	0.01	<1	70	5	1.14	<2	<1	28	<10	20	<0.01	<10	<10	1	<10	11			
G226163	20	0.28	111	24	0.01	<1	70	6	1.05	<2	<1	30	<10	20	<0.01	<10	<10	1	<10	47			
G226164	10	0.13	73	32	0.02	<1	60	30	1.68	<2	<1	36	<10	20	<0.01	<10	10	1	<10	42			
G226165	10	0.04	93	21	0.02	<1	60	6	1.61	<2	<1	33	<10	20	<0.01	<10	<10	1	<10	20			
G226166	20	0.2	86	19	0.03	3	90	6	1.35	<2	1	28	<10	20	<0.01	<10	<10	4	<10	19			
G226167	30	1.33	226	15	0.07	21	450	4	1.36	<2	5	57	<10	20	0.08	<10	<10	29	<10	81			
G226168	30	0.49	107	54	0.02	<1	100	4	0.97	<2	<1	21	<10	20	<0.01	<10	<10	3	<10	36			
G226169	30	0.65	158	12	0.03	1	120	6	0.79	<2	1	23	<10	20	0.01	<10	<10	6	<10	22			
G226170	<10	1.77	395	2	0.22	13	270	5	1.76	<2	20	104	<10	<20	0.07	<10	10	108	<10	172			
G226171	10	1.33	346	8	0.11	13	310	30	1.22	<2	11	64	<10	<20	0.08	<10	<10	66	<10	93			
G226172	10	1.06	232	6	0.14	29	400	52	1.54	<2	7	108	<10	<20	0.06	<10	<10	50	<10	102			
G226173	20	0.52	98	8	0.05	3	120	4	0.81	<2	2	19	<10	30	0.01	<10	<10	10	<10	15			
G226174	30	0.47	98	22	0.07	5	160	5	0.74	<2	1	20	<10	20	0.01	<10	<10	9	<10	15			
G226175	<10	1.6	282	11	0.3	6	350	2	2.33	<2	10	113	<10	<20	0.16	<10	<10	114	<10	62			
G226176	10	0.73	138	5	0.05	3	230	3	1.36	<2	5	32	<10	<20	0.01	<10	<10	22	<10	78			
G226177	10	0.57	94	11	0.05	1	200	4	1.71	<2	5	47	<10	<20	0.01	<10	<10	8	<10	17			
G226178	10	0.54	89	8	0.05	<1	200	3	1.59	<2	5	39	<10	<20	0.01	<10	<10	8	<10	16			
G226179	20	0.51	272	203	0.03	11	510	112	1.53	24	4	35	<10	<20	0.03	<10	<10	38	10	157			
G226180	<10	11.15	216	<1	0.02	3	230	4	<0.01	<2	1	50	<10	<20	0.01	<10	<10	4	<10	15			
G226181	10	0.7	122	9	0.08	1	200	5	1.38	<2	6	46	<10	<20	0.01	<10	<10	8	<10	20			
G226182	10	0.64	146	6	0.04	4	230	8	1.64	<2	4	50	<10	<20	<0.01	<10	<10	14	<10	47			
G226183	10	0.44	91	5	0.05	1	160	5	1.15	<2	5	50	<10	<20	<0.01	<10	<10	5	<10	34			
G226184	10	0.4	112	8	0.05	2	150	6	1.54	4	3	62	<10	<20	<0.01	<10	<10	4	<10	67			
G226185	<10	0.38	72	4	0.03	1	130	7	0.85	2	3	74	<10	<20	<0.01	<10	<10	2	<10	19			
G226186	<10	0.54	108	24	0.02	2	160	9	0.99	4	4	83	<10	<20	<0.01	<10	<10	2	<10	85			
G226187	<10	0.72	151	11	0.03	6	170	6	1.56	4	5	97	<10	<20	<0.01	<10	<10	5	<10	45			
G226188	10	0.51	118	18	0.06	1	170	5	0.76	3	5	57	<10	<20	<0.01	<10	<10	5	<10	23			
G226189	<10	0.28	74	47	0.04	<1	130	4	1.73	2	2	44	<10	<20	<0.01	<10	<10	2	<10	18			
G226190	<10	0.58	97	23	0.02	3	140	7	1.13	5	3	51	<10	<20	<0.01	<10	<10	2	<10	25			
G226191	<10	0.6	119	18	0.02	2	140	32	4.8	26	1	96	10	<20	<0.01	<10	<10	2	<10	13			
G226192	10	2.08	433	14	0.03	53	580	35	0.97	36	10	185	<10	<20	<0.01	<10	<10	36	<10	136			
G226193	10	4.97	1065	6	0.03	33	490	25	0.57	28	8	221	<10	<20	<0.01	<10	<10	42	20	105			
G226194	10	4.05	663	21	0.03	59	520	51	0.77	117	9	153	<10	<20	<0.01	<10	<10	32	<10	231			
G226237	10	4.26	865	10	0.03	62	2250	73	0.67	59	13	171	10	<20	<0.01	<10	<10	65	<10	260			
G226195	10	4.11	919	5	0.02	125	700	63	0.73	34	8	135	<10	<20	<0.01	<10	<10	42	<10	278			
G226196	10	2.83	995	7	0.03	327	1000	19	1.17	19	13	320	<10	<20	<0.01	<10	<10	42	<10	264			
G226197	20	1.58	393	1	0.02	51	310	11	0.59	9	8	116	<10	<20	<0.01	<10	<10	26	<10	53			
G226198	20	1.81	274	1	0.02	33	450	5	0.71	7	8	133	<10	<20	<0.01	<10	<10	19	<10	24			
G226199	10	8.26	504	<1	0.02	627	160	3	1.33	7	7	240	<10	<20	0.01	<10	<10	22	<10	31			

G226200	96.7-98.0	96.7	98.0	1.3	G226200	0.122	0.5	1.03	154	<10	210	0.6	<2	7.51	<0.5	44	522	57	2.61	<10	<1	0.36
G226201	98.0-98.9	98.0	98.9	0.9	G226201	0.133	0.4	1.23	100	<10	150	0.9	<2	7.99	<0.5	18	284	96	2.76	<10	<1	0.34
G226202	98.9-100.9	98.9	100.9	2.0	G226202	0.113	0.7	1.43	26	<10	40	1	<2	5.23	<0.5	12	105	104	2.47	10	<1	0.29
G226203	100.9-102.9	100.9	102.9	2.0	G226203	0.147	0.3	1.76	70	<10	130	1.1	<2	5.01	<0.5	23	161	49	3.81	10	<1	0.61
G226204	102.9-104.0	102.9	104.0	1.1	G226204	0.087	0.4	1.34	695	<10	490	0.8	<2	4.61	<0.5	8	31	45	2.05	<10	<1	0.19
G226205	104.0-105.0	104.0	105.0	1.0	G226205	0.055	0.4	1.03	316	<10	140	1.6	<2	7.19	<0.5	9	36	50	3.28	<10	<1	0.22
G226206	105.0-107.0	105.0	107.0	2.0	G226206	0.038	0.4	1.65	21	<10	40	0.9	<2	4.92	<0.5	9	95	67	1.94	10	<1	0.18
G226207	107.0-108.5	107.0	108.5	1.5	G226207	0.037	0.5	1.26	14	<10	70	0.7	<2	4.06	<0.5	14	42	77	2.77	<10	<1	0.36
G226208	108.5-109.5	108.5	109.5	1.0	G226208	0.062	0.8	0.71	80	<10	30	1	<2	6.39	0.7	13	24	127	3.58	<10	<1	0.19
G226209	109.5-111.1	109.5	111.1	1.6	G226209	0.035	1.5	0.39	130	<10	100	0.9	2	7.39	8.2	17	13	189	4.46	<10	<1	0.18
G226210	111.1-112.2	111.1	112.2	1.1	G226210	0.041	0.8	0.56	164	<10	40	1.2	<2	7.39	0.9	13	17	79	4.08	<10	<1	0.22
G226211	112.2-114.2	112.2	114.2	2.0	G226211	0.065	0.5	0.52	209	<10	120	1.1	<2	7.36	<0.5	13	18	89	4.6	<10	<1	0.2
G226212	114.2-115.6	114.2	115.6	1.4	G226212	0.061	0.6	0.6	33	<10	240	1.6	<2	7.99	<0.5	16	17	56	3.42	<10	<1	0.23
G226213	115.6-116.2	115.6	116.2	0.6	G226213	0.010	0.5	0.4	41	<10	80	0.8	3	11.6	<0.5	12	10	5	4.68	<10	<1	0.1
G226214	116.2-118.2	116.2	118.2	2.0	G226214	0.015	0.6	0.2	<2	<10	20	<0.5	<2	19.3	<0.5	2	8	3	0.49	<10	<1	0.11
G226215	dup	116.2	118.2	2.0	G226215	0.042	0.3	2.17	43	<10	230	0.6	<2	3.8	<0.5	25	487	45	3.45	10	<1	1.15
G226216	std			0.0	G226216	0.360	3.2	1.97	65	<10	90	<0.5	<2	0.77	1.6	14	90	3160	4.25	10	<1	0.15
G226217	blk			0.0	G226217	0.013	0.5	2.22	45	<10	210	0.7	<2	4.54	<0.5	25	467	53	3.65	10	<1	1.11
G226218	118.2-119.2	118.2	119.2	1.0	G226218	0.067	0.3	1.26	5	<10	70	0.6	<2	3.34	<0.5	16	156	39	2.6	10	<1	0.43
G226219	119.2-120.6	119.2	120.6	1.4	G226219	<0.005	0.3	1.73	20	<10	20	0.5	<2	4.27	<0.5	38	1135	43	2.57	<10	<1	0.16
G226220	120.6-122.6	120.6	122.6	2.0	G226220	0.009	0.2	2.16	24	<10	70	0.6	<2	1.98	<0.5	25	359	73	3.42	10	<1	0.8
G226221	122.6-124.1	122.6	124.1	1.5	G226221	0.031	0.3	1.56	16	<10	50	0.8	<2	3.43	<0.5	12	60	55	2.2	10	<1	0.42
G226229	124.1-125.8	124.1	125.8	1.7	G226222	0.024	0.4	1.18	10	<10	50	0.7	<2	7.09	<0.5	20	32	63	2.58	<10	<1	0.11
G226222	125.8-127.8	125.8	127.8	2.0	G226223	0.036	0.3	1.66	26	<10	40	0.8	<2	4.96	<0.5	16	34	53	2.23	10	<1	0.17
G226223	127.8-129.3	127.8	129.3	1.5	G226224	0.025	0.5	1.63	16	<10	90	1.2	<2	5.69	<0.5	12	58	45	2.84	<10	<1	0.16
G226224	129.3-131.3	129.3	131.3	2.0	G226225	0.005	0.4	2.35	33	<10	90	0.8	<2	6.05	<0.5	38	907	44	3.92	10	<1	0.14
G226225	131.3-132.9	131.3	132.9	1.6	G226226	0.006	0.3	0.54	22	<10	500	0.9	<2	5.94	<0.5	8	20	20	2.6	<10	<1	0.16
G226226	132.9-134.9	132.9	134.9	2.0	G226227	0.008	0.4	0.99	67	<10	290	1	<2	4.67	<0.5	15	39	66	3.23	<10	<1	0.15
G226227	134.9-136.9	134.9	136.9	2.0	G226228	0.013	0.4	0.59	84	<10	200	0.8	<2	3.54	<0.5	17	29	58	2.85	<10	<1	0.13
G226228	136.9-137.9	136.9	137.9	1.0	G226229	0.077	0.3	0.67	61	<10	80	1.2	<2	7.03	<0.5	8	67	28	2.64	<10	<1	0.17
G226230	137.9-139.9	137.9	139.9	2.0	G226230	0.032	0.5	1.7	53	<10	90	1.4	<2	2.27	<0.5	14	30	96	3.17	<10	<1	0.24
G226231	139.9-141.9	139.9	141.9	2.0	G226231	0.010	0.4	0.81	98	<10	40	0.8	<2	4.25	<0.5	13	56	56	3.27	<10	<1	0.19
G226232	141.9-143.9	141.9	143.9	2.0	G226232	0.086	1.7	1.48	198	<10	100	1.1	2	3.78	10.2	16	31	124	4.02	10	<1	0.39
G226233	143.9-145.9	143.9	145.9	2.0	G226233	0.013	0.5	0.99	125	<10	40	0.9	<2	4.12	<0.5	16	118	79	3.33	<10	<1	0.36
G226234	145.9-147.9	145.9	147.9	2.0	G226234	0.028	1	0.67	139	<10	30	0.8	<2	4.65	8.2	19	30	193	2.76	<10	<1	0.29
G226235	147.9-149.9	147.9	149.9	2.0	G226235	0.057	0.5	1.07	202	<10	70	1.7	<2	3.73	2.4	13	25	68	2.57	<10	<1	0.3
G226236	149.9-151.9	149.9	151.9	2.0	G226236	0.013	0.4	0.62	56	<10	60	1.2	<2	5.11	<0.5	25	24	97	4.31	<10	<1	0.17
G226238	151.9-153.9	151.9	153.9	2.0	G226238	0.015	0.5	0.45	107	<10	200	0.8	2	4.55	0.9	10	11	58	2.4	<10	<1	0.18
G226239	153.9-155.9	153.9	155.9	2.0	G226239	0.009	0.4	0.62	84	<10	430	1	<2	4.68	0.6	15	25	43	3.05	<10	<1	0.14
G226240	155.9-156.9	155.9	156.9	1.0	G226240	0.009	0.4	0.55	244	<10	240	1.3	<2	6.07	<0.5	12	25	27	2.73	<10	<1	0.18
G226241	156.9-157.7	156.9	157.7	0.8	G226241	0.105	0.6	0.4	1115	10	680	1.6	<2	7.95	1.5	14	65	121	2.9	<10	<1	0.19
G226242	157.7-158.3	157.7	158.3	0.6	G226242	0.648	23.2	0.38	1160	<10	20	0.6	136	3.67	3.8	64	26	2930	13.05	<10	1	0.22
G226243	158.3-159.3	158.3	159.3	1.0	G226243	0.120	2.3	0.25	493	<10	30	<0.5	20	5.83	0.5	8	18	446	5.18	<10	<1	0.08
G226244	159.3-161.3	159.3	161.3	2.0	G226244	0.010	0.2	1.46	157	<10	120	0.8	<2	4.33	<0.5	16	87	62	3.54	<10	<1	0.56
G226245	161.3-162.3	161.3	162.3	1.0	G226245	0.015	<0.2	1.4	60	<10	100	0.9	<2	2.7	<0.5	21	97	68	3.23	10	<1	0.47
G226246	162.3-163.1	162.3	163.1	0.8	G226246	<0.005	0.2	0.46	733	<10	50	0.9	<2	7.74	<0.5	20	261	8	3.21	<10	<1	0.19
G226247	163.1-164.6	163.1	164.6	1.5	G226247	<0.005	0.8	0.67	95	<10	200	0.9	<2	6.15	<0.5	16	45	53	3.67	<10	<1	0.13
G226248	164.6-165.4	164.6	165.4	0.8	G226248	0.215	>100	1.54	75	<10	80	1	<2	4.25	<0.5	58	41	9280	3.33	<10	<1	0.51
G226249	165.4-167.4	165.4	167.4	2.0	G226249	0.008	36.1	0.74	49	<10	190	0.7	<2	4.33	<0.5	16	41	182	3.58	<10	<1	0.2
G226250	167.4-169.1	167.4	169.1	1.7	G226250	0.007	0.2	1.56	93	<10	70	1.2	<2	3.11	<0.5	15	46	62	3.25	<10	<1	0.43
G226251	dup	167.4	169.1	1.7	G226251	0.024	0.4	0.67	62	<10	300	0.7	<2	4.09	<0.5	16	39	81	3.43	<10	<1	0.18
G226252	std			0.0	G226252	0.312	3.1	1.91	59	<10	90	<0.5	<2	0.75	1.5	14	85	3130	4.16	10	<1	0.15
G226253	blk			0.0	G226253	<0.005	0.2	0.17	<2	<10	20	<0.5	<2	18.4	<0.5	1	6	10	0.48	<10	<1	0.09
G226254	169.1-169.8	169.1	169.8	0.7	G226254	<0.005	<0.2	0.58	135	<10	40	1.1	<2	7.89	<0.5	16	67	45	3.84	<10	1	0.14
G226255	169.8-171.4	169.8	171.4	1.6	G226255	0.005	<0.2	2.38	130	<10	90	1.4	<2	3.4	<0.5	22	140	51	3.86	<10	<1	0.63
G226256	171.4-173.4	171.4	173.4	2.0	G226256	0.015	0.3	0.94	203	<10	30	0.9	<2	6.54	<0.5	34	608	52	3.23	<10	<1	0.11
G226257	173.4-174.9	173.4	174.9	1.5	G226257	0.011	<0.2	1.07	347	<10	10	0.6	<2	6.98	<0.5	42	1015	14	2.79	<10	<1	0.04
G226258	174.9-176.9	174.9	176.9	2.0	G226258	0.008	<0.2	1.57	240	<10	50	1.3	<2	6.75	<0.5	25	259	35	2.85	<10	<1	0.26
G226259	176.9-178.4	176.9	178.4	1.5	G226259	0.007	<0.2	1.86	81	<10	30	1.5	<2	3.98	<0.5	13	69	22	1.9	<10	<1	0.13
G226260	178.4-179.4	178.4	179.4	1.0	G226260	0.005	<0.2	3.41	236	<10	110	1.2	<2	5.81	<0.5	49	1150	43	4.62	10	<1	1.17
G226261	179.4-180.8	179.4	80.8	-98.6	G226261	<0.005	<0.2	0.98	109	<10	640	0.7	<2	7	<0.5	48	1620	20	3.62	<10	<1	0.03
G226262	180.8-182.8	180.8	182.8	2.0	G226262	0.005	<0.2	0.5	112	<10	20	0.6	<2	2.89	<0.5	9	38	40	1.96	<10	<1	0.16
G226263	182.8-184.6	182.8	184.6	1.8	G226263	0.007	<0.2	0.5	17	<10	20	0.5	<2	2.32	<0.5	5	16	41	1.48	<10	<1	0.14
G226264	184.6-186.4	184.6	186.4	1.8	G226264	0.022	0.8	0.61	78	<10	110	0.7	2	6.81	<0.5	18	28	196	3.38	<10	<1	0.14

G226200	<10	5.8	391	<1	0.08	462	100	3	0.81	5	5	528	<10	<20	0.01	<10	<10	15	<10	19			0.028
G226201	10	3.44	549	<1	0.08	168	340	3	0.63	10	7	353	<10	<20	0.03	<10	<10	28	<10	53			0.057
G226202	10	1.45	407	<1	0.08	98	540	3	0.9	3	6	174	<10	<20	0.13	<10	<10	32	<10	31			0.083
G226203	30	2.94	823	<1	0.06	111	400	7	0.34	9	14	168	<10	<20	0.02	<10	<10	55	<10	59			
G226204	10	0.87	367	<1	0.14	30	640	4	0.5	8	3	147	<10	<20	0.13	<10	<10	24	<10	30			
G226205	20	2.54	705	<1	0.05	34	1010	12	0.43	3	11	302	<10	<20	0.01	<10	<10	46	<10	61			
G226206	10	1.42	359	<1	0.16	98	690	4	0.6	<2	4	173	<10	<20	0.12	<10	<10	30	<10	28			
G226207	10	1.33	425	<1	0.07	42	520	4	0.69	2	6	111	<10	<20	0.13	<10	<10	43	<10	35			
G226208	10	1.26	562	<1	0.02	42	460	12	1.42	7	9	138	<10	<20	0.01	<10	<10	27	<10	110			
G226209	10	2.01	748	<1	0.02	32	330	36	2.41	12	6	136	<10	<20	<0.01	<10	<10	15	<10	414			
G226210	10	2.25	767	<1	0.01	31	350	18	1.26	6	8	269	<10	<20	<0.01	<10	<10	19	<10	168			
G226211	10	1.99	683	1	0.02	35	420	13	2.08	8	11	225	<10	<20	<0.01	<10	<10	27	<10	42			
G226212	20	2.23	603	1	0.02	30	500	5	1.08	4	10	160	<10	<20	<0.01	<10	<10	30	<10	30			
G226213	<10	1.83	1205	<1	0.02	31	280	6	0.56	3	3	178	<10	<20	0.01	<10	<10	9	<10	85			
G226214	<10	11.2	220	<1	0.01	4	250	3	<0.01	<2	1	51	<10	<20	0.01	<10	<10	3	<10	14			
G226215	20	3.39	450	<1	0.06	196	340	2	0.49	4	8	172	<10	<20	0.07	<10	<10	46	<10	50			
G226216	10	0.89	720	35	0.08	147	620	90	0.83	4	5	38	<10	<20	0.12	<10	<10	59	10	321			
G226217	20	3.53	508	<1	0.07	190	330	4	0.49	4	8	190	<10	<20	0.07	<10	<10	47	<10	51			
G226218	20	2.45	335	<1	0.05	90	400	4	0.27	<2	7	193	<10	<20	0.02	<10	<10	34	<10	30			
G226219	10	5.34	478	<1	0.02	569	120	4	0.38	<2	7	139	<10	<20	0.01	<10	<10	26	<10	31			
G226220	20	2.91	342	<1	0.06	124	460	3	0.68	<2	8	72	<10	<20	0.06	<10	<10	65	<10	36			
G226221	30	1.54	336	<1	0.1	41	530	3	0.41	2	7	104	<10	<20	0.09	<10	<10	45	<10	33			
G226222	10	1	422	1	0.13	54	570	4	1.07	<2	4	171	<10	<20	0.08	<10	<10	23	<10	25			
G226223	20	1.16	325	<1	0.12	48	760	4	0.72	3	5	126	<10	<20	0.12	<10	<10	33	<10	31			
G226224	20	2.51	544	1	0.06	35	720	5	0.26	2	13	196	<10	<20	0.04	<10	<10	52	<10	44			
G226225	10	6.27	728	<1	0.03	432	180	2	0.13	3	12	227	<10	<20	0.02	<10	<10	47	<10	52			
G226226	20	2.33	512	<1	0.01	19	570	4	0.33	<2	8	147	<10	<20	<0.01	<10	<10	26	<10	33			
G226227	20	1.75	425	1	0.01	34	540	7	0.68	4	12	143	<10	<20	<0.01	<10	<10	41	<10	37			
G226228	20	1.2	312	<1	0.01	41	310	7	0.62	3	8	133	<10	<20	<0.01	<10	<10	26	<10	45			
G226229	20	2.82	703	1	0.02	34	480	3	0.41	5	10	216	<10	<20	<0.01	<10	<10	36	<10	32			
G226230	20	1.11	246	<1	0.02	32	620	7	0.89	5	8	137	<10	<20	0.03	<10	<10	42	<10	43			
G226231	30	1.81	406	1	0.04	35	610	4	0.89	5	9	151	<10	<20	0.01	<10	<10	35	<10	35			
G226232	40	1.89	407	1	0.08	23	1040	384	1.16	6	9	160	<10	20	0.02	<10	<10	41	<10	605			
G226233	30	1.99	378	1	0.03	89	410	6	0.57	4	11	174	<10	<20	0.01	<10	<10	41	<10	68			
G226234	20	1.9	266	<1	0.02	43	530	19	1.1	7	9	146	<10	<20	<0.01	<10	<10	31	<10	452			
G226235	20	1.56	297	<1	0.02	32	900	144	0.57	12	10	122	<10	<20	<0.01	<10	<10	29	<10	161			
G226236	30	2.13	338	1	0.02	38	370	9	1.49	2	11	159	<10	<20	<0.01	<10	<10	33	<10	29			
G226238	10	1.8	264	1	0.01	13	450	23	0.68	5	5	124	<10	20	<0.01	<10	<10	13	<10	68			
G226239	20	1.83	377	<1	0.01	33	590	24	0.63	4	10	133	<10	20	<0.01	<10	<10	26	<10	84			
G226240	20	2.52	426	<1	0.02	32	530	10	0.33	5	9	163	<10	<20	<0.01	<10	<10	23	<10	64			
G226241	10	3.53	513	<1	0.02	84	270	61	0.4	21	7	266	<10	<20	<0.01	<10	<10	18	<10	185			
G226242	<10	1.25	260	<1	0.01	166	490	78	>10.0	40	5	108	<10	<20	<0.01	<10	<10	16	<10	201			
G226243	<10	2.53	374	1	0.01	39	310	12	3.92	19	4	188	<10	<20	<0.01	<10	<10	12	<10	41			
G226244	30	2.55	537	1	0.05	43	630	5	0.79	7	11	193	<10	<20	0.05	<10	<10	57	<10	43			
G226245	30	2.03	407	<1	0.04	92	780	4	0.74	4	9	142	<10	20	0.03	<10	<10	49	<10	44			
G226246	10	5	660	<1	0.02	258	190	2	0.17	26	5	446	<10	<20	<0.01	<10	<10	16	<10	39			
G226247	30	2.71	741	<1	0.01	101	520	5	0.71	2	8	225	<10	20	<0.01	<10	<10	34	<10	40			
G226248	20	1.48	509	<1	0.03	37	530	4	0.54	2	6	134	<10	<20	0.04	<10	<10	34	1170	32	>1500	3290	
G226249	20	1.96	490	<1	0.01	56	1030	5	0.98	3	7	193	<10	<20	<0.01	<10	<10	28	50	32			
G226250	40	1.84	500	<1	0.04	33	690	6	0.75	6	7	157	<10	20	0.04	<10	<10	40	<10	45			
G226251	20	1.87	478	<1	0.02	57	770	7	0.97	4	7	189	<10	<20	<0.01	<10	<10	27	<10	33			
G226252	10	0.87	724	34	0.07	143	610	86	0.82	3	5	37	<10	<20	0.11	<10	<10	58	10	323			
G226253	<10	10.6	213	<1	0.02	3	230	3	<0.01	<2	<1	48	<10	<20	<0.01	<10	<10	3	<10	14			
G226254	20	3.33	800	<1	0.02	39	920	8	0.76	8	12	282	<10	<20	<0.01	<10	<10	49	<10	42			
G226255	20	2.88	649	<1	0.04	51	1170	4	0.79	12	13	168	<10	<20	0.08	<10	<10	79	<10	71			
G226256	10	4.75	534	<1	0.02	341	290	3	0.55	6	6	316	<10	<20	<0.01	<10	<10	22	<10	26			
G226257	<10	6.65	384	<1	0.01	490	70	<2	0.39	7	3	387	<10	<20	<0.01	<10	<10	11	<10	23			
G226258	10	4.17	523	<1	0.06	238	490	3	0.49	10	6	343	<10	<20	0.01	<10	<10	25	<10	35			
G226259	10	2.13	348	<1	0.1	83	640	3	0.29	6	5	216	<10	<20	0.11	<10	<10	23	<10	27			
G226260	10	7.49	684	<1	0.02	547	250	3	0.7	6	10	294	<10	<20	0.11	<10	<10	57	<10	52			
G226261	<10	9.82	686	<1	0.02	666	40	4	0.22	53	5	353	<10	<20	0.01	<10	<10	24	<10	15			
G226262	40	1.01	273	<1	0.02	84	540	5	0.87	8	3	102	<10	20	<0.01	<10	<10	11	<10	16			
G226263	50	0.74	155	<1	0.02	14	560	4	0.6	3	3	95	<10	20	<0.01	<10	<10	10	<10	17			
G226264	30	2.6	902	<1	0.01	27	560	8	1.39	8	7	209	<10	<20	<0.01	<10	<10	28	<10	31			

G226265	186.4-187.3	186.4	187.3	0.9	G226265	0.010	0.3	1.24	20	<10	50	1	<2	3.39	<0.5	17	13	92	2.85	<10	<1	0.11
G226266	187.3-189.3	187.3	189.3	2.0	G226266	1.195	10	0.29	2250	<10	10	<0.5	49	1.49	0.7	27	10	435	25	<10	<1	0.09
G226267	189.3-190.6	189.3	190.6	1.3	G226267	0.072	1	0.97	137	<10	20	1.3	5	4.64	2	20	38	268	5.79	<10	<1	0.17
G226268	190.6-192.6	190.6	192.6	2.0	G226268	0.094	1.1	0.82	171	<10	40	0.8	6	5.08	<0.5	13	15	86	4.5	<10	<1	0.26
G226269	192.6-194.3	192.6	194.3	1.7	G226269	0.011	<0.2	1.75	22	<10	80	1.3	<2	2.77	<0.5	14	55	52	3.05	<10	<1	0.57
G226270	194.3-195.6	194.3	195.6	1.3	G226270	0.005	<0.2	1.29	98	<10	60	1.3	<2	3.9	<0.5	16	190	61	2.69	<10	<1	0.6
G226271	195.6-196.6	195.6	196.6	1.0	G226271	0.006	<0.2	0.39	65	<10	60	0.5	<2	2.16	<0.5	5	17	33	1.22	<10	<1	0.19
G226272	196.6-197.9	196.6	197.9	1.3	G226272	0.019	<0.2	0.43	252	10	40	0.8	<2	3.62	<0.5	13	41	111	2.36	<10	<1	0.25
G226273	197.9-199.9	197.9	199.9	2.0	G226273	0.017	0.8	0.42	240	10	250	1	5	6.28	0.6	9	65	134	2.22	<10	<1	0.21
G226274	199.9-201.9	199.9	201.9	2.0	G226274	0.183	2.1	0.4	3360	10	70	0.8	20	7.19	2.3	21	36	220	4.4	<10	<1	0.19
G226275	201.9-203.9	201.9	203.9	2.0	G226275	0.007	0.2	0.42	163	10	120	0.9	3	4.57	2	28	36	184	3.2	<10	<1	0.24
G226276	203.9-205.9	203.9	205.9	2.0	G226276	0.022	0.5	0.47	253	10	170	1	2	7.34	3.2	12	26	144	3.05	<10	<1	0.19
G226277	205.9-208.0	205.9	208.0	2.1	G226277	0.107	4.3	0.34	383	10	50	0.8	18	6.68	14.9	15	28	232	4.81	<10	1	0.16
G226278	208.0-209.6	208.0	209.6	1.6	G226278	0.018	0.6	0.35	86	10	170	1.7	2	10.85	4.1	4	13	48	2.38	<10	<1	0.15
G226279	209.6-211.6	209.6	211.6	2.0	G226279	0.041	1.2	0.28	611	<10	270	1.8	5	14.8	6	5	17	61	2.59	<10	<1	0.1
G226280	211.6-213.6	211.6	213.6	2.0	G226280	0.062	2	0.33	324	<10	80	1.5	3	11.35	9.6	7	43	70	2.81	<10	1	0.11
G226281	213.6-215.0	213.6	215.0	1.4	G226281	0.024	0.4	0.58	516	<10	20	1.4	<2	7.61	0.9	18	23	57	2.55	<10	1	0.16
G226282	215.0-217.0	215.0	217.0	2.0	G226282	<0.005	<0.2	0.11	622	<10	20	1	<2	16	<0.5	9	360	6	2.9	<10	1	0.04
G226283	217.0-219.5	217.0	219.5	2.5	G226283	<0.005	<0.2	0.78	74	<10	60	1	2	7.43	<0.5	39	1075	8	3.98	<10	1	0.37
G226284	219.5-221.0	219.5	221.0	1.5	G226284	0.005	0.5	2.41	68	<10	140	1.4	<2	3.3	<0.5	41	436	73	6.14	10	1	1.16
G226285	221.0-223.0	221.0	223.0	2.0	G226285	0.005	<0.2	0.29	329	<10	20	0.8	<2	5.3	<0.5	52	749	6	3.67	<10	<1	0.04
G226286	223.0-225.2	223.0	225.2	2.2	G226286	0.007	<0.2	0.13	518	<10	50	1	<2	5.42	<0.5	44	404	7	3.49	<10	<1	0.06
G226287	dup	223.0	225.2	2.2	G226287	0.006	<0.2	0.13	575	<10	30	1.1	<2	5.58	<0.5	47	424	6	3.71	<10	1	0.06
G226288	std			0.0	G226288	0.96	3.8	1.23	61	<10	140	<0.5	8	0.73	2.9	14	64	3340	3.85	<10	<1	0.47
G226289	blk			0.0	G226289	<0.005	<0.2	0.25	3	<10	30	<0.5	<2	20	<0.5	1	10	7	0.51	<10	1	0.14
G226290	225.2-226.2	225.2	226.2	1.0	G226290	0.006	0.4	0.38	367	<10	40	1.1	<2	6.81	0.5	33	197	39	3.43	<10	<1	0.09
G226291	226.2-228.2	226.2	228.2	2.0	G226291	<0.005	<0.2	0.3	69	<10	30	0.5	<2	3.48	0.6	9	6	7	1.61	<10	<1	0.18
G226292	228.2-230.2	228.2	230.2	2.0	G226292	<0.005	<0.2	0.33	6	<10	10	0.5	<2	1.59	<0.5	3	4	1	0.79	<10	<1	0.14
G226293	230.2-232.2	230.2	232.2	2.0	G226293	<0.005	<0.2	0.25	7	<10	20	<0.5	<2	1.18	<0.5	3	4	2	0.88	<10	1	0.18
G226294	232.2-234.2	232.2	234.2	2.0	G226294	<0.005	<0.2	0.25	18	<10	40	0.5	2	2.37	<0.5	3	4	4	1.1	<10	<1	0.17
G226295	234.2-234.8	234.2	234.8	0.6	G226295	0.005	0.2	0.27	14	<10	30	0.5	<2	2.14	<0.5	4	3	15	1.29	<10	<1	0.21
	EOH																					

G226265	30	1.55	283	<1	0.01	9	940	6	1.3	3	11	122	<10	20	0.01	<10	<10	49	<10	50			
G226266	<10	0.55	226	<1	0.02	17	350	77	>10.0	21	2	41	<10	<20	<0.01	<10	<10	9	<10	50			
G226267	30	1.83	966	1	0.02	46	860	15	2.39	10	12	111	<10	<20	<0.01	<10	<10	48	<10	142			
G226268	30	2.03	482	<1	0.02	13	790	24	2.53	5	11	192	<10	20	<0.01	<10	<10	44	<10	47			
G226269	30	1.77	296	<1	0.04	38	650	6	0.69	3	10	128	<10	20	0.03	<10	<10	50	<10	40			
G226270	20	2.29	463	<1	0.05	218	480	4	0.71	10	8	212	<10	<20	0.01	<10	<10	34	<10	51			
G226271	20	0.8	130	<1	0.02	32	320	6	0.35	3	2	63	<10	20	<0.01	<10	<10	7	<10	20			
G226272	10	1.28	215	<1	0.01	60	210	18	1.02	12	8	127	<10	<20	<0.01	<10	<10	21	<10	71			
G226273	10	2.65	434	1	0.03	34	700	25	0.84	33	10	152	<10	<20	<0.01	<10	<10	40	<10	82			
G226274	10	3.33	601	1	0.02	40	490	94	3.37	64	11	157	<10	<20	<0.01	<10	<10	26	<10	242			
G226275	10	1.76	284	<1	0.02	52	310	39	2.22	19	9	109	<10	<20	<0.01	<10	<10	24	<10	232			
G226276	10	3.37	585	<1	0.02	36	320	66	1.65	29	7	160	<10	<20	<0.01	<10	<10	19	<10	296			
G226277	10	3.17	474	<1	0.02	36	350	624	4.26	62	7	154	<10	<20	<0.01	<10	<10	21	<10	955			
G226278	20	5.57	493	<1	0.03	21	330	54	1.23	24	3	279	<10	<20	<0.01	<10	<10	14	<10	444			
G226279	10	6.67	674	<1	0.03	33	210	126	0.99	26	2	339	<10	<20	<0.01	<10	<10	14	<10	332			
G226280	10	5.69	618	<1	0.03	116	70	243	1.02	27	4	322	<10	<20	<0.01	<10	<10	19	<10	477			
G226281	10	4.05	521	<1	0.02	306	170	28	1.04	15	3	219	<10	<20	<0.01	<10	<10	14	<10	123			
G226282	10	8.87	676	<1	0.02	171	10	3	0.25	8	3	1210	<10	<20	<0.01	<10	<10	12	<10	9			
G226283	10	10.55	839	<1	0.02	1070	180	8	0.05	7	6	636	<10	<20	0.02	<10	<10	33	<10	16			
G226284	20	6.07	1035	<1	0.02	348	240	10	0.04	3	24	217	<10	<20	0.09	<10	<10	106	<10	76			
G226285	10	11.5	1050	<1	0.01	951	60	<2	0.06	13	3	465	<10	<20	<0.01	<10	<10	13	<10	32			
G226286	10	13.55	875	<1	0.01	780	20	3	0.4	10	3	634	<10	<20	<0.01	<10	<10	8	<10	18			
G226287	10	14.25	913	<1	0.02	823	20	3	0.44	8	3	638	<10	<20	<0.01	<10	<10	8	<10	20			
G226288	30	0.56	290	226	0.04	13	560	117	1.65	28	4	37	<10	<20	0.03	<10	<10	40	<10	169			
G226289	10	11.8	224	<1	0.02	7	260	<2	<0.01	<2	<1	51	<10	<20	0.01	<10	<10	6	<10	14			
G226290	20	5.16	923	<1	0.02	566	110	34	0.1	8	8	529	<10	<20	<0.01	<10	<10	27	<10	145			
G226291	20	1.65	349	1	0.01	121	70	6	0.33	<2	1	141	<10	20	<0.01	<10	<10	2	<10	39			
G226292	20	0.76	177	<1	0.01	21	30	7	0.24	<2	<1	67	<10	20	<0.01	<10	<10	<1	<10	8			
G226293	20	0.48	177	<1	0.01	9	130	<2	0.32	<2	<1	33	<10	20	<0.01	<10	<10	<1	<10	8			
G226294	30	0.99	274	1	0.01	13	60	3	0.51	<2	<1	90	<10	20	<0.01	<10	<10	1	<10	13			
G226295	20	0.82	324	<1	0.01	18	160	3	0.54	<2	1	68	<10	30	<0.01	<10	<10	2	<10	18			

Core Sample Intervals
Hole No: SG-09-35,
Nightmusic Zone, Sonora Gulch Project
Northern Tiger Resources Inc.

Sample #	Meterage	From	To	Interval		Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
					DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
G226296	4.6-6.6	4.6	6.6	2.0	G226296	0.006	0.2	0.24	27	<10	30	0.5	<2	0.57	<0.5	3	5	46	1.31	<10
G226297	6.6-8.6	6.6	8.6	2.0	G226297	0.010	0.2	0.26	20	<10	50	0.5	2	1	<0.5	3	7	47	1.38	<10
G226298	8.6-10.6	8.6	10.6	2.0	G226298	0.005	<0.2	0.34	34	<10	70	0.6	<2	1.14	<0.5	3	6	64	1.6	<10
G226299	10.6-12.6	10.6	12.6	2.0	G226299	0.025	0.5	0.23	91	<10	80	0.5	<2	0.84	<0.5	2	6	48	1.37	<10
G226300	12.6-14.6	12.6	14.6	2.0	G226300	0.005	0.2	0.27	28	<10	180	0.6	<2	0.81	0.6	3	6	48	1.36	<10
G226301	14.6-16.6	14.6	16.6	2.0	G226301	0.011	1.3	0.42	119	<10	220	0.8	3	1.64	0.8	5	5	110	2.08	<10
G226302	16.6-18.6	16.6	18.6	2.0	G226302	0.481	2.2	0.37	275	<10	100	0.8	4	1.25	1	6	6	128	1.97	<10
G226303	18.6-20.6	18.6	20.6	2.0	G226303	0.098	0.5	0.29	573	<10	20	0.6	<2	1.4	1.3	4	4	77	1.97	<10
G226304	20.6-22.6	20.6	22.6	2.0	G226304	0.017	0.8	0.3	66	<10	30	0.6	3	1.08	7.4	5	8	135	1.92	<10
G226305	22.6-24.6	22.6	24.6	2.0	G226305	0.039	0.5	0.28	161	<10	20	0.5	2	0.79	0.8	3	5	51	1.36	<10
G226306	24.6-26.1	24.6	26.1	1.5	G226306	0.012	<0.2	0.24	13	<10	130	<0.5	<2	0.54	0.6	1	4	11	1.17	<10
G226307	26.1-28.1	26.1	28.1	2.0	G226307	0.068	<0.2	0.79	30	<10	220	0.7	<2	1.54	<0.5	4	11	25	1.81	<10
G226308	28.1-30.1	28.1	30.1	2.0	G226308	0.020	0.3	0.64	80	<10	140	0.8	2	2.56	0.7	6	9	58	2.14	<10
G226309	30.1-31.4	30.1	31.4	1.3	G226309	0.013	0.2	0.32	76	<10	40	0.7	2	1.08	<0.5	7	7	69	1.83	<10
G226310	31.4-33.4	31.4	33.4	2.0	G226310	0.024	0.4	0.38	102	<10	40	0.6	<2	1.27	1.1	4	12	86	1.55	<10
G226311	33.4-35.4	33.4	35.4	2.0	G226311	0.031	0.2	0.53	169	<10	40	0.8	<2	1.7	1.8	6	8	50	1.76	<10
G226312	35.4-37.4	35.4	37.4	2.0	G226312	0.192	0.3	0.59	36	<10	140	0.8	<2	1.76	0.6	8	7	86	1.89	<10
G226313	37.4-39.4	37.4	39.4	2.0	G226313	0.010	0.2	0.23	61	<10	30	<0.5	<2	1.27	0.5	3	6	55	1.51	<10
G226314	39.4-40.5	39.4	40.5	1.1	G226314	0.043	0.3	0.24	142	<10	30	<0.5	<2	1.13	0.6	3	8	35	1.48	<10
G226315	40.5-42.5	40.5	42.5	2.0	G226315	0.144	1.2	0.23	98	<10	20	0.5	7	1.19	10.7	4	5	140	1.83	<10
G226316	42.5-43.8	42.5	43.8	1.3	G226316	0.010	0.4	0.19	16	<10	120	<0.5	2	0.85	<0.5	3	7	71	1.31	<10
G226317	43.8-44.7	43.8	44.7	0.9	G226317	0.025	0.3	0.2	30	<10	30	<0.5	<2	1.08	0.5	2	7	78	1.14	<10
G226318	44.7-46.7	44.7	46.7	2.0	G226318	0.051	0.7	0.22	225	<10	30	0.5	<2	1.3	1.1	3	7	85	1.48	<10
G226319	46.7-48.7	46.7	48.7	2.0	G226319	0.016	0.4	0.25	76	<10	30	<0.5	<2	0.98	<0.5	3	4	67	1.62	<10
G226320	dup	46.7	48.7	2.0	G226320	0.018	<0.2	0.23	101	<10	30	<0.5	<2	0.87	<0.5	2	5	41	1.44	<10
G226321	std			0.0	G226321	0.272	3	2	59	<10	90	<0.5	<2	0.79	1.7	14	92	3200	4.3	10
G226322	blk			0.0	G226322	0.005	0.2	0.25	<2	<10	30	<0.5	<2	19.9	<0.5	2	8	5	0.51	<10
G226323	48.7-50.7	48.7	50.7	2.0	G226323	0.017	0.4	0.27	21	<10	20	0.6	<2	1.25	0.7	3	5	74	1.51	<10
G226324	50.7-51.7	50.7	51.7	1.0	G226324	0.007	0.4	0.31	25	<10	20	0.6	<2	1.23	0.9	3	5	60	1.46	<10
G226325	51.7-53.3	51.7	53.3	1.6	G226325	0.010	0.3	0.27	18	<10	60	0.5	<2	1.19	<0.5	3	5	60	1.69	<10
G226326	53.3-54.9	53.3	54.9	1.6	G226326	0.020	0.7	0.31	40	<10	30	0.8	2	1.54	1.3	7	7	138	2.4	<10
G226327	54.9-55.7	54.9	55.7	0.8	G226327	0.012	0.5	0.23	20	<10	60	0.5	<2	1.03	0.5	5	14	117	2.12	<10
G226328	55.7-57.7	55.7	57.7	2.0	G226328	0.032	2.3	0.35	210	<10	80	0.6	4	1.76	1.9	14	6	276	4.06	<10
G226329	57.7-58.3	57.7	58.3	0.6	G226329	0.009	0.3	0.26	49	<10	170	0.5	<2	1.94	2.8	9	11	97	1.99	<10
G226330	58.3-59.2	58.3	59.2	0.9	G226330	0.005	0.2	2.33	127	<10	80	2.4	<2	4.85	<0.5	19	232	135	4.07	10
G226331	59.2-61.2	59.2	61.2	2.0	G226331	0.015	1.3	0.62	78	<10	100	1	5	4.05	2.1	15	21	174	3.13	<10
G226332	61.2-62.1	61.2	62.1	0.9	G226332	0.009	0.5	2.94	127	<10	90	1.4	2	4.65	<0.5	29	360	109	4.72	10
G226333	62.1-64.1	62.1	64.1	2.0	G226333	0.008	0.3	0.61	27	<10	20	<0.5	<2	1.6	0.7	4	6	45	1.76	<10
G226334	64.1-66.1	64.1	66.1	2.0	G226334	0.013	0.4	1.19	65	<10	20	<0.5	<2	1.53	0.7	6	11	119	2.72	10
G226335	66.1-68.1	66.1	68.1	2.0	G226335	0.012	<0.2	1.01	26	<10	20	<0.5	<2	1.35	<0.5	3	9	30	2.01	<10
G226336	68.1-70.0	68.1	70.0	1.9	G226336	0.005	<0.2	1.15	17	<10	50	<0.5	<2	1.52	<0.5	9	65	44	2.29	<10
G226337	70.0-72.0	70.0	72.0	2.0	G226337	0.006	<0.2	0.78	42	<10	20	<0.5	<2	1.42	<0.5	5	19	24	2.34	<10
G226338	72.0-74.0	72.0	74.0	2.0	G226338	0.043	0.3	1.97	42	<10	30	0.7	<2	2.42	2	11	106	108	3.09	10
G226339	74.0-76.0	74.0	76.0	2.0	G226339	0.006	0.9	1.5	8	<10	20	0.5	2	1.51	0.5	9	21	125	2.57	<10
G226340	76.0-78.0	76.0	78.0	2.0	G226340	0.015	0.6	3.51	9	<10	30	0.8	3	3.26	<0.5	19	40	266	4.43	10
G226341	78.0-78.9	78.0	78.9	0.9	G226341	0.009	0.2	3.39	12	<10	30	1	<2	5.23	<0.5	11	39	139	2.5	10
G226342	78.9-80.9	78.9	80.9	2.0	G226342	0.014	0.4	1.53	89	<10	30	0.7	<2	3.3	<0.5	8	13	156	2.44	10
G226343	80.9-82.9	80.9	82.9	2.0	G226343	0.013	0.2	1.24	63	<10	60	0.7	<2	2.72	<0.5	7	11	106	2.41	<10
G226344	82.9-83.9	82.9	83.9	1.0	G226344	0.019	<0.2	1.31	44	<10	40	0.6	<2	1.93	<0.5	9	14	98	3.12	10
G226345	83.9-85.4	83.9	85.4	1.5	G226345	0.012	0.3	1.04	44	<10	30	0.5	<2	2.28	0.7	11	13	129	3.13	<10
G226346	85.4-87.4	85.4	87.4	2.0	G226346	0.028	0.6	1.02	156	<10	30	0.9	2	3.19	1.1	14	16	188	3.6	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
G226296	<1	0.16	30	0.14	86	23	0.03	1	90	2	0.71	<2	<1	14	<10	20	<0.01	<10	<10	1	<10	10
G226297	1	0.18	30	0.2	82	25	0.03	2	100	<2	0.95	<2	<1	20	<10	20	<0.01	<10	<10	1	<10	10
G226298	<1	0.17	30	0.39	96	48	0.03	1	100	3	0.91	<2	<1	27	<10	20	<0.01	<10	<10	2	<10	15
G226299	<1	0.16	30	0.17	78	63	0.03	1	100	3	0.86	<2	<1	19	<10	20	<0.01	<10	<10	1	<10	15
G226300	<1	0.16	30	0.31	97	13	0.03	2	90	<2	0.61	<2	<1	21	<10	20	<0.01	<10	<10	1	<10	40
G226301	<1	0.26	20	0.54	131	36	0.02	3	90	68	1.12	2	1	60	<10	20	<0.01	<10	<10	2	<10	47
G226302	<1	0.25	20	0.24	160	37	0.01	2	70	34	1.17	4	1	30	<10	20	<0.01	<10	<10	1	<10	39
G226303	<1	0.16	30	0.36	109	42	0.01	1	90	3	1.14	<2	<1	29	<10	20	<0.01	<10	<10	1	<10	56
G226304	<1	0.24	20	0.16	87	8	0.02	7	150	15	1.43	<2	<1	20	<10	20	<0.01	<10	<10	1	<10	181
G226305	<1	0.17	30	0.17	75	8	0.02	2	100	3	1.05	<2	<1	20	<10	20	<0.01	<10	<10	1	<10	35
G226306	<1	0.24	30	0.06	51	5	0.03	1	90	3	0.76	<2	<1	20	<10	20	<0.01	<10	<10	<1	<10	12
G226307	<1	0.44	30	0.6	111	21	0.04	5	240	2	1.03	<2	2	57	<10	20	0.03	<10	<10	10	<10	29
G226308	<1	0.3	30	1	173	21	0.02	8	280	3	1.12	<2	3	90	<10	20	0.01	<10	<10	10	<10	47
G226309	1	0.18	30	0.27	111	22	0.02	11	270	<2	1.16	<2	2	31	<10	20	<0.01	<10	<10	5	<10	18
G226310	<1	0.19	30	0.26	94	45	0.03	4	120	2	1.27	<2	1	32	<10	20	<0.01	<10	<10	5	<10	39
G226311	<1	0.31	30	0.55	87	75	0.03	6	270	3	1.53	<2	1	40	<10	20	0.01	<10	<10	4	<10	72
G226312	<1	0.35	30	0.53	67	32	0.03	7	380	3	1.8	<2	1	46	<10	<20	0.01	<10	<10	4	20	23
G226313	<1	0.17	20	0.09	75	33	0.01	3	110	3	1.48	<2	<1	20	<10	20	<0.01	<10	<10	1	<10	21
G226314	<1	0.18	20	0.15	94	56	0.01	2	80	<2	1.18	<2	<1	16	<10	20	<0.01	<10	<10	1	<10	38
G226315	<1	0.17	20	0.16	122	56	0.01	2	110	8	1.28	<2	1	23	<10	20	<0.01	<10	<10	1	<10	296
G226316	<1	0.14	20	0.12	69	36	0.01	1	80	3	1	<2	<1	16	<10	20	<0.01	<10	<10	1	<10	7
G226317	1	0.12	20	0.21	89	38	0.01	1	70	2	0.69	<2	<1	23	<10	20	<0.01	<10	<10	2	<10	28
G226318	<1	0.14	20	0.28	100	21	0.01	1	80	3	0.99	<2	1	26	<10	20	<0.01	<10	10	2	<10	44
G226319	<1	0.2	20	0.12	69	35	<0.01	1	70	2	1.17	<2	<1	23	<10	20	<0.01	<10	<10	1	<10	16
G226320	<1	0.19	20	0.11	65	32	<0.01	1	70	2	1.05	<2	<1	33	<10	20	<0.01	<10	<10	1	<10	12
G226321	1	0.15	10	0.93	738	37	0.06	147	630	92	0.85	4	5	38	<10	<20	0.12	<10	<10	60	10	337
G226322	<1	0.14	10	11.7	224	<1	<0.01	6	250	<2	<0.01	<2	1	50	<10	<20	0.01	<10	<10	5	<10	14
G226323	<1	0.19	20	0.17	95	37	<0.01	2	70	2	1.15	<2	<1	46	<10	20	<0.01	<10	<10	1	<10	26
G226324	1	0.16	40	0.3	93	44	0.02	1	110	4	0.98	<2	1	25	<10	30	<0.01	<10	<10	2	<10	37
G226325	<1	0.16	30	0.23	78	13	0.02	2	120	3	1.35	<2	<1	29	<10	20	<0.01	<10	<10	1	<10	21
G226326	<1	0.17	30	0.37	131	19	<0.01	6	170	3	1.46	<2	2	60	<10	20	<0.01	<10	<10	6	<10	61
G226327	<1	0.15	20	0.2	106	6	<0.01	9	160	2	1.49	<2	1	32	<10	20	<0.01	<10	<10	2	<10	36
G226328	<1	0.24	20	0.37	257	47	0.01	6	290	20	3.26	2	2	104	<10	20	<0.01	<10	<10	7	<10	70
G226329	1	0.15	20	0.49	145	3	<0.01	12	150	3	1.39	<2	2	115	<10	20	<0.01	<10	<10	5	<10	102
G226330	1	0.7	20	3.49	533	19	0.04	125	1260	<2	0.9	5	20	349	<10	<20	0.05	<10	<10	99	<10	52
G226331	1	0.15	10	1.76	263	27	<0.01	71	460	18	2.23	<2	6	303	<10	<20	<0.01	<10	<10	16	<10	124
G226332	1	0.68	20	3.1	437	32	0.15	147	1980	<2	3.15	3	16	100	<10	20	0.19	<10	<10	132	<10	53
G226333	<1	0.2	10	0.48	114	45	0.01	4	190	2	1.5	<2	2	37	<10	<20	<0.01	<10	<10	6	<10	33
G226334	<1	0.2	<10	1.07	196	5	0.04	4	290	3	1.64	<2	8	21	<10	<20	0.03	<10	<10	29	<10	44
G226335	<1	0.17	10	0.8	121	5	0.05	3	230	<2	1.59	<2	4	33	<10	<20	0.02	<10	<10	15	<10	20
G226336	1	0.26	10	1.19	148	34	0.07	34	620	2	1.67	<2	5	70	<10	<20	0.08	<10	<10	37	<10	20
G226337	<1	0.12	10	0.69	120	14	0.03	7	240	<2	2.1	<2	4	57	<10	<20	0.01	<10	<10	13	<10	15
G226338	<1	0.39	20	1.62	255	37	0.11	46	450	4	2.04	<2	6	89	<10	<20	0.06	<10	<10	46	<10	110
G226339	<1	0.3	10	1.11	145	6	0.06	9	270	<2	1.6	<2	5	39	<10	<20	0.02	<10	<10	20	<10	36
G226340	1	0.26	10	2.41	347	16	0.25	19	240	<2	2.19	2	21	136	<10	<20	0.07	<10	<10	105	<10	41
G226341	<1	0.19	10	1.54	344	6	0.42	28	190	3	1.02	<2	14	178	<10	<20	0.07	<10	<10	73	10	29
G226342	1	0.33	20	0.73	203	6	0.13	9	570	3	1.93	<2	4	96	<10	<20	0.01	<10	<10	28	<10	17
G226343	<1	0.32	20	0.76	108	60	0.07	5	590	<2	1.99	<2	3	95	<10	<20	0.01	<10	<10	24	<10	14
G226344	<1	0.28	10	0.87	78	83	0.1	7	590	5	2.58	<2	3	73	<10	<20	0.01	<10	<10	31	<10	16
G226345	<1	0.27	20	0.85	109	23	0.05	7	610	5	2.41	<2	3	69	<10	<20	0.01	<10	<10	27	<10	43
G226346	<1	0.21	20	1.13	345	66	0.05	12	250	4	1.75	4	14	134	<10	<20	0.01	<10	<10	45	<10	77

G226347	87.4-88.3	87.4	88.3	0.9	G226347	0.007	0.5	1.56	26	<10	60	0.7	<2	2.73	<0.5	14	8	137	3.44	10
G226348	88.3-90.3	88.3	90.3	2.0	G226348	0.005	0.2	0.41	61	<10	10	0.8	<2	2.38	<0.5	5	3	86	1.94	<10
G226349	90.3-92.3	90.3	92.3	2.0	G226349	<0.005	0.2	0.31	17	<10	20	0.6	2	1.48	<0.5	3	4	21	2.01	<10
G226350	92.3-94.1	92.3	94.1	1.8	G226350	0.006	0.3	0.32	116	<10	90	0.7	<2	1.87	<0.5	5	3	93	2.32	<10
G226351	94.1-96.1	94.1	96.1	2.0	G226351	0.022	<0.2	0.3	111	<10	30	0.6	<2	1.63	<0.5	3	4	44	1.49	<10
G226352	96.1-97.7	96.1	97.7	1.6	G226352	0.018	0.4	0.52	399	<10	20	1	3	2.36	1.2	10	6	144	2.51	<10
G226353	97.7-98.7	97.7	98.7	1.0	G226353	0.019	1.1	2.13	131	<10	70	1.5	3	4.81	<0.5	24	30	372	4.24	10
G226354	98.7-99.9	98.9	99.9	1.0	G226354	0.312	31	0.2	957	<10	20	<0.5	599	2.78	0.9	38	5	76	1.31	<10
G226355	99.9-101.9	99.9	101.9	2.0	G226355	0.027	0.2	0.27	22	<10	20	0.5	2	1.07	<0.5	3	3	49	1.31	<10
G226356	dup	99.9	101.9	2.0	G226356	0.011	0.3	0.27	29	<10	20	0.5	2	1.06	<0.5	5	3	72	1.43	<10
G226357	std			0.0	G226357	0.977	3.9	1.18	61	<10	130	<0.5	5	0.71	2.6	14	61	3390	3.81	<10
G226358	blk			0.0	G226358	<0.005	<0.2	0.23	<2	<10	30	<0.5	<2	19	<0.5	2	7	5	0.51	<10
G226359	101.9-103.3	101.9	103.3	1.4	G226359	0.008	0.2	0.28	18	<10	30	0.6	<2	1.83	0.9	3	5	72	1.22	<10
G226360	103.3-104.8	103.3	104.8	1.5	G226360	0.545	0.5	2.62	71	<10	90	0.7	2	2.87	<0.5	14	20	170	3.47	10
G226361	104.8-106.2	104.8	106.2	1.4	G226361	0.021	0.6	1.97	132	<10	70	1.1	3	3.76	<0.5	22	28	238	3.44	10
G226362	106.2-108.0	106.2	108.0	1.8	G226362	0.019	0.3	0.58	138	<10	20	0.9	<2	2.82	<0.5	10	12	75	2.05	<10
G226363	108.0-110.0	108.0	110.0	2.0	G226363	0.195	5.5	0.42	2330	<10	90	1.2	5	7.83	6.6	9	17	132	2.77	<10
G226364	110.0-111.6	110.0	111.6	1.6	G226364	0.074	1.1	0.57	717	<10	230	1.4	5	6.38	0.9	13	21	132	3.07	<10
G226365	111.6-113.4	111.6	113.4	1.8	G226365	0.020	0.2	0.41	198	<10	30	1	2	7.96	0.9	21	54	94	3.58	<10
G226366	113.4-115.2	113.4	115.2	1.8	G226366	0.078	0.3	1.2	29	<10	40	1	3	11.2	<0.5	25	25	109	4	<10
G226367	115.2-116.0	115.2	116.0	0.8	G226367	0.014	<0.2	0.95	269	<10	220	1.4	<2	9.36	<0.5	18	815	36	3.32	<10
G226368	116.0-118.0	116.0	118.0	2.0	G226368	0.014	<0.2	1.36	14	<10	90	0.6	<2	4.8	<0.5	14	34	33	2.33	<10
G226369	118.0-118.7	118.0	118.7	0.7	G266369	0.013	0.3	1.73	14	<10	50	0.9	<2	6.92	<0.5	16	39	35	1.91	<10
G226370	118.7-119.6	118.7	119.6	0.9	G266370	0.042	0.2	1.33	42	<10	40	0.7	2	7.66	<0.5	26	103	94	2.5	<10
G226371	119.6-120.7	119.6	120.7	1.1	G266371	0.043	<0.2	0.44	37	<10	70	<0.5	<2	7.53	<0.5	17	27	88	2.69	<10
G226372	120.7-121.7	120.7	121.7	1.0	G266372	0.020	0.2	1.88	62	<10	120	0.8	<2	3.02	<0.5	20	75	65	2.76	10
G226373	121.7-123.3	121.7	123.3	1.6	G266373	0.176	0.7	1.66	72	<10	50	0.6	<2	6.61	<0.5	35	502	178	3.04	<10
G226374	123.3-124.1	123.3	124.1	0.8	G266374	0.015	<0.2	2.03	61	<10	100	1.4	<2	4.7	<0.5	22	302	51	3.23	10
G226375	124.1-125.6	124.1	125.6	1.5	G266375	0.016	0.2	0.6	94	<10	90	1.2	<2	5.08	<0.5	19	30	82	3.53	<10
G226376	125.6-126.8	125.6	126.8	1.2	G266376	0.015	0.5	0.54	131	<10	50	1.6	<2	4.1	<0.5	20	21	92	3.51	<10
G226377	126.8-127.8	126.8	127.8	1.0	G266377	2.090	4.1	0.33	>10000	<10	20	0.6	40	5.04	0.9	26	11	489	10.1	<10
G226378	127.8-129.1	127.8	129.1	1.3	G226378	0.023	0.3	0.36	312	<10	100	0.9	5	8.02	0.7	26	24	57	4.49	<10
G226379	129.1-130.0	129.1	130.0	0.9	G226379	0.012	<0.2	0.34	187	<10	310	0.8	2	7.25	0.7	5	66	71	2.88	<10
G226380	130.0-132.0	130.0	132.0	2.0	G226380	0.117	0.5	0.52	231	<10	80	0.7	<2	2.47	0.9	14	28	49	3.08	<10
G226381	132.0-134.0	132.0	134.0	2.0	G226381	0.017	<0.2	0.83	93	<10	50	0.6	2	1.65	<0.5	14	31	70	3.4	<10
G226382	134.0-135.8	134.0	135.8	1.8	G226382	0.018	0.3	0.97	29	<10	100	0.7	<2	2.99	<0.5	14	39	74	3.48	<10
G226383	135.8-137.8	135.8	137.8	2.0	G226383	0.016	0.3	0.52	38	<10	70	1	<2	5.35	<0.5	15	35	99	3.36	<10
G226384	137.8-139.8	137.8	139.8	2.0	G226384	0.020	0.2	0.44	90	<10	360	0.9	<2	6.19	<0.5	12	14	53	3.84	<10
G226385	139.8-141.8	139.8	141.8	2.0	G226385	0.015	<0.2	2.09	30	<10	70	1	<2	5.32	<0.5	20	29	60	3.39	10
G226386	141.8-143.8	141.8	143.8	2.0	G226386	0.016	0.4	1.98	35	<10	70	0.7	<2	6.34	<0.5	20	96	150	3.58	10
G226387	143.8-145.8	143.8	145.8	2.0	G226387	0.009	0.3	1.54	20	<10	130	1	<2	3.18	<0.5	15	39	64	3.93	10
G226388	145.8-147.8	145.8	147.8	2.0	G226388	0.005	0.3	1.3	33	<10	40	0.8	<2	2.83	<0.5	12	97	93	2.83	<10
G226389	147.8-149.8	147.8	149.8	2.0	G226389	<0.005	0.3	1.79	39	<10	70	0.8	<2	2.82	<0.5	12	112	72	3.02	10
G226390	149.8-152.0	149.8	152.0	2.2	G226390	0.033	0.9	2.44	37	<10	100	1.1	2	5.03	<0.5	18	110	293	3.52	<10
G226391	152.0-154.0	152.0	154.0	2.0	G226391	0.005	0.2	1.4	61	<10	70	1.1	<2	3.75	<0.5	15	80	71	3.48	<10
G226392	dup	152.0	154.0	2.0	G226392	0.007	0.2	1.49	47	<10	100	1	<2	3.77	<0.5	14	116	90	3.41	10
G226393	std			0.0	G226393	0.986	3.5	1.25	59	<10	120	0.5	8	0.72	2.7	13	64	3270	3.88	10
G226394	blk			0.0	G226394	<0.005	0.2	0.24	3	<10	30	<0.5	<2	18.8	<0.5	2	9	10	0.51	<10
G226395	154.0-155.0	154.0	155.0	1.0	G226395	0.005	0.4	1.1	77	<10	90	1.3	<2	4.88	<0.5	18	59	152	3.43	<10
G226396	155.0-156.9	155.0	156.9	1.9	G226396	0.010	<0.2	0.81	412	10	80	0.9	<2	6.75	0.7	18	39	62	3.47	<10
G226397	156.9-158.1	156.9	158.1	1.2	G226397	0.006	0.2	0.77	376	10	40	1	<2	7.35	<0.5	16	164	25	2.88	<10
G226398	158.1-160.2	158.1	160.2	2.1	G226398	0.011	0.3	1.28	85	<10	130	1.2	<2	6.12	<0.5	19	55	85	4.31	<10
G226399	160.2-162.2	160.2	162.2	2.0	G226399	0.005	<0.2	1.63	26	<10	150	0.8	<2	3.46	<0.5	17	197	21	3.53	10
G226400	162.2-164.2	162.2	164.2	2.0	G226400	0.027	0.5	1.21	93	<10	80	1.1	<2	4.39	<0.5	18	95	106	4.11	<10
G226401	164.2-166.2	164.2	166.2	2.0	G226401	0.009	<0.2	1.7	107	<10	140	1.3	<2	4.57	<0.5	17	64	39	4.53	10
G226402	166.2-168.2	166.2	168.2	2.0	G226402	0.005	0.3	1.52	125	10	80	1.5	<2	5.39	<0.5	21	96	25	4.5	10
G226403	168.2-170.2	168.2	170.2	2.0	G226403	<0.005	<0.2	1.5	25	<10	90	1.2	<2	3.81	<0.5	20	31	44	4.76	10
G226404	170.2-172.2	170.2	172.2	2.0	G226404	<0.005	<0.2	1.38	16	<10	110	0.6	<2	3.17	<0.5	12	17	27	3.91	<10
G226405	172.2-174.2	172.2	174.2	2.0	G226405	<0.005	0.2	2.1	20	<10	100	1.1	<2	6.04	<0.5	27	44	56	5.34	10
G226406	174.2-176.2	174.2	176.2	2.0	G226406	<0.005	<0.2	1.53	102	<10	120	1.2	<2	4.95	<0.5	20	36	63	5.08	<10
G226407	176.2-178.2	176.2	178.2	2.0	G226407	0.014	<0.2	1.39	20	<10	140	1.1	<2	2.32	<0.5	12	16	38	3.85	<10

G226347	<1	0.21	10	0.95	260	52	0.11	6	270	2	2.02	2	10	127	<10	<20	0.05	<10	<10	49	<10	30
G226348	<1	0.13	10	0.68	203	52	<0.01	2	220	3	1.17	<2	6	73	<10	<20	<0.01	<10	<10	8	<10	18
G226349	<1	0.14	30	0.32	103	<1	0.02	1	90	4	1.79	<2	1	43	<10	20	<0.01	<10	<10	1	<10	11
G226350	<1	0.18	20	0.24	153	36	0.01	1	100	6	1.89	3	<1	44	<10	20	<0.01	<10	<10	1	<10	31
G226351	<1	0.18	20	0.18	87	11	0.02	1	80	5	1.05	2	<1	40	<10	20	<0.01	<10	<10	1	<10	21
G226352	<1	0.23	20	0.37	176	8	0.01	6	330	5	1.97	7	3	63	<10	20	<0.01	<10	<10	7	<10	58
G226353	<1	0.53	30	1.44	378	9	0.18	23	920	8	3.04	12	8	212	<10	<20	0.05	<10	<10	37	<10	30
G226354	<1	0.15	10	0.82	739	51	0.01	5	120	145	0.96	19	1	82	190	<20	<0.01	<10	<10	2	<10	14
G226355	<1	0.18	20	0.29	85	2	<0.01	<1	80	6	0.85	<2	<1	57	<10	20	<0.01	<10	<10	<1	<10	17
G226356	<1	0.18	20	0.27	79	1	0.01	1	80	5	1.04	<2	<1	41	<10	20	<0.01	<10	<10	<1	<10	19
G226357	<1	0.45	20	0.53	280	211	0.03	12	550	116	1.61	24	4	37	<10	<20	0.03	<10	<10	39	<10	163
G226358	<1	0.13	<10	11.15	216	<1	0.01	2	240	3	<0.01	<2	<1	52	<10	<20	0.01	<10	10	4	<10	14
G226359	<1	0.19	30	0.16	82	<1	0.02	1	100	6	0.88	<2	<1	35	<10	20	<0.01	<10	<10	<1	<10	49
G226360	1	0.34	20	1.22	298	<1	0.28	12	750	8	1.5	<2	6	155	<10	20	0.1	<10	<10	40	<10	38
G226361	<1	0.24	20	1.28	313	2	0.27	18	470	5	1.99	3	7	168	<10	<20	0.05	<10	<10	36	<10	31
G226362	<1	0.18	20	0.96	297	1	0.03	11	400	8	1.21	7	5	134	<10	20	<0.01	<10	<10	17	<10	23
G226363	<1	0.14	10	2.76	1025	1	0.01	24	380	203	1.27	74	6	247	<10	<20	<0.01	<10	<10	19	<10	353
G226364	<1	0.19	10	1.88	754	2	0.01	47	460	26	1.19	18	6	171	<10	<20	<0.01	<10	<10	18	<10	86
G226365	<1	0.11	10	3.25	763	<1	0.01	94	690	33	1.05	16	9	244	<10	<20	<0.01	<10	<10	42	<10	135
G226366	<1	0.16	10	1.71	608	<1	0.05	70	640	4	1.7	6	7	238	<10	<20	0.02	<10	<10	36	<10	33
G226367	<1	0.24	10	3.6	821	<1	0.03	229	170	3	0.28	11	7	349	<10	<20	0.01	<10	<10	28	<10	49
G226368	<1	0.44	20	1.75	400	<1	0.08	36	870	4	0.33	<2	6	140	<10	<20	0.1	<10	<10	42	<10	41
G266369	<1	0.13	10	1.55	492	<1	0.15	38	680	6	0.47	<2	6	201	<10	<20	0.09	<10	<10	29	<10	38
G266370	<1	0.12	10	1.13	397	<1	0.12	80	620	3	1.08	2	3	175	<10	<20	0.06	<10	<10	17	<10	21
G266371	<1	0.15	30	3.36	512	<1	0.01	49	550	4	0.8	<2	5	185	<10	<20	<0.01	<10	<10	26	<10	20
G266372	<1	0.62	20	2.05	325	<1	0.07	61	530	5	0.54	3	8	104	<10	<20	0.05	<10	<10	53	<10	38
G266373	<1	0.36	10	5.15	472	<1	0.06	435	300	5	0.94	2	7	229	<10	<20	0.04	<10	<10	32	<10	37
G266374	1	0.94	10	2.92	498	<1	0.03	137	320	6	0.38	4	13	195	<10	<20	0.05	<10	<10	59	<10	72
G266375	<1	0.17	40	1.84	478	<1	0.01	38	740	6	0.85	6	11	336	<10	20	<0.01	<10	<10	36	<10	45
G266376	<1	0.19	30	1.37	493	<1	0.01	19	800	6	0.42	<2	13	182	<10	<20	<0.01	<10	<10	41	<10	77
G266377	<1	0.17	<10	1.7	570	<1	0.02	33	480	33	5.85	59	5	216	<10	<20	<0.01	<10	<10	12	<10	90
G226378	1	0.1	10	2.81	955	<1	0.01	39	470	17	0.96	8	6	309	<10	<20	<0.01	<10	<10	22	<10	119
G226379	<1	0.08	20	2.88	480	<1	0.01	20	200	16	0.27	7	9	160	<10	<20	<0.01	<10	<10	45	<10	74
G226380	<1	0.18	20	1.09	277	<1	0.01	43	350	13	0.59	3	7	109	<10	<20	0.01	<10	<10	28	<10	82
G226381	<1	0.35	30	0.93	220	<1	0.02	37	370	6	1.1	4	6	94	<10	20	0.02	<10	<10	28	<10	26
G226382	<1	0.39	30	1.19	351	<1	0.03	40	330	4	0.63	<2	8	186	<10	20	0.03	<10	<10	39	<10	31
G226383	<1	0.16	40	2.01	424	<1	0.01	39	750	6	0.73	2	8	185	<10	20	<0.01	<10	<10	30	<10	39
G226384	<1	0.1	30	2.44	537	<1	0.01	17	890	8	0.55	2	9	199	<10	20	<0.01	<10	<10	31	<10	45
G226385	<1	0.4	40	1.38	407	1	0.11	24	840	7	0.69	<2	7	179	<10	20	0.05	<10	<10	37	<10	34
G226386	<1	0.48	20	1.7	410	1	0.12	61	370	5	1.11	2	7	182	<10	<20	0.07	<10	<10	37	<10	27
G226387	<1	0.59	40	1.76	356	<1	0.06	41	300	6	0.78	<2	9	97	<10	20	0.02	<10	<10	39	<10	28
G226388	<1	0.49	30	1.59	243	1	0.06	37	450	8	0.99	3	10	115	<10	<20	0.01	<10	<10	46	<10	28
G226389	<1	0.52	30	2.02	321	1	0.13	34	620	4	0.9	3	11	127	<10	<20	0.03	<10	<10	65	<10	35
G226390	<1	0.7	40	2.44	451	1	0.13	50	830	6	0.72	4	12	198	<10	<20	0.1	<10	<10	68	<10	52
G226391	<1	0.45	40	1.8	402	1	0.06	29	650	6	0.8	4	10	145	<10	20	0.02	<10	<10	47	<10	37
G226392	<1	0.57	40	1.87	402	1	0.07	34	610	5	0.75	4	9	149	<10	20	0.04	<10	<10	48	<10	40
G226393	<1	0.49	30	0.54	287	228	0.04	12	550	119	1.62	27	4	38	<10	<20	0.04	<10	<10	42	10	163
G226394	<1	0.13	<10	11.25	222	<1	0.02	2	280	<2	<0.01	<2	1	50	<10	<20	0.01	<10	<10	5	<10	14
G226395	1	0.4	20	1.91	475	1	0.06	22	710	7	0.8	4	15	222	<10	<20	0.01	<10	<10	62	<10	50
G226396	<1	0.25	10	2.76	548	2	0.02	29	780	17	1.18	8	11	165	<10	<20	<0.01	<10	<10	34	<10	72
G226397	<1	0.28	10	3.25	597	<1	0.03	185	210	12	0.26	13	5	214	<10	<20	<0.01	<10	<10	19	<10	55
G226398	<1	0.23	20	2.33	566	<1	0.03	43	570	10	1.57	7	11	247	<10	<20	0.01	<10	<10	43	<10	65
G226399	<1	0.68	30	2.47	485	<1	0.08	115	800	6	0.57	4	8	192	<10	<20	0.05	<10	<10	48	<10	41
G226400	<1	0.34	30	2.43	512	<1	0.01	141	360	6	0.81	8	8	238	<10	20	0.01	<10	<10	35	<10	43
G226401	<1	0.56	30	2.42	445	<1	0.06	44	1980	5	1.42	3	11	226	<10	<20	0.03	<10	<10	67	<10	35
G226402	<1	0.41	30	2.73	621	<1	0.03	44	1330	7	0.96	5	16	264	<10	<20	0.01	<10	<10	67	<10	77
G226403	1	0.41	40	2.17	500	1	0.02	33	890	4	1.44	3	13	191	<10	<20	0.01	<10	<10	64	<10	37
G226404	<1	0.5	60	1.71	422	<1	0.04	13	990	5	0.88	2	8	121	<10	20	0.04	<10	<10	46	<10	38
G226405	<1	0.49	30	2.56	694	2	0.19	26	920	4	1.84	<2	16	230	<10	<20	0.07	<10	<10	86	<10	43
G226406	<1	0.48	40	1.96	541	<1	0.06	33	640	4	2.12	5	12	181	<10	20	0.02	<10	<10	63	<10	34
G226407	<1	0.53	40	1.38	312	<1	0.02	16	760	7	1.06	2	7	109	<10	20	0.02	<10	<10	43	<10	30

G226408	178.2-180.2	178.2	180.2	2.0	G226408	0.015	0.3	0.6	23	<10	190	0.7	<2	1.79	<0.5	4	3	21	2.3	<10
G226409	180.2-181.4	180.2	181.4	1.2	G226409	0.125	0.3	1.53	26	<10	100	1.2	<2	2.89	<0.5	16	17	29	5.1	10
G226410	181.4-182.9	181.4	182.9	1.5	G226410	0.009	<0.2	0.77	25	<10	160	0.8	<2	3	<0.5	7	12	18	2.73	<10
G226411	182.9-183.9	182.9	183.9	1.0	G226411	<0.005	0.2	1.82	6	<10	110	0.9	<2	3.89	<0.5	18	124	66	3.65	10
G226412	183.9-185.0	183.9	185.0	1.1	G226412	0.005	<0.2	2.96	4	<10	360	0.7	<2	3.31	<0.5	26	323	30	5.28	10
G226413	185.0-186.0	185.0	186.0	1.0	G226413	<0.005	0.5	1.83	19	<10	50	0.7	<2	5.65	<0.5	23	59	330	6.08	10
G226414	186.0-187.3	186.0	187.3	1.3	G226414	0.01	0.5	2.49	64	<10	80	1.1	6	4.42	<0.5	23	81	269	4.82	10
G226415	187.3-189.5	187.3	189.5	2.2	G226415	0.009	0.5	0.93	42	<10	30	0.6	<2	7.1	<0.5	12	36	51	1.94	<10
G226416	189.5-191.5	189.5	191.5	2.0	G226416	0.013	1.4	0.92	89	<10	30	0.6	34	8.58	0.9	13	35	42	2.33	<10
G226417	191.5-193.5	191.5	193.5	2.0	G226417	0.005	0.8	1.7	107	<10	40	0.9	6	6.67	<0.5	16	99	110	3.02	10
G226418	193.5-195.0	193.5	195.0	1.5	G226418	0.035	0.8	1.52	49	<10	40	0.9	<2	8.95	<0.5	12	44	223	2.37	10
G226419	195.0-196.8	195.0	196.8	1.8	G226419	0.014	0.4	1.21	93	<10	40	0.7	<2	3.94	<0.5	12	26	147	2.3	<10
G226420	196.8-197.8	196.8	197.8	1.0	G226420	0.009	<0.2	3.25	22	<10	150	0.9	<2	1.95	<0.5	18	699	77	4.02	10
G226421	211.1-212.1	211.1	212.1	1.0	G226421	<0.005	0.2	2.84	11	<10	280	0.7	2	2.31	<0.5	17	103	31	3.91	10
G226422	212.1-213.4	212.1	213.4	1.3	G226422	0.011	5.5	1.94	273	<10	80	0.8	24	5.3	3.2	66	853	385	6.63	10
G226423	213.4-214.4	213.4	214.4	1.0	G226423	<0.005	0.2	2.33	47	<10	60	1	<2	2.4	<0.5	21	82	83	3.72	10
	EOH																			

G226408	<1	0.28	20	0.7	165	<1	0.02	3	390	5	0.89	4	2	73	<10	20	<0.01	<10	<10	10	<10	9
G226409	<1	0.66	20	2.1	420	<1	0.02	16	660	3	2.04	2	11	140	<10	<20	0.03	<10	<10	71	<10	33
G226410	1	0.22	20	1.24	293	<1	0.02	12	350	6	0.75	3	5	135	<10	20	<0.01	<10	<10	21	<10	25
G226411	<1	0.38	20	1.87	484	<1	0.11	44	780	2	0.94	2	11	191	<10	<20	0.12	<10	<10	65	<10	50
G226412	<1	1.37	20	3.48	690	<1	0.08	136	490	2	0.86	<2	15	168	<10	<20	0.1	<10	<10	87	<10	62
G226413	<1	0.26	20	1.4	482	<1	0.03	37	600	<2	3.17	4	4	145	<10	<20	0.09	<10	<10	29	<10	22
G226414	1	0.8	20	1.97	432	<1	0.02	61	590	5	1.96	3	9	182	<10	<20	0.08	<10	<10	57	<10	33
G226415	<1	0.13	10	0.83	351	1	0.02	27	490	4	0.34	8	5	141	<10	<20	0.15	<10	<10	39	<10	30
G226416	1	0.18	10	0.78	447	<1	0.01	28	480	27	0.93	11	5	194	<10	<20	0.13	<10	<10	40	<10	55
G226417	1	0.39	20	1.27	371	<1	0.05	63	360	8	1.27	9	6	147	<10	<20	0.07	<10	<10	44	<10	30
G226418	<1	0.29	20	0.98	364	<1	0.04	28	490	6	0.71	11	5	239	<10	<20	0.07	<10	<10	36	<10	34
G226419	<1	0.31	30	0.78	263	<1	0.02	14	450	5	0.97	14	3	92	<10	20	0.03	<10	<10	24	<10	21
G226420	<1	1.42	20	3.21	341	<1	0.07	174	450	3	0.79	<2	8	68	<10	<20	0.14	<10	<10	76	<10	53
G226421	<1	0.76	30	2.74	378	<1	0.07	27	880	2	0.75	4	9	84	<10	<20	0.16	<10	<10	77	<10	45
G226422	<1	0.81	10	5.21	855	<1	0.01	584	340	185	3.74	7	6	111	10	<20	0.05	<10	<10	35	<10	174
G226423	<1	0.43	50	2.26	251	<1	0.03	38	1080	4	1.16	7	7	59	<10	20	0.03	<10	<10	64	<10	30

Core Sample Intervals
Hole No: SG-09-36,
2009 Program, Nightmusic Zone, Sonora Gulch Project
Northern Tiger Resources Inc.

Sample #	Meterage	From	To	Interval		Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
					DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
G226424	5.2-7.2	5.2	7.2	2.0	G226424	0.014	0.6	0.42	43	<10	80	0.6	<2	0.88	0.5	3	8	76	1.57	<10
G226425	7.2-9.2	7.2	9.2	2.0	G226425	<0.005	0.3	0.62	21	<10	60	0.7	<2	1.05	<0.5	3	7	74	1.86	<10
G226426	9.2-11.2	9.2	11.2	2.0	G226426	0.012	0.4	0.49	89	<10	70	0.8	2	0.83	0.5	2	6	62	1.66	<10
G226427	dup	9.2	11.2	2.0	G226427	0.009	0.3	0.51	74	<10	80	0.7	<2	0.87	0.5	2	7	47	1.49	<10
G226428	std			0.0	G226428	0.286	3.2	2.03	68	<10	100	<0.5	<2	0.82	1.6	15	90	3310	4.59	10
G226429	blk			0.0	G226429	<0.005	0.3	0.19	<2	<10	20	<0.5	<2	19	<0.5	2	7	15	0.51	<10
G226430	11.2-12.4	11.2	12.4	1.2	G226430	0.015	0.4	0.55	76	<10	90	0.8	<2	0.75	<0.5	2	6	66	1.76	<10
G226431	12.4-14.1	12.4	14.1	1.7	G226431	0.020	1.4	0.76	72	<10	80	0.8	2	1.16	1.2	6	7	131	2.05	<10
G226432	14.1-16.1	14.1	16.1	2.0	G226432	0.030	0.3	1.09	20	<10	140	1	<2	1.12	0.5	3	7	61	1.54	<10
G226433	16.1-18.3	16.1	18.3	2.2	G226433	0.005	0.2	0.86	39	<10	160	0.9	<2	0.85	<0.5	2	6	30	1.44	<10
G226434	18.3-20.3	18.3	20.3	2.0	G226434	0.061	0.5	0.56	207	<10	90	0.7	<2	0.96	0.8	4	7	85	1.92	<10
G226435	20.3-22.1	20.3	22.1	1.8	G226435	0.173	1.3	0.61	629	<10	90	0.9	2	1.01	1.8	5	11	218	3.82	<10
G226436	22.1-24.1	22.1	24.1	2.0	G226436	0.083	0.6	0.67	148	<10	130	0.7	2	0.95	0.7	2	7	34	1.97	<10
G226437	24.1-26.1	24.1	26.1	2.0	G226437	0.005	0.2	0.55	10	<10	150	0.7	<2	0.96	0.9	2	7	22	1.64	<10
G226438	26.1-26.7	26.1	26.7	0.6	G226438	0.006	<0.2	0.61	22	<10	70	0.7	<2	0.91	<0.5	3	6	46	1.76	<10
G226439	26.7-28.7	26.7	28.7	2.0	G226439	0.009	0.7	2.19	57	<10	100	1.5	<2	2.17	5.1	7	24	71	2.67	10
G226440	28.7-30.7	28.7	30.2	1.5	G226440	0.094	0.5	0.81	470	<10	90	0.7	<2	1.17	<0.5	3	8	62	2	<10
G226441	30.7-31.7	30.7	31.7	1.0	G226441	0.024	0.3	0.46	229	<10	50	0.5	<2	1.02	1.8	2	7	21	1.4	<10
G226442	31.7-33.2	31.7	33.2	1.5	G226442	0.029	0.4	1.67	105	<10	50	1.8	<2	2.2	0.7	12	43	118	3.13	10
G226443	33.2-35.2	33.2	35.2	2.0	G226443	0.023	0.5	0.43	62	<10	40	0.5	<2	1.26	0.7	2	7	50	1.52	<10
G226444	35.2-37.2	35.2	37.2	2.0	G226444	0.028	0.6	1.24	51	<10	90	1.1	<2	2.06	0.9	8	14	122	2.17	<10
G226445	37.2-39.2	37.2	39.2	2.0	G226445	0.016	0.4	0.73	22	<10	90	0.7	2	1.41	1.2	5	14	74	1.98	<10
G226446	39.2-41.2	39.2	41.2	2.0	G226446	0.008	0.2	0.49	33	<10	70	0.6	<2	1.36	1.7	2	6	45	1.65	<10
G226447	41.2-43.2	41.2	43.2	2.0	G226447	0.009	0.4	0.56	28	<10	90	0.7	<2	1.49	0.7	3	6	61	2.07	<10
G226448	43.2-45.2	43.2	45.2	2.0	G226448	0.104	0.3	0.59	58	<10	40	0.8	<2	0.99	0.9	2	8	78	2.21	<10
G226449	45.2-47.2	45.2	47.2	2.0	G226449	0.086	0.4	0.5	38	<10	130	0.6	<2	1.16	0.8	2	6	51	1.85	<10
G226450	47.2-49.2	47.2	49.2	2.0	G226450	0.042	0.7	0.46	114	<10	110	0.7	<2	1.18	1.2	5	7	110	2.55	<10
G226451	49.2-51.2	49.2	51.2	2.0	G226451	0.050	0.6	0.41	267	<10	60	0.7	<2	1.07	1.5	3	6	71	1.68	<10
G226452	51.2-53.2	51.2	53.2	2.0	G226452	0.032	0.7	0.42	27	<10	120	0.6	<2	0.97	<0.5	4	7	101	2.13	<10
G226453	53.2-55.2	53.2	55.2	2.0	G226453	0.075	0.4	0.48	43	<10	80	0.7	<2	1.18	<0.5	2	7	30	1.75	<10
G226454	55.2-57.4	55.2	57.4	2.2	G226454	0.021	0.4	0.45	60	<10	90	0.5	<2	1.16	0.5	2	7	38	1.93	<10
G226455	57.4-59.4	57.4	59.4	2.0	G226455	0.018	1.4	0.49	143	<10	100	0.8	2	1.42	4.2	6	6	217	2.52	<10
G226456	59.4-61.4	59.4	61.4	2.0	G226456	0.043	0.6	0.45	29	<10	90	0.7	<2	1.17	4.3	4	6	80	1.92	<10
G226457	61.4-63.4	61.4	63.4	2.0	G226457	0.006	0.5	0.51	13	<10	160	0.6	<2	1.13	0.8	3	8	64	1.64	<10
G226458	63.4-65.4	63.4	65.4	2.0	G226458	0.590	0.5	1.45	33	<10	100	1.3	<2	1.84	0.9	7	20	95	2.74	<10
G226459	65.4-67.4	65.4	67.4	2.0	G226459	0.104	1.1	0.45	61	<10	120	0.6	<2	1.38	1.8	4	10	142	2.14	<10
G226460	67.4-69.4	67.4	69.4	2.0	G226460	0.015	0.6	0.47	93	<10	70	0.7	<2	1.4	2.6	5	6	82	1.93	<10
G226461	69.4-71.0	69.4	71	1.6	G226461	0.014	0.5	0.56	163	<10	80	0.9	2	1.38	0.7	5	6	95	1.88	<10
G226462	71.0-72.2	71.0	72.2	1.2	G226462	0.109	5.6	0.53	580	<10	30	0.9	12	3.23	15.7	11	3	209	4.26	<10
G226463	dup	71.0	72.2	1.2	G226463	0.069	5.5	0.51	345	<10	20	0.9	11	2.33	10.1	13	3	166	3.35	<10
G226464	std			0.0	G226464	0.294	3.1	2.07	69	<10	100	<0.5	<2	0.85	1.7	15	93	3340	4.64	10
G226465	blk			0.0	G226465	<0.005	0.4	0.26	7	<10	30	<0.5	<2	19.1	<0.5	2	8	20	0.53	<10
G226466	72.2-74.2	72.2	74.2	2.0	G226466	<0.005	0.4	0.55	33	<10	30	0.9	<2	1.71	1.6	2	3	51	1.55	<10
G226467	74.2-76.2	74.2	76.2	2.0	G226467	0.006	0.5	0.55	53	<10	30	0.8	<2	1.95	1	3	4	51	1.48	<10
G226468	76.2-78.2	76.2	78.2	2.0	G226468	0.007	0.4	0.54	55	<10	30	0.5	<2	1.74	<0.5	3	5	66	1.63	<10
G226469	78.2-80.0	78.2	80.0	1.8	G226469	0.013	0.5	0.95	21	<10	110	0.6	<2	1.24	<0.5	7	7	133	2.31	<10
G226470	80.0-81.2	80.0	81.2	1.2	G226470	0.062	0.7	2.33	23	<10	30	0.7	<2	2.29	<0.5	23	51	156	4.18	10
G226471	88.0-89.0	88.0	89.0	1.0	G226471	0.019	0.6	3.09	15	<10	30	0.7	<2	2.08	<0.5	26	53	186	4.41	10
G226472	89.0-91.0	89.0	91.0	2.0	G226472	0.142	1	2.55	51	<10	100	1.5	2	5.86	<0.5	21	177	291	4.3	10
G226473	91.0-93.0	91.0	93.0	2.0	G226473	0.018	1	2.89	121	<10	70	1.3	<2	5.68	<0.5	26	153	243	5.21	10
G226474	93.0-93.8	93.0	93.8	0.8	G226474	0.012	0.5	2.77	34	<10	20	1.5	<2	6.53	<0.5	20	89	79	4.42	10
G226475	93.8-95.7	93.8	95.7	1.9	G226475	0.008	0.3	0.57	52	<10	30	0.5	<2	2.11	<0.5	3	3	53	1.35	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
G226424	<1	0.27	20	0.15	101	37	0.05	3	90	4	0.81	2	<1	20	<10	20	<0.01	<10	<10	1	<10	27
G226425	<1	0.29	30	0.36	117	36	0.04	1	100	3	0.88	<2	1	26	<10	20	<0.01	<10	<10	2	<10	18
G226426	<1	0.29	30	0.27	96	18	0.06	1	90	4	0.69	3	1	22	<10	20	<0.01	<10	<10	1	<10	26
G226427	<1	0.3	30	0.29	101	17	0.06	1	100	3	0.64	2	<1	24	<10	20	<0.01	<10	<10	1	<10	27
G226428	<1	0.16	10	0.96	764	36	0.07	152	670	90	0.87	2	5	40	<10	<20	0.14	<10	<10	64	10	344
G226429	<1	0.1	<10	11.65	225	<1	0.01	2	270	3	<0.01	<2	1	49	<10	<20	0.01	<10	<10	5	<10	16
G226430	1	0.33	40	0.27	103	59	0.06	1	100	3	0.7	<2	1	22	<10	20	<0.01	<10	<10	2	<10	19
G226431	<1	0.43	40	0.57	140	105	0.04	2	90	34	0.74	4	1	40	<10	20	0.01	<10	10	4	<10	67
G226432	<1	0.48	40	0.66	110	30	0.09	1	100	4	0.65	3	1	38	<10	20	0.02	<10	<10	3	<10	28
G226433	<1	0.45	40	0.5	89	20	0.05	1	80	4	0.72	4	1	52	<10	20	0.01	<10	<10	2	<10	21
G226434	<1	0.33	30	0.24	115	10	0.04	2	120	2	0.84	5	1	30	<10	20	<0.01	<10	<10	2	<10	41
G226435	1	0.45	30	0.31	150	7	0.03	4	170	6	1.88	5	1	38	<10	20	<0.01	<10	<10	3	<10	86
G226436	<1	0.43	30	0.29	95	9	0.05	1	90	7	1.18	2	<1	34	<10	20	<0.01	<10	<10	1	<10	39
G226437	<1	0.32	30	0.34	107	7	0.05	1	100	3	1	2	<1	28	<10	20	<0.01	<10	<10	1	<10	31
G226438	<1	0.35	30	0.32	118	23	0.04	1	110	4	1.05	4	1	25	<10	20	<0.01	<10	<10	3	<10	26
G226439	<1	0.81	30	1.34	247	16	0.16	13	510	80	0.75	3	5	94	<10	20	0.09	<10	<10	29	<10	221
G226440	<1	0.48	30	0.45	102	22	0.05	2	140	4	1.36	4	1	29	<10	20	0.01	<10	<10	4	<10	22
G226441	<1	0.29	20	0.21	89	17	0.04	1	100	4	0.94	<2	<1	22	<10	20	<0.01	<10	<10	1	<10	61
G226442	<1	0.46	30	0.93	186	15	0.06	33	420	4	1.29	3	7	97	<10	<20	0.05	<10	<10	39	<10	58
G226443	<1	0.28	30	0.16	85	14	0.04	1	110	5	1.09	5	<1	26	<10	20	<0.01	<10	<10	1	<10	30
G226444	1	0.46	30	0.74	141	113	0.07	7	390	4	1.4	3	2	47	<10	<20	0.01	<10	<10	8	<10	46
G226445	<1	0.4	30	0.36	99	52	0.05	5	220	3	1.55	<2	1	34	<10	20	0.01	<10	<10	8	<10	46
G226446	<1	0.31	30	0.17	100	36	0.05	1	90	4	1.22	2	<1	28	<10	20	<0.01	<10	<10	1	<10	56
G226447	1	0.34	30	0.25	106	46	0.04	<1	90	2	1.36	<2	<1	34	<10	20	<0.01	<10	10	1	<10	45
G226448	<1	0.41	20	0.22	124	38	0.02	<1	40	5	1.39	2	1	21	<10	30	<0.01	<10	<10	1	<10	53
G226449	<1	0.34	30	0.14	104	38	0.04	1	70	3	1.29	<2	<1	22	<10	20	<0.01	<10	<10	1	<10	34
G226450	<1	0.31	20	0.19	159	36	0.03	3	70	10	1.74	2	<1	32	<10	20	<0.01	<10	<10	2	<10	54
G226451	<1	0.29	20	0.17	119	29	0.03	1	60	8	1.1	<2	<1	28	<10	30	<0.01	<10	<10	1	<10	59
G226452	<1	0.32	20	0.09	109	30	0.03	1	60	5	1.57	4	<1	35	<10	20	<0.01	<10	<10	1	<10	21
G226453	<1	0.34	20	0.14	97	23	0.02	<1	40	2	1.41	2	<1	28	<10	30	<0.01	<10	<10	1	<10	14
G226454	<1	0.3	20	0.14	108	47	0.04	1	80	3	1.53	4	<1	41	<10	20	<0.01	<10	<10	1	<10	21
G226455	<1	0.31	20	0.26	223	30	0.03	1	80	60	2.01	4	<1	44	<10	20	<0.01	<10	<10	1	<10	182
G226456	<1	0.29	30	0.21	110	11	0.04	1	80	5	1.24	2	<1	34	<10	20	<0.01	<10	<10	1	<10	160
G226457	1	0.34	30	0.17	105	8	0.05	1	80	4	1.05	3	<1	32	<10	20	<0.01	<10	<10	1	<10	35
G226458	1	0.49	30	0.69	150	9	0.14	8	480	5	1.43	3	4	68	<10	20	0.07	<10	<10	30	<10	51
G226459	<1	0.31	20	0.18	103	9	0.04	1	90	7	1.68	3	<1	35	<10	20	<0.01	<10	<10	2	<10	73
G226460	<1	0.3	20	0.25	116	21	0.04	2	140	4	1.33	3	1	38	<10	20	<0.01	<10	<10	4	<10	117
G226461	<1	0.37	20	0.39	148	28	0.01	2	110	16	1.28	3	1	38	<10	20	<0.01	<10	<10	3	<10	35
G226462	<1	0.29	20	1.23	437	6	0.01	1	70	163	4.06	7	1	86	<10	20	<0.01	<10	<10	3	<10	828
G226463	<1	0.29	20	0.89	313	7	0.01	1	80	210	3.14	4	1	65	<10	20	<0.01	<10	<10	2	<10	559
G226464	1	0.17	10	0.97	769	39	0.08	154	670	91	0.9	5	5	42	<10	<20	0.14	<10	<10	67	10	349
G226465	<1	0.15	<10	11.7	230	<1	0.01	2	250	3	<0.01	<2	1	51	<10	<20	0.01	<10	<10	5	<10	19
G226466	1	0.34	30	0.43	125	8	0.02	<1	80	14	1.04	6	1	39	<10	20	<0.01	<10	<10	1	<10	64
G226467	<1	0.3	30	0.45	113	7	0.04	<1	90	8	0.89	4	1	35	<10	20	<0.01	<10	<10	2	<10	48
G226468	<1	0.24	30	0.24	92	3	0.04	<1	80	4	1.19	5	<1	28	<10	20	<0.01	<10	<10	2	<10	10
G226469	<1	0.24	30	0.6	118	4	0.07	1	80	2	1.65	2	1	31	<10	20	0.01	<10	<10	10	<10	19
G226470	<1	0.34	10	1.78	199	5	0.27	17	320	3	3.51	<2	13	70	<10	<20	0.13	<10	<10	67	<10	26
G226471	<1	0.33	<10	1.82	213	20	0.42	25	260	<2	3.23	<2	14	112	<10	<20	0.18	<10	<10	125	<10	27
G226472	<1	0.57	20	2.4	438	14	0.05	92	1190	4	2.49	<2	12	188	<10	<20	0.06	<10	<10	97	<10	34
G226473	<1	0.74	10	2.65	639	10	0.08	66	1040	5	2.92	5	19	170	<10	<20	0.09	<10	<10	129	<10	46
G226474	<1	0.24	10	2.02	615	16	0.08	30	410	3	1.83	<2	22	127	<10	<20	0.05	<10	<10	122	<10	51
G226475	<1	0.29	20	0.23	149	71	0.02	1	80	3	0.83	4	<1	82	<10	20	<0.01	<10	<10	2	<10	16

G226476	95.7-97.7	95.7	97.7	2.0	G226476	0.005	0.2	0.52	25	<10	40	<0.5	<2	1.82	<0.5	3	4	48	1.17	<10
G226477	97.7-98.4	97.7	98.4	0.7	G226477	<0.005	0.5	0.6	18	<10	30	0.6	<2	2.77	<0.5	7	2	111	1.82	<10
G226478	98.4-100.1	98.4	100.1	1.7	G226478	0.038	0.5	0.77	433	<10	40	0.6	<2	2.57	<0.5	8	5	107	2.63	<10
G226479	100.1-102.4	100.1	102.4	2.3	G226479	0.015	0.2	0.85	138	<10	40	0.6	<2	2.79	<0.5	8	6	73	2.59	<10
G226480	102.4-103.9	102.4	103.9	1.5	G226480	0.012	0.6	1.61	128	<10	50	1.4	<2	5.52	<0.5	23	134	78	4.68	10
G226481	103.9-104.5	103.9	104.5	0.6	G226481	0.025	0.6	0.64	280	<10	50	0.7	<2	3.52	1.7	7	13	82	1.99	<10
G226482	104.5-105.5	104.5	105.5	1.0	G226482	0.006	0.3	2.12	47	<10	90	1.4	<2	2.81	<0.5	17	101	112	3.17	10
G226483	105.5-106.6	105.5	106.6	1.1	G226483	0.007	0.3	3.16	37	<10	80	1.3	<2	3.17	<0.5	23	50	202	5.39	10
G226484	106.6-108.7	106.6	108.7	2.1	G226484	0.008	0.2	0.77	95	<10	40	0.8	<2	1.56	<0.5	3	5	52	1.81	<10
G226485	108.7-109.6	108.7	109.6	0.9	G226485	<0.005	0.3	0.86	115	<10	40	0.9	<2	2.37	1.2	4	5	58	1.81	<10
G226486	109.6-111.3	109.6	111.3	1.7	G226486	0.011	0.5	3.8	169	<10	90	1.3	<2	3.61	<0.5	22	109	237	3.03	<10
G226487	111.3-113.3	111.3	113.3	2.0	G226487	0.005	<0.2	0.6	17	<10	50	0.6	<2	1.6	<0.5	2	4	63	1.52	<10
G226488	113.3-115.3	113.3	115.3	2.0	G226488	0.051	0.6	0.58	147	<10	50	0.7	<2	1.48	<0.5	4	5	108	1.69	<10
G226489	115.3-117.3	115.3	117.3	2.0	G226489	0.031	0.4	0.67	232	10	60	0.6	8	1.15	<0.5	3	5	52	1.4	<10
G226490	117.3-119.3	117.3	119.3	2.0	G226490	0.006	0.6	0.75	29	<10	90	0.7	2	1.4	<0.5	2	4	39	1.43	<10
G226491	119.3-121.3	119.3	121.3	2.0	G226491	0.013	<0.2	0.72	74	<10	80	0.7	2	1.68	<0.5	3	5	87	1.75	<10
G226492	121.3-123.3	121.3	123.3	2.0	G226492	0.058	0.4	0.83	346	<10	70	0.7	<2	1.71	<0.5	3	6	57	1.59	<10
G226493	123.3-125.3	123.3	125.3	2.0	G226493	0.034	0.6	0.97	115	<10	60	0.8	<2	1.66	1	4	5	134	1.76	<10
G226494	125.3-127.3	125.3	127.3	2.0	G226494	0.555	1.5	0.64	2400	<10	60	0.6	22	1.42	0.5	7	8	61	1.61	<10
G226495	127.3-128.9	127.3	128.9	1.6	G226495	0.007	<0.2	0.69	38	<10	60	0.6	2	1.91	<0.5	4	5	80	1.56	<10
G226496	128.9-130.7	128.9	130.7	1.8	G226496	0.019	0.5	2.33	346	<10	70	1.4	2	4.4	3.8	17	22	273	3.29	10
G226497	130.7-131.6	130.7	131.6	0.9	G226497	<0.005	0.3	0.8	143	10	40	0.8	<2	1.96	<0.5	6	12	101	2.01	<10
G226498	131.6-132.4	131.6	132.4	0.8	G226498	0.022	0.3	0.82	450	30	50	1	<2	2.61	0.9	7	5	81	2.18	<10
G226499	dup	131.6	132.4	0.8	G226499	0.013	0.6	0.72	648	30	40	1	2	2.73	<0.5	9	6	112	2.4	<10
G226500	std			0.0	G226500	0.309	3.1	2.03	66	<10	100	<0.5	2	0.8	1.7	15	94	3410	4.57	<10
G227501	blk			0.0	G226501	<0.005	<0.2	0.33	3	<10	40	<0.5	<2	19.5	<0.5	1	11	12	0.51	<10
G227502	132.4-134.4	132.4	134.4	2.0	G226502	0.019	0.3	0.76	355	20	110	1.1	4	7.02	<0.5	7	11	108	2.5	<10
G227503	134.4-136.4	134.4	136.4	2.0	G226503	0.013	0.2	0.64	169	30	170	0.9	2	9.5	<0.5	3	6	48	2.6	<10
G227504	136.4-137.2	136.4	137.2	0.8	G226504	0.077	0.8	1.54	512	10	180	2.8	2	8.42	0.5	12	70	172	2.2	<10
G227505	137.2-138.2	137.2	138.2	1.0	G226505	0.048	0.7	0.53	1060	10	110	1.4	5	16.7	<0.5	4	34	50	2.76	<10
G227506	138.2-139.8	138.2	139.8	1.6	G226506	0.064	0.7	1	927	20	50	1.2	<2	9.59	2.3	12	34	133	3.14	10
G227507	139.8-141.0	139.8	141	1.2	G226507	0.016	<0.2	1.21	104	30	70	1.1	3	7.52	<0.5	14	29	50	3.52	<10
G227508	141.0-143.0	141	143	2.0	G226508	0.014	<0.2	1.33	67	10	40	0.8	<2	3.53	<0.5	13	29	31	3.05	<10
G227509	143.0-145.0	143	145	2.0	G226509	0.056	0.5	1.73	107	<10	140	0.6	<2	3.44	6	15	35	129	3.17	<10
G227510	145.0-147.0	145	147	2.0	G226510	0.010	<0.2	0.96	66	10	330	0.5	2	3.56	<0.5	5	9	40	2.15	<10
G227511	147.0-148.1	147	148.1	1.1	G226511	0.023	0.3	1.05	114	30	480	0.7	2	5.02	1	11	35	90	3	<10
G227512	148.1-150.1	148.1	150.1	2.0	G226512	0.014	<0.2	1.6	67	10	360	0.9	<2	4.45	<0.5	12	58	51	3.18	<10
G227513	150.1-151.6	150.1	151.6	1.5	G226513	<0.005	<0.2	1.17	16	<10	180	0.8	2	3.72	<0.5	10	10	67	2.97	<10
G227514	151.6-153.6	151.6	153.6	2.0	G226514	0.012	<0.2	2.08	37	<10	100	1.1	2	4.69	<0.5	16	39	92	3.86	10
G227515	153.6-154.6	153.6	154.6	1.0	G226515	0.016	0.2	1.99	55	<10	190	1.1	<2	6.96	<0.5	18	49	84	4.13	10
G227516	154.6-156.5	154.6	156.5	1.9	G226516	0.043	<0.2	1.23	116	<10	380	0.5	17	3.39	<0.5	14	34	68	4.1	<10
G227517	156.5-157.6	156.5	157.6	1.1	G226517	0.007	<0.2	1.71	38	<10	540	0.8	<2	3.68	<0.5	11	39	39	3.42	10
G227518	157.6-159.5	157.6	159.5	1.9	G226518	0.008	<0.2	1.51	126	<10	160	1.2	<2	4.67	<0.5	18	106	43	3.97	<10
G227519	159.5-161.5	159.5	161.5	2.0	G226519	0.011	<0.2	1.34	302	<10	480	1	2	4.68	<0.5	15	69	93	3.59	<10
G227520	161.5-163.5	161.5	163.5	2.0	G226520	<0.005	<0.2	1.26	55	<10	110	1.1	2	4.25	<0.5	15	137	45	3.82	<10
G227521	163.5-165.5	163.5	165.5	2.0	G226521	<0.005	<0.2	1.51	7	<10	110	0.7	2	2.68	<0.5	13	23	45	3.77	10
G227522	165.5-167.5	165.5	167.5	2.0	G226522	<0.005	<0.2	1.21	56	<10	140	1.1	3	4.54	<0.5	14	35	40	3.53	<10
G227523	167.5-168.1	167.5	168.1	0.6	G226523	0.013	0.2	1.42	124	10	100	1.2	<2	5.58	<0.5	14	52	127	3.74	10
G227524	168.1-170.1	168.1	170.1	2.0	G226524	0.005	<0.2	1.66	69	<10	100	0.9	3	3.9	<0.5	18	288	96	3.91	10
G227525	170.1-171.6	170.1	171.6	1.5	G226525	0.006	<0.2	1.59	101	<10	110	1.2	4	4.76	<0.5	18	114	117	3.93	10
G227526	171.6-173.6	171.6	173.6	2.0	G226526	0.006	<0.2	1.28	160	<10	30	0.9	<2	5.07	<0.5	16	28	75	3.98	<10
G227527	173.6-175.6	173.6	175.6	2.0	G226527	0.010	<0.2	1.09	188	20	440	1.1	<2	8.7	0.8	11	44	56	3.66	<10
G227528	175.6-177.6	175.6	177.6	2.0	G226528	0.005	<0.2	1.28	196	20	130	1.2	<2	7.3	<0.5	21	125	58	3.5	10
G227529	177.6-178.2	177.6	178.2	0.6	G226529	<0.005	<0.2	1.96	18	<10	80	1.2	<2	3.12	<0.5	15	32	37	3.45	10
G227530	178.2-179.7	178.2	179.7	1.5	G226530	0.007	<0.2	2.95	22	<10	260	1	<2	5.19	<0.5	23	154	30	4.53	10
G227531	179.7-181.4	179.7	181.4	1.7	G226531	<0.005	0.6	2.64	18	<10	210	1.2	3	6.25	<0.5	22	90	52	5.28	10
	EOH																			

G226476	<1	0.3	20	0.24	134	10	0.02	1	70	3	0.55	2	<1	36	<10	20	<0.01	<10	<10	2	<10	14
G226477	<1	0.33	20	0.48	204	5	0.01	1	60	4	0.92	<2	1	51	<10	20	<0.01	<10	<10	3	<10	26
G226478	1	0.38	20	0.57	124	48	0.04	5	580	3	2.05	3	2	78	<10	<20	<0.01	<10	<10	13	<10	17
G226479	<1	0.37	20	0.7	226	19	0.05	5	570	5	2.1	4	3	107	<10	<20	<0.01	<10	<10	15	<10	16
G226480	<1	0.43	10	2.03	578	<1	0.1	89	1180	4	3.81	2	14	226	<10	<20	0.04	<10	<10	81	<10	37
G226481	1	0.36	30	0.82	416	1	0.02	12	250	20	1.11	6	2	101	<10	20	<0.01	<10	<10	8	<10	96
G226482	<1	0.51	20	1.16	269	4	0.28	78	1160	3	1.43	3	7	117	<10	20	0.19	<10	<10	68	<10	33
G226483	<1	0.54	20	1.57	370	<1	0.36	30	940	6	2.97	2	8	125	<10	<20	0.22	<10	<10	60	<10	43
G226484	<1	0.28	30	0.43	155	<1	0.02	2	130	5	0.93	5	1	57	<10	20	<0.01	<10	<10	4	<10	27
G226485	<1	0.25	30	0.42	177	<1	0.04	4	120	6	0.87	3	1	87	<10	20	<0.01	<10	<10	4	<10	60
G226486	<1	0.18	10	0.98	236	7	0.69	89	820	2	1.6	2	8	189	<10	<20	0.19	<10	<10	64	<10	27
G226487	<1	0.3	30	0.17	90	<1	0.06	1	100	4	0.85	3	1	35	<10	20	<0.01	<10	<10	2	<10	16
G226488	<1	0.32	30	0.19	95	4	0.04	2	100	5	1.07	3	1	45	<10	20	<0.01	<10	<10	1	<10	16
G226489	<1	0.42	20	0.2	137	43	0.02	1	70	5	0.74	2	<1	38	<10	20	<0.01	<10	<10	1	<10	17
G226490	<1	0.43	20	0.14	108	7	0.07	1	80	5	0.75	<2	<1	50	<10	20	<0.01	<10	<10	1	<10	7
G226491	<1	0.39	30	0.13	98	7	0.07	<1	90	3	1.07	<2	1	42	<10	20	<0.01	<10	<10	1	<10	12
G226492	<1	0.44	30	0.13	101	4	0.04	1	90	2	0.99	<2	<1	49	<10	20	<0.01	<10	<10	1	<10	12
G226493	<1	0.38	30	0.28	118	1	0.07	1	90	2	0.93	<2	1	63	<10	20	<0.01	<10	<10	1	<10	49
G226494	<1	0.39	20	0.14	98	46	0.04	3	80	9	0.92	2	<1	38	10	20	<0.01	<10	<10	2	<10	28
G226495	<1	0.39	30	0.2	102	2	0.05	2	90	3	0.83	<2	1	45	<10	20	<0.01	<10	<10	2	<10	19
G226496	1	0.31	20	1.07	297	2	0.23	18	430	3	1.57	6	12	147	<10	<20	0.04	<10	<10	49	<10	175
G226497	<1	0.33	30	0.57	173	<1	0.02	13	240	2	1.01	3	3	167	<10	20	<0.01	<10	<10	9	<10	20
G226498	<1	0.39	20	0.88	255	2	0.02	7	160	3	0.9	5	3	92	<10	<20	<0.01	<10	<10	7	<10	40
G226499	<1	0.35	20	0.9	273	<1	0.02	11	210	4	1.05	8	5	90	<10	<20	<0.01	<10	<10	9	<10	27
G226500	<1	0.16	10	0.95	762	38	0.08	158	650	93	0.87	5	5	40	<10	<20	0.12	<10	<10	62	10	341
G226501	<1	0.17	10	11.45	219	<1	0.02	7	260	<2	<0.01	<2	1	52	<10	<20	0.01	<10	<10	7	<10	18
G226502	<1	0.28	10	2.61	585	<1	0.02	12	300	2	1.01	12	5	263	<10	<20	<0.01	<10	<10	19	<10	25
G226503	<1	0.25	10	4	705	<1	0.02	6	200	3	0.69	7	2	311	<10	<20	<0.01	<10	<10	10	<10	12
G226504	<1	0.36	10	2.73	606	2	0.02	100	390	12	0.72	37	7	304	<10	<20	<0.01	<10	<10	31	<10	55
G226505	<1	0.15	10	6.77	1270	1	0.03	32	550	4	0.41	25	3	372	<10	<20	<0.01	<10	<10	21	<10	18
G226506	<1	0.27	10	3.43	831	3	0.02	31	410	53	1.53	36	6	239	<10	<20	<0.01	<10	<10	21	<10	244
G226507	<1	0.32	20	3.08	563	1	0.02	15	850	8	0.76	14	14	121	<10	<20	<0.01	<10	<10	64	<10	59
G226508	<1	0.27	20	1.25	327	<1	0.01	42	430	7	0.49	3	9	104	<10	<20	<0.01	<10	<10	34	<10	34
G226509	<1	0.22	20	1.23	331	<1	0.01	41	370	6	0.58	4	10	74	<10	<20	<0.01	<10	<10	37	<10	338
G226510	<1	0.3	20	1.39	257	<1	0.01	13	200	11	0.45	6	3	87	<10	20	<0.01	<10	<10	10	<10	34
G226511	<1	0.33	10	2.03	437	<1	0.01	34	330	15	0.57	6	12	115	<10	<20	<0.01	<10	<10	42	<10	106
G226512	<1	0.19	50	1.62	382	1	0.01	50	750	8	0.5	6	8	101	<10	20	<0.01	<10	<10	34	<10	40
G226513	<1	0.31	60	1.33	307	<1	0.05	10	830	5	0.83	2	5	132	<10	20	0.01	<10	<10	23	<10	28
G226514	<1	0.52	40	1.81	433	<1	0.04	37	680	7	0.96	4	9	178	<10	20	0.03	<10	<10	51	<10	40
G226515	<1	0.37	50	1.86	636	<1	0.01	50	330	6	0.54	6	11	212	<10	20	0.02	<10	<10	50	<10	55
G226516	<1	0.22	30	1.4	422	<1	0.01	44	180	6	1.04	8	9	87	<10	<20	<0.01	<10	<10	33	<10	28
G226517	<1	0.16	40	1.4	386	<1	0.01	23	590	5	0.71	2	9	143	<10	20	<0.01	<10	<10	35	<10	33
G226518	<1	0.2	30	1.98	578	<1	0.01	52	770	5	0.47	8	15	181	<10	<20	<0.01	<10	<10	59	<10	61
G226519	<1	0.17	30	1.78	509	1	0.01	37	680	6	0.62	9	13	115	<10	<20	<0.01	<10	<10	49	<10	55
G226520	<1	0.32	40	2.02	508	1	0.06	56	1100	4	0.58	3	10	186	<10	<20	0.04	<10	<10	51	<10	48
G226521	<1	0.45	50	1.39	446	1	0.08	12	1040	3	0.77	2	5	121	<10	20	0.09	<10	<10	41	<10	38
G226522	<1	0.34	30	1.84	485	<1	0.02	28	550	7	0.61	3	9	173	<10	20	0.01	<10	<10	35	<10	42
G226523	<1	0.37	30	2.28	461	<1	0.03	58	420	14	1.19	9	8	248	<10	<20	0.01	<10	<10	33	<10	68
G226524	<1	0.67	30	2.3	450	<1	0.06	158	390	5	1.09	4	9	157	<10	<20	0.03	<10	<10	43	<10	42
G226525	<1	0.64	40	2.1	541	<1	0.06	50	570	2	1.36	9	11	150	<10	20	0.03	<10	<10	58	<10	43
G226526	<1	0.24	20	1.86	394	<1	0.01	30	710	7	1.79	8	10	173	<10	<20	<0.01	<10	<10	41	<10	25
G226527	1	0.27	20	3.7	544	3	0.02	42	640	26	0.84	6	9	335	<10	<20	<0.01	<10	<10	39	<10	124
G226528	<1	0.34	40	2.97	521	<1	0.01	101	2930	13	0.76	8	14	226	<10	<20	<0.01	<10	<10	70	<10	75
G226529	<1	0.51	70	1.54	384	1	0.02	25	1080	7	0.74	3	7	94	<10	20	0.02	<10	<10	39	<10	28
G226530	<1	1.3	40	2.68	619	<1	0.05	60	1360	4	0.51	4	11	172	<10	<20	0.17	<10	<10	94	<10	59
G226531	<1	0.71	40	3	803	1	0.05	33	1110	3	1.16	4	14	241	<10	<20	0.08	<10	<10	97	<10	54

Core Sample Intervals

Hole No: SG-09-37

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

Sample #	Meterage	From	To	Interval		Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
					DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
G227532	7.3-9.1	7.3	9.1	1.8	G226532	0.047	1.4	1.08	28	<10	100	0.6	<2	1.83	0.8	16	16	482	3.31	10
G227533	9.1-10.7	9.1	10.7	1.6	G226533	0.040	1.3	0.42	24	<10	140	<0.5	2	2.02	<0.5	9	9	401	2.04	<10
G227534	dup	9.1	10.7	1.6	G226534	0.044	1.1	0.41	35	<10	260	<0.5	<2	2.02	<0.5	9	9	338	2.01	<10
G227535	std			0.0	G226535	0.969	3.7	1.18	63	<10	180	<0.5	8	0.71	2.5	13	62	3370	3.93	<10
G227536	blk			0.0	G226536	<0.005	<0.2	0.37	<2	<10	50	<0.5	<2	19.8	<0.5	1	12	12	0.52	<10
G227537	10.7-12.4	10.7	12.4	1.7	G226537	0.038	1	0.53	21	<10	100	0.5	<2	1.27	<0.5	9	11	340	2.22	<10
G227538	12.4-13.9	12.4	13.9	1.5	G226538	0.031	2.6	0.4	54	<10	160	0.5	<2	1.16	0.5	9	4	515	1.77	<10
G227539	13.9-15.1	13.9	15.1	1.2	G226539	0.150	3.4	0.4	89	<10	110	0.5	<2	0.99	0.5	30	6	1140	2.84	<10
G227540	15.1-17.1	15.1	17.1	2.0	G226540	0.034	1	0.31	32	<10	120	<0.5	<2	1.07	<0.5	8	8	294	1.61	<10
G227541	17.1-18.9	17.1	18.9	1.8	G226541	0.038	1.2	0.33	20	<10	160	0.5	3	0.98	<0.5	6	12	252	1.29	<10
G227542	18.9-20.8	18.9	20.8	1.9	G226542	0.018	0.8	0.32	18	<10	90	<0.5	2	1.08	<0.5	6	7	217	1.37	<10
G227543	20.8-21.25	20.8	21.25	0.4	G226543	0.032	1.3	0.96	62	<10	100	0.8	4	2.35	<0.5	11	19	460	2.67	<10
G227544	21.25-22.9	21.25	22.9	1.7	G226544	0.056	0.7	0.41	20	<10	250	<0.5	<2	0.99	<0.5	9	12	379	1.85	<10
G227545	22.9-24.9	22.9	24.9	2.0	G226545	0.037	1.1	0.4	20	<10	150	<0.5	2	0.9	<0.5	10	8	521	1.92	<10
G227546	24.9-25.7	24.9	25.7	0.8	G226546	0.020	0.9	0.66	31	<10	80	0.8	2	1.78	<0.5	9	6	287	1.69	<10
G227547	25.7-27.1	25.7	27.1	1.4	G226547	0.034	1.3	1.29	18	<10	270	0.7	20	3.78	<0.5	9	30	448	2.59	<10
G227548	27.1-28.4	27.1	28.4	1.3	G226548	0.023	0.8	0.5	71	<10	50	0.8	<2	1.94	<0.5	8	4	317	2.02	<10
G227549	28.4-30.1	28.4	30.1	1.7	G226549	0.029	0.8	0.62	18	<10	140	0.7	<2	0.71	0.5	9	7	439	2.44	<10
G227550	30.1-30.8	30.1	30.8	0.7	G226550	0.024	0.9	0.45	25	<10	70	0.5	3	0.98	<0.5	7	5	358	2.22	<10
G227551	30.8-32.8	30.8	32.8	2.0	G226551	0.030	0.4	0.43	38	<10	40	0.5	<2	1.3	<0.5	7	5	233	1.72	<10
G227552	32.8-34.8	32.8	34.8	2.0	G226552	0.045	1	0.43	50	<10	50	0.6	<2	1.2	<0.5	8	5	351	1.9	<10
G227553	34.8-36.8	34.8	36.8	2.0	G226553	0.023	0.9	0.45	101	<10	50	0.8	<2	1.9	<0.5	7	5	226	1.83	<10
G227554	36.8-38.8	36.8	38.8	2.0	G226554	0.029	0.7	0.39	34	<10	70	0.5	2	1.19	<0.5	6	6	251	1.6	<10
G227555	38.8-39.8	38.8	39.8	1.0	G226555	0.044	1.1	0.39	237	10	90	0.6	2	1.71	0.5	4	3	146	1.76	<10
G227556	39.8-41.3	39.8	41.3	1.5	G226556	0.035	2.5	0.47	106	10	30	0.7	3	2.12	0.7	7	2	551	2.32	<10
G227557	41.3-43.3	41.3	43.3	2.0	G226557	0.018	0.8	0.42	248	<10	40	0.5	2	1.27	<0.5	5	3	188	1.45	<10
G227558	43.3-45.3	43.3	45.3	2.0	G226558	0.053	1.4	0.39	62	<10	60	0.5	4	1.17	<0.5	6	4	269	1.7	<10
G227559	45.3-46.95	45.3	46.95	1.7	G226559	0.028	1.7	0.6	46	<10	70	0.6	<2	1.19	<0.5	11	6	487	2.41	<10
G227560	46.95-48.8	46.95	48.8	1.8	G226560	0.052	1.8	1.46	47	10	100	0.9	2	1.77	<0.5	19	53	869	4.37	<10
G227561	48.8-50.3	48.8	50.3	1.5	G226561	0.023	0.7	0.6	48	<10	40	0.8	2	2.16	<0.5	10	9	258	2.18	<10
G227562	50.3-52.1	50.3	52.1	1.8	G226562	0.054	1.7	0.42	971	<10	350	0.5	2	1.33	1.6	5	3	197	1.41	<10
G227563	52.1-53.1	52.1	53.1	1.0	G226563	0.126	1.9	0.49	908	10	30	0.5	4	1.06	0.5	6	4	373	1.68	<10
G227564	53.1-54.3	53.1	54.3	1.2	G226564	0.018	0.6	0.6	26	<10	30	0.7	<2	1.05	<0.5	7	4	213	1.78	<10
G227565	54.3-55.8	54.3	55.8	1.5	G227565	0.034	0.9	0.38	427	<10	30	0.5	<2	1.1	<0.5	7	6	167	1.5	<10
G227566	55.8-56.8	55.8	56.8	1.0	G227566	0.014	0.4	0.35	38	10	30	<0.5	<2	0.99	<0.5	6	3	132	1.51	<10
G227567	56.8-58.8	56.8	58.8	2.0	G227567	0.073	1.5	0.51	889	<10	30	0.6	<2	2.4	2.3	10	6	205	2.35	<10
G227568	58.8-59.5	58.8	59.5	0.7	G227568	0.341	2.6	0.28	8210	<10	70	0.6	4	8.8	7.8	9	7	35	3.31	<10
G227569	59.5-60.5	59.5	60.5	1.0	G227569	0.048	1.1	0.36	296	<10	30	<0.5	3	1.75	0.5	2	2	32	1.47	<10
G227570	dup	59.5	60.5	1.0	G227570	0.046	1.1	0.36	167	<10	20	<0.5	3	1.66	0.6	2	3	33	1.5	<10
G227571	std			0.0	G227571	7.71	14.6	1.49	54	<10	10	<0.5	<2	3.21	4.1	33	28	>10000	7.06	<10
G227572	blk			0.0	G227572	<0.005	<0.2	0.26	<2	<10	30	<0.5	<2	18.8	<0.5	<1	10	19	0.52	<10
G227573	60.5-62.5	60.5	62.5	2.0	G227573	0.027	0.4	0.33	45	<10	30	<0.5	<2	1.01	<0.5	3	2	42	1.39	<10
G227574	62.5-64.5	62.5	64.5	2.0	G227574	0.017	0.3	0.32	38	<10	30	<0.5	<2	1.42	<0.5	3	4	43	1.17	<10
G227575	64.5-66.5	64.5	66.5	2.0	G227575	0.007	<0.2	0.35	5	<10	30	<0.5	<2	1.14	<0.5	3	4	23	1.27	<10
G227576	66.5-68.2	66.5	68.2	1.7	G227576	<0.005	<0.2	0.36	14	<10	40	<0.5	<2	1.05	<0.5	4	9	38	1.47	<10
G227577	68.2-68.9	68.2	68.9	0.7	G227577	0.006	0.5	3.13	70	<10	80	1.5	<2	4.18	<0.5	27	329	153	4.18	10
G227578	68.9-70.9	68.9	70.9	2.0	G227578	0.009	<0.2	0.36	11	<10	30	<0.5	<2	1.34	<0.5	3	9	60	1.6	<10
G227579	70.9-72.2	70.9	72.2	1.3	G227579	<0.005	<0.2	0.37	21	<10	40	<0.5	<2	2.47	<0.5	4	5	55	1.56	<10
G227580	72.2-73.7	72.2	73.7	1.5	G227580	0.048	0.3	2.94	18	<10	140	0.7	<2	3.55	<0.5	22	210	107	3.3	10
G227581	73.7-75.7	73.7	75.7	2.0	G227581	0.006	0.2	0.34	26	<10	40	<0.5	<2	1.61	<0.5	3	4	36	1.07	<10
G227582	75.7-77.5	75.7	77.5	1.8	G227582	0.017	0.5	0.32	65	<10	30	<0.5	<2	2.11	<0.5	5	4	93	1.61	<10
G227583	77.5-78.9	77.5	78.9	1.4	G227583	0.018	1.7	0.32	120	<10	30	<0.5	2	1.58	0.6	12	4	319	2.31	<10
G227584	78.9-79.8	78.9	79.8	0.9	G227584	0.013	0.5	0.36	60	<10	30	0.5	<2	2.12	<0.5	3	4	100	2.01	<10
G227585	79.8-80.6	79.8	80.6	0.8	G227585	0.015	0.5	0.33	139	<10	30	<0.5	2	1.09	<0.5	8	4	102	1.8	<10
G227586	80.6-82.3	80.6	82.3	1.7	G227586	0.009	0.2	0.37	51	<10	20	<0.5	<2	0.77	<0.5	4	3	58	1.38	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Cu
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G226532	<1	0.56	20	0.49	179	13	0.08	11	200	38	1.96	<2	4	40	<10	20	0.02	<10	<10	27	<10	48	
G226533	<1	0.26	20	0.14	269	25	0.05	4	120	6	1.09	<2	1	22	<10	20	<0.01	<10	<10	3	<10	23	
G226534	<1	0.26	20	0.14	257	37	0.04	4	100	9	0.99	<2	1	31	<10	20	<0.01	<10	<10	3	<10	24	
G226535	<1	0.45	30	0.53	283	216	0.03	12	540	115	1.57	25	4	37	<10	<20	0.03	<10	<10	39	<10	155	
G226536	<1	0.18	10	11.55	222	<1	0.02	7	260	<2	<0.01	<2	1	53	<10	<20	0.01	<10	<10	7	<10	15	
G226537	<1	0.33	30	0.28	154	16	0.06	3	120	7	1.23	<2	1	22	<10	20	<0.01	<10	<10	2	<10	23	
G226538	<1	0.22	20	0.14	94	18	0.03	2	130	9	0.99	2	1	17	<10	20	<0.01	<10	<10	4	<10	42	
G226539	<1	0.24	10	0.19	106	36	0.04	6	100	9	2.3	2	1	21	<10	20	<0.01	<10	<10	4	<10	37	
G226540	<1	0.2	20	0.38	106	30	0.03	3	100	10	1.16	10	1	27	<10	20	<0.01	<10	<10	3	<10	26	
G226541	<1	0.21	20	0.32	102	19	0.03	2	130	8	0.83	2	1	24	<10	20	<0.01	<10	<10	4	<10	22	
G226542	<1	0.2	20	0.37	101	15	0.03	2	170	7	0.8	<2	1	23	<10	20	<0.01	<10	<10	5	<10	16	
G226543	<1	0.36	20	0.99	163	13	0.03	10	680	6	1.43	5	7	65	<10	<20	0.01	<10	<10	32	<10	39	
G226544	<1	0.23	20	0.42	125	8	0.04	3	110	7	1.21	2	1	26	<10	20	<0.01	<10	<10	3	<10	24	
G226545	<1	0.21	10	0.36	96	18	0.03	3	80	10	1.33	3	1	29	<10	20	<0.01	<10	<10	3	<10	31	
G226546	<1	0.22	10	0.47	156	7	0.01	5	310	8	1.13	3	3	49	<10	<20	<0.01	<10	<10	8	<10	28	
G226547	<1	0.54	20	1.18	409	7	0.06	10	690	6	1.12	4	8	126	<10	<20	0.07	<10	<10	47	<10	33	
G226548	<1	0.19	10	0.71	169	5	0.02	1	150	13	1.29	7	2	62	<10	20	<0.01	<10	<10	4	<10	33	
G226549	<1	0.18	20	0.37	95	6	0.05	1	140	13	1.6	2	1	23	<10	20	0.01	<10	10	5	<10	34	
G226550	<1	0.19	20	0.36	114	6	0.04	1	130	12	1.44	3	1	29	<10	20	<0.01	<10	<10	3	<10	32	
G226551	<1	0.18	10	0.46	119	13	0.02	2	120	10	1.11	3	1	41	<10	20	<0.01	<10	<10	3	<10	27	
G226552	<1	0.22	10	0.41	122	6	0.03	3	130	9	1.22	5	1	35	<10	20	<0.01	<10	10	3	<10	32	
G226553	<1	0.23	20	0.5	240	11	0.03	2	290	10	1.05	4	2	44	<10	20	<0.01	<10	10	8	<10	37	
G226554	<1	0.21	20	0.42	123	6	0.03	2	140	9	1.05	3	1	33	<10	20	<0.01	<10	<10	2	<10	27	
G226555	<1	0.2	10	0.62	164	1	0.01	1	100	34	1.33	32	1	48	<10	20	<0.01	<10	<10	2	<10	44	
G226556	<1	0.24	10	0.67	196	4	0.01	2	100	17	1.94	34	1	58	<10	<20	<0.01	<10	<10	3	<10	62	
G226557	<1	0.21	30	0.44	114	7	0.03	1	130	9	0.85	4	1	37	<10	20	<0.01	<10	<10	2	<10	27	
G226558	<1	0.23	20	0.41	112	19	0.03	2	120	15	1.12	5	1	35	<10	20	<0.01	<10	<10	2	<10	31	
G226559	<1	0.26	50	0.49	98	20	0.04	7	270	10	1.45	5	3	38	<10	20	<0.01	<10	<10	8	<10	36	
G226560	<1	0.4	30	1.1	137	6	0.06	40	630	7	2.17	3	14	103	<10	<20	0.02	<10	<10	49	<10	42	
G226561	<1	0.22	20	0.79	136	3	0.03	8	280	11	1.24	3	6	95	<10	<20	<0.01	<10	<10	10	<10	31	
G226562	<1	0.24	10	0.51	149	7	0.02	2	120	68	0.94	6	1	37	<10	20	<0.01	<10	<10	2	<10	87	
G226563	<1	0.24	20	0.38	107	2	0.03	2	190	11	0.99	4	2	27	<10	20	<0.01	<10	<10	3	<10	34	
G226564	<1	0.22	20	0.39	99	1	0.03	4	240	8	0.86	3	2	31	<10	20	<0.01	<10	<10	6	<10	27	
G227565	<1	0.19	20	0.41	111	9	0.01	9	150	10	0.92	<2	2	30	<10	20	<0.01	<10	<10	4	<10	35	
G227566	<1	0.2	10	0.38	112	1	<0.01	3	120	8	1.03	2	1	31	<10	20	<0.01	<10	<10	1	<10	20	
G227567	<1	0.19	10	0.69	191	5	<0.01	9	270	45	1.75	8	4	59	<10	<20	<0.01	<10	20	7	<10	128	
G227568	<1	0.15	<10	4.3	832	3	0.01	4	70	140	1.15	34	1	103	<10	<20	<0.01	<10	<10	4	<10	475	
G227569	<1	0.22	10	0.78	156	1	<0.01	1	60	22	0.99	7	<1	28	<10	20	<0.01	<10	<10	<1	<10	34	
G227570	1	0.23	10	0.75	166	3	<0.01	1	60	23	1.04	10	<1	25	<10	20	<0.01	<10	<10	<1	<10	33	
G227571	1	0.2	<10	1.07	597	384	0.08	45	980	78	5.46	38	8	95	<10	<20	0.05	<10	<10	81	<10	136	3.32
G227572	<1	0.14	<10	11.35	230	<1	<0.01	11	240	4	<0.01	<2	1	50	<10	<20	0.01	<10	<10	5	<10	23	
G227573	<1	0.24	20	0.32	97	4	<0.01	1	50	6	1.03	3	<1	30	<10	20	<0.01	<10	<10	<1	<10	19	
G227574	<1	0.23	20	0.15	108	3	<0.01	1	70	6	0.83	3	<1	32	<10	20	<0.01	<10	<10	<1	<10	10	
G227575	<1	0.23	20	0.18	100	1	0.01	1	80	6	0.72	2	<1	29	<10	20	<0.01	<10	<10	<1	<10	21	
G227576	1	0.22	30	0.32	109	1	0.02	6	80	6	0.89	2	<1	33	<10	20	<0.01	<10	<10	1	<10	12	
G227577	<1	0.92	10	2.85	452	1	0.16	202	1090	5	1.49	10	14	151	<10	<20	0.16	<10	<10	92	<10	51	
G227578	1	0.25	20	0.3	125	<1	<0.01	5	80	4	1.05	2	<1	32	<10	20	<0.01	<10	<10	1	<10	9	
G227579	<1	0.24	20	0.57	207	<1	<0.01	6	100	4	0.91	<2	1	60	<10	20	<0.01	<10	<10	2	<10	9	
G227580	<1	0.65	10	2.1	374	<1	0.14	100	670	3	1.12	3	8	93	<10	<20	0.16	<10	<10	83	<10	31	
G227581	<1	0.25	20	0.22	164	1	<0.01	2	90	4	0.63	2	<1	31	<10	20	<0.01	<10	<10	1	<10	6	
G227582	<1	0.26	10	0.19	206	1	<0.01	2	80	6	1.36	2	<1	34	<10	20	<0.01	<10	<10	<1	<10	15	
G227583	1	0.22	20	0.33	193	2	<0.01	5	100	6	1.8	4	<1	34	<10	20	<0.01	<10	<10	1	<10	33	
G227584	<1	0.24	20	0.71	209	2	<0.01	2	90	7	1.37	<2	1	44	<10	20	<0.01	<10	<10	2	<10	11	
G227585	<1	0.22	20	0.37	135	1	<0.01	2	80	7	1.36	3	<1	24	<10	20	<0.01	<10	<10	<1	<10	10	
G227586	1	0.23	20	0.27	100	1	<0.01	1	70	6	0.86	2	<1	21	<10	20	<0.01	<10	<10	<1	<10	15	

G227587	82.3-83.4	82.3	83.4	1.1	G227587	1.315	62.2	0.27	1220	<10	10	0.5	709	4.58	4.9	263	6	1040	20.8	<10
G227588	83.4-85.4	83.4	85.4	2.0	G227588	0.032	0.4	1.48	27	<10	100	0.6	<2	2.45	<0.5	13	53	99	2.3	<10
G227589	85.4-87.4	85.4	87.4	2.0	G227589	0.009	0.3	1.35	5	<10	50	0.6	<2	2.4	<0.5	7	37	89	2.03	<10
G227590	87.4-88.5	87.4	88.5	1.1	G227590	0.007	0.4	1.01	13	<10	50	0.5	<2	3.35	0.6	8	34	119	2.13	<10
G227591	88.5-89.6	88.5	89.6	1.1	G227591	0.038	0.7	1.64	72	<10	90	0.6	<2	2.77	1.2	11	60	132	3.18	<10
G227592	89.6-91.6	89.6	91.6	2.0	G227592	0.005	<0.2	0.45	15	<10	40	0.5	<2	1.51	<0.5	3	7	38	1.38	<10
G227593	91.6-93.6	91.6	93.6	2.0	G227593	0.081	5.5	0.32	281	<10	30	<0.5	28	1.45	0.8	9	2	238	3.86	<10
G227594	93.6-95.6	93.6	95.6	2.0	G227594	0.015	1.1	0.4	44	<10	40	<0.5	5	1.48	<0.5	3	4	75	1.82	<10
G227595	95.6-96.3	95.6	96.3	0.7	G227595	0.007	0.2	1.24	11	<10	50	1	<2	2.06	<0.5	7	8	68	1.95	<10
G227596	96.3-98.3	96.3	98.3	2.0	G227596	0.007	0.3	0.35	18	<10	30	<0.5	<2	1.65	<0.5	3	5	55	1.33	<10
G227597	98.3-100.3	98.3	100.3	2.0	G227597	0.195	0.4	0.32	3	<10	40	<0.5	<2	1.23	<0.5	2	4	42	1.46	<10
G227598	100.3-101.5	100.3	101.5	1.2	G227598	0.045	1.2	0.54	53	<10	20	0.7	10	2.03	<0.5	9	23	113	2.14	<10
G227599	101.5-103.5	101.5	103.5	2.0	G227599	0.083	2	1.06	61	<10	30	1.1	16	4.37	<0.5	13	18	142	2.69	<10
G227600	103.5-104.4	103.5	104.4	0.9	G227600	0.107	1.1	0.59	81	<10	20	0.8	2	3.89	<0.5	12	16	166	2.89	<10
G227601	104.4-106.4	104.4	106.4	2.0	G227601	0.162	4.4	1.25	715	<10	40	1	31	3.33	0.8	12	24	144	3.36	<10
G227602	106.4-107.2	106.4	107.2	0.8	G227602	0.065	1.4	0.94	131	<10	30	0.9	4	2.61	<0.5	30	21	227	3.38	<10
G227603	107.2-109.2	107.2	109.2	2.0	G227603	0.156	1	1.01	152	<10	30	1.1	3	2.82	<0.5	38	30	289	4.3	<10
G227604	109.2-110.6	109.2	110.6	1.4	G227604	0.307	4.7	0.58	289	<10	10	0.9	<2	5.89	0.9	31	142	830	4.12	<10
G227605	110.6-112.6	110.6	112.6	2.0	G227605	0.009	0.2	0.82	380	<10	30	1	<2	8.49	<0.5	53	853	63	3.63	<10
G227606	dup	110.6	112.6	2.0	G227606	0.008	0.4	0.79	376	<10	40	1	<2	8.23	<0.5	51	906	48	3.63	<10
G227607	std			0.0	G227607	0.335	3	1.89	64	<10	90	<0.5	<2	0.73	1.6	13	95	3160	4.15	<10
G227608	blk			0.0	G227608	<0.005	<0.2	0.25	3	<10	30	<0.5	<2	17.8	<0.5	1	13	40	0.5	<10
G227609	112.6-114.6	112.6	114.6	2.0	G227609	0.005	<0.2	2.29	157	<10	220	0.9	<2	6.33	<0.5	47	970	65	4.31	<10
G227610	114.6-116.6	114.6	116.6	2.0	G227610	0.042	<0.2	3.92	35	<10	240	0.9	<2	2	<0.5	31	856	24	4.31	10
G227611	116.6-118.6	116.6	118.6	2.0	G227611	<0.005	<0.2	3.51	29	<10	170	0.7	<2	1.65	<0.5	48	1295	134	5.45	<10
G227612	118.6-120.6	118.6	120.6	2.0	G227612	0.103	5	1.42	186	<10	40	0.7	5	4.98	31.3	21	66	116	4.84	<10
G227613	120.6-121.6	120.6	121.6	1.0	G227613	0.012	0.2	1.38	29	<10	40	0.7	<2	3.65	<0.5	15	47	63	3.15	<10
G227614	121.6-122.9	121.6	122.9	1.3	G227614	0.010	<0.2	1.66	14	<10	40	0.5	<2	2.39	<0.5	16	70	59	3.17	<10
G227615	122.9-124.9	122.9	124.9	2.0	G227615	0.011	<0.2	2.05	56	10	130	<0.5	<2	2.89	<0.5	47	909	16	3.62	<10
G227616	124.9-125.6	124.9	125.6	0.7	G227616	0.024	<0.2	3.02	3	<10	140	0.5	<2	0.74	<0.5	20	86	31	3.93	10
G227617	125.6-127.6	125.6	127.6	2.0	G227617	0.028	0.2	1.78	272	<10	40	0.5	<2	3.44	<0.5	42	925	45	3.44	<10
G227618	127.6-128.6	127.6	128.6	1.0	G227618	0.008	0.3	0.18	135	50	<10	<0.5	<2	1.34	<0.5	71	1020	3	3.49	<10
G227619	140.0-142.0	140	142	2.0	G227619	<0.005	0.5	0.16	11	40	<10	<0.5	<2	0.24	0.7	81	1045	<1	3.06	<10
G227620	151.1-153.1	151.1	153.1	2.0	G227620	<0.005	0.5	0.13	21	30	30	<0.5	<2	0.33	1.2	90	1175	3	3.27	<10

G227587	1	0.17	<10	1.43	401	4	<0.01	31	150	220	>10.0	57	1	169	50	<20	<0.01	<10	20	6	10	209	
G227588	<1	0.3	10	1.22	273	<1	0.1	26	700	4	0.75	2	8	115	<10	<20	0.05	<10	<10	49	<10	34	
G227589	1	0.23	20	1.17	267	<1	0.07	16	700	5	0.68	2	7	111	<10	<20	0.02	<10	<10	44	<10	36	
G227590	<1	0.19	10	1.25	377	<1	0.06	20	690	6	0.74	<2	8	138	<10	<20	0.02	<10	<10	40	<10	53	
G227591	<1	0.39	10	1.33	345	<1	0.1	29	700	9	1.76	4	8	113	<10	<20	0.06	<10	<10	55	<10	78	
G227592	<1	0.26	30	0.28	113	2	<0.01	3	170	5	0.8	2	1	40	<10	20	<0.01	<10	<10	3	<10	10	
G227593	<1	0.23	10	0.29	185	4	<0.01	3	140	45	3.96	5	1	40	<10	20	<0.01	<10	<10	1	<10	40	
G227594	1	0.26	20	0.21	138	2	<0.01	1	100	14	1.4	3	1	28	<10	20	<0.01	<10	<10	<1	<10	15	
G227595	1	0.27	30	0.49	181	1	0.1	6	280	6	0.99	<2	4	58	<10	20	0.02	<10	<10	17	<10	23	
G227596	<1	0.21	20	0.22	266	1	0.01	1	60	5	0.88	<2	<1	36	<10	30	<0.01	<10	<10	1	<10	11	
G227597	<1	0.21	30	0.3	117	<1	<0.01	1	90	13	0.9	<2	1	29	<10	20	<0.01	<10	<10	1	<10	30	
G227598	<1	0.13	40	0.54	207	1	0.01	11	350	18	1	3	8	60	<10	20	<0.01	<10	<10	19	<10	29	
G227599	1	0.22	20	1.14	344	1	<0.01	16	290	21	1.17	3	15	117	<10	<20	<0.01	<10	10	49	<10	48	
G227600	<1	0.22	30	1.11	357	1	<0.01	24	660	10	1.29	3	6	103	<10	<20	<0.01	<10	<10	23	<10	42	
G227601	<1	0.29	20	1.42	298	1	0.02	14	400	48	1.87	8	8	101	<10	<20	<0.01	<10	<10	25	<10	60	
G227602	<1	0.3	20	0.92	233	1	0.02	22	340	16	1.79	4	6	69	<10	<20	0.01	<10	<10	20	<10	29	
G227603	<1	0.34	30	1.26	342	2	0.02	32	440	9	1.97	7	6	81	<10	<20	0.01	<10	<10	27	<10	30	
G227604	1	0.13	20	2.31	519	6	0.02	184	580	6	1.49	5	12	183	<10	<20	<0.01	<10	<10	42	<10	91	
G227605	<1	0.11	<10	7.1	715	<1	0.02	761	50	7	0.86	6	10	365	<10	<20	<0.01	<10	<10	29	<10	34	
G227606	<1	0.1	<10	7.16	741	<1	0.02	744	50	24	0.77	6	10	362	<10	<20	<0.01	<10	<10	28	<10	29	
G227607	<1	0.14	10	0.87	717	33	0.07	151	620	87	0.81	3	5	36	<10	<20	0.11	<10	<10	56	10	320	
G227608	<1	0.13	<10	10.75	215	<1	0.02	6	240	3	<0.01	<2	1	49	<10	<20	0.01	<10	<10	4	<10	17	
G227609	<1	0.77	10	7.39	785	<1	0.02	474	90	4	0.75	<2	15	209	<10	<20	0.05	<10	<10	46	<10	50	
G227610	<1	1.74	20	6.19	553	<1	0.04	275	550	2	0.17	<2	11	58	<10	<20	0.15	<10	<10	85	<10	50	
G227611	<1	1.91	10	6.12	467	<1	0.03	421	170	6	1.3	<2	11	46	<10	<20	0.16	<10	<10	73	<10	47	
G227612	<1	0.33	20	2.7	520	<1	0.04	51	480	1550	2.9	3	7	132	<10	<20	0.03	<10	<10	38	<10	1930	
G227613	<1	0.27	20	2.01	411	<1	0.04	35	480	9	0.92	<2	8	108	<10	<20	0.01	<10	<10	42	<10	50	
G227614	<1	0.55	20	2.26	334	1	0.05	58	710	6	0.79	<2	8	89	<10	<20	0.06	<10	<10	63	<10	36	
G227615	<1	0.78	<10	8.19	606	<1	0.03	505	120	3	0.2	<2	9	110	<10	<20	0.06	<10	<10	64	<10	35	
G227616	<1	1.08	20	3.36	301	<1	0.12	76	540	5	0.24	<2	9	53	<10	<20	0.15	<10	<10	83	<10	37	
G227617	<1	0.36	10	8.85	613	1	0.03	499	280	5	0.29	7	7	208	<10	<20	0.04	<10	<10	44	<10	32	
G227618	<1	0.01	<10	17.95	781	<1	0.01	966	10	20	0.09	<2	4	80	<10	<20	<0.01	<10	<10	11	<10	44	
G227619	<1	<0.01	10	20.9	746	<1	0.01	1290	<10	29	0.08	<2	4	27	<10	<20	0.01	<10	<10	9	<10	63	
G227620	<1	<0.01	10	20.5	823	<1	0.01	1615	10	43	0.12	<2	4	19	<10	<20	<0.01	<10	<10	11	<10	91	

Core Sample Intervals

Hole No: SG-09-38

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G227621	3.0-5.0	3.0	5.0	2.0	G227621	<0.005	<0.2	0.98	30	<10	30	<0.5	<2	1.37	<0.5	7	21	86	2.11	<10	<1
G227622	5.0-7.0	5.0	7.0	2.0	G227622	0.030	<0.2	1.26	61	<10	20	<0.5	<2	1.43	<0.5	9	12	68	2.41	<10	<1
G227623	7.0-9.0	7.0	9.0	2.0	G227623	0.043	0.2	1.29	252	<10	20	<0.5	<2	0.91	<0.5	5	15	74	2.45	<10	<1
G227624	9.0-11.0	9.0	11.0	2.0	G227624	0.009	<0.2	3.54	11	<10	30	0.9	<2	2.35	<0.5	12	12	124	3.25	10	1
G227625	11.0-12.2	11.0	12.2	1.2	G227625	0.012	0.8	2.11	57	<10	30	1	<2	2.52	<0.5	10	35	195	2.69	<10	<1
G227626	12.2-13.2	12.2	13.2	1.0	G227626	0.009	0.4	2.32	15	<10	20	0.9	<2	2.49	<0.5	8	37	141	2.24	10	<1
G227627	19.5-20.5	19.5	20.5	1.0	G227627	0.009	0.2	2.43	8	<10	50	<0.5	<2	1.8	<0.5	14	7	88	3.11	10	<1
G227628	20.5-21.8	20.5	21.8	1.3	G227628	0.016	1.1	2.54	22	<10	30	0.5	6	3.1	<0.5	13	20	158	2.64	<10	1
G227629	21.8-23.8	21.8	23.8	2.0	G227629	0.014	0.2	2.89	10	<10	40	0.6	<2	2.38	<0.5	12	42	53	2.11	<10	<1
G227630	23.8-25.8	23.8	25.8	2.0	G227630	0.009	<0.2	2.29	11	<10	20	0.7	<2	2	<0.5	13	27	58	2.32	<10	<1
G227631	25.8-27.8	25.8	27.8	2.0	G227631	0.008	<0.2	3.55	11	<10	20	1.1	<2	2.78	<0.5	16	45	62	2.48	10	1
G227632	27.8-29.8	27.8	29.8	2.0	G227632	0.011	<0.2	2.28	248	<10	20	1	<2	2.07	<0.5	12	17	56	2.48	10	<1
G227633	29.8-30.8	29.8	30.8	1.0	G227633	0.111	0.3	1.28	119	<10	20	0.5	<2	1.56	<0.5	6	7	108	2.13	<10	<1
G227634	30.8-32.8	30.8	32.8	2.0	G227634	0.006	0.2	1.46	21	<10	20	<0.5	<2	1.2	<0.5	6	12	78	2.44	<10	<1
G227635	32.8-34.7	32.8	34.7	1.9	G227635	<0.005	<0.2	1.13	3	<10	20	<0.5	<2	1.06	<0.5	3	7	26	2.05	<10	<1
G227636	34.7-35.7	34.7	35.7	1.0	G227636	1.51	3.6	1.03	590	<10	40	<0.5	3	1.38	1	9	6	432	8.14	<10	<1
G227637	41.8-42.8	41.8	42.8	1.0	G227637	0.167	0.9	1.19	159	<10	100	<0.5	<2	2.34	0.6	5	6	103	2.41	<10	<1
G227638	42.8-44.8	42.8	44.8	2.0	G227638	0.045	1.1	0.98	48	<10	40	0.5	<2	2.04	2.6	10	23	195	2.51	<10	<1
G227639	44.8-46.8	44.8	46.8	2.0	G227639	0.007	0.4	0.81	20	<10	80	<0.5	<2	0.99	<0.5	4	22	63	1.53	<10	<1
G227640	46.8-47.8	46.8	47.8	1.0	G227640	0.022	<0.2	0.69	14	<10	40	<0.5	<2	1.03	<0.5	2	9	50	1.4	<10	<1
G227641	47.8-49.8	47.8	49.8	2.0	G227641	0.009	0.3	1.19	77	<10	50	<0.5	<2	1.31	<0.5	2	11	30	1.73	<10	<1
G227642	dup	47.8	49.8	2.0	G227642	0.008	0.2	1.21	95	<10	30	<0.5	<2	1.6	<0.5	3	21	30	1.73	<10	<1
G227643	std			0.0	G227643	4.36	5.7	0.25	466	<10	30	<0.5	<2	0.12	<0.5	11	460	50	3.64	<10	7
G227644	blk			0.0	G227644	<0.005	0.2	0.22	6	<10	30	<0.5	<2	18	<0.5	2	11	3	0.49	<10	<1
G227645	49.8-51.1	49.8	51.1	1.3	G227645	0.071	0.6	1.22	154	<10	10	<0.5	<2	1.77	<0.5	3	6	50	1.86	<10	<1
G227646	51.1-51.6	51.1	51.6	0.5	G227646	0.015	0.4	0.67	57	<10	180	<0.5	<2	2.12	0.5	3	6	48	1.69	<10	<1
G227647	51.6-53.6	51.6	53.6	2.0	G227647	0.041	0.4	0.61	263	<10	110	0.5	<2	2.82	<0.5	7	9	128	2.14	<10	<1
G227648	53.6-54.9	53.6	54.9	1.3	G227648	0.045	0.4	0.63	320	<10	30	0.7	<2	2.66	0.7	7	10	127	1.85	<10	1
G227649	54.9-56.9	54.9	56.9	2.0	G227649	0.037	0.5	0.29	36	<10	30	<0.5	<2	1.53	<0.5	4	5	69	0.97	<10	<1
G227650	56.9-58.9	56.9	58.9	2.0	G227650	0.043	0.7	0.29	127	<10	30	0.5	<2	1.29	1	5	5	100	1.74	<10	<1
G227651	58.9-60.9	58.9	60.9	2.0	G227651	0.010	0.3	0.35	32	<10	30	0.6	<2	1.25	<0.5	4	6	101	1.51	<10	<1
G227652	60.9-62.9	60.9	62.9	2.0	G227652	0.031	0.4	0.34	73	<10	20	0.8	<2	1.92	<0.5	3	5	86	1.72	<10	<1
G227653	62.9-64.9	62.9	64.9	2.0	G227653	<0.005	<0.2	0.38	16	<10	40	0.7	2	1.31	<0.5	2	6	22	1.39	<10	<1
G227654	64.9-66.9	64.9	66.9	2.0	G227654	0.025	0.5	0.3	159	<10	40	0.5	<2	1.3	1	3	7	90	1.54	<10	<1
G227655	66.9-68.9	66.9	68.9	2.0	G227655	0.039	0.2	0.3	411	<10	30	0.5	<2	1.6	0.7	2	5	62	1.2	<10	<1
G227656	68.9-70.9	68.9	70.9	2.0	G227656	0.011	0.2	0.31	137	<10	30	0.6	<2	1.6	<0.5	2	6	85	1.17	<10	<1
G227657	70.9-72.9	70.9	72.9	2.0	G227657	0.015	0.3	0.4	54	<10	60	0.7	<2	1.97	<0.5	4	11	78	1.33	<10	<1
G227658	72.9-74.9	72.9	74.9	2.0	G227658	0.006	0.3	0.36	36	<10	60	0.5	<2	1.02	<0.5	3	5	35	1.13	<10	<1
G227659	74.9-76.4	74.9	76.4	1.5	G227659	<0.005	0.2	0.35	36	<10	30	<0.5	<2	1.23	<0.5	2	6	48	1.16	<10	<1
G227660	76.4-78.4	76.4	78.4	2.0	G227660	0.011	0.6	0.76	21	<10	60	0.9	<2	2.34	<0.5	8	14	140	2.47	<10	<1
G227661	78.4-80.4	78.4	80.4	2.0	G227661	0.039	0.3	0.72	49	<10	40	0.7	<2	2.06	<0.5	6	10	81	1.67	<10	<1
G227662	80.4-82.4	80.4	82.4	2.0	G227662	0.006	0.2	1.71	148	<10	50	0.8	<2	1.88	<0.5	12	40	120	2.52	10	<1
G227663	82.4-83.0	82.4	83.0	0.6	G227663	0.009	0.3	1.26	20	<10	40	0.6	<2	2.4	<0.5	16	31	191	2.68	<10	<1
G227664	83.0-85.0	83.0	85.0	2.0	G227664	<0.005	0.5	0.64	30	<10	40	0.5	<2	2.31	<0.5	10	16	114	1.8	<10	<1
G227665	85.0-87.0	85.0	87.0	2.0	G227665	0.006	0.4	0.59	136	<10	30	0.7	2	2.56	<0.5	9	9	132	2.02	<10	<1
G227666	87.0-89.0	87.0	89.0	2.0	G227666	0.005	0.3	0.59	57	<10	300	0.8	<2	2.61	0.6	8	8	121	1.95	<10	<1
G227667	89.0-90.6	89.0	90.6	1.6	G227667	0.006	0.4	0.6	47	<10	30	0.6	<2	2.69	<0.5	8	9	102	1.87	<10	<1

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Cu
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G227621	0.12	<10	0.55	100	8	0.08	16	220	4	1.21	<2	6	20	<10	<20	0.04	<10	<10	16	<10	14	
G227622	0.12	10	0.71	153	8	0.1	5	280	5	1.22	<2	6	20	<10	<20	0.06	<10	<10	20	<10	21	
G227623	0.12	10	0.65	113	3	0.11	2	260	4	1.34	<2	7	24	<10	<20	0.07	<10	<10	18	<10	18	
G227624	0.24	10	0.93	191	3	0.33	5	290	5	1.31	<2	8	74	<10	<20	0.14	<10	<10	70	<10	28	
G227625	0.32	20	0.67	136	8	0.18	16	380	17	1.88	<2	4	50	<10	<20	0.04	<10	<10	21	<10	25	
G227626	0.14	20	0.8	180	6	0.23	15	380	6	1.09	<2	3	70	<10	<20	0.09	<10	<10	20	<10	24	
G227627	0.31	<10	0.92	230	3	0.2	1	300	4	1.19	<2	9	56	<10	<20	0.11	<10	<10	56	<10	29	
G227628	0.23	10	0.71	179	86	0.17	7	220	13	1.43	<2	7	64	<10	<20	0.04	<10	<10	45	<10	28	
G227629	0.21	10	0.81	212	3	0.23	13	180	5	1	<2	7	124	<10	<20	0.08	<10	<10	46	<10	21	
G227630	0.16	10	0.72	184	2	0.18	12	270	4	1.17	<2	6	88	<10	<20	0.12	<10	<10	50	<10	22	
G227631	0.18	10	0.79	186	4	0.27	15	260	5	1.39	<2	6	195	<10	<20	0.1	<10	<10	44	<10	20	
G227632	0.15	10	0.61	155	1	0.21	9	290	5	1.8	2	4	96	<10	<20	0.06	<10	<10	26	<10	20	
G227633	0.18	<10	0.49	114	2	0.11	1	220	4	1.28	<2	4	31	<10	<20	0.02	<10	<10	13	<10	22	
G227634	0.15	10	0.63	103	6	0.13	3	230	5	1.44	<2	6	40	<10	<20	0.05	<10	<10	13	<10	20	
G227635	0.11	<10	0.55	86	2	0.08	2	200	4	1.33	2	4	35	<10	<20	0.04	<10	<10	10	<10	17	
G227636	0.16	<10	0.34	78	1	0.06	2	160	16	8.6	<2	2	88	10	<20	0.02	<10	<10	6	<10	57	
G227637	0.19	10	0.31	107	8	0.1	3	280	5	2.17	2	3	46	<10	<20	0.01	<10	<10	8	<10	43	
G227638	0.25	10	0.54	137	82	0.02	10	190	5	1.69	4	4	28	<10	<20	0.01	<10	<10	18	<10	108	
G227639	0.19	10	0.59	82	5	0.04	5	190	3	1.15	3	4	23	<10	<20	0.02	<10	<10	10	<10	16	
G227640	0.15	10	0.55	87	8	0.03	<1	140	6	1.02	2	3	30	<10	<20	0.01	<10	<10	6	<10	17	
G227641	0.17	<10	0.9	137	16	0.03	1	260	3	0.84	<2	7	45	<10	<20	0.02	<10	<10	24	<10	18	
G227642	0.18	<10	0.96	140	8	0.02	2	240	2	0.78	2	7	63	<10	<20	0.01	<10	<10	26	<10	19	
G227643	0.17	<10	0.06	248	16	<0.01	343	320	5	1.87	64	1	5	<10	<20	<0.01	10	<10	17	<10	36	
G227644	0.12	<10	10.9	215	<1	<0.01	2	240	3	<0.01	<2	1	46	<10	<20	0.01	<10	<10	4	<10	13	
G227645	0.2	<10	0.92	119	1	0.01	<1	270	3	0.95	3	5	41	<10	<20	0.01	<10	<10	19	<10	20	
G227646	0.18	10	0.48	112	7	0.01	2	160	2	1.32	3	2	87	<10	<20	<0.01	<10	<10	4	<10	24	
G227647	0.13	20	0.98	229	1	0.03	6	620	5	1.05	<2	5	151	<10	<20	<0.01	<10	<10	22	<10	29	
G227648	0.14	20	0.87	208	3	0.02	9	690	5	0.69	<2	6	135	<10	<20	<0.01	<10	<10	27	<10	53	
G227649	0.2	10	0.19	74	11	0.01	<1	90	5	0.62	<2	1	37	<10	20	<0.01	<10	<10	1	<10	17	
G227650	0.2	20	0.37	95	3	0.01	1	120	6	1.21	<2	1	39	<10	20	<0.01	<10	<10	2	<10	49	
G227651	0.2	20	0.27	83	4	0.01	1	130	5	1.03	4	1	42	<10	20	<0.01	<10	<10	2	<10	10	
G227652	0.2	30	0.29	126	1	0.01	<1	130	6	1.26	3	1	55	<10	20	<0.01	<10	<10	1	<10	19	
G227653	0.18	30	0.17	80	5	0.04	1	90	4	1.06	<2	1	37	<10	20	<0.01	<10	<10	1	<10	12	
G227654	0.19	20	0.16	80	2	0.01	<1	80	5	1.15	5	1	39	<10	20	<0.01	<10	<10	1	<10	48	
G227655	0.22	20	0.09	81	1	0.02	<1	90	5	0.85	4	<1	36	<10	20	<0.01	<10	10	1	<10	36	
G227656	0.21	30	0.11	66	1	0.02	<1	100	5	0.76	<2	1	40	<10	20	<0.01	<10	<10	<1	<10	11	
G227657	0.25	20	0.26	119	1	0.01	8	200	5	0.74	4	2	65	<10	20	<0.01	<10	10	5	<10	18	
G227658	0.25	20	0.19	73	1	<0.01	<1	70	5	0.77	3	<1	42	<10	20	<0.01	<10	<10	<1	<10	11	
G227659	0.23	20	0.11	72	2	0.01	2	90	4	0.81	<2	<1	29	<10	20	<0.01	<10	<10	<1	<10	19	
G227660	0.23	40	0.71	151	1	0.04	11	460	4	1.68	3	5	90	<10	20	0.01	<10	<10	13	<10	21	
G227661	0.23	30	0.6	153	1	0.04	5	270	5	0.97	2	2	61	<10	20	0.01	<10	<10	9	<10	15	
G227662	0.25	20	1.02	209	2	0.16	20	510	3	1.19	3	4	79	<10	<20	0.1	<10	<10	35	<10	24	
G227663	0.16	10	0.97	245	1	0.11	16	570	<2	1.42	<2	6	84	<10	<20	0.1	<10	<10	45	<10	27	
G227664	0.13	10	0.81	201	3	0.07	9	650	6	0.76	<2	6	101	<10	<20	0.04	<10	<10	36	<10	27	
G227665	0.13	20	0.81	176	2	0.05	6	620	5	0.98	2	6	119	<10	<20	<0.01	<10	<10	25	<10	22	
G227666	0.16	20	0.79	184	1	0.03	5	570	4	0.91	5	5	122	<10	<20	<0.01	<10	<10	21	<10	42	
G227667	0.2	20	0.74	184	1	0.05	6	600	4	1.01	4	5	110	<10	<20	<0.01	<10	<10	23	<10	20	

G227668	90.6-92.6	90.6	92.6	2.0	G227668	0.011	0.9	0.52	80	<10	40	0.6	2	2.63	<0.5	9	10	105	1.94	<10	<1
G227669	92.6-94.5	92.6	94.5	1.9	G227669	0.005	0.6	0.71	50	<10	40	0.8	<2	2.96	<0.5	11	18	131	2.45	<10	<1
G227670	94.5-96.3	94.5	96.3	1.8	G227670	0.059	0.3	0.7	60	10	40	1.1	<2	4.66	<0.5	7	34	71	1.96	<10	<1
G227671	96.3-97.7	96.3	97.7	1.4	G227671	0.016	0.7	0.33	141	10	180	0.5	<2	3.34	<0.5	7	7	51	1.5	<10	<1
G227672	97.7-98.8	97.7	98.8	1.1	G227672	0.037	0.9	0.66	530	<10	190	1.4	<2	8.21	1.6	10	40	70	2.22	<10	<1
G227673	98.8-100.0	98.8	100.0	1.2	G227673	1.045	24.9	0.4	1725	<10	20	0.9	20	8.58	122.5	8	42	563	3.38	<10	<1
G227674	100.0-101.0	100.0	101.0	1.0	G227674	0.011	0.4	0.43	149	10	20	0.8	<2	4.49	2.7	12	69	43	2.02	<10	<1
G227675	101.0-102.2	101.0	102.2	1.2	G227675	0.015	0.8	0.48	123	10	10	0.9	<2	6.4	1.4	18	54	85	2.97	<10	<1
G227676	102.2-104.2	102.2	104.2	2.0	G227676	0.007	0.5	0.61	45	<10	70	1	<2	6.19	<0.5	14	46	57	3.09	<10	<1
G227677	104.2-105.0	104.2	105.0	0.8	G227677	0.018	0.4	0.6	44	<10	170	0.9	<2	6.74	<0.5	15	41	70	3.54	<10	<1
G227678	dup	104.2	105.0	0.8	G227678	0.012	0.3	0.67	54	<10	150	0.9	<2	7.03	<0.5	16	49	83	3.73	<10	<1
G227679	std			0.0	G227679	4.58	5.5	0.24	456	<10	30	<0.5	<2	0.12	<0.5	12	441	53	3.55	<10	7
G227680	blk			0.0	G227680	<0.005	0.3	0.24	7	<10	30	<0.5	<2	17.9	<0.5	3	9	5	0.54	<10	1
G227681	105.0-106.4	105.0	106.4	1.4	G227681	0.136	7.5	0.67	134	<10	150	1.1	2	5.75	7.1	18	83	822	4.15	<10	<1
G227682	106.4-108.1	106.4	108.1	1.7	G227682	0.076	7.5	0.52	135	<10	50	0.8	3	5.44	1.5	27	25	1410	4.94	<10	<1
G227683	108.1-109.9	108.1	109.9	1.8	G227683	0.025	0.6	0.24	1150	<10	60	0.8	2	10.8	<0.5	48	384	57	2.97	<10	<1
G227684	109.9-111.9	109.9	111.9	2.0	G227684	<0.005	0.2	0.63	55	<10	50	1.1	<2	4.33	<0.5	24	30	108	3.74	<10	<1
G227685	111.9-113.6	111.9	113.6	1.7	G227685	0.013	0.9	0.56	75	10	110	1.2	<2	5.58	<0.5	15	42	162	3.45	<10	<1
G227686	113.6-115.6	113.6	115.6	2.0	G227686	0.221	2.9	0.44	2150	10	60	1	2	6.9	4.6	23	50	350	3.91	<10	<1
G227687	115.6-117.6	115.6	117.6	2.0	G227687	0.009	0.6	0.65	151	10	560	1.5	<2	7.02	<0.5	23	30	28	3.42	<10	<1
G227688	117.6-118.2	117.6	118.2	0.6	G227688	0.015	2.6	0.78	137	<10	150	1.4	27	6.66	0.5	22	14	157	5.74	<10	<1
G227689	118.2-119.2	118.2	119.2	1.0	G227689	<0.005	0.2	1.55	21	<10	110	1.7	<2	4.54	<0.5	31	24	42	5.17	<10	<1
G227690	119.2-121.2	119.2	121.2	2.0	G227690	0.008	0.9	0.64	100	10	350	1.5	<2	6.79	<0.5	21	13	187	4.65	<10	<1
G227691	121.2-122.3	121.2	122.3	1.1	G227691	0.007	0.6	1.52	14	<10	170	1.6	<2	4.66	<0.5	14	31	153	3.86	<10	1
G227692	122.3-124.3	122.3	124.3	2.0	G227692	0.006	0.3	0.6	102	<10	350	1.2	<2	3.73	<0.5	12	7	35	3.14	<10	<1
G227693	124.3-126.3	124.3	126.3	2.0	G227693	0.006	0.5	0.66	70	<10	150	0.9	4	2.7	<0.5	6	8	14	2.13	<10	<1
G227694	126.3-127.3	126.3	127.3	1.0	G227694	0.013	0.7	0.52	51	<10	140	0.8	2	3.2	4.8	7	4	73	2.33	<10	<1
G227695	127.3-128.9	127.3	128.9	1.6	G227695	<0.005	0.3	0.9	70	<10	130	1	<2	2.73	1.1	13	43	50	3.26	<10	<1
G227696	128.9-130.1	128.9	130.1	1.2	G227696	0.022	0.2	0.51	39	<10	590	1.1	<2	10.55	0.8	11	26	36	4.31	<10	<1
G227697	130.1-132.2	130.1	132.2	2.1	G227697	0.029	0.7	0.69	823	<10	140	1.2	4	4.41	<0.5	16	23	86	4.04	<10	<1
G227698	132.2-133.7	132.2	133.7	1.5	G227698	0.022	4.6	0.54	202	<10	20	0.9	80	2.71	1.4	16	14	577	8.79	<10	<1
G227699	133.7-135.2	133.7	135.2	1.5	G227699	0.018	0.2	1.59	110	<10	40	2.1	<2	3.8	<0.5	11	75	64	3.04	10	<1
G227700	135.2-137.2	135.2	137.2	2.0	G227700	0.006	0.3	1.11	42	<10	10	0.9	<2	5.91	<0.5	17	43	81	2.17	<10	<1
G227701	137.2-139.0	137.2	139.0	1.8	G227701	<0.005	0.5	0.41	35	<10	<10	<0.5	15	>25.0	<0.5	9	8	80	1.4	<10	<1
G227702	139.0-141.0	139.0	141.0	2.0	G227702	<0.005	1.1	0.4	8	<10	<10	<0.5	<2	>25.0	<0.5	3	6	8	0.58	<10	<1
G227703	141.0-143.0	141.0	143.0	2.0	G227703	0.01	0.3	0.34	17	<10	30	<0.5	<2	>25.0	<0.5	4	8	10	0.63	<10	<1
G227704	143.0-144.5	143.0	144.5	1.5	G227704	<0.005	0.3	1.64	175	<10	20	0.9	<2	8.8	<0.5	17	140	69	2.53	10	1
G227705	144.5-146.8	144.5	146.8	2.3	G227705	0.005	0.3	1.67	76	<10	30	0.7	2	7.33	<0.5	14	106	58	2.14	10	1
G227706	146.8-148.5	146.8	148.5	1.7	G227706	0.005	0.3	2.1	6	<10	40	0.7	<2	1.76	<0.5	18	151	58	2.87	10	1
G227707	148.5-150.5	148.5	150.5	2.0	G227707	<0.005	0.3	1.4	457	<10	30	0.6	<2	4.89	<0.5	15	63	53	2.68	10	<1
G227708	150.5-152.5	150.5	152.5	2.0	G227708	0.008	0.3	1.25	48	<10	60	0.6	<2	5.12	<0.5	14	52	54	2.65	10	<1
G227709	152.5-154.5	152.5	154.5	2.0	G227709	<0.005	0.3	0.79	167	<10	20	0.5	<2	3.84	<0.5	8	19	37	1.86	<10	<1
G227710	154.5-155.8	154.5	155.8	1.3	G227710	0.005	0.3	1.8	112	<10	40	0.8	<2	4.62	<0.5	19	92	57	2.71	10	<1
G227711	155.8-156.8	155.8	156.8	1.0	G227711	<0.005	0.2	1.84	31	<10	40	0.6	<2	2.58	<0.5	14	172	46	2.74	10	<1
G227712	167.4-169.0	167.4	169.0	1.6	G227712	<0.005	0.2	2.36	53	<10	120	0.7	<2	2.94	<0.5	17	248	38	3.17	10	1
G227713	169.0-170.1	169.0	170.1	1.1	G227713	<0.005	0.3	1.82	7	<10	120	0.6	<2	2.25	<0.5	20	215	35	2.81	10	<1
G227714	dup	169.0	170.1	1.1	G227714	<0.005	0.4	1.87	8	<10	130	0.5	2	3.42	<0.5	19	220	39	2.74	10	<1
G227715	std			0.0	G227715	7.64	13.7	1.44	51	<10	40	<0.5	2	3.12	3.9	32	27	>10000	6.81	<10	1
G227716	blk			0.0	G227716	0.005	0.5	0.24	<2	<10	20	<0.5	<2	18.8	<0.5	3	8	35	0.51	<10	<1
G227717	189.1-190.1	189.1	190.1	1.0	G227717	<0.005	0.3	1.98	13	<10	200	0.5	<2	2.28	<0.5	19	163	52	3.13	10	<1
G227718	190.1-191.2	190.1	191.2	1.1	G227718	<0.005	0.2	1.03	10	<10	60	0.8	<2	2.14	<0.5	6	13	18	2.19	10	<1
G227719	191.2-192.3	191.2	192.3	1.1	G227719	0.259	0.9	2.69	125	<10	70	1.3	3	3.79	<0.5	33	375	82	4.68	10	<1
G227720	192.3-193.8	192.3	193.8	1.5	G227720	0.049	0.4	1.74	73	<10	130	0.6	<2	5.64	<0.5	18	97	38	3.25	10	<1
G227721	193.8-195.7	193.8	195.7	1.9	G227721	<0.005	0.3	1.86	24	<10	100	0.7	<2	4.79	<0.5	19	79	25	3.87	10	<1
G227722	195.7-197.7	195.7	197.7	2.0	G227722	<0.005	0.5	0.83	26	<10	10	1	<2	8.94	<0.5	129	30	198	8.88	10	1
G227723	197.7-199.1	197.7	199.1	1.4	G227723	<0.005	0.2	2.44	35	<10	560	1.2	<2	7.32	<0.5	25	36	28	5.44	10	1
G227724	199.1-200.2	199.1	200.2	1.1	G227724	0.006	0.2	1.61	106	<10	<10	2.1	<2	9.23	<0.5	20	119	13	7.97	10	<1

G227668	0.18	10	0.89	293	1	0.04	8	620	12	1.02	2	6	109	<10	<20	<0.01	<10	<10	26	<10	22	
G227669	0.21	20	0.98	348	2	0.06	10	640	4	1.14	<2	8	144	<10	<20	0.01	<10	<10	39	<10	29	
G227670	0.22	10	1.18	480	8	0.06	39	520	<2	0.63	3	11	144	<10	<20	<0.01	<10	<10	40	<10	32	
G227671	0.22	10	1.19	677	2	0.01	8	160	10	0.7	9	3	104	<10	<20	<0.01	<10	<10	7	<10	24	
G227672	0.18	10	2.63	726	3	0.02	48	340	37	0.56	23	6	215	<10	<20	<0.01	<10	<10	21	<10	138	
G227673	0.13	10	4.09	829	1	0.02	30	220	5450	2.06	360	6	169	<10	<20	<0.01	<10	<10	21	20	7370	
G227674	0.17	10	1.77	303	1	0.02	63	210	24	0.39	9	7	140	<10	<20	<0.01	<10	<10	21	<10	349	
G227675	0.16	10	2.49	470	1	0.02	41	370	48	0.97	19	11	132	<10	<20	<0.01	<10	<10	38	<10	256	
G227676	0.12	10	2.18	515	1	0.01	17	660	9	0.7	2	14	169	<10	<20	<0.01	<10	<10	51	<10	58	
G227677	0.1	10	2.45	536	<1	0.01	22	930	10	0.8	3	15	191	<10	<20	<0.01	<10	<10	51	<10	55	
G227678	0.1	10	2.53	558	1	0.01	26	960	8	0.88	<2	15	187	<10	<20	<0.01	<10	<10	52	<10	55	
G227679	0.17	10	0.05	223	16	0.01	331	320	4	1.85	65	1	6	<10	<20	0.01	10	<10	18	<10	40	
G227680	0.13	<10	10.8	219	1	0.02	6	250	2	<0.01	4	1	49	<10	<20	0.01	<10	<10	5	<10	17	
G227681	0.16	20	2.58	610	2	0.01	60	1530	53	1.2	9	15	271	<10	<20	<0.01	<10	<10	43	10	410	
G227682	0.19	20	2.61	435	2	0.01	95	700	19	2.83	16	8	240	<10	<20	<0.01	<10	<10	23	<10	99	
G227683	0.1	<10	6.07	566	1	0.02	676	60	7	0.55	12	4	662	<10	<20	<0.01	<10	<10	8	<10	35	
G227684	0.13	20	1.97	395	<1	0.02	40	660	5	1.34	6	8	178	<10	<20	<0.01	<10	<10	31	<10	37	
G227685	0.17	30	2.12	512	1	0.02	38	550	10	0.73	4	12	200	<10	<20	<0.01	<10	<10	37	<10	65	
G227686	0.21	10	2.81	584	1	0.02	61	540	191	2.02	90	8	218	<10	<20	<0.01	<10	<10	24	<10	337	
G227687	0.26	10	2.49	650	1	0.02	31	1300	13	0.53	3	19	243	<10	<20	<0.01	<10	<10	47	<10	71	
G227688	0.23	30	2.74	745	2	0.01	19	1120	69	1.81	18	13	239	<10	<20	<0.01	<10	<10	59	<10	83	
G227689	0.49	20	2.15	724	2	0.04	33	1140	4	0.8	10	14	225	<10	<20	0.04	<10	<10	80	<10	61	
G227690	0.21	10	2.41	742	1	0.01	28	1000	6	0.88	7	15	285	<10	<20	<0.01	<10	<10	44	<10	46	
G227691	0.58	40	1.52	437	1	0.02	25	560	6	0.87	7	8	134	<10	<20	0.03	<10	<10	41	<10	44	
G227692	0.23	20	1.32	382	1	0.01	12	630	8	0.9	7	9	192	<10	<20	<0.01	<10	<10	22	<10	29	
G227693	0.16	20	0.96	230	2	0.01	3	450	11	0.63	2	5	144	<10	20	<0.01	<10	<10	12	<10	29	
G227694	0.2	10	1.12	224	2	0.02	2	440	86	1.16	13	3	144	<10	20	<0.01	<10	<10	5	<10	469	
G227695	0.38	20	1.39	326	3	0.01	28	420	26	0.94	9	8	144	<10	<20	0.01	<10	<10	30	<10	159	
G227696	0.18	20	5.19	574	1	0.02	23	260	9	0.54	2	7	464	<10	<20	<0.01	<10	<10	35	<10	155	
G227697	0.32	30	2.03	294	2	0.01	37	430	13	1.76	29	9	188	<10	<20	<0.01	<10	<10	33	<10	44	
G227698	0.27	10	1.2	296	4	0.01	28	680	80	6.31	26	8	89	20	<20	<0.01	<10	<10	24	<10	73	
G227699	0.28	10	1.35	266	16	0.01	41	780	5	1.82	6	7	115	<10	<20	0.01	<10	<10	39	<10	41	
G227700	0.1	20	0.79	277	1	0.04	47	520	5	0.8	7	6	110	<10	<20	0.04	<10	<10	38	<10	29	
G227701	0.05	<10	0.39	399	1	0.03	14	300	3	0.8	8	1	686	10	<20	0.02	<10	<10	6	<10	17	
G227702	0.05	<10	0.42	295	<1	0.03	6	310	4	<0.01	2	1	778	<10	<20	0.02	<10	10	5	<10	15	
G227703	0.03	<10	0.36	337	<1	0.02	9	320	4	<0.01	2	2	647	<10	<20	0.03	<10	<10	8	<10	39	
G227704	0.27	20	1.21	358	1	0.03	110	370	6	1.07	16	7	286	<10	<20	0.02	<10	<10	48	<10	34	
G227705	0.38	10	1.16	251	1	0.09	72	410	7	0.78	6	6	181	<10	<20	0.08	<10	<10	45	<10	37	
G227706	0.49	20	1.57	170	1	0.12	76	440	7	1.1	<2	7	86	<10	<20	0.07	<10	<10	54	<10	33	
G227707	0.27	10	0.89	209	1	0.09	34	440	7	1.4	21	5	117	<10	<20	0.09	<10	<10	42	<10	25	
G227708	0.33	10	0.95	249	1	0.04	42	960	5	0.95	9	5	121	<10	<20	0.14	<10	<10	44	<10	35	
G227709	0.19	40	0.5	177	1	0.03	10	410	9	1.02	15	3	124	<10	20	0.01	<10	<10	19	<10	24	
G227710	0.36	20	1.31	260	1	0.07	63	480	7	1.05	12	6	104	<10	<20	0.06	<10	<10	44	<10	32	
G227711	0.31	20	1.82	244	1	0.08	29	690	7	0.82	5	8	75	<10	<20	0.12	<10	<10	66	<10	38	
G227712	0.92	10	2.5	427	1	0.03	77	590	4	0.28	6	6	83	<10	<20	0.13	<10	<10	57	<10	49	
G227713	1.12	10	2	348	1	0.04	94	1500	3	0.32	<2	4	90	<10	<20	0.25	<10	<10	69	<10	48	
G227714	1.16	10	2.03	381	1	0.04	93	1470	3	0.28	2	4	116	<10	<20	0.25	<10	<10	70	<10	48	
G227715	0.21	<10	1.02	560	338	0.1	43	960	72	4.84	46	7	98	<10	<20	0.04	<10	<10	79	<10	129	3.31
G227716	0.13	<10	10.9	214	1	0.01	1	230	5	<0.01	<2	1	53	<10	<20	0.01	<10	<10	5	<10	15	
G227717	0.78	10	1.87	393	1	0.06	62	1260	3	0.3	2	6	105	<10	<20	0.19	<10	<10	76	<10	38	
G227718	0.26	50	0.87	268	1	0.02	6	560	4	0.27	<2	4	106	<10	20	0.01	<10	<10	24	<10	21	
G227719	1.28	10	3.25	657	1	0.04	153	2330	22	0.99	4	13	151	<10	20	0.21	<10	<10	129	<10	66	
G227720	0.53	10	1.66	633	<1	0.03	48	570	11	0.93	3	6	182	<10	<20	0.12	<10	<10	54	<10	42	
G227721	0.54	10	1.81	628	1	0.05	35	840	5	1.14	<2	5	164	<10	<20	0.11	<10	<10	57	<10	41	
G227722	0.05	10	0.96	1495	1	0.04	25	730	3	3.63	4	3	252	<10	<20	0.06	<10	<10	36	<10	39	
G227723	1.19	10	2.28	1305	2	0.06	13	1050	3	0.64	8	7	191	<10	<20	0.17	<10	<10	84	<10	55	
G227724	0.09	20	1.69	2430	1	0.02	74	4160	5	0.46	12	7	259	<10	<20	0.02	<10	<10	67	<10	73	

G227725	200.2-202.2	200.2	202.2	2.0	G227725	<0.005	<0.2	1.87	26	<10	160	0.9	<2	4.09	<0.5	13	50	24	3.02	<10	<1
G227726	202.2-204.2	202.2	204.2	2.0	G227726	<0.005	0.3	2.42	33	<10	230	0.7	<2	4.99	<0.5	17	45	13	4.2	10	<1
G227727	204.2-204.8	204.2	204.8	0.6	G227727	0.005	<0.2	2.73	72	<10	490	0.6	3	1.5	<0.5	17	66	29	4.17	10	1
G227848	204.8-206.1	204.8	206.1	1.3	G227848	<0.005	<0.2	1.41	29	<10	200	0.6	<2	9.45	<0.5	20	233	19	3.13	<10	<1
G227728	206.1-207.1	206.1	207.1	1.0	G227728	<0.005	<0.2	2.06	22	<10	320	<0.5	2	2.12	<0.5	14	62	13	3.19	10	<1
G227729	210.9-212.9	210.9	212.9	2.0	G227729	<0.005	<0.2	1.27	17	<10	100	0.5	<2	1.27	<0.5	6	21	8	2.17	10	<1
G227730	226.0-228.0	226.0	228.0	2.0	G227730	0.016	<0.2	1.87	45	<10	120	0.8	5	2.29	<0.5	11	23	26	3.37	10	1
G227731	228.0-229.3	228.0	229.3	1.3	G227731	<0.005	0.2	1.28	3	<10	70	<0.5	2	1.65	<0.5	6	16	7	2.26	<10	<1
G227732	229.3-231.3	229.3	231.3	2.0	G227732	<0.005	<0.2	1.18	2	<10	50	0.5	3	1.27	<0.5	5	12	5	2.24	10	<1

G227725	0.88	20	1.21	569	1	0.03	35	630	5	0.32	4	5	101	<10	<20	0.08	<10	<10	51	<10	47	
G227726	1.09	10	1.7	688	2	0.05	28	970	3	0.53	7	5	98	<10	<20	0.18	<10	<10	63	<10	47	
G227727	1.41	10	1.93	453	1	0.04	41	430	2	0.52	8	4	68	<10	<20	0.15	<10	<10	61	<10	50	
G227848	0.48	10	2.62	1040	<1	0.02	157	380	7	0.53	<2	4	283	<10	<20	0.06	<10	<10	26	<10	33	
G227728	1.18	10	1.67	352	1	0.04	36	530	<2	0.53	2	4	51	<10	<20	0.21	<10	<10	55	<10	36	
G227729	0.53	50	0.85	247	<1	0.03	7	480	2	0.25	<2	2	46	<10	20	0.06	<10	<10	23	<10	25	
G227730	0.79	40	1.3	383	<1	0.03	11	790	7	1.35	<2	3	87	<10	<20	0.08	<10	<10	45	<10	38	
G227731	0.65	50	0.89	334	1	0.04	7	430	2	0.37	<2	3	46	<10	20	0.08	<10	<10	28	<10	33	
G227732	0.51	60	0.79	307	1	0.03	3	510	3	0.26	<2	2	51	<10	30	0.05	<10	<10	19	<10	30	

Core Sample Intervals

Hole No: SG-09-39

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	AU-SCR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	AU-SCR	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
G227733	2.1-4.1	2.1	4.1	2.0	G227733	0.005		<0.2	1.36	129	<10	40	<0.5	<2	1.16	<0.5	6	8	80	2.3	10
G227734	4.1-6.1	4.1	6.1	2.0	G227734	<0.005		<0.2	1.27	13	<10	40	<0.5	<2	0.97	<0.5	6	10	71	2.52	10
G227735	6.1-8.1	6.1	8.1	2.0	G227735	0.017		<0.2	1.18	158	<10	20	<0.5	<2	1.41	<0.5	7	7	82	2.37	10
G227736	8.1-9.7	8.1	9.7	1.6	G227736	0.052		<0.2	2.41	179	<10	30	0.8	<2	1.66	<0.5	8	19	123	2.73	10
G227737	9.7-10.2	9.7	10.2	0.5	G227737	0.017		3.2	1.44	73	<10	50	0.8	16	1.88	<0.5	10	26	214	2.92	<10
G227738	10.2-12.2	10.2	12.2	2.0	G227738	0.016		<0.2	3.4	47	<10	40	1.1	<2	2.14	<0.5	11	42	158	2.8	10
G227739	12.2-14.0	12.2	14.0	1.8	G227739	0.021		<0.2	3.35	27	<10	40	0.5	<2	2.35	<0.5	22	19	121	4.08	10
G227740	14.0-16.0	14.0	16.0	2.0	G227740	<0.005		<0.2	1.54	13	<10	20	<0.5	<2	1.13	<0.5	7	8	40	2.55	10
G227741	16.0-17.2	16.0	17.2	1.2	G227741	0.011		<0.2	1.35	9	<10	20	<0.5	<2	0.97	<0.5	7	7	59	2.56	10
G227742	17.2-19.2	17.2	19.2	2.0	G227742	0.014		0.6	3.02	20	<10	60	<0.5	4	2.31	<0.5	16	10	179	3.57	10
G227743	19.2-21.2	19.2	21.2	2.0	G227743	0.066		0.5	2.96	26	<10	40	0.5	<2	2.37	<0.5	19	28	140	2.66	10
G227744	21.2-23.2	21.2	23.2	2.0	G227744	0.018		0.4	2.5	45	<10	30	0.9	<2	1.94	<0.5	9	37	73	2.25	10
G227745	23.2-24.7	23.2	24.7	1.5	G227745	0.012		0.2	3.48	13	<10	10	0.9	2	2.5	<0.5	16	29	85	2.57	10
G227746	24.7-26.7	24.7	26.7	2.0	G227746	<0.005		0.3	2.25	14	<10	10	1	2	1.77	<0.5	7	17	40	1.66	10
G227747	26.7-28.7	26.7	28.7	2.0	G227747	0.015		<0.2	2.28	314	<10	20	0.8	<2	1.92	0.6	7	15	46	2.3	10
G227748	28.7-30.6	28.7	30.6	1.9	G227748	0.013		0.2	1.35	97	<10	10	<0.5	<2	1.28	1.1	5	8	63	2.4	10
G227749	30.6-31.9	30.6	31.9	1.3	G227749	0.007		0.4	1.25	18	<10	20	<0.5	<2	1.74	0.5	6	13	84	2.39	<10
G227750	dup	30.6	31.9	1.3	G227750	0.005		0.4	1.03	12	<10	10	<0.5	<2	1.69	0.5	5	12	64	2.18	<10
G227751	std			0.0	G227751	0.117		0.8	2	44	<10	220	0.5	3	4.22	1.3	20	35	1130	5.17	10
G227752	blk			0.0	G227752	<0.005		<0.2	0.25	<2	<10	20	<0.5	<2	19.7	<0.5	1	8	<1	0.53	<10
G227753	31.9-33.8	31.9	33.8	1.9	G227753	0.008		0.2	1.2	8	<10	30	<0.5	<2	1.46	<0.5	3	8	48	1.84	<10
G227754	33.8-35.8	33.8	35.8	2.0	G227754	<0.005		0.2	0.91	7	<10	10	<0.5	<2	1.29	<0.5	5	9	36	1.62	<10
G227755	35.8-37.8	35.8	37.8	2.0	G227755	0.006		0.4	0.63	12	<10	20	<0.5	<2	1.48	<0.5	4	8	108	1.99	<10
G227756	37.8-39.8	37.8	39.8	2.0	G227756	0.015		0.5	0.63	103	<10	10	<0.5	<2	2.91	<0.5	7	5	172	2.07	<10
G227757	39.8-41.8	39.8	41.8	2.0	G227757	0.011		0.3	1.1	26	<10	20	<0.5	<2	1.49	<0.5	4	12	72	1.86	<10
G227758	41.8-42.7	41.8	42.7	0.9	G227758	0.006		<0.2	0.81	8	<10	10	<0.5	<2	0.97	<0.5	4	6	33	1.54	<10
G227759	42.7-43.2	42.7	43.2	0.5	G227759	0.081		1.2	0.79	157	<10	20	<0.5	<2	2.18	17.6	7	10	218	2.54	<10
G227760	43.2-45.2	43.2	45.2	2.0	G227760	<0.005		<0.2	0.79	10	<10	10	<0.5	<2	1.01	<0.5	4	7	23	1.82	<10
G227761	45.2-47.2	45.2	47.2	2.0	G227761	1.045		0.9	0.57	218	<10	10	<0.5	3	2.12	1.7	5	6	110	2.39	<10
G227762	47.2-49.2	47.2	49.2	2.0	G227762	0.008		<0.2	1.04	10	<10	10	<0.5	<2	1.11	0.5	4	8	42	1.81	10
G227763	49.2-51.2	49.2	51.2	2.0	G227763	0.067		<0.2	1.55	20	<10	20	0.8	2	1.48	<0.5	3	19	41	2.16	10
G227764	51.2-53.2	51.2	53.2	2.0	G227764	0.020		0.5	0.98	19	<10	20	<0.5	<2	1.87	<0.5	5	14	120	2.24	<10
G227765	53.2-55.2	53.2	55.2	2.0	G227765	0.020		0.4	1.25	15	<10	70	<0.5	<2	1.98	0.6	6	9	88	2.5	10
G227766	55.2-57.2	55.2	57.2	2.0	G227766	0.017		0.2	0.62	12	<10	10	<0.5	<2	2.12	0.7	4	5	32	1.77	<10
G227767	57.2-59.1	57.2	59.1	1.9	G227767	0.011		1	0.74	21	<10	10	<0.5	<2	1.94	<0.5	4	7	127	1.6	<10
G227768	59.1-60.0	59.1	60.0	0.9	G227768	0.439		1	1.22	61	<10	80	0.5	<2	1.72	2.6	11	7	297	2.42	10
G227769	60.0-61.2	60.0	61.2	1.2	G227769	0.031		0.6	1.29	52	<10	30	1	<2	3.18	1.2	6	11	116	2.01	10
G227770	61.2-63.2	61.2	63.2	2.0	G227770	0.042		0.3	1.31	47	<10	30	0.6	<2	1.81	3.4	6	11	66	1.74	<10
G227771	63.2-65.2	63.2	65.2	2.0	G227771	0.007		<0.2	0.75	19	<10	30	<0.5	2	1.39	<0.5	5	19	28	1.89	<10
G227772	65.2-67.2	65.2	67.2	2.0	G227772	0.006		0.2	0.46	48	<10	20	<0.5	<2	1.44	<0.5	4	4	53	1.94	<10
G227773	67.2-68.8	67.2	68.8	1.6	G227773	0.005		<0.2	0.68	26	<10	20	<0.5	<2	1.52	<0.5	2	8	32	1.74	<10
G227774	68.8-70.8	68.8	70.8	2.0	G227774	0.022		0.8	1.41	40	<10	130	0.5	3	3.5	1.2	9	8	158	2.81	10
G227775	70.8-72.8	70.8	72.8	2.0	G227775	0.029		0.3	1.72	22	<10	140	<0.5	2	2.72	1.7	14	140	158	2.91	<10
G227776	72.8-74.0	72.8	74.0	1.2	G227776	0.052		0.4	3.24	40	<10	120	1	<2	3.44	1.4	23	25	232	4.13	10
G227777	74.0-76.1	74.0	76.1	2.1	G227777	0.008		0.2	0.68	76	<10	20	0.5	<2	2.3	<0.5	8	4	96	2.62	<10
G227778	76.1-78.1	76.1	78.1	2.0	G227778	0.149		0.4	0.46	177	<10	30	0.7	<2	3.74	<0.5	8	20	119	2.49	<10
G227779	78.1-79.1	78.1	79.1	1.0	G227779	0.102		1.2	0.73	186	<10	90	1.2	3	4	3.2	12	6	144	3.62	<10
G227780	79.1-81.1	79.1	81.1	2.0	G227780	0.020		<0.2	0.33	65	<10	70	<0.5	<2	1.56	<0.5	3	3	20	1.75	<10
G227781	81.1-83.1	81.1	83.1	2.0	G227781	0.010		0.2	0.45	62	<10	60	0.7	<2	2.17	<0.5	4	5	62	1.88	<10
G227782	83.1-84.7	83.1	84.7	1.6	G227782	0.217		0.8	0.63	221	<10	30	1.2	3	5.4	0.8	9	24	104	3.29	<10
G227783	84.7-85.4	84.7	85.4	0.7	G227783	0.070		0.2	0.53	896	<10	30	0.6	2	2.04	<0.5	6	9	79	2.1	<10
G227784	85.4-85.9	85.4	85.9	0.5	G227784	>10.0	63.8	46.7	0.36	>10000	<10	20	0.6	522	4.27	13	160	5	589	7.85	<10
G227785	85.9-87.9	85.9	87.9	2.0	G227785	0.015		0.3	0.54	72	<10	40	0.7	2	1.56	<0.5	5	5	70	2.02	<10
G227786	dup	85.9	87.9	2.0	G227786	0.113		0.2	0.6	86	<10	40	0.6	<2	1.27	<0.5	5	5	67	1.99	<10
G227787	std			0.0	G227787	7.88		13.1	1.43	57	<10	30	<0.5	2	3.19	4.6	33	26	>10000	7.13	10
G227788	blk			0.0	G227788	<0.005		0.5	0.3	<2	<10	20	<0.5	<2	18.3	<0.5	3	10	3	0.5	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Cu
DESCRIPTION	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G227733	<1	0.12	10	0.67	134	18	0.11	2	240	4	0.99	<2	7	25	<10	<20	0.08	<10	<10	22	<10	23	
G227734	<1	0.13	10	0.67	134	9	0.12	2	270	5	1.17	3	8	22	<10	<20	0.09	<10	10	23	<10	20	
G227735	<1	0.14	10	0.71	116	14	0.08	3	240	5	1.25	<2	6	20	<10	<20	0.04	<10	10	19	<10	21	
G227736	<1	0.27	10	0.91	157	8	0.21	6	310	5	1.24	<2	8	50	<10	<20	0.1	<10	10	29	<10	25	
G227737	1	0.46	20	0.54	99	60	0.1	11	350	40	1.93	2	3	55	<10	<20	0.03	<10	10	17	<10	23	
G227738	<1	0.47	20	0.97	166	5	0.35	16	390	10	1.36	<2	6	75	<10	<20	0.1	<10	<10	28	<10	26	
G227739	<1	0.28	<10	1	226	4	0.27	10	320	11	1.74	2	9	134	<10	<20	0.18	<10	<10	124	<10	30	
G227740	<1	0.13	<10	0.78	135	23	0.15	3	280	3	1.5	<2	7	40	<10	<20	0.1	<10	10	27	<10	21	
G227741	<1	0.13	<10	0.75	153	4	0.1	2	280	6	1.28	2	8	23	<10	<20	0.09	<10	<10	28	<10	27	
G227742	<1	0.42	10	1.04	224	59	0.24	6	310	12	1.51	<2	9	77	<10	<20	0.11	<10	<10	77	<10	30	
G227743	1	0.25	10	0.93	195	7	0.24	11	310	8	1.42	2	8	147	<10	<20	0.11	<10	<10	61	<10	24	
G227744	<1	0.24	20	0.91	183	5	0.21	12	300	9	0.93	<2	6	100	<10	<20	0.1	<10	<10	37	<10	31	
G227745	1	0.18	10	0.79	163	2	0.29	11	280	7	1.58	<2	6	265	<10	<20	0.11	<10	<10	48	<10	26	
G227746	<1	0.21	20	0.65	116	122	0.21	6	190	8	1.03	<2	4	112	<10	20	0.05	<10	<10	23	<10	18	
G227747	<1	0.21	10	0.79	126	1	0.22	7	260	8	1.72	4	5	112	<10	<20	0.05	<10	<10	23	<10	28	
G227748	<1	0.13	10	0.62	93	4	0.14	1	230	5	1.79	<2	5	54	<10	<20	0.02	<10	<10	8	<10	41	
G227749	<1	0.19	10	0.45	100	4	0.13	2	230	7	1.92	<2	4	61	<10	<20	0.03	<10	<10	9	<10	22	
G227750	<1	0.16	10	0.42	96	3	0.1	2	210	9	1.77	<2	3	51	<10	<20	0.02	<10	<10	7	<10	20	
G227751	<1	0.33	10	1.86	827	13	0.12	28	1370	16	1.48	5	10	158	<10	<20	0.04	<10	<10	131	<10	101	
G227752	1	0.13	10	12.35	229	<1	0.01	6	260	6	<0.01	<2	1	55	<10	<20	0.01	<10	<10	5	<10	14	
G227753	<1	0.16	10	0.54	107	6	0.13	<1	190	7	1.3	<2	4	81	<10	<20	0.04	<10	<10	9	<10	18	
G227754	<1	0.12	10	0.51	94	3	0.09	2	180	6	1.12	<2	4	29	<10	<20	0.05	<10	<10	14	<10	15	
G227755	<1	0.15	10	0.3	88	7	0.06	<1	180	7	1.54	<2	3	27	<10	<20	0.01	<10	<10	6	<10	18	
G227756	<1	0.22	10	0.23	131	39	0.02	2	190	7	1.65	3	3	34	<10	<20	<0.01	<10	<10	6	<10	18	
G227757	<1	0.17	10	0.5	95	7	0.11	2	170	5	1.2	<2	4	35	<10	<20	0.01	<10	<10	7	<10	20	
G227758	<1	0.14	10	0.59	76	37	0.07	<1	180	7	1.23	<2	4	24	<10	<20	0.01	<10	<10	7	<10	13	
G227759	<1	0.15	10	0.45	101	10	0.03	3	140	8	1.99	<2	3	46	<10	<20	<0.01	<10	<10	10	<10	568	
G227760	<1	0.14	10	0.51	71	1	0.07	1	180	7	1.39	<2	3	25	<10	<20	0.01	<10	<10	5	<10	14	
G227761	<1	0.2	10	0.26	97	2	0.03	<1	150	10	2.18	<2	2	31	<10	<20	<0.01	<10	<10	4	<10	63	
G227762	<1	0.1	<10	0.75	100	1	0.1	1	270	5	1.23	<2	8	32	<10	<20	0.08	<10	<10	27	<10	25	
G227763	1	0.17	10	0.89	110	2	0.16	4	220	4	1.92	<2	5	51	<10	20	0.05	<10	10	17	<10	25	
G227764	<1	0.27	10	0.75	98	7	0.06	3	250	6	2.23	<2	3	35	<10	<20	0.03	<10	<10	12	<10	14	
G227765	<1	0.35	10	0.91	124	2	0.1	3	190	6	2.16	<2	4	39	<10	<20	0.03	<10	<10	20	<10	31	
G227766	<1	0.19	10	0.35	97	3	0.03	<1	180	5	1.72	<2	2	29	<10	<20	<0.01	<10	<10	4	<10	29	
G227767	<1	0.21	10	0.45	99	67	0.04	1	160	5	1.4	<2	3	37	<10	<20	<0.01	<10	<10	9	<10	17	
G227768	<1	0.38	20	0.83	124	61	0.06	4	220	7	1.97	<2	4	49	<10	<20	0.02	<10	<10	16	<10	108	
G227769	<1	0.3	30	0.76	154	24	0.03	6	280	7	1.28	<2	4	56	<10	<20	0.01	<10	<10	15	<10	55	
G227770	<1	0.24	10	0.86	138	10	0.09	4	270	<2	0.78	2	5	34	<10	<20	0.02	<10	<10	16	<10	141	
G227771	<1	0.2	10	0.49	126	22	0.06	5	170	<2	1.34	<2	3	65	<10	<20	<0.01	<10	<10	8	<10	20	
G227772	<1	0.17	10	0.34	120	6	0.04	2	120	3	1.53	<2	2	19	<10	<20	<0.01	<10	<10	3	<10	16	
G227773	<1	0.2	10	0.58	146	24	0.05	2	150	3	1.05	<2	3	29	<10	<20	<0.01	<10	<10	5	<10	16	
G227774	<1	0.25	10	0.91	622	32	0.1	3	260	7	1.72	<2	7	77	<10	<20	0.02	<10	<10	23	<10	69	
G227775	<1	0.14	<10	1.62	332	12	0.14	26	140	6	1.36	<2	12	85	<10	<20	0.06	<10	<10	57	<10	96	
G227776	<1	0.3	10	1.48	315	4	0.27	16	260	5	1.95	2	13	122	<10	<20	0.06	<10	<10	71	<10	84	
G227777	<1	0.15	10	0.75	250	37	0.01	2	190	7	1.44	2	6	52	<10	<20	<0.01	<10	<10	7	<10	19	
G227778	<1	0.19	10	1.23	351	19	0.01	28	370	6	1.2	4	4	188	<10	20	<0.01	<10	<10	14	<10	34	
G227779	<1	0.25	10	1.31	371	3	<0.01	18	1100	180	2.39	6	8	182	<10	<20	<0.01	<10	<10	24	<10	289	
G227780	<1	0.17	20	0.54	218	3	<0.01	2	100	5	1.12	<2	1	63	<10	20	<0.01	<10	<10	2	<10	9	
G227781	<1	0.2	20	0.67	236	1	<0.01	13	180	7	1.14	2	1	91	<10	20	<0.01	<10	10	3	<10	17	
G227782	<1	0.22	10	1.95	639	3	<0.01	41	480	9	1.61	7	5	240	<10	<20	<0.01	<10	<10	15	<10	48	
G227783	<1	0.23	10	0.72	230	1	<0.01	10	160	5	0.9	4	3	78	<10	20	<0.01	<10	<10	7	<10	18	
G227784	<1	0.2	10	1.37	502	<1	<0.01	26	140	209	6.79	37	2	180	10	<20	<0.01	<10	<10	5	<10	594	
G227785	<1	0.26	20	0.49	197	1	<0.01	4	160	5	0.99	2	1	72	<10	20	<0.01	<10	<10	5	<10	21	
G227786	<1	0.29	20	0.41	180	1	<0.01	3	140	7	0.98	<2	1	62	<10	20	<0.01	<10	<10	3	<10	17	
G227787	<1	0.2	<10	1.04	586	361	0.08	42	990	73	5.4	48	7	91	<10	<20	0.04	<10	<10	79	<10	132	3.17
G227788	<1	0.16	<10	11.1	216	<1	0.01	2	250	3	<0.01	<2	1	46	<10	<20	0.01	<10	<10	5	<10	15	

G227789	87.9-89.9	87.9	89.9	2.0	G227789	0.011		0.5	1.46	130	<10	40	1.7	2	4.51	<0.5	18	27	255	3.87	<10	
G227790	89.9-91.9	89.9	91.9	2.0	G227790	0.020		0.2	0.57	156	<10	40	0.9	2	2.99	2.6	6	24	68	2.14	<10	
G227791	91.9-92.8	91.9	92.8	0.9	G227791	0.007		0.2	0.48	74	<10	30	0.6	<2	1.83	<0.5	7	7	107	2.11	<10	
G227792	92.8-93.6	92.8	93.6	0.8	G227792	0.006		0.2	0.72	58	<10	20	1	<2	5.25	<0.5	16	28	274	3.78	<10	
G227793	93.6-95.6	93.6	95.6	2.0	G227793	0.353		1	0.64	1485	<10	20	1.1	5	5.06	2.3	16	39	212	4.93	<10	
G227794	95.6-96.8	95.6	96.8	1.2	G227794	<0.005		<0.2	2.45	46	<10	70	2.2	<2	3.6	<0.5	22	42	121	5.2	10	
G227795	96.8-98.8	96.8	98.8	2.0	G227795	0.015		0.7	0.79	194	<10	30	1.1	2	4.77	<0.5	18	16	208	3.7	<10	
G227796	98.8-101.8	98.8	101.8	3.0	G227796	0.007		<0.2	0.95	236	<10	40	1.4	<2	3.58	<0.5	9	30	33	2.45	<10	
G227797	101.8-102.5	101.8	102.5	0.7	G227797	0.008		<0.2	1.04	1350	10	40	1.8	2	6.1	<0.5	16	79	67	3.65	<10	
G227798	102.5-104.5	102.5	104.5	2.0	G227798	<0.005		<0.2	2.31	76	<10	120	0.9	2	1.72	<0.5	17	68	47	4.08	10	
G227799	104.5-105.3	104.5	105.3	0.8	G227799	0.009		<0.2	2.39	82	<10	200	0.9	2	3.58	<0.5	22	179	35	4.36	10	
G227800	105.3-106.3	105.3	106.3	1.0	G227800	0.01		0.2	0.68	63	<10	40	0.7	2	3.21	<0.5	11	29	107	3.2	<10	
G227801	106.3-108.3	106.3	108.3	2.0	G227801	<0.005		<0.2	0.91	66	<10	60	0.8	<2	3.4	<0.5	13	35	69	3.33	<10	
G227802	108.3-109.3	108.3	109.3	1.0	G227802	0.008		<0.2	0.57	59	<10	30	0.9	<2	3.64	<0.5	10	22	66	2.62	<10	
G227803	109.3-110.8	109.3	110.8	1.5	G227803	0.012		0.2	0.58	77	<10	40	1.1	<2	3.43	0.7	14	17	51	3.26	<10	
G227804	110.8-112.8	110.8	112.8	2.0	G227804	<0.005		<0.2	1.18	32	<10	70	1.2	<2	4.36	<0.5	15	60	75	3.29	10	
G227805	112.8-114.2	112.8	114.2	1.4	G227805	<0.005		0.2	0.42	16	<10	20	1.1	<2	3.47	1.3	9	10	28	1.92	<10	
G227806	114.2-115.2	114.2	115.2	1.0	G227806	0.007		0.3	1.8	58	<10	30	1.4	<2	4.43	<0.5	21	24	134	4.95	<10	
G227807	115.2-117.2	115.2	117.2	2.0	G227807	0.013		0.3	0.57	228	<10	40	1.4	<2	5.94	<0.5	21	58	124	3.14	<10	
G227808	117.2-118.9	117.2	118.9	1.7	G227808	0.014		<0.2	0.45	85	<10	430	0.8	<2	2.92	<0.5	13	15	43	1.93	<10	
G227809	118.9-120.6	118.9	120.6	1.7	G227809	0.016		0.2	0.47	305	10	20	1.1	2	5.36	0.8	16	105	99	2.4	<10	
G227810	120.6-122.6	120.6	122.6	2.0	G227810	0.027		1.3	0.33	757	<10	20	0.9	3	7.65	1.6	13	33	78	2.91	<10	
G227811	122.6-124.6	122.6	124.6	2.0	G227811	0.088		4.6	0.52	846	<10	20	1.7	2	7.52	6.2	18	51	1310	2.55	<10	
G227812	124.6-125.0	124.6	125.0	0.4	G227812	0.059		1	0.54	299	<10	20	1.7	<2	6.86	0.8	26	41	129	3.2	<10	
G227813	125.0-127.0	125.0	127.0	2.0	G227813	0.053		1.7	0.35	203	<10	30	1.6	<2	10.6	<0.5	9	29	73	2.39	<10	
G227814	127.0-128.0	127.0	128.0	1.0	G227814	0.235		1.4	0.46	1010	<10	40	2.5	<2	9.1	<0.5	16	20	125	2.9	<10	
G227815	128.0-129.6	128.0	129.6	1.6	G227815	0.110		0.8	0.43	421	<10	70	2	2	11.35	<0.5	11	60	68	2.89	<10	
G227816	129.6-131.6	129.6	131.6	2.0	G227816	0.015		0.4	0.37	351	<10	660	1.5	<2	11	<0.5	11	112	47	2.43	<10	
G227817	131.6-133.2	131.6	133.2	1.6	G227817	0.015		0.5	0.48	244	<10	50	2	<2	8.01	<0.5	17	77	68	2.38	<10	
G227818	133.2 - 134.0	133.2	134.0	0.8	G227818	0.005		0.2	0.42	223	10	20	1.9	<2	8.14	<0.5	29	124	31	2.64	<10	
G227819	134.0 - 134.75	134.0	134.75	0.75	G227819	0.073		1.2	0.37	5990	<10	20	1.5	<2	9.29	2.1	13	42	34	3.47	<10	
G227820	134.75 - 136.0	134.75	136.0	1.25	G227820	0.010		0.5	0.43	285	<10	30	1.6	<2	6.91	<0.5	10	32	41	2.15	<10	
G227821	136.0 - 137.0	136.0	137.0	1.0	G227821	0.048		1.6	0.39	515	<10	10	1.1	22	7.06	<0.5	20	45	89	4.42	<10	
G227822	Duplicate	136.0	137.0	1.0	G227822	0.036		0.9	0.38	323	<10	10	1.1	28	6.95	<0.5	20	46	61	3.9	<10	
G227823	Standard				G227823	0.218		1.1	2.01	51	<10	150	0.5	2	4.51	1.3	21	35	1185	5.43	10	
G227824	Blank				G227824	<0.005		<0.2	0.23	7	<10	30	<0.5	<2	19.1	<0.5	3	8	9	0.53	<10	
G227825	137.0 - 139.0	137.0	139.0	2.0	G227825	0.008		0.5	0.32	47	<10	180	1.3	<2	10.65	0.7	13	92	72	3.26	<10	
G227826	139.0 - 140.9	139.0	140.9	1.9	G227826	0.008		0.7	0.33	73	<10	110	1.8	2	12.05	1.1	14	139	77	3.44	<10	
G227827	140.9 - 142.9	140.9	142.9	2.0	G227827	0.007		0.4	0.32	47	<10	170	1.4	<2	10.95	0.5	8	67	37	2.67	<10	
G227828	142.9 - 144.9	142.9	144.9	2.0	G227828	0.005		0.4	0.3	43	<10	160	1.1	<2	11.05	0.5	9	38	37	3.05	<10	
G227829	144.9 - 146.7	144.9	146.7	1.8	G227829	<0.005		0.4	0.29	80	<10	20	1.4	<2	10.9	0.8	12	151	58	2.57	<10	
G227830	146.7 - 148.4	146.7	148.4	1.7	G227830	0.005		0.3	0.24	55	<10	180	1.2	<2	11.9	0.6	7	77	33	2.65	<10	
G227831	148.4 - 150.5	148.4	150.5	2.1	G227831	0.014		0.8	0.37	69	<10	20	1.1	3	8.71	3.5	14	40	109	3.36	<10	
G227832	150.5 - 151.8	150.5	151.8	1.3	G227832	0.006		0.4	0.33	38	<10	40	1	<2	7.69	1	9	14	55	2.7	<10	
G227833	151.8 - 152.6	151.8	152.6	0.8	G227833	<0.005		0.3	0.16	35	<10	30	0.9	<2	15.1	0.5	1	36	10	3.56	<10	
G227834	152.6 - 154.0	152.6	154.0	1.4	G227834	0.005		0.6	0.45	155	<10	30	1	<2	11.95	0.8	6	146	42	3.43	<10	
G227835	154.0 - 155.3	154.0	155.3	1.3	G227835	<0.005		0.2	0.95	409	<10	10	0.7	<2	9.96	<0.5	12	104	60	2.09	<10	
G227836	155.3 - 157.1	155.3	157.1	1.8	G227836	<0.005		<0.2	1.11	364	<10	80	0.8	<2	10.75	<0.5	11	68	37	2.26	<10	
G227837	157.1 - 158.5	157.1	158.5	1.4	G227837	<0.005		<0.2	1.63	48	<10	20	1.3	<2	6.12	<0.5	16	54	25	2.8	<10	
G227838	158.5 - 159.5	158.5	159.5	1.0	G227838	<0.005		<0.2	1.15	68	<10	30	1.1	<2	4.87	<0.5	15	63	41	1.95	<10	
G227839	166.2 - 167.1	166.2	167.1	0.9	G227839	0.025		1.7	0.68	1480	<10	10	0.6	2	16.9	0.8	7	20	236	2.55	<10	
G227840	167.1 - 169.1	167.1	169.1	2.0	G227840	<0.005		<0.2	1.48	73	<10	70	0.7	<2	4.17	<0.5	12	98	33	2.16	10	
G227841	169.1 - 170.1	169.1	170.1	1.0	G227841	<0.005		0.2	1.33	119	<10	50	0.8	<2	4.52	<0.5	13	44	42	2.29	10	
G227842	181.4 - 182.4	181.4	182.4	1.0	G227842	0.011		0.3	1.9	82	<10	140	0.9	6	2.33	<0.5	14	45	38	3.03	10	

G227789	<1	0.17	30	1.43	586	<1	0.04	21	920	7	1.98	3	9	237	<10	20	<0.01	<10	<10	41	<10	48	
G227790	<1	0.22	30	0.73	455	1	0.02	8	200	7	0.91	2	6	119	<10	20	<0.01	<10	<10	13	<10	121	
G227791	<1	0.24	40	0.6	238	1	0.01	7	200	7	1.12	2	2	62	<10	30	<0.01	<10	<10	5	<10	15	
G227792	<1	0.11	30	1.88	530	<1	<0.01	27	870	7	2.01	2	9	347	<10	20	<0.01	<10	<10	37	<10	39	
G227793	<1	0.19	10	1.71	497	1	<0.01	57	850	10	3.12	9	10	168	<10	<20	<0.01	<10	<10	40	<10	126	
G227794	<1	0.44	10	1.79	467	1	0.03	30	640	6	1.77	<2	19	202	<10	<20	0.02	<10	<10	99	<10	44	
G227795	<1	0.24	30	1.67	779	<1	<0.01	15	710	14	2.36	3	6	139	<10	20	<0.01	<10	<10	27	<10	32	
G227796	<1	0.28	30	1.18	390	<1	0.01	33	560	7	0.73	2	7	159	<10	20	<0.01	<10	<10	22	<10	30	
G227797	<1	0.3	10	2.37	606	<1	0.01	84	840	4	0.69	7	15	286	<10	<20	<0.01	<10	<10	47	<10	42	
G227798	<1	0.9	30	1.6	348	<1	0.08	48	590	5	0.85	<2	8	92	<10	<20	0.08	<10	<10	56	<10	33	
G227799	<1	1.21	10	2.74	591	1	0.15	116	1250	3	0.68	2	12	153	<10	<20	0.16	<10	<10	90	<10	50	
G227800	<1	0.21	10	1.31	377	<1	0.02	25	470	4	0.79	2	11	132	<10	<20	0.01	<10	<10	44	<10	31	
G227801	<1	0.37	20	1.47	370	<1	0.04	36	430	6	0.79	<2	8	114	<10	<20	0.02	<10	<10	35	<10	30	
G227802	<1	0.18	20	1.37	353	<1	0.02	23	340	5	0.5	2	7	102	<10	<20	<0.01	<10	<10	24	<10	26	
G227803	<1	0.21	30	1.28	392	1	0.02	29	660	7	1.11	<2	8	131	<10	<20	0.01	<10	<10	27	<10	64	
G227804	<1	0.41	30	1.73	540	1	0.08	47	780	7	0.99	<2	10	186	<10	<20	0.04	<10	<10	49	<10	44	
G227805	<1	0.15	20	1.18	360	1	0.02	10	280	13	0.51	<2	6	137	<10	<20	<0.01	<10	<10	15	<10	74	
G227806	<1	0.25	10	1.3	541	<1	0.19	12	350	8	2	3	23	192	<10	<20	0.01	<10	<10	95	<10	40	
G227807	<1	0.2	20	1.99	675	1	0.02	118	380	7	0.69	4	14	181	<10	<20	<0.01	<10	<10	48	<10	44	
G227808	<1	0.18	10	0.96	227	1	0.01	32	300	7	0.51	4	8	85	<10	<20	<0.01	<10	<10	20	<10	22	
G227809	<1	0.2	10	1.84	338	<1	0.02	171	310	20	1.14	23	8	161	<10	<20	<0.01	<10	<10	24	<10	107	
G227810	1	0.14	10	3.28	518	<1	0.02	34	250	32	1.44	31	6	289	<10	<20	<0.01	<10	<10	18	<10	154	
G227811	<1	0.16	<10	2.86	559	4	0.02	74	370	172	1.25	280	8	192	<10	<20	<0.01	<10	<10	21	<10	514	
G227812	<1	0.16	<10	2.25	536	2	0.03	68	460	18	1.91	45	8	166	<10	<20	<0.01	<10	<10	21	<10	84	
G227813	<1	0.13	<10	3.52	769	3	0.03	35	200	8	0.57	33	6	303	<10	<20	<0.01	<10	<10	17	10	30	
G227814	<1	0.19	<10	2.98	831	6	0.02	47	310	9	1.33	65	7	271	<10	<20	<0.01	<10	<10	16	<10	38	
G227815	<1	0.16	<10	3.84	968	5	0.02	52	370	7	0.91	34	7	337	<10	<20	<0.01	<10	<10	21	<10	29	
G227816	<1	0.14	<10	4.39	993	1	0.03	106	220	8	0.38	36	7	327	<10	<20	<0.01	<10	<10	19	<10	32	
G227817	<1	0.19	10	3.22	717	2	0.02	90	410	15	0.54	17	10	214	<10	<20	<0.01	<10	<10	24	<10	48	
G227818	<1	0.16	10	3.07	764	1	0.02	55	580	11	0.29	12	37	193	<10	<20	<0.01	<10	<10	88	<10	55	
G227819	<1	0.14	10	4.15	891	1	0.02	36	300	43	1.77	71	13	215	<10	<20	<0.01	10	<10	30	<10	479	
G227820	<1	0.17	10	2.85	485	2	0.02	30	440	36	0.63	27	11	191	<10	<20	<0.01	<10	<10	32	<10	37	
G227821	<1	0.17	<10	3.05	449	2	0.02	55	630	95	3.41	38	9	182	<10	<20	<0.01	<10	<10	25	<10	33	
G227822	<1	0.16	<10	2.97	465	1	0.02	53	700	25	2.71	23	10	174	<10	<20	<0.01	<10	<10	26	<10	25	
G227823	1	0.34	10	1.89	859	13	0.12	25	1380	12	1.5	6	11	154	<10	<20	0.04	<10	<10	135	<10	107	
G227824	<1	0.12	<10	11.6	226	<1	0.02	2	260	2	<0.01	3	1	51	<10	<20	0.01	<10	10	4	<10	14	
G227825	<1	0.12	10	4.84	573	<1	0.02	28	330	26	0.74	27	12	286	<10	<20	<0.01	<10	<10	50	<10	71	
G227826	<1	0.11	10	5.42	621	<1	0.03	47	290	55	0.88	27	15	297	<10	<20	<0.01	<10	<10	54	<10	120	
G227827	<1	0.1	10	5.16	636	1	0.03	24	210	27	0.32	15	8	289	<10	<20	<0.01	<10	<10	27	<10	62	
G227828	<1	0.1	10	5.33	736	<1	0.03	15	190	29	0.39	17	6	284	<10	<20	<0.01	<10	<10	23	<10	62	
G227829	<1	0.1	10	5.32	553	1	0.03	44	180	31	0.36	27	3	250	<10	<20	<0.01	<10	<10	14	<10	116	
G227830	<1	0.08	<10	6.1	665	<1	0.03	33	170	18	0.2	17	5	230	<10	<20	<0.01	<10	<10	21	<10	87	
G227831	<1	0.13	10	4.23	588	<1	0.03	32	350	72	1.21	33	8	192	<10	<20	<0.01	<10	<10	33	<10	312	
G227832	<1	0.12	10	3.7	532	<1	0.02	18	360	28	0.82	15	5	155	<10	<20	<0.01	<10	<10	27	<10	109	
G227833	<1	0.05	<10	7.67	1065	<1	0.03	12	110	11	0.14	6	2	233	<10	<20	<0.01	<10	<10	12	<10	66	
G227834	<1	0.15	10	5.99	946	<1	0.02	55	150	19	0.59	24	3	334	<10	<20	<0.01	<10	<10	14	<10	129	
G227835	<1	0.16	30	1.33	341	1	0.02	52	360	3	1.19	43	4	133	<10	20	<0.01	<10	<10	29	<10	22	
G227836	<1	0.08	10	1.38	503	1	0.01	64	650	5	1.09	39	6	203	<10	<20	0.02	<10	<10	43	<10	22	
G227837	<1	0.22	40	2.3	428	<1	0.03	29	890	6	0.47	3	11	238	<10	20	0.01	<10	<10	51	<10	34	
G227838	<1	0.18	20	1.37	369	2	0.01	31	390	5	0.67	8	6	186	<10	<20	0.02	<10	<10	44	<10	30	
G227839	<1	0.21	10	1.08	3910	1	0.01	22	310	22	1.89	17	4	308	<10	<20	0.01	<10	<10	20	<10	62	
G227840	<1	0.44	20	1.53	370	<1	0.03	37	600	4	0.66	11	7	113	<10	<20	0.07	<10	<10	55	<10	36	
G227841	<1	0.42	10	1.29	326	<1	0.05	35	400	6	0.57	12	4	132	<10	<20	0.13	<10	<10	39	<10	40	
G227842	<1	0.82	40	1.77	273	<1	0.04	19	1060	6	1.07	8	6	138	10	20	0.1	<10	<10	62	<10	41	

Core Sample Intervals

Hole No: SG-09-40

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G227843	8.5-10.5	8.5	10.5	2.0	G227843	0.008	0.4	0.33	38	<10	120	1	<2	3.17	0.6	4	1	4	0.93	<10	<1
G227844	10.5-11.6	10.5	11.6	1.1	G227844	0.005	0.2	0.39	27	<10	40	1.3	<2	3.61	1.9	6	1	4	1.24	<10	<1
G227845	11.6-13.6	11.6	13.6	2.0	G227845	0.005	0.8	0.32	89	<10	50	0.8	<2	3.01	3.3	4	1	17	0.9	<10	<1
G227846	13.6-15.5	13.6	15.5	1.9	G227846	<0.005	0.5	0.37	12	<10	60	0.8	<2	2.56	0.9	5	2	13	0.89	<10	<1
G227847	15.5-17.5	15.5	17.5	2.0	G227847	<0.005	0.7	0.26	36	<10	30	0.6	<2	2.15	0.6	3	2	13	0.55	<10	<1
G227851	17.5-18.4	17.5	18.4	0.9	G227851	<0.005	0.5	0.38	19	<10	70	0.8	<2	2.96	0.6	5	2	13	0.79	<10	<1
G227852	18.4-19.3	18.4	19.3	0.9	G227852	<0.005	<0.2	0.32	14	<10	60	0.9	<2	2.16	<0.5	4	1	8	0.72	<10	<1
G227853	19.3-20.6	19.3	20.6	1.3	G227853	<0.005	0.2	0.37	20	<10	50	1.1	<2	3.91	0.5	5	12	7	0.96	<10	<1
G227854	20.6-22.6	20.6	22.6	2.0	G227854	<0.005	0.3	0.34	33	<10	50	1	<2	2.31	0.7	6	2	16	0.92	<10	<1
G227855	22.6-24.2	22.6	24.2	1.6	G227855	<0.005	0.8	0.36	50	<10	60	0.7	<2	1.57	1.6	6	2	24	0.81	<10	<1
G227856	24.2-26.2	24.2	26.2	2.0	G227856	0.006	1.1	0.33	93	<10	60	0.8	<2	2.31	0.5	4	2	59	0.95	<10	<1
G227857	26.2-27.1	26.2	27.1	0.9	G227857	<0.005	0.3	0.37	15	<10	50	0.9	<2	2.81	<0.5	5	3	12	0.99	<10	<1
G227858	27.1-28.2	27.1	28.2	1.1	G227858	<0.005	0.7	0.39	18	<10	40	0.9	<2	2.34	0.8	6	1	28	1.03	<10	<1
G227859	28.2-30.2	28.2	30.2	2.0	G227859	<0.005	0.2	0.36	14	<10	40	0.8	<2	2.4	<0.5	4	2	4	0.83	<10	<1
G227860	30.2-32.2	30.2	32.2	2.0	G227860	<0.005	0.4	0.35	16	<10	80	0.7	<2	2	0.7	4	1	4	0.89	<10	<1
G227861	dup	30.2	32.2	2.0	G227861	<0.005	0.3	0.37	16	<10	60	0.8	<2	2.1	0.9	5	1	5	0.92	<10	<1
G227862	std			0.0	G227862	8.1	13.4	1.44	52	<10	30	<0.5	<2	3.15	4.2	33	26	>10000	6.91	<10	1
G227863	blk			0.0	G227863	<0.005	<0.2	0.24	<2	<10	30	<0.5	<2	19.8	<0.5	4	7	174	0.51	<10	<1
G227864	32.2-34.2	32.2	34.2	2.0	G227864	0.007	0.3	0.33	92	<10	50	0.7	<2	2.06	1	5	2	11	1.08	<10	<1
G227865	34.2-36.2	34.2	36.2	2.0	G227865	<0.005	0.4	0.39	14	<10	50	0.7	<2	1.59	<0.5	4	2	5	0.75	<10	<1
G227866	36.2-38.2	36.2	38.2	2.0	G227866	<0.005	0.2	0.36	14	<10	60	0.6	<2	1.48	<0.5	4	2	5	0.74	<10	<1
G227867	38.2-40.2	38.2	40.2	2.0	G227867	<0.005	0.3	0.45	22	<10	80	0.7	<2	1.81	<0.5	5	2	9	0.9	<10	<1
G227868	40.2-42.2	40.2	42.2	2.0	G227868	<0.005	0.2	0.33	17	<10	50	0.7	<2	1.38	<0.5	3	2	2	0.61	<10	<1
G227869	42.2-44.2	42.2	44.2	2.0	G227869	<0.005	0.2	0.32	26	<10	40	0.5	<2	2.12	<0.5	3	5	1	0.78	<10	<1
G227870	44.2-46.2	44.2	46.2	2.0	G227870	<0.005	<0.2	0.33	27	<10	40	0.6	<2	1.95	0.5	2	2	2	0.69	<10	<1
G227871	46.2-48.2	46.2	48.2	2.0	G227871	<0.005	<0.2	0.34	13	<10	50	0.6	<2	3.14	<0.5	2	6	<1	0.88	<10	<1
G227872	48.2-49.0	48.2	49.0	0.8	G227872	0.014	<0.2	0.35	22	<10	70	0.6	<2	1.42	<0.5	5	1	<1	0.7	<10	<1
G227873	49.0-50.0	49.0	50.0	1.0	G227873	<0.005	<0.2	0.4	36	<10	60	1.1	2	3.01	<0.5	11	13	20	1.53	<10	<1
G227874	50.0-51.4	50.0	51.4	1.4	G227874	<0.005	0.4	0.5	210	<10	70	1.8	<2	6.99	<0.5	37	212	73	4.86	<10	<1
G227875	51.4-53.4	51.4	53.4	2.0	G227875	<0.005	<0.2	1.11	66	<10	80	0.9	<2	3.58	<0.5	60	1700	6	4.44	<10	<1
G227876	53.4-55.4	53.4	55.4	2.0	G227876	<0.005	<0.2	0.5	122	<10	70	0.9	<2	6.92	<0.5	67	1090	<1	3.96	<10	<1
G227877	55.4-56.6	55.4	56.6	1.2	G227877	<0.005	0.2	0.17	557	<10	30	1.2	<2	6.68	<0.5	62	1220	2	4.95	<10	<1
G227878	56.6-57.3	56.6	57.3	0.7	G227878	0.007	<0.2	0.16	786	<10	100	0.8	<2	10.5	<0.5	44	546	<1	3.25	<10	<1
G227879	57.3-59.3	57.3	59.3	2.0	G227879	<0.005	<0.2	1.87	47	<10	60	0.8	<2	4.21	<0.5	54	1595	<1	3.62	<10	<1
G227880	59.3-59.8	59.3	59.8	0.5	G227880	<0.005	<0.2	1.09	13	<10	10	0.5	<2	6.9	<0.5	43	1600	<1	2.74	<10	<1
G227881	59.8-61.8	59.8	61.8	2.0	G227881	<0.005	0.3	3.67	4	<10	150	1.1	<2	2.63	<0.5	37	475	92	4.6	10	1
G227882	61.8-63.8	61.8	63.8	2.0	G227882	<0.005	<0.2	2.89	28	<10	220	1.4	<2	3.93	<0.5	42	665	33	5.17	10	1
G227883	63.8-65.8	63.8	65.8	2.0	G227883	<0.005	0.2	0.4	95	<10	70	1	<2	5.77	<0.5	61	1675	2	3.56	<10	<1
G227884	65.8-67.8	65.8	67.8	2.0	G227884	<0.005	0.2	0.53	514	<10	30	1	<2	9.21	<0.5	36	352	4	3.37	<10	1
G227885	67.8-69.6	67.8	69.6	1.8	G227885	0.006	0.2	0.19	749	<10	40	1	<2	12.2	<0.5	26	302	5	3.41	<10	<1
G227886	69.6-71.6	69.6	71.6	2.0	G227886	0.007	0.5	0.11	1070	<10	20	1.1	<2	17.4	<0.5	30	534	2	4.09	<10	1
G227887	71.6-73.6	71.6	73.6	2.0	G227887	<0.005	0.2	0.33	119	<10	20	1.4	<2	9.01	<0.5	52	918	24	4.39	<10	<1
G227888	73.6-75.6	73.6	75.6	2.0	G227888	<0.005	0.4	0.23	1075	<10	50	1.6	<2	14.05	<0.5	45	455	22	4.18	<10	1
G227889	75.6-76.2	75.6	76.2	0.6	G227889	<0.005	0.3	0.23	1070	<10	20	1.3	<2	15.8	<0.5	58	325	54	4.06	<10	1
G227890	762.-78.3	76.2	78.3	2.1	G227890	0.013	0.3	0.15	1260	<10	10	1.3	<2	13.45	<0.5	63	523	10	3.84	<10	1
G227891	78.3-80.3	78.3	80.3	2.0	G227891	<0.005	0.2	0.51	222	<10	40	1.3	<2	7.3	<0.5	29	36	13	3.37	<10	1
G227892	80.3-81.0	80.3	81.0	0.7	G227892	<0.005	0.3	0.67	210	<10	60	1.2	<2	4.09	<0.5	18	26	18	3.54	<10	<1
G227893	81.0-82.4	81.0	82.4	1.4	G227893	0.02	0.5	0.57	555	<10	30	1.2	<2	7.12	0.5	18	69	45	2.71	<10	<1
G227894	82.4-84.4	82.4	84.4	2.0	G227894	0.018	0.4	0.39	684	<10	520	0.9	<2	5.39	<0.5	11	21	42	1.94	<10	<1
G227895	84.4-86.1	84.4	86.1	1.7	G227895	0.011	<0.2	0.37	609	<10	290	1.1	<2	5.03	<0.5	15	28	58	2.35	<10	1
G227896	86.1-88.1	86.1	88.1	2.0	G227896	0.081	1.2	0.22	1690	<10	170	1	<2	10.2	0.9	8	43	38	2.51	<10	<1
G227897	88.1-89.8	88.1	89.8	1.7	G227897	0.006	0.2	0.31	43	<10	480	0.9	<2	9.96	<0.5	4	42	50	1.95	<10	<1

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Cu
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G227843	0.17	10	1.31	234	1	0.02	4	320	27	0.31	4	1	92	<10	<20	<0.01	<10	<10	2	<10	79	
G227844	0.2	10	1.56	366	<1	0.02	6	350	33	0.31	2	2	117	<10	<20	<0.01	<10	<10	2	<10	249	
G227845	0.19	10	1.25	273	<1	0.02	3	500	96	0.27	5	1	82	<10	<20	<0.01	<10	<10	1	<10	132	
G227846	0.21	10	1.07	259	<1	0.02	3	580	66	0.24	3	1	77	<10	<20	<0.01	<10	<10	1	<10	105	
G227847	0.16	10	0.95	127	1	0.02	<1	210	108	0.11	5	<1	65	<10	20	<0.01	<10	<10	1	<10	55	
G227851	0.22	10	1.28	231	2	0.02	3	530	31	0.18	4	1	74	<10	<20	<0.01	<10	<10	1	<10	91	
G227852	0.2	10	0.88	226	1	0.02	4	550	14	0.08	3	1	60	<10	<20	<0.01	<10	<10	1	<10	59	
G227853	0.18	10	1.73	344	1	0.02	5	490	34	0.09	<2	1	102	<10	<20	<0.01	<10	<10	4	<10	51	
G227854	0.21	10	0.91	280	<1	0.02	3	650	11	0.25	7	1	62	<10	<20	<0.01	<10	<10	2	<10	48	
G227855	0.23	10	0.59	214	1	0.01	4	570	21	0.3	9	1	48	<10	<20	<0.01	<10	<10	1	<10	52	
G227856	0.18	10	0.93	233	1	0.01	3	500	15	0.24	16	1	56	<10	<20	<0.01	<10	<10	1	<10	39	
G227857	0.22	10	1.14	297	1	0.02	5	530	12	0.16	3	1	69	<10	<20	<0.01	<10	<10	2	<10	54	
G227858	0.19	10	0.93	255	<1	0.02	4	610	41	0.31	12	1	48	<10	<20	<0.01	<10	<10	2	<10	54	
G227859	0.19	10	0.99	294	<1	0.01	3	590	30	0.13	<2	1	54	<10	<20	<0.01	<10	<10	2	<10	48	
G227860	0.23	20	0.82	269	<1	0.01	4	580	32	0.21	<2	1	51	<10	<20	<0.01	<10	<10	1	<10	67	
G227861	0.23	20	0.87	285	1	0.01	5	590	35	0.19	<2	1	53	<10	<20	<0.01	<10	<10	1	<10	71	
G227862	0.2	10	1.04	568	350	0.1	42	980	70	5.6	43	7	94	10	<20	0.04	<10	<10	79	<10	131	3.42
G227863	0.13	<10	11.5	223	1	0.02	3	260	4	<0.01	<2	1	50	<10	<20	0.01	<10	<10	5	<10	14	
G227864	0.22	10	0.81	426	1	0.01	5	510	25	0.33	2	1	69	<10	<20	<0.01	<10	<10	1	<10	58	
G227865	0.22	10	0.65	306	1	0.01	3	550	14	0.17	<2	1	46	<10	<20	<0.01	<10	<10	1	<10	35	
G227866	0.26	20	0.59	367	1	0.01	3	570	6	0.23	<2	1	45	<10	<20	<0.01	<10	<10	1	<10	23	
G227867	0.3	10	0.74	300	1	0.02	4	560	7	0.27	<2	1	62	<10	<20	<0.01	<10	<10	1	<10	23	
G227868	0.22	10	0.54	258	1	0.01	5	640	3	0.22	<2	1	88	<10	<20	<0.01	<10	<10	1	<10	17	
G227869	0.23	10	0.88	295	<1	0.01	5	350	6	0.23	2	<1	92	<10	20	<0.01	<10	<10	1	<10	19	
G227870	0.22	20	0.85	274	1	0.01	6	360	8	0.13	<2	<1	90	<10	20	<0.01	<10	<10	1	<10	23	
G227871	0.24	20	1.44	362	1	0.01	8	360	3	0.06	<2	<1	126	<10	<20	<0.01	<10	<10	1	<10	14	
G227872	0.24	20	0.63	249	1	0.01	12	550	5	0.13	<2	<1	82	<10	<20	<0.01	<10	<10	1	<10	19	
G227873	0.27	20	1.52	400	1	0.02	60	270	8	0.1	<2	2	124	<10	<20	<0.01	<10	<10	9	<10	45	
G227874	0.15	20	4.43	1280	<1	0.02	298	350	11	0.04	3	14	482	<10	<20	<0.01	<10	<10	57	<10	110	
G227875	0.05	20	11.1	1245	<1	0.01	1115	80	3	0.05	<2	8	264	<10	<20	<0.01	<10	<10	34	<10	46	
G227876	0.06	10	10.3	1060	<1	0.02	635	80	3	0.04	<2	13	676	10	<20	<0.01	<10	<10	33	<10	22	
G227877	0.03	<10	10.65	756	<1	0.02	949	20	2	0.21	<2	6	614	10	<20	<0.01	<10	<10	18	<10	7	
G227878	0.02	<10	9.84	567	<1	0.02	537	10	3	0.25	<2	4	1280	<10	<20	<0.01	<10	<10	11	<10	4	
G227879	0.43	10	8.48	668	<1	0.01	669	60	<2	0.08	<2	11	360	<10	<20	0.04	<10	<10	53	<10	28	
G227880	0.01	10	8.1	884	<1	0.01	594	10	6	0.09	<2	5	500	<10	<20	<0.01	<10	<10	26	<10	11	
G227881	1.15	10	6.09	1210	<1	0.02	166	60	6	0.08	3	20	174	<10	<20	0.08	<10	<10	118	<10	51	
G227882	1.14	30	8.63	1280	<1	0.02	365	750	10	0.04	<2	13	342	<10	20	0.09	<10	<10	85	<10	52	
G227883	0.07	<10	10.75	701	<1	0.02	901	50	<2	0.12	6	5	554	<10	<20	<0.01	<10	<10	16	<10	12	
G227884	0.1	20	6.42	677	<1	0.02	640	260	6	0.03	25	5	932	<10	<20	<0.01	<10	<10	12	<10	15	
G227885	0.08	10	7.35	805	<1	0.02	541	20	11	0.1	17	4	1045	<10	<20	<0.01	<10	<10	9	<10	6	
G227886	0.04	<10	9.83	787	<1	0.02	436	50	2	<0.01	9	5	1635	<10	<20	<0.01	<10	<10	12	<10	3	
G227887	0.08	<10	8.24	808	<1	0.02	1260	270	9	0.03	9	8	764	<10	<20	<0.01	<10	<10	35	<10	16	
G227888	0.07	<10	9.21	955	<1	0.02	865	270	3	0.12	15	7	1275	<10	<20	<0.01	<10	<10	24	<10	12	
G227889	0.06	<10	9.21	871	<1	0.02	859	90	3	0.04	18	6	1160	<10	<20	<0.01	<10	<10	18	<10	7	
G227890	0.04	<10	8.31	836	<1	0.02	939	50	16	0.1	26	5	1215	<10	<20	<0.01	<10	<10	14	<10	8	
G227891	0.16	10	3.57	763	<1	0.02	460	510	9	0.29	5	9	215	<10	<20	<0.01	<10	<10	34	<10	62	
G227892	0.25	20	2.01	631	<1	0.01	86	650	13	0.32	7	11	140	<10	<20	<0.01	<10	<10	41	<10	73	
G227893	0.17	10	3.56	552	<1	0.01	116	310	15	0.88	25	8	282	<10	<20	<0.01	<10	<10	24	<10	62	
G227894	0.14	10	2.55	336	<1	0.01	53	350	5	0.63	42	7	137	<10	<20	<0.01	<10	<10	17	<10	44	
G227895	0.16	10	2.23	315	<1	0.01	50	430	6	0.77	46	10	125	<10	<20	<0.01	<10	<10	21	<10	31	
G227896	0.1	10	5.79	633	<1	0.02	40	150	23	0.76	51	3	148	<10	<20	<0.01	<10	<10	9	<10	120	
G227897	0.11	<10	5.68	574	<1	0.02	18	200	6	0.16	20	6	143	<10	<20	<0.01	<10	<10	29	<10	63	

G227898	dup	88.1	89.8	1.7	G227898	0.007	<0.2	0.31	47	<10	330	1	<2	9.9	<0.5	4	40	45	1.93	<10	<1
G227899	std			0.0	G227899	8	14.9	1.47	54	<10	30	<0.5	14	3.28	4.5	34	27	>10000	7.17	<10	1
G227900	blk			0.0	G227900	<0.005	<0.2	0.24	3	<10	30	<0.5	<2	19.1	<0.5	2	9	44	0.51	<10	<1
G227901	89.8-90.8	89.8	90.8	1.0	G227901	0.01	0.5	0.35	41	<10	320	0.7	<2	4.85	<0.5	6	21	117	1.28	<10	1
G227902	90.8-92.1	90.8	92.1	1.3	G227902	0.006	<0.2	0.34	73	10	490	0.9	<2	4.99	<0.5	5	56	46	1.18	<10	1
G227903	92.1-94.1	92.1	94.1	2.0	G227903	0.011	1.1	0.34	96	10	780	1	<2	6.32	<0.5	15	35	264	1.73	<10	<1
G227904	94.1-96.1	94.1	96.1	2.0	G227904	0.015	0.3	0.25	58	<10	530	0.8	<2	6.13	<0.5	11	26	96	1.74	<10	<1
G227905	96.1-97.0	96.1	97.0	0.9	G227905	0.025	0.4	0.35	161	<10	130	1.2	<2	8.19	<0.5	10	47	36	2.11	<10	1
G227906	97.0-99.0	97.0	99.0	2.0	G227906	0.029	0.6	0.39	579	<10	170	1.1	<2	9.33	0.5	13	53	102	3.41	<10	<1
G227907	99.0-101.0	99.0	101.0	2.0	G227907	0.010	0.2	0.29	61	<10	120	0.6	<2	4.46	<0.5	12	22	73	2.02	<10	<1
G227908	101.0-103.0	101.0	103.0	2.0	G227908	0.011	<0.2	0.34	124	<10	90	1	<2	7.23	<0.5	22	17	110	3.53	<10	<1
G227909	103.0-104.0	103.0	104.0	1.0	G227909	0.008	0.2	0.55	171	<10	20	1.7	3	8.58	<0.5	21	16	110	4.06	<10	1
G227910	104.0-105.3	104.0	105.3	1.3	G227910	0.076	0.3	0.62	98	<10	10	1.8	<2	7.74	<0.5	16	25	94	3.68	<10	1
G227911	105.3-106.2	105.3	106.2	0.9	G227911	0.006	0.2	0.31	20	<10	330	0.5	<2	5.84	<0.5	9	20	54	2.27	<10	<1
G227912	106.2-108.2	106.2	108.2	2.0	G227912	0.012	0.4	0.78	72	<10	170	0.9	<2	4.63	<0.5	18	29	66	2.4	<10	<1
G227913	108.2-110.2	108.2	110.2	2.0	G227913	0.010	0.9	0.72	83	<10	30	0.9	<2	3.59	<0.5	14	22	64	2.32	<10	<1
G227914	110.2-111.9	110.2	111.9	1.7	G227914	0.011	0.4	0.9	49	<10	30	1	<2	4.23	<0.5	11	39	43	2.28	<10	<1
G227915	111.9-112.5	111.9	112.5	0.6	G227915	0.029	0.8	0.35	233	<10	40	0.5	11	12	1	19	5	28	4.37	<10	<1
G227916	112.5-114.1	112.5	114.1	1.6	G227916	0.008	0.5	0.8	58	<10	50	0.8	2	3.37	<0.5	9	19	35	1.99	<10	<1
G227917	114.1-115.5	114.1	115.5	1.4	G227917	0.042	0.5	0.64	59	<10	40	0.7	<2	3.56	<0.5	7	8	36	1.72	<10	<1
G227918	115.5-116.5	115.5	116.5	1.0	G227918	0.012	<0.2	0.7	30	<10	30	0.6	2	1.95	<0.5	6	5	34	1.53	<10	<1
G227919	116.5-118.5	116.5	118.5	2.0	G227919	0.010	<0.2	0.7	18	<10	30	0.7	<2	2.32	<0.5	6	7	40	1.59	<10	<1
G227920	118.5-120.5	118.5	120.5	2.0	G227920	0.018	<0.2	0.63	26	<10	30	0.5	<2	1.84	<0.5	7	6	43	1.67	<10	<1
G227921	120.5-121.3	120.5	121.3	0.8	G227921	0.010	0.3	0.58	12	<10	30	0.5	<2	2.49	<0.5	6	5	42	1.43	<10	<1
G227922	121.3-122.5	121.3	122.5	1.2	G227922	0.007	0.4	0.78	47	<10	20	0.7	<2	8.16	<0.5	9	14	63	2.76	<10	<1
G227923	122.5-123.9	122.5	123.9	1.4	G227923	0.007	0.4	1.41	13	<10	30	1	<2	6.14	<0.5	9	20	49	2.64	<10	<1
G227924	123.9-124.7	123.9	124.7	0.8	G227924	0.008	0.2	2.9	65	<10	40	1.7	<2	5.93	<0.5	10	130	71	3.47	10	<1
G227925	124.7-125.9	124.7	125.9	1.2	G227925	0.006	<0.2	2.48	83	<10	40	1.2	<2	4.27	<0.5	8	20	72	2.97	10	<1
G227926	125.9-127.9	125.9	127.9	2.0	G227926	0.016	<0.2	2.43	88	<10	20	1.3	2	10.15	<0.5	10	46	85	2.87	10	<1
G227927	127.9-129.9	127.9	129.9	2.0	G227927	0.025	0.4	2.08	49	<10	30	0.9	<2	7.67	<0.5	19	29	126	3.07	10	<1
G227928	136.1-137.2	136.1	137.2	1.1	G227928	0.013	0.3	1.58	120	<10	20	0.6	<2	14.3	<0.5	30	18	161	3.77	<10	<1
G227929	140.2-141.2	140.2	141.2	1.0	G227929	0.010	<0.2	1.83	36	<10	50	0.8	<2	3.31	<0.5	19	34	96	2.9	10	<1
G227930	141.2-143.0	141.2	143.0	1.8	G227930	0.038	1.1	1.97	170	<10	40	1.1	12	4.06	<0.5	20	56	77	3.2	10	<1
G227931	143.0-144.2	143.0	144.2	1.2	G227931	0.011	0.6	1.55	113	<10	20	1.1	<2	10.05	<0.5	53	86	284	4.44	<10	<1
G227932	144.2-145.8	144.2	145.8	1.6	G227932	0.007	0.2	2.72	17	<10	110	0.9	<2	3.04	<0.5	19	166	71	3.09	<10	<1
G227933	dup	144.2	145.8	1.6	G227933	0.006	0.2	2.85	13	<10	120	0.9	<2	2.76	<0.5	20	161	88	3.23	10	<1
G227934	std			0.0	G227934	6.99	13.3	1.45	50	<10	20	<0.5	4	3.22	4.5	33	26	>10000	7.16	10	<1
G227935	blk			0.0	G227935	<0.005	0.2	0.28	7	<10	30	<0.5	<2	18.4	<0.5	2	10	66	0.53	<10	<1
G227936	145.8-147.5	145.8	147.5	1.7	G227936	0.008	0.2	1.8	25	<10	40	0.9	2	10.3	<0.5	16	160	93	2.43	10	<1
G227937	147.5-149.6	147.5	149.6	2.1	G227937	0.01	<0.2	1.8	21	<10	100	0.8	<2	1.97	<0.5	13	153	41	2.57	10	<1
G227938	149.6-151.6	149.6	151.6	2.0	G227938	0.007	<0.2	1.74	7	<10	80	0.7	<2	6.6	<0.5	15	73	89	3.1	10	<1
G227939	151.6-153.6	151.6	153.6	2.0	G227939	<0.005	0.4	1.22	10	<10	10	0.8	<2	16.2	<0.5	9	18	48	1.78	<10	<1
G227940	153.6-155.2	153.6	155.2	1.6	G227940	0.079	1.2	2.12	20	<10	110	0.9	<2	5.6	<0.5	12	56	32	2.29	10	<1
G227941	155.2-156.8	155.2	156.8	1.6	G227941	0.034	<0.2	2.57	15	<10	80	0.7	<2	1.67	<0.5	14	65	49	3.09	10	<1
G227942	156.8-158.8	156.8	158.8	2.0	G227942	0.013	<0.2	2.33	11	<10	90	0.8	<2	4.18	<0.5	15	255	53	2.94	10	<1
G227943	158.8-159.8	158.8	159.8	1.0	G227943	0.02	<0.2	2.65	7	<10	50	0.8	2	1.61	<0.5	29	102	131	4.17	10	<1
G227944	164.8-166.8	164.8	166.8	2.0	G227944	<0.005	<0.2	1.34	6	<10	30	0.5	<2	11.5	<0.5	6	64	34	1.69	10	<1
G227945	166.8-167.8	166.8	167.8	1.0	G227945	0.012	<0.2	1.96	23	<10	50	0.7	<2	3.52	<0.5	15	122	40	2.54	10	<1
G227946	172.3-174.3	172.3	174.3	2.0	G227946	0.012	<0.2	1.46	9	<10	40	0.8	<2	5.42	<0.5	11	59	43	2.04	10	<1
G227947	174.3-175.3	174.3	175.3	1.0	G227947	0.006	<0.2	1.49	55	<10	40	0.9	<2	2.54	<0.5	16	52	47	2.08	10	<1
G227948	175.3-177.2	175.3	177.2	1.9	G227948	<0.005	<0.2	1.1	66	<10	40	0.7	<2	2.06	<0.5	12	28	37	1.51	10	<1
G227949	177.2-178.9	177.2	178.9	1.7	G227949	0.008	<0.2	1.01	25	<10	20	0.7	<2	2.75	<0.5	10	25	39	1.98	10	<1
G227950	178.9-180.6	178.9	180.6	1.7	G227950	<0.005	<0.2	0.48	31	<10	30	<0.5	<2	1.46	<0.5	6	14	18	0.7	<10	<1
G227951	180.6-182.6	180.6	182.6	2.0	G227951	0.009	<0.2	1.93	10	<10	60	0.7	<2	3.1	<0.5	16	61	29	2.25	10	<1
G227952	182.6-183.1	182.6	183.1	0.5	G227952	0.015	<0.2	3.37	5	<10	290	1	<2	3.02	<0.5	17	29	30	3.52	10	<1
G227953	183.1-185.1	183.1	185.1	2.0	G227953	<0.005	<0.2	1.5	22	<10	30	0.9	2	3.85	<0.5	40	53	120	3.36	10	<1
G227954	185.1-186.2	185.1	186.2	1.1	G227954	<0.005	<0.2	1.42	97	<10	40	1.1	<2	3.09	<0.5	25	43	62	2.29	10	<1
G227955	186.2-187.2	186.2	187.2	1.0	G227955	<0.005	0.6	0.75	324	<10	90	0.5	<2	3.51	<0.5	17	7	52	1.95	<10	<1
G227956	187.2-188.5	187.2	188.5	1.3	G227956	<0.005	1.3	1.2	311	<10	40	0.9	<2	5.93	<0.5	19	167	38	2.6	10	<1
G227957	188.5-190.5	188.5	190.5	2.0	G227957	<0.005	<0.2	1.93	9	<10	100	0.8	<2	5.24	<0.5	18	580	57	2.79	10	<1
G227958	190.5-192.5	190.5	192.5	2.0	G227958	<0.005	<0.2	1.56	10	<10	40	0.6	<2	3.99	<0.5	16	88	39	2.36	10	<1

G227898	0.11	<10	5.6	556	<1	0.02	18	210	5	0.18	21	6	143	<10	<20	<0.01	<10	<10	30	<10	59	
G227899	0.2	<10	1.1	589	386	0.1	45	1010	74	5.68	44	8	98	10	<20	0.04	<10	<10	81	<10	142	3.22
G227900	0.13	<10	11.95	224	<1	0.02	1	260	2	<0.01	<2	1	52	<10	<20	0.01	<10	<10	5	<10	15	
G227901	0.15	10	2.21	501	<1	0.01	20	280	8	0.46	25	7	84	<10	<20	<0.01	<10	<10	18	<10	32	
G227902	0.15	10	2.37	287	1	0.01	22	550	6	0.18	13	9	100	<10	<20	<0.01	<10	<10	25	<10	37	
G227903	0.15	10	2.98	326	<1	0.01	22	440	8	0.37	18	9	129	<10	<20	<0.01	<10	<10	27	<10	47	
G227904	0.1	10	2.82	360	<1	0.01	30	320	7	0.48	17	8	129	<10	<20	<0.01	<10	<10	29	<10	45	
G227905	0.13	10	4.25	568	<1	0.02	36	500	8	0.45	24	15	150	<10	<20	<0.01	<10	<10	42	<10	62	
G227906	0.13	10	4.46	877	1	0.02	82	580	11	1.08	28	11	154	<10	<20	<0.01	<10	<10	28	<10	73	
G227907	0.09	10	1.85	306	<1	0.01	42	260	7	0.72	9	9	77	<10	<20	<0.01	<10	<10	28	<10	28	
G227908	0.11	20	2.97	527	<1	0.02	58	470	7	1.28	16	10	127	<10	<20	<0.01	<10	<10	27	<10	42	
G227909	0.14	20	3.53	716	<1	0.02	49	910	4	1.5	21	8	202	<10	<20	<0.01	<10	<10	28	<10	105	
G227910	0.14	30	2.95	651	<1	0.02	40	690	4	1.5	12	11	173	<10	<20	<0.01	<10	<10	38	<10	129	
G227911	0.12	20	2.37	371	<1	0.02	28	430	5	0.94	6	9	104	<10	<20	<0.01	<10	<10	34	<10	24	
G227912	0.19	20	1.91	342	1	0.01	50	520	112	0.8	9	11	112	<10	<20	<0.01	<10	<10	42	<10	53	
G227913	0.24	20	1.46	312	<1	0.01	50	420	109	0.93	11	9	108	<10	<20	<0.01	<10	<10	27	<10	23	
G227914	0.16	20	1.41	375	1	0.01	75	610	47	0.89	9	8	149	<10	<20	0.04	10	<10	37	<10	28	
G227915	0.07	<10	2.35	712	<1	0.02	56	260	46	4.75	10	2	151	<10	<20	0.01	<10	<10	8	<10	45	
G227916	0.23	30	1.24	301	1	0.02	72	450	36	0.76	5	5	108	<10	<20	<0.01	<10	<10	20	<10	24	
G227917	0.23	30	1.32	292	1	0.01	29	490	48	0.64	5	4	94	<10	<20	<0.01	<10	<10	15	<10	17	
G227918	0.2	60	0.72	183	1	0.03	10	620	37	0.64	<2	3	66	<10	20	<0.01	<10	<10	12	<10	16	
G227919	0.2	60	0.81	139	<1	0.04	7	620	21	0.57	2	4	84	<10	20	<0.01	<10	<10	14	<10	17	
G227920	0.23	50	0.63	123	<1	0.04	6	490	29	0.67	2	3	57	<10	20	<0.01	<10	<10	10	<10	15	
G227921	0.21	50	0.83	139	<1	0.04	5	490	21	0.49	5	2	73	<10	20	<0.01	<10	<10	9	<10	15	
G227922	0.27	40	1.5	523	1	0.03	13	870	17	1.08	5	5	131	<10	<20	0.01	<10	<10	31	<10	31	
G227923	0.26	40	2.37	574	1	0.02	9	730	23	0.66	3	9	202	<10	<20	0.01	<10	<10	51	<10	31	
G227924	0.28	30	2.4	514	1	0.06	25	930	12	0.97	6	11	210	<10	<20	0.11	<10	<10	85	<10	54	
G227925	0.29	40	2.17	314	1	0.09	7	1110	10	0.69	12	11	142	<10	<20	0.14	<10	<10	96	<10	39	
G227926	0.19	30	1.74	466	1	0.1	17	910	8	0.66	8	8	274	<10	<20	0.13	<10	<10	63	<10	33	
G227927	0.18	20	1.09	329	1	0.08	23	850	10	1.06	7	6	145	<10	<20	0.14	<10	<10	44	<10	30	
G227928	0.32	10	1.65	584	<1	0.02	35	540	6	2.13	13	5	180	<10	<20	0.04	<10	<10	50	<10	30	
G227929	0.45	30	1.24	240	1	0.07	25	730	8	0.99	4	7	109	<10	<20	0.22	<10	<10	60	<10	37	
G227930	0.56	30	1.35	294	1	0.03	37	340	36	1.47	6	7	139	<10	<20	0.04	<10	<10	50	<10	36	
G227931	0.33	10	1.15	488	13	0.04	55	490	8	2.71	10	5	152	<10	<20	0.02	<10	<10	29	<10	26	
G227932	1.08	20	1.81	262	<1	0.19	91	1270	7	0.59	<2	8	139	<10	<20	0.24	<10	<10	82	<10	31	
G227933	1.16	20	1.86	254	<1	0.19	88	1270	5	0.61	<2	8	138	<10	<20	0.25	<10	<10	83	<10	31	
G227934	0.21	<10	1.07	572	375	0.1	42	970	70	5.58	44	8	94	<10	<20	0.05	<10	<10	82	10	134	3.24
G227935	0.15	<10	11.15	218	1	0.02	2	240	4	<0.01	<2	1	50	<10	<20	0.01	<10	10	5	<10	14	
G227936	0.41	10	1.22	344	1	0.12	78	450	4	0.87	2	6	247	<10	<20	0.12	<10	<10	39	<10	34	
G227937	0.75	40	1.55	239	1	0.06	97	280	3	0.71	3	5	69	<10	20	0.06	<10	<10	39	<10	30	
G227938	0.38	20	1.15	343	1	0.06	58	430	3	1.13	3	5	147	<10	<20	0.11	<10	<10	36	<10	27	
G227939	0.09	20	0.87	501	1	0.05	17	630	3	0.28	<2	5	388	<10	<20	0.02	<10	<10	30	<10	32	
G227940	0.52	20	1.11	356	1	0.11	34	520	4	0.22	3	6	186	<10	<20	0.09	<10	<10	45	<10	33	
G227941	1.03	30	1.58	212	1	0.11	43	410	3	0.44	3	8	94	<10	<20	0.09	<10	<10	57	<10	28	
G227942	0.68	20	1.63	305	1	0.11	127	500	5	0.61	<2	5	265	<10	<20	0.06	<10	<10	40	<10	35	
G227943	0.8	30	1.77	200	<1	0.12	63	180	4	1.84	2	10	76	<10	20	0.06	<10	<10	83	<10	27	
G227944	0.25	10	1.26	285	1	0.09	33	540	5	0.32	<2	4	277	<10	<20	0.13	<10	<10	29	<10	27	
G227945	0.6	30	1.3	198	1	0.11	82	340	3	0.72	<2	4	111	<10	20	0.06	<10	<10	35	<10	21	
G227946	0.17	10	1.11	269	1	0.09	38	580	4	0.44	2	5	188	<10	<20	0.17	<10	<10	49	<10	30	
G227947	0.32	20	1.13	179	1	0.08	34	430	5	0.66	4	4	83	<10	<20	0.08	<10	<10	39	<10	28	
G227948	0.21	30	0.91	149	1	0.06	11	500	4	0.54	7	3	48	<10	20	0.01	<10	<10	26	<10	26	
G227949	0.11	30	0.79	192	1	0.04	16	570	4	0.67	4	3	62	<10	20	0.01	<10	<10	26	<10	19	
G227950	0.11	10	0.4	103	1	<0.01	5	160	2	0.18	4	1	49	<10	<20	<0.01	<10	<10	9	<10	8	
G227951	0.31	20	1.75	244	1	0.15	23	770	4	0.49	<2	6	129	<10	<20	0.18	<10	<10	54	<10	29	
G227952	0.89	40	2.48	280	1	0.24	10	1620	4	0.54	2	6	190	<10	<20	0.29	<10	<10	72	<10	41	
G227953	0.18	20	1.52	262	1	0.04	34	610	4	1.9	2	6	106	<10	<20	0.04	<10	<10	53	<10	29	
G227954	0.21	30	1.14	212	1	0.05	17	620	5	1.12	5	5	84	<10	20	0.04	<10	<10	38	<10	29	
G227955	0.14	40	0.67	186	1	0.04	5	400	5	1.12	22	2	134	<10	30	<0.01	<10	<10	16	<10	13	
G227956	0.34	20	1.21	388	1	0.04	64	380	4	1.08	22	5	203	<10	20	0.04	<10	<10	39	<10	27	
G227957	0.51	20	2.24	365	1	0.09	80	590	2	0.89	<2	6	234	<10	<20	0.12	<10	<10	54	<10	33	
G227958	0.29	20	1.77	285	1	0.1	33	810	<2	0.71	2	8	154	<10	<20	0.14	<10	<10	68	<10	27	

G227959	192.5-194.5	192.5	194.5	2.0	G227959	<0.005	<0.2	2.66	6	<10	60	1.1	<2	6.22	<0.5	21	617	47	3.81	10	1
G227960	194.5-196.5	194.5	196.5	2.0	G227960	0.007	0.8	2.39	26	<10	60	0.9	<2	3.68	<0.5	24	693	59	3.48	10	<1
G227961	196.5-197.7	196.5	197.7	1.2	G227961	<0.005	0.7	2.02	44	<10	50	1	<2	4.41	<0.5	25	574	38	3.42	10	<1
G227962	197.7-199.7	197.7	199.7	2.0	G227962	0.388	6.0	0.58	190	<10	10	0.5	118	1.24	4.6	86	16	1860	24.7	10	1
G227963	199.7-200.7	199.7	200.7	1.0	G227963	2.33	8.0	0.57	97	<10	10	0.6	211	2.49	2.2	25	17	1630	21.7	<10	1
G227964	200.7-201.95	200.7	202.0	1.3	G227964	0.010	2.5	0.48	181	<10	10	0.6	58	1.47	<0.5	24	9	1580	25.5	<10	<1
G227965	201.95-203.1	202.0	203.1	1.2	G227965	<0.005	<0.2	0.64	47	<10	80	1	<2	6.21	<0.5	23	35	86	4.88	<10	<1
G227966	203.1-204.4	203.1	204.4	1.3	G227966	<0.005	0.3	2.19	8	<10	130	0.7	<2	2.61	<0.5	19	77	70	4.92	10	<1
G227967	204.4-206.4	204.4	206.4	2.0	G227967	<0.005	<0.2	0.42	7	<10	110	0.5	<2	1.53	<0.5	4	6	29	2.12	<10	<1
G227968	dup	204.4	206.4	2.0	G227968	<0.005	<0.2	0.48	9	<10	70	0.5	2	1.52	<0.5	5	11	30	2.16	<10	<1
G227969	std			0.0	G227969	7.45	13.3	1.41	55	<10	20	<0.5	7	3.19	4.3	34	27	>10000	7.18	10	1
G227970	blk			0.0	G227970	<0.005	<0.2	0.2	2	<10	30	<0.5	<2	18.2	<0.5	3	8	54	0.5	<10	<1
G227971	206.4-208.4	206.4	208.4	2.0	G227971	0.010	<0.2	0.97	8	<10	160	0.8	<2	1.75	<0.5	7	16	45	2.57	<10	<1
G227972	208.4-210.4	208.4	210.4	2.0	G227972	0.005	0.2	1.95	9	<10	180	0.8	<2	3.84	<0.5	23	66	59	4.52	10	<1
G227973	210.4-211.4	210.4	211.4	1.0	G227973	0.007	0.2	1.27	71	<10	110	1.4	18	3.32	<0.5	11	60	128	4.48	<10	1
G227974	211.4-213.2	211.4	213.2	1.8	G227974	0.016	0.7	0.57	150	<10	90	0.5	11	1.88	<0.5	9	8	58	3.18	<10	<1
G227975	213.2-215.2	213.2	215.2	2.0	G227975	0.105	8.2	0.39	235	<10	10	<0.5	284	1.43	0.8	36	30	1090	18.9	<10	<1
G227976	215.2-216.9	215.2	216.9	1.7	G227976	0.006	2.5	0.75	182	<10	20	0.7	27	3.39	<0.5	15	14	982	17.4	<10	<1
G227977	216.9-218.7	216.9	218.7	1.8	G227977	0.007	0.6	1.16	32	<10	50	0.7	9	2.73	<0.5	10	30	499	11.3	10	<1
G227978	218.7-219.7	218.7	219.7	1.0	G227978	0.006	1.7	0.82	27	<10	20	<0.5	121	0.88	<0.5	14	32	1760	27.9	10	<1
G227979	219.7-220.7	219.7	220.7	1.0	G227979	<0.005	2	0.86	136	<10	30	0.8	21	2.12	<0.5	16	17	775	15	<10	<1
G227980	220.7-222.5	220.7	222.5	1.8	G227980	<0.005	<0.2	1.79	8	<10	120	0.7	<2	3.4	<0.5	16	169	44	3.23	<10	<1
G227981	222.5-224.3	222.5	224.3	1.8	G227981	<0.005	<0.2	0.65	40	10	230	0.8	<2	3.25	<0.5	8	38	87	2.82	<10	<1
G227982	224.3-226.3	224.3	226.3	2.0	G227982	<0.005	0.2	0.7	28	10	190	0.8	3	2.51	<0.5	6	5	62	2.28	<10	<1
G227983	226.3-228.3	226.3	228.3	2.0	G227983	0.005	<0.2	0.55	68	10	80	0.9	4	2.19	<0.5	5	6	54	2.18	<10	1
G227984	228.3-230.3	228.3	230.3	2.0	G227984	0.013	<0.2	0.68	56	10	80	0.9	<2	2.62	<0.5	8	39	78	2.7	<10	<1
G227985	230.3-231.1	230.2	231.1	0.9	G227985	0.005	<0.2	0.5	500	10	50	0.6	2	4.43	0.7	3	5	46	2.73	<10	<1
G227986	231.1-233.1	231.1	233.1	2.0	G227986	0.044	<0.2	1.97	27	<10	260	1.2	<2	2.61	<0.5	12	41	28	3.25	10	<1
G227987	233.1-235.1	233.1	235.1	2.0	G227987	<0.005	<0.2	2.41	36	<10	250	0.6	<2	3.01	<0.5	16	61	41	3.49	10	<1
G227988	235.1-235.9	235.1	235.9	0.8	G227988	0.005	<0.2	2.87	25	<10	250	1.1	<2	2.81	<0.5	14	48	48	3.71	10	1
G227989	235.9-237.2	235.9	237.2	1.3	G227989	0.014	<0.2	1.23	51	20	70	1.2	<2	4.68	<0.5	21	4	98	4.84	<10	<1
G227990	237.2-238.6	237.2	238.6	1.4	G227990	0.013	<0.2	2.03	35	10	290	1.7	2	2.23	<0.5	15	3	30	4.28	<10	<1
G227991	238.6-240.6	238.6	240.6	2.0	G227991	0.011	<0.2	0.99	266	20	40	1.4	<2	5.17	0.5	14	3	49	3.94	<10	<1
G227992	240.6-242.6	240.6	242.6	2.0	G227992	0.006	<0.2	0.7	115	10	70	0.9	3	4.85	1.2	11	36	225	5.12	10	<1
G227993	242.6-244.6	242.6	244.6	2.0	G227993	0.017	<0.2	0.66	62	10	40	1.5	2	3.56	0.8	14	4	47	3.72	<10	1
G227994	244.6-245.6	244.6	245.6	1.0	G227994	<0.005	0.2	0.54	22	10	50	0.7	2	1.86	<0.5	8	15	63	2.52	<10	<1
G227995	245.6-247.6	245.6	247.6	2.0	G227995	0.011	1.6	0.65	112	10	90	1.4	45	5.09	1.7	31	7	101	4.57	<10	<1
G227996	247.6-249.0	247.6	249.0	1.4	G227996	0.010	0.5	0.59	158	20	180	1.4	9	5.73	0.8	21	16	86	3.46	<10	<1
G227997	249.0-249.7	249.0	249.7	0.7	G227997	0.012	0.5	0.32	29	10	140	1.6	14	10.95	5	7	7	65	3.65	<10	<1
G227998	249.7-251.2	249.7	251.2	1.5	G227998	0.008	0.3	0.47	38	10	200	1.1	5	5.98	1.7	11	10	54	3.2	<10	<1
G227999	251.2-253.3	251.2	253.3	2.1	G227999	<0.005	0.3	0.31	45	10	470	1.9	2	11.65	1.3	5	7	20	3.36	<10	<1
G228000	253.3-253.9	253.3	253.9	0.6	G228000	<0.005	0.2	0.3	26	10	390	0.6	2	6.27	22.9	5	3	36	2.5	<10	<1
G226501	253.9-255.9	253.9	255.9	2.0	G226501	0.006	0.2	0.4	21	10	130	1	<2	4.63	<0.5	7	7	36	2.54	<10	<1
G226502	dup	253.9	255.9	2.0	G226502	<0.005	0.3	0.42	17	10	50	1	<2	4.72	0.5	5	6	19	2.3	<10	<1
G226503	std			0.0	G226503	7.82	13	1.38	54	<10	30	<0.5	<2	3.02	4.4	32	25	>10000	6.78	10	1
G226504	blk			0.0	G226504	<0.005	<0.2	0.31	<2	<10	40	<0.5	<2	17.5	<0.5	1	10	28	0.52	<10	<1
G226505	255.9-257.9	255.9	257.9	2.0	G226505	0.016	<0.2	0.44	44	<10	30	0.8	<2	1.9	<0.5	7	9	38	2.41	<10	<1
G226506	257.9-259.9	257.9	259.9	2.0	G226506	<0.005	0.2	0.43	21	<10	30	1.2	<2	2.7	<0.5	8	16	56	2.92	<10	<1
G226507	259.9-261.9	259.9	261.9	2.0	G226507	<0.005	0.2	0.87	55	<10	40	0.9	<2	1.21	0.6	7	12	27	2.42	10	<1
G226508	261.9-263.9	261.9	263.9	2.0	G226508	<0.005	0.3	0.54	35	<10	40	0.9	<2	1.68	<0.5	7	10	21	2.53	<10	<1
G226509	263.9-265.9	263.9	265.9	2.0	G226509	<0.005	<0.2	0.37	124	10	40	0.9	<2	2.17	<0.5	7	10	15	2.25	<10	<1
G226510	265.9-267.9	265.9	267.9	2.0	G226510	0.011	0.3	0.32	336	<10	40	0.7	<2	1.57	<0.5	6	5	20	2.56	<10	<1
G226511	267.9-269.8	267.9	269.8	1.9	G226511	0.005	<0.2	0.44	31	10	40	1.1	<2	2.58	<0.5	8	9	11	2.33	<10	<1
	EOH																				

G227959	0.78	10	3.58	506	1	0.08	205	570	2	0.71	<2	9	240	<10	<20	0.12	<10	<10	68	<10	49	
G227960	0.77	30	2.89	338	1	0.05	165	660	2	0.99	<2	7	271	<10	<20	0.09	<10	<10	59	<10	49	
G227961	0.63	20	2.85	390	1	0.04	184	440	<2	0.67	12	7	234	<10	<20	0.05	<10	<10	51	<10	43	
G227962	0.15	10	0.74	214	<1	0.01	16	310	43	>10.0	21	3	49	10	<20	<0.01	<10	10	10	10	241	
G227963	0.18	10	1.24	349	<1	0.01	22	420	116	>10.0	16	5	76	10	<20	<0.01	<10	<10	17	10	131	
G227964	0.2	<10	1.01	270	<1	0.01	35	280	31	>10.0	35	4	107	10	<20	<0.01	10	<10	14	10	51	
G227965	0.29	10	2.6	610	1	0.02	36	760	7	1.08	4	13	417	<10	<20	<0.01	<10	<10	51	<10	45	
G227966	1.35	30	2.22	377	1	0.04	54	740	4	1.53	<2	10	134	<10	<20	0.08	<10	<10	73	<10	43	
G227967	0.22	40	0.59	163	<1	0.03	2	410	4	0.67	<2	2	63	<10	20	<0.01	<10	<10	10	<10	13	
G227968	0.24	50	0.6	168	1	0.03	1	440	4	0.65	2	3	60	<10	20	<0.01	<10	<10	11	<10	13	
G227969	0.21	<10	1.06	584	382	0.09	42	950	70	5.63	43	7	93	10	<20	0.04	<10	<10	80	10	138	3.31
G227970	0.12	<10	10.9	220	1	0.01	1	230	<2	<0.01	<2	<1	48	<10	<20	0.01	<10	<10	4	<10	13	
G227971	0.46	50	0.84	218	1	0.06	7	540	4	0.78	3	3	72	<10	20	0.01	<10	<10	21	<10	19	
G227972	0.87	20	1.84	493	1	0.06	46	830	3	1.27	<2	9	144	<10	<20	0.13	<10	<10	66	<10	37	
G227973	0.39	50	1.39	421	<1	0.02	50	450	14	1.47	4	8	138	<10	30	<0.01	<10	<10	33	<10	28	
G227974	0.29	30	0.68	157	1	0.01	7	170	15	2.12	4	1	62	<10	20	<0.01	<10	<10	4	<10	13	
G227975	0.25	10	0.83	222	<1	0.01	47	310	79	>10.0	17	5	54	10	<20	<0.01	<10	<10	16	<10	30	
G227976	0.29	10	1.17	349	1	0.01	19	390	14	>10.0	11	5	93	10	<20	<0.01	10	<10	17	10	27	
G227977	0.64	20	1.59	344	1	0.02	25	540	8	6.16	2	7	54	<10	<20	0.02	<10	<10	34	<10	35	
G227978	0.43	10	0.76	235	<1	0.01	18	270	6	>10.0	8	5	54	10	<20	0.01	10	<10	27	10	23	
G227979	0.29	30	0.86	310	<1	<0.01	20	290	14	8.24	5	4	73	<10	<20	<0.01	<10	<10	18	<10	27	
G227980	0.88	20	2.23	429	<1	0.08	58	460	3	0.49	<2	9	133	<10	<20	0.07	<10	<10	49	<10	37	
G227981	0.32	20	1.3	286	1	0.02	23	350	6	1.06	3	6	108	<10	<20	<0.01	<10	<10	18	<10	23	
G227982	0.36	20	0.89	178	<1	0.02	1	350	6	1.05	3	3	125	<10	<20	<0.01	<10	<10	8	<10	14	
G227983	0.27	30	0.73	225	2	0.03	1	460	7	0.5	<2	4	87	<10	20	<0.01	<10	<10	12	<10	20	
G227984	0.33	30	0.88	268	2	0.04	35	540	5	1.07	2	6	129	<10	20	<0.01	<10	<10	22	<10	37	
G227985	0.3	20	1.2	229	1	0.02	1	310	16	1.76	8	2	108	<10	<20	<0.01	<10	<10	6	<10	73	
G227986	1.06	40	1.72	301	<1	0.03	26	720	4	0.87	<2	7	169	<10	<20	0.06	<10	<10	47	<10	31	
G227987	1.16	10	2.16	381	<1	0.09	37	1000	3	0.97	6	9	159	<10	<20	0.12	<10	<10	66	<10	35	
G227988	1.35	20	2.17	340	<1	0.06	28	1710	3	0.73	5	8	158	<10	<20	0.13	<10	<10	76	<10	38	
G227989	0.36	20	1.61	323	<1	0.02	2	1300	8	2.46	5	10	124	<10	<20	<0.01	<10	<10	60	<10	29	
G227990	0.98	40	1.38	342	<1	0.04	1	1420	6	0.89	<2	8	110	<10	<20	0.06	<10	<10	72	<10	43	
G227991	0.34	20	1.53	366	<1	0.02	1	1170	25	2.27	9	11	174	<10	<20	<0.01	<10	<10	49	<10	89	
G227992	0.41	20	1.98	320	<1	0.02	15	720	11	3.4	10	9	189	<10	<20	<0.01	<10	<10	37	<10	169	
G227993	0.22	30	1.23	298	<1	0.02	7	1100	26	1.51	5	9	153	<10	<20	<0.01	<10	<10	34	<10	116	
G227994	0.23	50	0.72	188	1	0.03	12	410	9	0.78	3	4	203	<10	20	0.01	<10	<10	15	<10	29	
G227995	0.24	20	1.86	365	1	0.02	12	1060	66	2.22	10	10	187	10	<20	<0.01	<10	<10	32	<10	246	
G227996	0.25	10	2	354	1	0.02	29	940	26	1.53	10	14	204	<10	<20	<0.01	<10	<10	39	<10	131	
G227997	0.11	10	4.9	623	1	0.02	7	220	97	1.29	14	3	388	10	<20	<0.01	<10	<10	14	<10	582	
G227998	0.15	20	2.36	372	1	0.02	9	410	35	1.48	10	6	278	<10	<20	<0.01	<10	<10	23	<10	181	
G227999	0.1	20	5.23	719	1	0.02	5	180	25	0.63	6	2	416	<10	<20	<0.01	<10	<10	9	<10	135	
G228000	0.13	10	2.59	416	1	0.01	4	180	32	0.72	13	2	177	<10	<20	<0.01	<10	<10	8	20	3210	
G226501	0.2	30	1.75	232	1	0.02	5	290	16	0.94	4	3	146	10	20	<0.01	<10	<10	11	<10	47	
G226502	0.21	30	1.79	234	2	0.02	5	300	10	0.65	5	3	150	10	20	<0.01	<10	<10	11	<10	38	
G226503	0.18	<10	0.99	579	334	0.08	42	980	70	5.23	47	7	93	<10	<20	0.04	<10	<10	76	<10	129	3.31
G226504	0.16	<10	10.75	226	<1	0.02	4	260	2	<0.01	<2	1	52	<10	<20	0.01	<10	10	6	<10	16	
G226505	0.22	40	0.73	196	1	0.02	7	440	6	0.92	3	4	75	<10	30	<0.01	<10	<10	12	<10	17	
G226506	0.18	20	0.91	270	1	0.01	14	510	5	1.06	6	8	127	<10	20	<0.01	<10	<10	19	<10	80	
G226507	0.43	50	0.84	211	1	0.03	7	560	12	0.76	5	4	62	<10	30	0.02	<10	<10	24	<10	45	
G226508	0.25	40	0.77	219	1	0.03	8	550	4	0.87	4	4	93	<10	30	0.01	<10	<10	14	<10	14	
G226509	0.18	30	0.76	260	1	0.02	9	360	16	0.7	4	4	105	<10	20	<0.01	<10	<10	11	<10	51	
G226510	0.16	40	0.57	225	1	0.03	3	420	6	1.14	5	3	93	<10	30	<0.01	<10	<10	9	<10	17	
G226511	0.2	30	0.88	274	<1	0.02	11	430	22	0.68	3	6	124	<10	20	<0.01	<10	<10	14	<10	62	

Core Sample Intervals

Hole No: SG-09-41

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G226512	3.0-4.4	3.0	4.4	1.4	G226512	0.010	0.2	2.43	9	<10	130	0.7	<2	0.5	1.1	17	89	65	3.61	10	<1
G226513	4.4-5.4	4.4	5.4	1.0	G226513	0.015	0.4	1.68	27	<10	80	0.5	<2	0.77	0.8	7	65	212	3.15	10	<1
G226514	5.4-6.8	5.4	6.8	1.4	G226514	0.029	0.3	2.17	15	<10	100	0.7	<2	1.14	2.5	18	80	184	3.24	10	<1
G226515	6.8-7.8	6.8	7.8	1.0	G226515	0.119	0.5	1.87	22	<10	80	0.9	<2	0.89	2.3	13	65	152	2.89	10	<1
G226516	7.8-9.8	7.8	9.8	2.0	G226516	0.020	0.3	2.12	15	<10	90	0.6	<2	0.72	<0.5	6	84	88	2.74	10	<1
G226517	9.8-11.8	9.8	11.8	2.0	G226517	0.006	0.2	2.12	13	<10	80	0.8	<2	0.9	1.7	14	77	209	3.31	10	<1
G226518	11.8-13.7	11.8	13.7	1.9	G226518	0.021	0.6	2.03	57	<10	70	0.6	<2	0.82	<0.5	8	77	216	2.98	10	<1
G226519	13.7-15.8	13.7	15.8	2.1	G226519	2.00	2.3	1.05	767	<10	70	0.5	10	2.01	5.9	21	38	214	3.26	<10	<1
G226520	15.8-17.8	15.8	17.8	2.0	G226520	1.885	1.8	1.56	119	<10	60	0.7	4	1.93	4.8	12	51	246	3.23	10	<1
G226521	17.8-18.8	17.8	18.8	1.0	G226521	0.123	0.4	1.82	18	<10	70	0.6	<2	0.86	1.2	14	69	115	2.91	10	<1
G226522	18.8-20.3	18.8	20.3	1.5	G226522	0.010	<0.2	2.16	13	<10	110	0.6	<2	0.49	<0.5	11	83	75	3.22	10	<1
G226523	20.3-21.6	20.3	21.6	1.3	G226523	0.008	0.2	1.57	14	<10	90	0.5	<2	0.84	1.2	12	60	71	2.29	10	<1
G226524	21.6-22.6	21.6	22.6	1.0	G226524	0.008	<0.2	1.9	8	<10	100	0.6	<2	0.5	<0.5	11	67	55	2.87	10	<1
G226525	33.0-34.0	33.0	34.0	1.0	G226525	0.066	0.4	2.38	995	<10	90	0.8	<2	1.34	1.4	15	78	126	3.85	10	<1
G226526	34.0-36.0	34.0	36.0	2.0	G226526	0.270	0.8	0.71	35	<10	30	<0.5	2	1.35	3.1	15	17	270	4.37	<10	<1
G226527	36.0-37.0	36.0	37.0	1.0	G226527	0.059	0.5	0.66	249	<10	20	0.6	<2	1.68	<0.5	12	12	176	2.84	<10	<1
G226528	37.0-38.7	37.0	38.7	1.7	G226528	0.011	0.3	0.59	88	<10	30	0.6	<2	1.09	<0.5	8	6	86	2.23	<10	<1
G226529	38.7-40.7	38.7	40.7	2.0	G226529	0.068	0.6	0.53	119	<10	30	0.6	<2	1.14	0.6	9	8	127	2.06	<10	<1
G226530	40.7-42.7	40.7	42.7	2.0	G226530	0.027	0.5	0.85	80	<10	40	0.7	<2	2.45	0.5	11	8	161	2.62	<10	<1
G226531	42.7-43.7	42.7	43.7	1.0	G226531	0.087	0.8	1.06	22	<10	40	0.6	<2	1.89	<0.5	7	10	176	2.18	<10	<1
G226532	43.7-45.1	43.7	45.1	1.4	G226532	0.268	1.5	0.96	473	<10	40	0.6	<2	1.82	3.6	7	12	304	2.27	<10	<1
G226533	45.1-47.1	45.1	47.1	2.0	G226533	0.157	1	1.14	820	<10	50	0.5	2	1.71	6.5	10	37	175	2.35	10	<1
G226534	47.1-48.1	47.1	48.1	1.0	G226534	0.072	0.8	1.37	221	<10	70	0.5	<2	0.86	8.5	12	43	170	2.76	10	<1
G226535	53.1-55.3	53.1	55.3	2.2	G226535	0.053	1.1	1.66	30	<10	60	0.6	<2	1.28	17.9	17	60	241	2.68	10	<1
G226536	55.3-57.3	55.3	57.3	2.0	G226536	1.40	3.5	2.03	3780	<10	100	0.6	9	0.81	1.2	15	72	257	3.57	10	<1
G226537	dup	55.3	57.3	2.0	G226537	0.968	2.2	2.01	3360	<10	100	0.6	8	0.85	1.2	13	71	228	3.38	10	<1
G226538	std			0.0	G226538	7.45	13	1.46	54	<10	30	<0.5	2	3	4.3	32	26	>10000	6.7	10	<1
G226539	blk			0.0	G226539	<0.005	<0.2	0.25	6	<10	30	<0.5	<2	17.1	<0.5	1	8	3	0.5	<10	<1
G226540	57.3-58.3	57.3	58.3	1.0	G226540	0.231	0.5	1.89	332	<10	70	0.6	<2	0.81	8.5	13	82	110	3.06	10	<1
G226541	61.2-62.6	61.2	62.6	1.4	G226541	0.037	0.5	1.48	159	<10	60	<0.5	<2	0.76	1.9	12	58	96	2.61	10	<1
G226542	68.3-70.3	68.3	70.3	2.0	G226542	0.057	2.2	1.22	67	<10	50	0.8	5	1.34	1	15	34	226	2.93	<10	<1
G226543	70.3-72.3	70.3	72.3	2.0	G226543	0.027	0.6	1.82	35	<10	50	1	<2	0.94	2.6	16	62	182	3.05	10	<1
G226544	72.3-74.3	72.3	74.3	2.0	G226544	0.011	0.6	1.56	49	<10	50	0.8	<2	0.96	<0.5	13	65	149	2.26	10	<1
G226545	74.3-75.4	74.3	75.4	1.1	G226545	0.137	0.4	1.16	105	<10	40	0.7	<2	1.13	<0.5	12	43	117	2.66	<10	<1
G226546	75.4-76.4	75.4	76.4	1.0	G226546	0.014	0.2	1.91	24	<10	140	0.6	<2	0.75	<0.5	11	72	69	2.89	10	<1
G226547	81.5-82.5	81.5	82.5	1.0	G226547	0.082	1.6	1.52	39	<10	60	0.6	3	1.04	1.4	11	52	340	2.44	10	<1
G226548	82.5-84.5	82.5	84.5	2.0	G226548	0.422	4.3	0.87	69	<10	40	<0.5	8	1.19	1.6	17	36	865	4.9	<10	<1
G226549	84.5-86.5	84.5	86.5	2.0	G226549	0.051	1.3	0.9	169	<10	30	0.6	4	1.82	1.9	8	28	272	3.36	<10	<1
G226550	86.5-88.5	86.5	88.5	2.0	G226550	0.068	0.4	1.02	174	<10	140	0.7	<2	1.47	4.3	8	23	90	2.18	<10	<1
G226551	88.5-90.5	88.5	90.5	2.0	G226551	0.177	9.5	1.02	501	<10	60	0.7	2	1.66	70.6	12	36	287	3.3	10	<1
G226552	90.5-92.1	90.5	92.1	1.6	G226552	0.015	0.7	2.22	51	<10	120	0.7	<2	2.31	<0.5	15	50	278	3.98	10	<1
G226553	92.1-94.1	92.1	94.1	2.0	G226553	0.016	1.6	0.43	226	<10	40	0.6	4	1.88	1.2	9	6	211	2.5	<10	<1
G226554	94.1-95.7	94.1	95.7	1.6	G226554	0.021	2.2	0.45	135	<10	40	0.7	3	1.77	7.2	6	8	223	2.45	<10	<1
G226555	95.7-96.2	95.7	96.2	0.5	G226555	<0.005	0.7	0.16	26	<10	30	<0.5	<2	1.01	<0.5	3	10	90	1.45	<10	<1
G226556	96.2-98.2	96.2	98.2	2.0	G226556	0.025	0.8	0.56	22	<10	50	0.7	2	2.33	<0.5	7	4	153	3.73	<10	<1
G226557	98.2-100.2	98.2	100.2	2.0	G226557	0.021	2.3	0.29	35	<10	40	0.5	14	1.15	0.5	3	4	269	1.68	<10	<1
G226558	100.2-102.2	100.2	102.2	2.0	G226558	0.034	0.9	0.31	246	10	70	0.5	5	0.8	<0.5	3	4	175	1.53	<10	<1
G226559	102.2-104.2	102.2	104.2	2.0	G226559	0.007	0.3	0.31	32	<10	140	0.5	<2	1.03	<0.5	3	5	42	1.75	<10	<1
G226560	104.2-106.2	104.2	106.2	2.0	G226560	0.177	0.5	0.3	3510	<10	30	<0.5	2	0.28	2.8	3	4	42	1.96	<10	<1
G226561	106.2-108.2	106.2	108.2	2.0	G226561	0.117	15.8	0.32	1970	<10	50	0.5	<2	0.72	67.1	4	4	163	2.51	<10	<1
G226562	108.2-110.2	108.2	110.2	2.0	G226562	0.033	0.7	0.28	211	<10	30	0.5	2	1.09	18.6	3	5	111	1.48	<10	<1
G226563	110.2-112.2	110.2	112.2	2.0	G226563	0.008	0.4	0.27	53	<10	40	0.5	<2	1.2	<0.5	3	6	72	1.54	<10	<1

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Cu
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G226512	1.4	20	1.54	154	4	0.04	62	470	2	0.45	<2	7	19	<10	<20	0.17	<10	<10	63	<10	58	
G226513	0.96	20	1.01	77	807	0.06	24	410	3	1.03	<2	5	35	<10	<20	0.1	<10	<10	42	<10	44	
G226514	1.21	20	1.35	126	3	0.05	52	420	3	0.83	<2	6	38	<10	<20	0.15	<10	<10	57	<10	68	
G226515	0.77	30	1.1	74	5	0.04	43	450	4	0.93	<2	5	38	<10	<20	0.09	<10	<10	44	<10	121	
G226516	0.99	10	1.48	83	33	0.04	30	420	3	0.74	2	7	22	<10	<20	0.12	<10	<10	59	<10	53	
G226517	1.01	20	1.23	94	3	0.04	41	390	3	0.96	<2	6	26	<10	<20	0.12	<10	<10	52	<10	41	
G226518	0.9	20	1.2	90	12	0.05	28	390	8	1.06	<2	6	27	<10	<20	0.11	<10	<10	52	<10	43	
G226519	0.52	20	0.58	151	18	0.02	39	350	35	2.64	9	4	44	<10	<20	0.02	<10	<10	25	<10	235	
G226520	0.64	20	0.97	171	7	0.02	41	370	7	1.56	5	4	39	<10	<20	0.07	<10	<10	34	<10	182	
G226521	0.84	20	1.13	133	6	0.04	49	370	3	0.93	2	5	23	<10	<20	0.11	<10	<10	47	<10	100	
G226522	1.15	20	1.32	140	7	0.05	39	390	2	0.52	<2	7	16	<10	<20	0.16	<10	<10	59	<10	32	
G226523	0.81	20	0.96	127	4	0.04	41	430	2	0.69	<2	5	18	<10	<20	0.1	<10	<10	39	<10	68	
G226524	0.98	20	1.07	142	7	0.05	40	380	2	0.52	<2	5	15	<10	<20	0.13	<10	<10	45	<10	23	
G226525	0.69	20	1.31	140	1	0.11	49	550	8	1.8	31	7	59	<10	<20	0.1	<10	<10	56	<10	75	
G226526	0.2	20	0.39	94	2	0.01	23	360	6	3.04	6	2	44	<10	<20	<0.01	<10	<10	10	<10	142	
G226527	0.16	20	0.44	107	9	0.01	27	430	5	1.77	7	3	68	<10	<20	<0.01	<10	<10	10	<10	28	
G226528	0.2	30	0.29	65	11	0.02	14	410	6	1.33	3	2	40	<10	<20	<0.01	<10	<10	6	<10	23	
G226529	0.19	30	0.29	62	17	0.02	14	430	6	1.2	4	2	62	<10	<20	<0.01	<10	<10	7	<10	35	
G226530	0.25	10	0.55	115	7	0.03	11	570	5	1.76	6	3	65	<10	<20	<0.01	<10	<10	17	<10	36	
G226531	0.23	20	0.66	92	2	0.06	6	600	4	1.44	<2	2	52	<10	<20	<0.01	<10	<10	20	<10	26	
G226532	0.26	20	0.59	91	1	0.05	7	590	5	1.77	<2	2	47	<10	<20	<0.01	<10	<10	19	<10	158	
G226533	0.46	20	0.71	121	7	0.03	29	350	5	1.33	2	3	38	<10	<20	0.05	<10	<10	24	<10	268	
G226534	0.66	20	0.89	103	9	0.04	37	290	3	1.53	<2	4	21	<10	<20	0.08	<10	<10	29	<10	338	
G226535	0.78	30	1.07	137	2	0.04	53	340	3	1.25	<2	5	32	<10	<20	0.09	<10	<10	42	<10	702	
G226536	1.08	20	1.26	163	5	0.05	43	420	7	1.17	2	7	26	<10	<20	0.14	<10	<10	52	<10	65	
G226537	1.06	20	1.25	155	4	0.05	42	450	7	1.02	3	7	28	<10	<20	0.14	<10	<10	51	<10	66	
G226538	0.2	<10	1	582	349	0.11	42	1000	68	5.33	48	7	99	<10	<20	0.04	<10	<10	79	<10	128	3.31
G226539	0.13	<10	10.65	224	<1	0.02	4	260	2	<0.01	<2	1	53	<10	<20	0.01	<10	10	5	<10	15	
G226540	0.89	20	1.29	175	6	0.05	40	400	3	1.03	<2	7	26	<10	<20	0.12	<10	<10	56	<10	360	
G226541	0.69	20	1.02	124	3	0.04	34	420	3	1.3	2	5	22	<10	<20	0.08	<10	<10	42	<10	87	
G226542	0.48	20	0.75	85	21	0.06	34	470	20	2.2	<2	4	37	<10	<20	0.03	<10	<10	22	<10	51	
G226543	0.82	20	1.17	95	10	0.04	47	410	5	1.7	2	6	31	<10	<20	0.08	<10	<10	43	<10	120	
G226544	0.73	20	1.03	100	8	0.03	45	360	3	0.93	<2	6	28	<10	<20	0.07	<10	<10	40	<10	21	
G226545	0.46	20	0.71	102	6	0.03	31	370	4	1.5	<2	5	31	<10	<20	0.04	<10	<10	30	<10	20	
G226546	0.99	20	1.18	169	1	0.07	41	380	2	0.63	<2	6	26	<10	<20	0.12	<10	<10	51	<10	21	
G226547	0.69	20	0.95	102	<1	0.05	36	390	4	1.05	<2	5	42	<10	<20	0.07	<10	<10	34	<10	74	
G226548	0.38	40	0.86	113	31	0.02	63	530	8	3.06	2	5	32	<10	<20	0.01	<10	<10	24	<10	74	
G226549	0.35	30	0.97	150	10	0.03	31	460	5	1.74	3	5	54	<10	<20	0.01	<10	<10	26	<10	99	
G226550	0.33	30	0.62	116	2	0.04	20	410	4	1.1	<2	3	44	<10	<20	0.02	<10	<10	18	<10	193	
G226551	0.48	20	0.81	160	9	0.03	33	410	1825	2.34	11	5	42	<10	<20	0.03	<10	<10	27	<10	2700	
G226552	0.75	30	1.67	172	5	0.13	31	250	6	1.94	<2	14	88	<10	<20	0.05	<10	<10	96	<10	36	
G226553	0.24	30	0.49	131	11	0.03	6	260	83	1.63	3	4	72	<10	20	<0.01	<10	<10	12	<10	54	
G226554	0.26	30	0.4	120	13	0.03	8	310	233	1.56	4	3	63	<10	20	<0.01	<10	<10	7	<10	293	
G226555	0.11	10	0.19	86	2	0.02	2	100	4	0.78	<2	1	32	<10	<20	<0.01	<10	<10	1	<10	12	
G226556	0.25	30	0.22	120	42	0.06	2	350	6	3.58	<2	3	82	<10	<20	<0.01	<10	<10	4	<10	19	
G226557	0.19	20	0.21	95	1	0.03	1	100	15	1.55	2	<1	40	<10	20	<0.01	<10	<10	1	<10	23	
G226558	0.21	20	0.16	116	3	0.02	1	100	8	2.16	5	<1	33	<10	20	<0.01	<10	<10	1	<10	18	
G226559	0.2	20	0.11	79	15	0.03	1	90	5	1.84	<2	<1	39	<10	20	<0.01	<10	<10	1	<10	9	
G226560	0.2	10	0.07	61	14	0.01	1	90	6	1.82	4	<1	35	<10	20	<0.01	<10	<10	<1	<10	115	
G226561	0.23	10	0.26	162	8	0.01	1	90	2720	2.57	28	<1	35	<10	20	<0.01	<10	<10	1	<10	2740	
G226562	0.21	20	0.1	132	10	0.02	1	90	10	1.37	<2	<1	34	<10	20	<0.01	<10	<10	1	<10	748	
G226563	0.19	20	0.09	82	1	0.04	1	80	7	1.37	<2	<1	40	<10	20	<0.01	<10	<10	1	<10	13	

G226564	112.2-114.2	112.2	114.2	2.0	G226564	0.008	<0.2	0.32	25	<10	70	0.5	2	1.06	<0.5	3	7	87	1.56	<10	<1
G226565	114.2-116.2	114.2	116.2	2.0	G226565	0.006	<0.2	0.27	21	<10	110	0.5	<2	1.14	<0.5	2	6	56	1.36	<10	<1
G226566	116.2-118.2	116.2	118.2	2.0	G226566	0.006	<0.2	0.39	34	<10	60	0.6	<2	1.04	<0.5	2	8	60	1.36	<10	<1
G226567	118.2-120.2	118.2	120.2	2.0	G226567	0.006	<0.2	0.3	18	<10	40	0.5	<2	1.1	<0.5	3	5	36	1.34	<10	<1
G226568	120.2-122.2	120.2	122.2	2.0	G226568	0.007	<0.2	0.32	80	<10	100	0.6	<2	1.32	<0.5	4	8	99	1.79	<10	<1
G226569	122.2-124.2	122.2	124.2	2.0	G226569	0.008	<0.2	0.27	16	<10	40	<0.5	2	0.97	<0.5	2	5	34	1.37	<10	<1
G226570	124.2-126.2	124.2	126.2	2.0	G226570	0.006	<0.2	0.37	14	10	40	0.5	<2	0.88	<0.5	2	8	35	1.35	<10	<1
G226571	126.2-128.2	126.2	128.2	2.0	G226571	0.027	0.2	0.33	520	<10	120	0.5	3	0.76	1.3	4	4	111	1.79	<10	<1
G226572	dup	126.2	128.2	2.0	G226572	0.02	0.2	0.33	402	10	150	0.5	3	0.71	1	4	5	77	1.56	<10	<1
G226573	std			0.0	G226573	7.28	12.6	1.41	51	<10	20	<0.5	<2	3.1	4.5	32	26	>10000	6.79	10	<1
G226574	blk			0.0	G226574	<0.005	<0.2	0.26	<2	<10	30	<0.5	<2	19.6	<0.5	1	8	47	0.56	<10	1
G226575	128.2-130.2	128.2	130.2	2.0	G226575	0.007	<0.2	0.34	64	<10	100	0.5	<2	0.83	<0.5	3	4	59	1.87	<10	<1
G226576	130.2-132.2	130.2	132.2	2.0	G226576	0.010	<0.2	0.38	116	10	40	0.6	2	1.14	<0.5	2	5	106	1.39	<10	1
G226577	132.2-134.2	132.2	134.2	2.0	G226577	0.020	0.3	0.32	255	10	20	0.5	4	0.7	<0.5	3	4	99	1.48	<10	<1
G226578	134.2-136.2	134.2	136.2	2.0	G226578	0.010	<0.2	0.34	107	10	40	0.6	<2	0.61	<0.5	2	5	46	1.49	<10	<1
G226579	136.2-138.2	136.2	138.2	2.0	G226579	0.073	1.5	0.3	1020	<10	20	0.5	<2	0.54	4	2	5	120	1.59	<10	<1
G226580	138.2-140.2	138.2	140.2	2.0	G226580	0.016	0.2	0.35	35	10	20	0.5	<2	0.68	<0.5	3	5	78	1.55	<10	<1
G226581	140.2-142.2	140.2	142.2	2.0	G226581	0.009	<0.2	0.32	56	10	20	0.5	<2	0.75	<0.5	3	5	72	1.57	<10	<1
G226582	142.2-144.0	142.2	144.0	1.8	G226582	0.032	<0.2	0.34	248	<10	20	0.5	2	0.82	<0.5	4	5	82	1.65	<10	<1
G226583	144.0-145.5	144.0	145.5	1.5	G226583	0.025	0.7	0.3	85	<10	120	0.5	<2	0.9	<0.5	4	5	195	2.24	<10	<1
G226584	145.5-147.5	145.5	147.5	2.0	G226584	0.009	<0.2	0.37	42	<10	220	0.5	2	1.48	<0.5	4	4	81	1.7	<10	<1
G226585	147.5-148.5	147.5	148.5	1.0	G226585	0.012	<0.2	0.37	25	10	20	0.5	<2	1.28	<0.5	5	4	69	1.73	<10	1
G226586	148.5-150.0	148.5	150.0	1.5	G226586	0.012	0.5	0.34	66	<10	30	0.6	4	2.22	<0.5	4	5	180	2.11	<10	<1
G226587	150.0-152.0	150.0	152.0	2.0	G226587	0.202	0.9	0.5	1860	<10	20	0.9	5	2.73	1.3	10	6	318	2.98	<10	<1
G226588	152.0-154.0	152.0	154.0	2.0	G226588	0.778	1.6	0.51	>10000	10	70	1	7	3.53	0.8	12	6	250	4.96	<10	<1
G226589	154.0-156.0	154.0	156.0	2.0	G226589	0.009	<0.2	0.56	45	10	60	1.1	<2	2.64	<0.5	10	8	47	3.79	<10	<1
G226590	156.0-156.9	156.0	156.9	0.9	G226590	0.015	0.4	0.49	67	20	20	1.3	2	3.02	<0.5	12	11	153	3.77	<10	<1
G226591	156.9-158.9	156.9	158.9	2.0	G226591	0.396	2.8	0.48	4380	20	20	1	17	5.5	1.6	23	58	440	6.02	<10	<1
G226592	158.9-160.9	158.9	160.9	2.0	G226592	0.041	0.8	0.38	235	10	40	0.9	5	2.56	<0.5	11	13	172	2.59	<10	<1
G226593	160.9-162.9	160.9	162.9	2.0	G226593	0.222	2	0.34	4630	<10	10	0.6	2	3.31	0.6	8	8	288	3.37	<10	<1
G226594	162.9-163.4	162.9	163.4	0.5	G226594	0.196	1.5	0.48	2840	10	10	1	<2	4.89	<0.5	35	44	217	8.45	<10	<1
G226595	163.4-164.6	163.4	164.6	1.2	G226595	0.050	0.3	0.4	696	<10	20	0.6	2	1.87	<0.5	11	13	77	2.61	<10	<1
G226596	164.6-165.9	164.6	165.9	1.3	G226596	0.042	<0.2	0.5	510	<10	40	0.7	2	1.62	<0.5	10	20	96	2.76	<10	<1
G226597	165.9-167.7	165.9	167.7	1.8	G226597	<0.005	<0.2	0.3	24	<10	20	<0.5	2	0.73	<0.5	3	7	7	1.43	<10	<1
G226598	167.7-168.2	167.7	168.2	0.5	G226598	0.005	<0.2	0.28	22	<10	20	<0.5	2	1.3	<0.5	3	4	9	1.42	<10	<1
G226599	168.2-169.2	168.2	169.0	0.8	G226599	0.005	<0.2	0.82	16	<10	40	0.8	4	2.31	<0.5	10	16	26	3.48	<10	<1
G226600	169.2-170.2	169.2	170.2	1.0	G226600	0.020	0.2	0.25	143	<10	20	<0.5	<2	1.36	<0.5	7	3	53	1.52	<10	<1
G226601	170.2-171.5	170.2	171.5	1.3	G226601	0.037	0.3	0.34	186	<10	20	<0.5	<2	1.07	<0.5	6	4	74	1.66	<10	<1
G226602	171.5-172.6	171.5	172.6	1.1	G226602	0.022	1.4	0.59	87	<10	40	0.9	9	1.91	0.5	13	7	340	3.43	<10	<1
G226603	172.6-173.3	172.6	173.3	0.7	G226603	0.009	<0.2	0.33	38	<10	20	0.5	2	1.88	<0.5	8	6	57	2.08	<10	<1
G226604	173.3-174.6	173.3	174.6	1.3	G226604	0.025	0.8	0.61	243	10	40	1.4	5	5.09	1.3	27	71	195	4.9	<10	1
G226605	174.6-176.6	174.6	176.6	2.0	G226605	0.063	0.7	0.69	787	10	50	1.7	2	4.72	0.7	29	65	212	5.18	<10	<1
G226606	176.6-178.6	176.6	178.6	2.0	G226606	0.024	1	1.12	249	10	70	1.7	2	4.8	<0.5	25	116	255	4.36	<10	<1
G226607	dup	176.6	178.6	2.0	G226607	0.019	0.5	0.95	501	10	70	1.6	2	5.43	<0.5	25	100	190	4.31	<10	1
G226608	std			0.0	G226608	4.48	5	0.23	477	<10	20	<0.5	<2	0.12	<0.5	12	452	50	3.7	<10	8
G226609	blk			0.0	G226609	<0.005	<0.2	0.25	<2	<10	30	<0.5	<2	18.8	<0.5	1	9	<1	0.55	<10	<1
G226610	178.6-180.6	178.6	180.6	2.0	G226610	0.147	4.2	0.53	1500	<10	60	0.6	<2	2.05	0.9	12	37	584	3.74	<10	<1
G226611	180.6-182.2	180.6	182.2	1.6	G226611	0.909	3.1	0.25	>10000	<10	70	<0.5	8	0.79	3.2	6	5	137	3.48	<10	<1
G226612	182.2-183.1	182.2	183.1	0.9	G226612	0.514	5	0.29	8450	<10	20	0.5	2	0.72	4	25	3	541	5.91	<10	<1
G226613	183.1-185.1	183.1	185.1	2.0	G226613	0.009	<0.2	0.59	62	<10	50	0.7	<2	0.78	<0.5	3	6	77	1.45	<10	<1
G226614	185.1-187.1	185.1	187.1	2.0	G226614	0.005	<0.2	0.31	35	<10	20	0.5	<2	0.89	<0.5	3	4	49	1.51	<10	<1
G226615	187.1-189.1	187.1	189.1	2.0	G226615	0.007	0.3	0.29	25	<10	30	<0.5	<2	0.84	<0.5	4	5	79	1.6	<10	<1
G226616	189.1-190.8	189.1	190.8	1.7	G226616	0.007	0.6	0.27	71	<10	20	<0.5	2	0.92	0.8	4	5	87	1.48	<10	<1
G226617	190.8-192.3	190.8	192.3	1.5	G226617	0.048	5.1	0.25	1350	<10	20	<0.5	2	0.91	8.3	3	4	395	1.67	<10	<1
G226618	192.3-194.3	192.3	194.3	2.0	G226618	0.027	5.2	0.33	447	10	20	0.5	3	0.53	19	3	5	117	1.54	<10	<1
G226619	194.3-195.1	194.3	195.1	0.8	G226619	0.011	4.3	0.26	139	<10	10	0.5	<2	0.51	8.8	3	3	121	1.5	<10	<1
G226620	195.1-197.1	195.1	197.1	2.0	G226620	0.033	1.8	0.31	313	10	10	0.6	2	1.72	0.9	3	4	93	1.66	<10	1
G226621	197.1-198.1	197.1	198.1	1.0	G226621	0.511	17.8	0.24	6240	<10	10	<0.5	2	1.6	53.7	3	3	319	2.08	<10	<1
G226622	198.1-200.1	198.1	200.1	2.0	G226622	0.005	0.2	0.34	82	10	20	0.6	<2	0.82	<0.5	3	5	39	1.51	<10	<1
G226623	200.1-201.8	200.1	201.8	1.7	G226623	0.012	0.3	0.28	234	10	70	0.5	<2	0.82	<0.5	2	4	97	1.34	<10	<1
G226624	201.8-203.2	201.8	203.2	1.4	G226624	0.011	1.7	0.36	251	10	20	0.6	3	1.42	2.2	2	3	125	1.52	<10	<1

G226564	0.23	20	0.16	79	3	0.02	<1	90	2	1.34	2	<1	40	<10	20	<0.01	<10	<10	1	<10	12	
G226565	0.2	20	0.21	73	3	0.03	<1	90	<2	1.11	<2	<1	39	<10	20	<0.01	<10	<10	<1	<10	9	
G226566	0.25	20	0.31	70	12	0.03	<1	90	3	1	<2	<1	33	<10	20	<0.01	<10	<10	1	<10	10	
G226567	0.2	20	0.29	72	32	0.04	1	90	2	1.04	<2	<1	33	<10	20	<0.01	<10	<10	1	<10	10	
G226568	0.21	30	0.37	78	60	0.04	1	100	3	1.52	2	1	40	<10	20	<0.01	<10	<10	1	<10	12	
G226569	0.18	30	0.17	71	3	0.04	<1	80	2	1.12	2	<1	29	<10	20	<0.01	<10	<10	1	<10	6	
G226570	0.24	20	0.35	91	7	0.02	<1	90	5	1.02	3	<1	45	<10	20	<0.01	<10	<10	<1	<10	8	
G226571	0.23	20	0.3	111	33	0.01	<1	80	5	1.56	5	<1	36	<10	20	<0.01	<10	<10	<1	<10	52	
G226572	0.22	20	0.28	101	55	0.01	<1	80	3	1.32	4	<1	31	<10	20	<0.01	<10	<10	<1	<10	38	
G226573	0.2	10	1.02	562	360	0.1	42	980	67	5.46	46	7	96	<10	<20	0.04	<10	<10	78	<10	131	3.32
G226574	0.14	10	11.55	227	1	0.02	6	250	<2	<0.01	<2	1	52	<10	<20	0.01	<10	<10	6	<10	13	
G226575	0.22	20	0.33	109	3	0.03	<1	90	2	1.62	3	<1	36	<10	20	<0.01	<10	<10	1	<10	12	
G226576	0.25	20	0.47	144	4	0.01	<1	80	<2	1.02	7	<1	42	<10	20	<0.01	<10	<10	<1	<10	12	
G226577	0.22	20	0.29	121	39	0.02	<1	80	11	1.28	9	<1	25	<10	20	<0.01	<10	<10	<1	<10	14	
G226578	0.23	20	0.25	101	2	0.01	<1	70	4	1.34	4	<1	26	<10	20	<0.01	<10	<10	<1	<10	10	
G226579	0.21	10	0.22	114	7	0.01	<1	70	202	1.33	23	<1	29	<10	20	<0.01	<10	10	<1	<10	167	
G226580	0.21	20	0.27	92	4	0.01	<1	80	5	1.27	17	<1	28	<10	20	<0.01	<10	<10	1	<10	13	
G226581	0.21	10	0.3	101	54	0.01	<1	70	3	1.34	14	<1	24	<10	20	<0.01	<10	<10	<1	<10	9	
G226582	0.21	10	0.31	90	12	0.01	<1	90	3	1.36	14	<1	44	<10	20	<0.01	<10	<10	1	<10	11	
G226583	0.22	10	0.34	100	40	0.01	1	70	4	2.03	5	<1	42	<10	20	<0.01	<10	<10	1	<10	16	
G226584	0.21	20	0.55	115	11	0.01	2	90	<2	1.18	3	<1	57	<10	20	<0.01	<10	<10	2	<10	16	
G226585	0.22	10	0.51	112	7	0.02	2	80	<2	1.28	13	<1	41	<10	20	<0.01	<10	<10	1	<10	10	
G226586	0.22	10	0.85	152	54	0.01	3	80	2	1.38	4	1	85	<10	20	<0.01	<10	10	3	<10	22	
G226587	0.27	10	0.89	168	6	0.01	10	490	10	2.3	16	3	97	<10	<20	<0.01	<10	<10	8	<10	59	
G226588	0.31	10	1.16	213	<1	0.02	13	650	7	4.44	26	4	164	<10	<20	<0.01	<10	<10	9	<10	44	
G226589	0.28	10	1.11	125	<1	0.02	13	730	<2	3.91	3	4	87	<10	<20	<0.01	<10	<10	12	<10	14	
G226590	0.27	10	1.27	190	2	0.02	18	590	<2	3.61	33	6	93	<10	<20	<0.01	<10	<10	17	<10	24	
G226591	0.29	10	2.33	364	15	0.02	84	580	128	5.73	28	10	195	<10	<20	<0.01	<10	<10	24	<10	158	
G226592	0.22	10	0.95	177	15	0.02	30	290	10	2.12	12	4	97	<10	20	<0.01	<10	<10	7	<10	72	
G226593	0.2	10	1.37	240	13	0.02	22	160	25	2.75	52	1	121	<10	<20	<0.01	<10	10	4	<10	47	
G226594	0.28	10	2.02	329	39	0.02	96	630	32	9.01	38	10	180	<10	<20	<0.01	<10	<10	19	<10	30	
G226595	0.22	10	0.56	169	220	0.01	27	270	14	2.56	12	2	61	<10	<20	<0.01	<10	10	4	<10	17	
G226596	0.23	10	0.68	243	6	0.02	65	310	17	2.69	4	2	75	<10	<20	<0.01	<10	<10	5	<10	22	
G226597	0.2	20	0.32	72	18	0.03	2	90	3	1.26	<2	<1	31	<10	20	<0.01	<10	<10	<1	<10	6	
G226598	0.19	20	0.44	87	7	0.02	1	80	5	1.2	2	<1	45	<10	20	<0.01	<10	<10	1	<10	6	
G226599	0.41	10	1.09	115	1	0.03	15	750	2	3.4	<2	5	94	<10	<20	0.01	<10	10	23	<10	14	
G226600	0.17	10	0.43	111	36	0.01	4	90	4	1.28	2	1	36	<10	20	<0.01	<10	<10	2	<10	15	
G226601	0.2	10	0.39	105	12	0.01	3	70	2	1.28	9	1	37	<10	<20	<0.01	<10	<10	2	<10	9	
G226602	0.29	10	0.82	120	4	0.02	14	590	6	3.27	5	5	143	<10	<20	<0.01	<10	<10	11	<10	28	
G226603	0.2	10	0.81	126	7	0.02	10	100	<2	1.62	4	1	46	<10	20	<0.01	<10	<10	2	<10	7	
G226604	0.26	10	2.27	331	9	0.02	99	670	83	4.34	18	15	353	<10	<20	<0.01	<10	10	40	<10	86	
G226605	0.25	10	1.94	300	49	0.02	106	710	35	4.66	6	18	278	<10	<20	<0.01	<10	<10	41	<10	59	
G226606	0.52	10	2.52	322	22	0.02	110	750	12	3.34	8	20	389	<10	<20	0.01	<10	10	62	<10	52	
G226607	0.41	10	2.59	349	25	0.02	98	650	7	3.17	6	19	418	<10	<20	<0.01	<10	<10	55	<10	40	
G226608	0.15	<10	0.06	231	16	<0.01	333	330	<2	1.93	71	1	6	<10	<20	<0.01	10	<10	17	<10	36	
G226609	0.13	10	11.15	221	<1	0.01	8	240	<2	<0.01	<2	1	50	<10	<20	0.01	<10	<10	6	<10	13	
G226610	0.29	10	0.82	160	11	0.01	36	300	10	3.42	14	5	105	<10	<20	0.01	<10	10	17	<10	43	
G226611	0.19	<10	0.28	112	23	0.01	3	80	210	2.98	23	<1	46	<10	20	<0.01	<10	<10	1	<10	135	
G226612	0.19	<10	0.17	70	632	0.01	6	70	79	6.16	32	<1	52	<10	<20	<0.01	<10	<10	1	<10	181	
G226613	0.35	20	0.48	72	17	0.02	1	80	3	1.04	2	1	46	<10	20	0.01	<10	<10	2	<10	12	
G226614	0.23	10	0.21	85	15	0.02	1	50	4	1.19	<2	<1	34	<10	30	<0.01	<10	<10	<1	<10	9	
G226615	0.2	10	0.19	91	20	0.02	1	70	9	1.44	<2	<1	29	<10	20	<0.01	<10	<10	<1	<10	12	
G226616	0.2	10	0.12	92	6	0.01	1	70	43	1.39	3	<1	34	<10	20	<0.01	<10	<10	<1	<10	30	
G226617	0.2	10	0.36	126	10	0.01	1	70	477	1.35	26	<1	32	<10	20	<0.01	<10	<10	1	<10	334	
G226618	0.23	10	0.22	83	7	0.01	<1	70	980	1.4	10	<1	52	<10	20	<0.01	<10	<10	<1	<10	798	
G226619	0.19	10	0.2	78	2	0.01	<1	80	735	1.42	8	<1	46	<10	20	<0.01	<10	<10	<1	<10	351	
G226620	0.21	10	0.66	256	32	0.01	<1	70	267	1.22	12	<1	57	<10	20	<0.01	<10	<10	1	<10	33	
G226621	0.18	10	0.44	1125	165	0.01	<1	50	2950	1.94	26	<1	49	<10	20	<0.01	<10	<10	<1	<10	2490	
G226622	0.23	10	0.31	111	24	0.01	<1	70	19	1.27	2	<1	41	<10	20	<0.01	<10	<10	<1	<10	13	
G226623	0.2	10	0.32	112	18	0.01	1	60	13	1.15	7	<1	72	<10	20	<0.01	<10	<10	<1	<10	16	
G226624	0.24	20	0.51	137	6	0.01	1	70	300	1.16	8	<1	79	<10	20	<0.01	<10	<10	<1	<10	92	

G226625	203.2-205.2	203.2	205.2	2.0	G226625	0.011	0.3	0.29	499	<10	10	0.5	3	0.66	<0.5	2	4	64	1.61	<10	<1
G226626	205.2-207.2	205.2	207.2	2.0	G226626	0.008	0.2	0.36	31	10	20	0.7	2	1.55	<0.5	3	7	60	1.63	<10	1
G226627	207.2-209.0	207.2	209.0	1.8	G226627	0.009	0.2	0.36	71	10	70	0.8	<2	1.84	<0.5	5	4	101	2.03	<10	<1
G226628	209.0-210.7	209.0	210.7	1.7	G226628	0.006	0.8	0.32	60	10	90	0.7	6	1.07	<0.5	3	4	54	1.51	<10	<1
G226629	210.7-212.4	210.7	212.4	1.7	G226629	0.005	0.3	0.29	53	<10	40	0.6	<2	1.32	<0.5	3	4	75	1.5	<10	<1
G226630	212.4-214.4	212.4	214.4	2.0	G226630	0.031	2	0.43	382	10	100	1	7	1.74	0.6	9	8	241	2.97	<10	<1
G226631	214.4-216.4	214.4	216.4	2.0	G226631	0.015	0.7	0.65	155	<10	110	0.9	<2	1.72	<0.5	8	9	181	2.54	<10	<1
G226632	216.4-218.4	216.4	218.4	2.0	G226632	0.007	0.4	0.33	69	10	30	0.6	3	1.1	<0.5	3	5	136	1.5	<10	<1
G226633	218.4-220.4	218.4	220.4	2.0	G226633	0.009	0.8	0.58	137	<10	80	0.7	2	1.57	0.6	3	9	174	1.62	<10	<1
G226634	220.4-222.4	220.4	222.4	2.0	G226634	0.009	0.2	0.39	144	10	20	0.9	3	1.48	<0.5	6	5	82	1.82	<10	<1
G226635	222.4-223.2	222.4	223.2	0.8	G226635	0.006	0.4	0.74	23	<10	80	0.7	2	1.47	1.8	5	8	100	2.21	<10	<1
G226636	223.2-225.2	223.2	225.2	2.0	G226636	<0.005	0.3	0.33	44	10	20	0.6	3	0.91	0.5	5	4	135	2.34	<10	<1
G226637	225.2-227.2	225.2	227.2	2.0	G226637	0.018	1.2	0.36	552	10	40	0.5	6	0.93	0.5	6	6	210	2.68	<10	<1
G226638	227.2-228.8	227.2	228.8	1.6	G226638	<0.005	0.8	0.32	76	<10	30	<0.5	3	0.99	<0.5	3	4	174	1.58	<10	<1
G226639	228.8-230.2	228.8	230.2	1.4	G226639	0.023	0.3	0.92	30	<10	50	1.5	3	3.94	<0.5	17	43	222	3.76	<10	<1
G226640	230.2-231.8	230.2	231.8	1.6	G226640	0.017	0.2	0.58	25	<10	60	1	4	3.33	<0.5	13	16	165	3.61	<10	<1
G226641	231.8-233.2	231.8	233.2	1.4	G226641	0.035	3.7	0.97	45	<10	40	1.8	8	2.81	1	16	34	941	5.01	<10	<1
G226642	dup	231.8	233.2	1.4	G226642	0.037	3.6	1.04	38	<10	30	1.8	5	2.56	1.2	17	39	1055	4.94	<10	<1
G226643	std			0.0	G226643	4.42	5.1	0.23	466	<10	20	<0.5	<2	0.11	<0.5	11	441	52	3.55	<10	7
G226644	blk			0.0	G226644	0.006	<0.2	0.27	<2	<10	30	<0.5	<2	18.7	<0.5	1	10	3	0.6	<10	<1
G226645	233.2-234.2	233.2	234.2	1.0	G226645	0.082	15	0.31	42	<10	100	0.5	96	1.41	2.7	9	4	2010	2.65	<10	1
G226646	234.2-235.7	234.2	235.7	1.5	G226646	0.041	3.7	0.32	27	<10	40	0.5	18	1.13	0.9	5	2	561	1.84	<10	<1
G226647	235.7-236.5	235.7	236.5	0.8	G226647	0.030	6.8	0.44	503	<10	120	0.9	61	1.85	1.5	6	3	408	2.01	<10	<1
G226648	236.5-237.7	236.5	237.7	1.2	G226648	0.026	2.6	0.44	410	<10	30	0.7	4	1.53	0.8	5	6	414	1.82	<10	<1
G226649	237.7-239.7	237.7	239.7	2.0	G226649	0.006	<0.2	1.71	21	<10	120	1	<2	1.81	<0.5	8	25	65	2.83	10	<1
G226650	239.7-241.7	239.7	241.7	2.0	G226650	0.006	<0.2	1.23	15	<10	70	1	<2	1.8	<0.5	6	13	49	2.27	<10	1
G226651	241.7-243.7	241.7	243.7	2.0	G226651	0.008	<0.2	0.58	47	<10	40	1	4	1.89	<0.5	6	10	60	2.21	<10	<1
G226652	243.7-244.2	243.7	244.2	0.5	G226652	<0.005	<0.2	0.32	17	<10	50	0.6	<2	1.35	<0.5	3	4	39	1.48	<10	<1
G226653	244.2-246.2	244.2	246.2	2.0	G226653	0.007	<0.2	0.46	31	<10	110	0.7	3	1.58	<0.5	5	11	70	2.07	<10	<1
G226654	246.2-248.2	246.2	248.2	2.0	G226654	0.01	0.4	0.33	34	<10	40	0.6	3	1.39	<0.5	5	5	155	1.63	<10	<1
G226655	248.2-249.7	248.2	249.7	1.5	G226655	0.018	1.5	0.55	25	<10	40	0.8	8	1.83	<0.5	11	19	346	2.89	<10	<1
G226656	249.7-251.5	249.7	251.5	1.8	G226656	<0.005	<0.2	0.41	7	<10	170	<0.5	3	1.22	<0.5	3	5	11	1.49	<10	<1

G226625	0.19	10	0.25	98	2	0.01	1	60	18	1.36	11	<1	30	<10	20	<0.01	<10	<10	1	<10	15	
G226626	0.21	10	0.56	129	6	0.01	2	70	13	1.19	15	<1	114	<10	20	<0.01	<10	<10	1	<10	79	
G226627	0.22	20	0.62	136	7	0.02	5	180	7	1.55	2	1	82	<10	20	<0.01	<10	<10	2	<10	16	
G226628	0.2	20	0.43	99	5	0.02	1	100	12	1.2	2	1	66	<10	20	<0.01	<10	<10	1	<10	10	
G226629	0.2	20	0.54	111	34	0.01	2	70	5	1.05	2	<1	71	<10	20	<0.01	<10	<10	1	<10	10	
G226630	0.24	10	0.64	153	1	0.02	14	400	10	2.57	8	4	108	<10	<20	<0.01	<10	<10	7	<10	33	
G226631	0.33	30	0.66	138	3	0.03	9	340	4	1.95	<2	3	72	<10	20	0.01	<10	<10	8	<10	25	
G226632	0.21	20	0.43	92	12	0.02	2	70	4	1.08	<2	<1	41	<10	20	<0.01	<10	<10	1	<10	14	
G226633	0.29	30	0.46	112	6	0.04	3	130	9	1.12	<2	1	48	<10	20	0.01	<10	<10	3	<10	29	
G226634	0.23	20	0.44	108	13	0.02	6	250	8	1.19	2	3	89	<10	<20	<0.01	<10	<10	4	<10	19	
G226635	0.39	30	0.58	117	3	0.04	5	340	4	1.4	<2	2	52	<10	20	0.02	<10	<10	6	<10	83	
G226636	0.23	20	0.32	93	2	0.02	1	80	7	1.85	<2	1	43	<10	20	<0.01	<10	<10	1	<10	21	
G226637	0.26	10	0.34	122	5	0.01	3	120	18	2.41	2	1	55	<10	<20	<0.01	<10	<10	1	<10	20	
G226638	0.22	20	0.2	83	5	0.03	<1	70	5	1.23	<2	<1	40	<10	20	<0.01	<10	<10	<1	<10	16	
G226639	0.32	30	1.25	306	23	0.02	26	540	4	2.51	<2	12	196	<10	<20	0.01	<10	<10	44	<10	43	
G226640	0.21	30	1.03	202	4	0.02	11	360	6	2.88	<2	6	212	<10	20	<0.01	<10	<10	18	<10	23	
G226641	0.27	30	1.12	223	3	0.02	23	640	6	3.49	2	12	319	<10	<20	0.01	<10	10	43	<10	69	
G226642	0.27	30	1.13	224	3	0.02	24	680	2	3.31	2	12	247	<10	<20	0.01	<10	10	45	<10	78	
G226643	0.15	<10	0.05	225	16	<0.01	327	320	<2	1.91	70	1	5	<10	<20	<0.01	10	<10	17	<10	36	
G226644	0.13	10	11	222	<1	0.02	7	250	<2	<0.01	<2	1	52	<10	<20	0.01	<10	<10	6	<10	14	
G226645	0.22	10	0.39	119	32	0.01	8	90	86	2	4	<1	57	<10	20	<0.01	<10	<10	1	<10	111	
G226646	0.21	10	0.22	89	43	0.02	2	90	17	1.48	2	<1	38	<10	20	<0.01	<10	<10	<1	<10	33	
G226647	0.21	10	0.39	102	14	0.02	4	180	90	1.69	6	1	117	<10	20	<0.01	<10	10	2	<10	71	
G226648	0.28	30	0.44	110	5	0.03	6	230	17	1.33	2	1	44	<10	20	<0.01	<10	<10	4	<10	37	
G226649	0.89	30	1.53	186	34	0.08	14	470	5	1.29	<2	5	90	<10	20	0.1	<10	<10	26	<10	25	
G226650	0.62	40	1.12	130	7	0.06	9	380	4	1.47	<2	3	67	<10	20	0.05	<10	<10	14	<10	17	
G226651	0.32	30	0.68	127	6	0.03	7	350	9	1.72	<2	2	52	<10	20	0.01	<10	<10	6	<10	16	
G226652	0.19	30	0.33	79	29	0.03	1	130	2	1.06	<2	<1	38	<10	20	<0.01	<10	<10	1	<10	14	
G226653	0.25	30	0.36	92	9	0.02	5	190	6	1.81	<2	2	44	<10	20	<0.01	<10	<10	5	<10	14	
G226654	0.22	20	0.3	94	17	0.02	1	110	8	1.28	2	<1	31	<10	20	<0.01	<10	<10	1	<10	18	
G226655	0.28	20	0.52	115	16	0.02	9	250	11	2.62	2	4	50	<10	20	0.01	<10	<10	16	<10	26	
G226656	0.26	20	0.4	81	10	0.04	1	70	3	1.23	<2	<1	37	<10	20	<0.01	<10	<10	1	<10	7	

Core Sample Intervals

Hole No: SG-09-43

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G226657	5.5-7.5	5.5	7.5	2.0	G226657	<0.005	<0.2	0.43	20	<10	50	0.5	3	0.84	<0.5	2	8	19	1.62	<10	1
G226658	7.5-9.2	7.5	9.2	1.7	G226658	0.009	<0.2	0.43	45	<10	40	0.5	<2	1.39	<0.5	3	4	31	1.9	<10	1
G226659	9.2-11.2	9.2	11.2	2.0	G226659	<0.005	<0.2	0.48	33	<10	60	0.6	2	1.22	<0.5	2	7	24	1.49	<10	1
G226660	11.2-13.0	11.2	13.0	1.8	G226660	0.009	<0.2	0.54	33	<10	50	0.7	4	1.59	<0.5	2	3	60	1.78	<10	<1
G226661	13.0-14.6	13.0	14.6	1.6	G226661	0.008	0.8	0.48	46	<10	40	0.6	13	1.75	<0.5	5	7	178	2	<10	<1
G226662	14.6-16.6	14.6	16.6	2.0	G226662	<0.005	<0.2	0.58	41	<10	120	0.6	<2	1.59	<0.5	3	4	15	1.54	<10	<1
G226663	16.6-18.6	16.6	18.6	2.0	G226663	<0.005	<0.2	0.77	39	<10	60	0.6	<2	1.01	<0.5	2	7	17	1.67	<10	1
G226664	18.6-20.6	18.6	20.6	2.0	G226664	<0.005	<0.2	0.88	68	<10	40	0.8	3	1.83	<0.5	3	4	47	1.7	<10	1
G226665	20.6-21.3	20.6	21.3	0.7	G226665	<0.005	0.2	0.66	38	<10	40	0.5	<2	2.71	<0.5	4	5	46	1.7	<10	1
G226666	21.3-23.1	21.3	23.1	1.8	G226666	0.059	<0.2	1.55	101	<10	50	0.8	2	3.51	0.7	13	59	91	2.83	<10	<1
G226667	23.1-24.0	23.1	24.0	0.9	G226667	0.043	4.1	0.39	314	<10	70	<0.5	38	3.34	1.5	39	6	440	3.19	<10	1
G226668	24.0-26.0	24.0	26.0	2.0	G226668	0.045	0.2	0.41	48	<10	50	<0.5	<2	1.77	2.8	5	4	49	1.66	<10	1
G226669	26.0-28.0	26.0	28.0	2.0	G226669	0.138	5.8	0.56	154	<10	90	0.5	267	1.55	0.5	9	6	72	2.64	<10	<1
G226670	28.0-30.0	28.0	30.0	2.0	G226670	0.008	<0.2	0.55	25	<10	80	0.5	5	0.94	0.6	8	5	55	1.75	<10	1
G226671	30.0-32.0	30.0	32.0	2.0	G226671	0.010	<0.2	0.5	27	<10	60	0.6	<2	1.34	<0.5	3	9	52	2.02	<10	<1
G226672	32.0-34.0	32.0	34.0	2.0	G226672	0.007	<0.2	0.55	24	<10	40	0.6	3	1.26	<0.5	3	5	31	1.66	<10	1
G226673	34.0-35.6	34.0	35.6	1.6	G226673	0.042	<0.2	0.42	212	<10	40	0.5	2	1.3	<0.5	4	8	57	2.12	<10	1
G226674	35.6-36.2	35.6	36.2	0.6	G226674	0.062	0.6	0.63	360	<10	30	1.3	4	4.84	<0.5	19	23	206	3.51	<10	1
G226675	36.2-38.2	36.2	38.2	2.0	G226675	0.028	0.3	0.72	108	<10	270	0.8	2	2.15	1.8	14	7	140	2.27	<10	<1
G226676	38.2-40.1	38.2	40.1	1.9	G226676	0.010	<0.2	1.14	33	<10	90	0.9	2	2.64	<0.5	10	7	139	2.26	<10	1
G226677	40.1-42.1	40.1	42.1	2.0	G226677	0.008	<0.2	0.97	80	<10	40	0.7	<2	2.81	<0.5	9	9	109	2.63	<10	<1
G226678	dup	40.1	42.1	2.0	G226678	0.008	<0.2	1.15	80	<10	40	0.7	<2	2.77	<0.5	10	9	116	2.84	<10	<1
G226679	std			0.0	G226679	4.69	5.2	0.23	467	<10	30	<0.5	3	0.12	<0.5	11	470	50	3.75	<10	8
G226680	blk			0.0	G226680	0.021	<0.2	0.45	8	<10	60	<0.5	<2	18	<0.5	2	13	5	0.6	<10	1
G226681	42.1-44.1	42.1	44.1	2.0	G226681	0.008	0.8	1.1	54	<10	40	0.6	5	2.38	<0.5	9	13	208	2.84	<10	1
G226682	44.1-46.1	44.1	46.1	2.0	G226682	0.018	0.8	0.96	113	<10	30	0.9	23	3.17	<0.5	11	9	157	2.68	<10	<1
G226683	46.1-46.8	46.1	46.8	0.7	G226683	0.069	2.4	0.64	233	<10	30	0.7	24	2.68	2	7	6	94	2.19	<10	1
G226684	46.8-47.9	46.8	47.9	1.1	G226684	0.007	<0.2	0.73	43	<10	40	0.7	<2	5.01	<0.5	4	8	43	2.29	<10	<1
G226685	47.9-49.9	47.9	49.9	2.0	G226685	0.007	<0.2	2.34	29	<10	70	0.8	3	2.61	<0.5	14	37	80	3.44	<10	<1
G226686	49.9-51.5	49.9	51.5	1.6	G226686	0.010	<0.2	2.26	16	<10	70	0.6	<2	2.12	<0.5	13	55	71	3.43	<10	1
G226687	51.5-52.1	51.5	52.1	0.6	G226687	<0.005	<0.2	0.84	8	<10	50	<0.5	<2	0.99	<0.5	8	8	57	2.55	<10	1
G226688	52.1-53.8	52.1	53.8	1.7	G226688	0.006	<0.2	1.3	17	<10	60	0.7	<2	1.4	<0.5	5	12	42	2.08	10	1
G226689	53.8-55.8	53.8	55.8	2.0	G226689	0.129	15.4	1.6	481	<10	100	0.6	19	1.65	52.3	9	31	862	2.89	10	1
G226690	55.8-57.8	55.8	57.8	2.0	G226690	0.006	<0.2	1.08	89	<10	60	<0.5	<2	1.4	<0.5	7	20	48	2.33	10	1
G226691	57.8-59.1	57.8	59.1	1.3	G226691	0.013	0.2	1.64	42	<10	70	0.8	4	2.19	<0.5	13	30	124	2.92	10	1
G226692	59.1-59.8	59.1	59.8	0.7	G226692	3.27	48.4	0.87	>10000	<10	30	0.6	533	2.34	73.8	74	4	1100	6.11	<10	1
G226693	59.8-61.8	59.8	61.8	2.0	G226693	0.011	0.2	1.13	63	<10	50	0.5	2	1.94	<0.5	10	17	121	2.05	<10	1
G226694	61.8-63.8	61.8	63.8	2.0	G226694	0.021	<0.2	2.1	70	<10	70	0.7	3	1.93	<0.5	20	44	198	3.55	10	<1
G226695	63.8-65.5	63.8	65.5	1.7	G226695	0.822	<0.2	2.24	19	<10	90	0.8	4	2.27	<0.5	15	59	191	3.49	10	1
G226696	65.5-66.3	65.5	66.3	0.8	G226696	0.231	1	1.98	54	<10	60	0.9	8	4.44	<0.5	16	38	265	3.23	<10	<1
G226697	66.3-68.3	66.3	68.3	2.0	G226697	0.006	<0.2	1.96	14	<10	90	0.7	<2	1.37	<0.5	12	43	78	2.7	10	1
G226698	68.3-70.3	68.3	70.3	2.0	G226698	0.161	0.4	2.1	143	<10	90	0.7	5	1.89	<0.5	16	59	155	3.3	10	1
G226699	70.3-72.3	70.3	72.3	2.0	G226699	<0.005	<0.2	3.11	8	<10	140	<0.5	<2	2.08	<0.5	19	62	84	3.89	10	<1
G226700	72.3-73.1	72.3	73.1	0.8	G226700	0.031	<0.2	2.74	4	<10	100	0.6	<2	1.98	<0.5	15	32	73	3.73	10	<1
G226701	73.1-75.1	73.1	75.1	2.0	G226701	0.176	0.7	1	384	<10	40	0.6	5	2.5	1.9	5	9	99	2.19	<10	<1
G226702	75.1-76.8	75.1	76.8	1.7	G226702	<0.005	<0.2	1.29	13	<10	60	<0.5	<2	1.19	<0.5	6	7	29	2.12	<10	1
G226703	76.8-77.6	76.8	77.6	0.8	G226703	0.023	0.3	1.27	56	<10	50	0.6	<2	2.03	<0.5	5	6	52	2.19	<10	<1
G226704	77.6-78.6	77.6	78.6	1.0	G226704	0.010	0.2	1.32	31	<10	70	0.8	<2	1.63	<0.5	7	20	46	2	<10	<1
G226705	85.2-86.2	85.2	86.2	1.0	G226705	0.165	1.2	2.31	46	<10	60	0.8	2	2.25	<0.5	18	71	228	3.34	10	<1
G226706	86.2-88.2	86.2	88.2	2.0	G226706	0.491	3.7	1.16	8	<10	60	0.6	<2	4.87	0.8	27	66	862	2.97	<10	1
G226707	88.2-90.2	88.2	90.2	2.0	G226707	0.101	1.5	1.31	7	<10	60	0.5	<2	6.12	<0.5	12	31	424	2.24	<10	<1
G226708	90.2-92.2	90.2	92.2	2.0	G226708	0.075	0.6	1.11	8	<10	50	0.6	<2	3.02	<0.5	9	34	167	1.78	<10	<1

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
SAMPLE	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Zn
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
G226657	0.27	30	0.11	156	3	0.05	1	90	6	0.43	<2	<1	19	<10	20	<0.01	<10	<10	1	<10	8	
G226658	0.3	20	0.1	136	10	0.03	1	80	4	0.93	<2	<1	29	<10	20	<0.01	<10	<10	1	<10	8	
G226659	0.3	30	0.14	124	4	0.04	<1	80	6	0.72	2	<1	28	<10	20	<0.01	<10	<10	1	<10	8	
G226660	0.34	20	0.23	141	2	0.02	<1	70	5	1.06	2	<1	34	<10	20	<0.01	<10	10	1	<10	8	
G226661	0.31	20	0.2	186	7	0.03	1	80	7	0.99	3	<1	30	<10	20	<0.01	<10	<10	1	<10	12	
G226662	0.33	30	0.12	210	43	0.04	1	110	6	0.72	3	<1	29	<10	20	<0.01	<10	<10	1	<10	7	
G226663	0.29	40	0.23	149	2	0.06	1	110	6	0.68	5	1	15	<10	20	<0.01	<10	<10	2	<10	10	
G226664	0.27	40	0.2	133	7	0.04	1	110	5	0.8	6	1	28	<10	30	<0.01	<10	<10	1	<10	10	
G226665	0.31	30	0.26	221	5	0.03	2	110	7	0.76	4	1	28	<10	20	<0.01	<10	<10	1	<10	8	
G226666	0.34	10	0.85	452	2	0.04	17	210	8	1.13	3	6	79	<10	<20	0.02	<10	<10	38	<10	58	
G226667	0.32	10	0.74	769	22	0.01	7	200	32	1.67	4	1	75	10	<20	<0.01	<10	<10	2	<10	72	
G226668	0.31	20	0.24	220	2	0.01	1	90	15	0.87	4	1	28	<10	20	<0.01	<10	<10	1	<10	127	
G226669	0.47	20	0.13	175	3	0.02	2	90	29	1.34	3	<1	36	50	20	<0.01	<10	10	1	<10	53	
G226670	0.32	30	0.13	164	2	0.04	2	70	9	0.64	<2	<1	22	<10	20	<0.01	<10	<10	1	<10	30	
G226671	0.31	30	0.16	194	2	0.04	2	90	6	0.64	<2	1	28	<10	20	<0.01	<10	<10	1	<10	9	
G226672	0.25	40	0.19	161	2	0.06	1	110	6	0.52	<2	1	29	<10	20	<0.01	<10	<10	1	<10	14	
G226673	0.29	30	0.12	164	2	0.03	1	90	6	0.85	2	<1	26	<10	30	<0.01	<10	<10	1	<10	26	
G226674	0.22	20	1.03	431	3	0.01	16	430	6	1.98	9	13	131	<10	20	<0.01	<10	<10	34	<10	28	
G226675	0.26	10	0.61	184	3	0.01	9	580	4	0.83	7	4	62	<10	<20	<0.01	<10	<10	14	<10	108	
G226676	0.3	20	0.8	125	2	0.03	4	590	4	0.96	<2	4	76	<10	<20	<0.01	<10	<10	20	<10	19	
G226677	0.28	20	0.87	192	2	0.06	5	590	5	1.58	3	4	94	<10	<20	<0.01	<10	<10	24	<10	17	
G226678	0.33	20	0.87	204	1	0.07	5	600	5	1.59	2	4	98	<10	<20	<0.01	<10	<10	26	<10	19	
G226679	0.16	<10	0.06	228	17	<0.01	346	330	3	1.92	65	1	5	<10	<20	<0.01	10	<10	17	<10	38	
G226680	0.22	<10	10.95	222	1	0.02	3	250	5	<0.01	<2	1	49	<10	<20	0.01	<10	<10	8	<10	19	
G226681	0.29	20	0.8	149	2	0.06	6	620	5	1.41	4	4	93	<10	<20	<0.01	<10	<10	30	<10	34	
G226682	0.28	10	0.76	178	1	0.01	9	600	9	1.63	5	5	117	<10	<20	<0.01	<10	<10	24	<10	17	
G226683	0.31	10	0.66	145	2	0.01	5	350	10	1.14	2	3	81	<10	<20	<0.01	<10	<10	12	<10	100	
G226684	0.28	20	1.74	286	1	0.01	3	120	5	0.63	<2	2	98	<10	20	<0.01	<10	<10	7	<10	13	
G226685	0.49	20	1.01	340	5	0.23	17	420	4	1.03	3	6	81	<10	<20	0.1	<10	<10	51	<10	32	
G226686	0.42	10	1.26	317	1	0.17	27	310	4	1.07	2	6	52	<10	<20	0.11	<10	<10	54	<10	28	
G226687	0.19	50	0.41	142	1	0.09	2	240	7	1.19	<2	2	24	<10	20	0.01	<10	<10	9	<10	16	
G226688	0.36	30	0.44	179	1	0.11	4	270	5	0.79	<2	2	30	<10	20	0.04	<10	<10	14	<10	23	
G226689	0.51	30	0.77	233	1	0.11	18	320	190	1.15	6	3	32	<10	<20	0.07	<10	<10	26	10	2830	
G226690	0.27	30	0.64	212	1	0.11	9	270	7	0.85	2	3	27	<10	<20	0.08	<10	<10	18	<10	24	
G226691	0.4	30	0.78	232	1	0.16	19	550	8	1.27	2	4	45	<10	20	0.12	<10	<10	33	<10	42	
G226692	0.38	30	0.36	189	2	0.01	12	240	319	3.75	43	1	37	50	20	<0.01	<10	<10	10	<10	3920	
G226693	0.25	30	0.58	205	2	0.13	9	360	6	0.78	2	3	31	<10	20	0.06	<10	<10	23	<10	35	
G226694	0.37	10	1.07	272	1	0.16	30	540	4	1.41	3	4	48	<10	<20	0.17	<10	<10	37	<10	46	
G226695	0.55	10	1.25	285	2	0.17	32	390	5	1.39	5	5	49	<10	<20	0.14	<10	<10	48	<10	32	
G226696	0.51	10	1.27	452	1	0.11	26	460	8	1.26	<2	4	64	<10	<20	0.09	<10	<10	36	<10	36	
G226697	0.58	20	0.92	207	1	0.16	23	330	5	0.8	<2	4	38	<10	<20	0.11	<10	<10	33	<10	23	
G226698	0.57	20	1.12	264	5	0.16	34	400	9	1.41	2	5	47	<10	<20	0.12	<10	<10	47	170	43	
G226699	0.75	<10	1.81	456	<1	0.23	21	400	5	0.68	3	10	58	<10	<20	0.21	<10	<10	101	<10	51	
G226700	0.73	<10	1.34	390	<1	0.21	14	360	5	0.85	2	7	49	<10	<20	0.17	<10	<10	69	<10	43	
G226701	0.38	20	0.25	190	4	0.04	4	170	13	0.8	7	2	29	<10	20	0.01	<10	<10	5	<10	105	
G226702	0.39	<10	0.57	189	1	0.1	1	230	5	0.7	2	4	19	<10	<20	0.04	<10	<10	12	<10	18	
G226703	0.34	10	0.39	207	1	0.05	2	240	7	0.69	2	6	28	<10	<20	0.01	<10	<10	8	<10	18	
G226704	0.55	30	0.61	177	1	0.04	9	180	2	0.72	2	2	24	<10	20	0.02	<10	<10	12	<10	18	
G226705	0.56	10	1.15	292	1	0.16	41	410	2	1.05	3	7	57	<10	<20	0.12	<10	<10	52	<10	38	
G226706	0.28	10	0.78	250	4	0.05	43	550	3	1.34	<2	3	77	<10	<20	0.18	<10	<10	29	10	47	
G226707	0.25	10	0.47	295	<1	0.05	28	640	5	0.46	4	3	92	<10	<20	0.23	<10	<10	27	<10	34	
G226708	0.27	10	0.54	220	<1	0.06	32	630	4	0.31	3	3	74	<10	<20	0.21	<10	<10	26	<10	27	

G226709	92.2-94.2	92.2	94.2	2.0	G226709	0.095	0.4	1.37	22	<10	50	0.6	<2	5.23	<0.5	17	131	158	2.71	<10	<1
G226710	94.2-96.2	94.2	96.2	2.0	G226710	0.220	1.4	1.17	21	<10	40	0.6	<2	4.84	15.4	24	81	272	3.33	10	<1
G226711	96.2-97.0	96.2	97.0	0.8	G226711	0.057	1	1.22	4	<10	30	0.8	<2	4.72	<0.5	10	42	114	2.18	10	<1
G226712	97.0-98.9	97.0	98.9	1.9	G226712	0.235	0.8	1.2	21	<10	20	0.6	<2	11.65	<0.5	25	36	317	5.03	<10	<1
G226713	98.9-100.2	98.9	100.2	1.3	G226713	0.329	1.5	1.89	13	<10	110	0.6	2	6.06	<0.5	23	27	464	3.24	<10	<1
G226714	dup	98.9	100.2	1.3	G226714	0.525	1.6	2.11	9	<10	90	0.7	<2	6.16	<0.5	25	21	544	2.9	<10	<1
G226715	std			0.0	G226715	4.61	6.2	0.25	480	<10	30	<0.5	<2	0.12	<0.5	11	458	50	3.82	<10	7
G226716	blk			0.0	G226716	0.011	<0.2	0.45	6	<10	50	<0.5	<2	18	<0.5	3	13	11	0.57	<10	<1
G226717	100.2-102.1	100.2	102.1	1.9	G226717	0.743	1.4	0.79	28	20	20	<0.5	3	15.8	<0.5	9	12	456	1.63	<10	<1
G226718	102.1-104.1	102.1	104.1	2.0	G226718	0.032	0.3	0.78	25	<10	40	<0.5	2	>25.0	<0.5	5	11	45	0.84	<10	<1
G226719	104.1-105.1	104.1	105.1	1.0	G226719	<0.005	0.2	0.69	14	<10	30	<0.5	<2	>25.0	<0.5	4	12	14	0.78	<10	<1
G226720	105.1-106.4	105.1	106.4	1.3	G226720	<0.005	0.3	0.98	13	<10	40	<0.5	<2	>25.0	<0.5	7	13	38	0.97	<10	1
G226721	106.4-106.8	106.4	106.8	0.4	G226721	7.86	66.7	1.63	1135	<10	20	0.6	274	4.91	57.9	66	23	2020	27.6	<10	1
G226722	106.8-108.8	106.8	108.8	2.0	G226722	<0.005	0.4	1.14	16	<10	80	<0.5	<2	24.6	0.7	4	9	13	0.7	<10	<1
G226723	108.8-110.7	108.8	110.7	1.9	G226723	0.019	0.4	1.76	23	<10	40	0.5	<2	16.7	<0.5	7	23	66	1.31	<10	<1
G226724	110.7-112.7	110.7	112.7	2.0	G226724	0.013	0.3	0.7	14	60	60	<0.5	<2	20	<0.5	4	7	52	0.47	<10	<1
G226725	112.7-113.6	112.7	113.6	0.9	G226725	<0.005	0.4	0.84	22	60	70	<0.5	<2	20.4	<0.5	3	6	8	0.43	<10	<1
G226726	113.6-114.6	113.6	114.6	1.0	G226726	<0.005	0.3	0.39	30	<10	60	0.5	<2	18.9	<0.5	3	3	69	0.8	<10	<1
G226727	114.6-115.4	114.6	115.4	0.8	G226727	0.103	2.6	0.66	1450	10	50	1	5	10.8	3.3	22	80	436	3.48	<10	1
G226728	115.4-117.3	115.4	117.3	1.9	G226728	0.014	0.4	1.7	50	<10	30	0.9	<2	8.94	<0.5	18	94	156	3.1	<10	<1
G226729	117.3-118.5	117.3	118.5	1.2	G226729	0.007	0.4	0.38	9	<10	20	<0.5	<2	>25.0	<0.5	4	6	54	0.55	<10	<1
G226730	118.5-120.5	118.5	120.5	2.0	G226730	0.011	0.2	1.83	9	<10	40	0.6	<2	7.72	<0.5	16	74	95	2.88	10	<1
G226731	120.5-122.5	120.5	122.5	2.0	G226731	0.011	0.4	1.4	7	<10	30	0.8	<2	5.02	<0.5	14	44	101	2.56	<10	<1
G226732	122.5-124.5	122.5	124.5	2.0	G226732	0.018	0.4	1.61	22	<10	30	0.8	<2	6.25	<0.5	13	39	89	2.67	<10	1
G226733	124.5-126.5	124.5	126.5	2.0	G226733	0.034	0.6	1.36	15	<10	40	0.5	<2	7.47	<0.5	17	182	188	3.48	<10	<1
G226734	126.5-127.6	126.5	127.6	1.1	G226734	0.078	1.7	1.13	16	<10	20	<0.5	3	11.5	<0.5	30	245	513	6.22	<10	<1
G226735	127.6-129.6	127.6	129.6	2.0	G226735	0.050	0.2	1.15	159	<10	10	<0.5	<2	7.73	<0.5	49	891	86	2.25	<10	<1
G226736	129.6-130.4	129.6	130.4	0.8	G226736	0.006	0.3	0.48	65	10	20	1.1	<2	12.1	<0.5	13	162	80	3.19	<10	<1
G226737	130.4-130.9	130.4	130.9	0.5	G226737	0.036	0.3	1.34	57	10	80	0.7	<2	6.05	<0.5	15	36	128	3.98	<10	<1
G226738	130.9-132.5	130.9	132.5	1.6	G226738	1.500	17.3	0.33	1585	<10	10	<0.5	36	2.22	761	41	3	2350	25.7	<10	1
G226739	132.5-134.0	132.5	134.0	1.5	G226739	0.327	3.1	1.04	188	<10	20	<0.5	7	10.85	174	26	26	442	6.89	<10	<1
G226740	134.0-134.6	134.0	134.6	0.6	G226740	1.330	6.0	0.62	376	<10	20	<0.5	31	9.87	805	77	17	594	10.7	10	<1
G226741	134.6-136.6	134.6	136.6	2.0	G226741	0.030	1.3	2.65	32	<10	140	0.5	<2	7.88	1.5	21	820	324	2.98	10	1
G226742	136.6-138.6	136.6	138.6	2.0	G226742	0.010	<0.2	2.34	10	<10	150	0.7	<2	2.87	1.2	18	371	78	3.25	10	<1
G226743	138.6-139.7	138.6	139.7	1.1	G226743	0.008	0.3	2.2	14	10	160	0.6	<2	3.57	<0.5	24	1130	171	2.9	10	<1
G226744	139.7-141.7	139.7	141.7	2.0	G226744	0.022	0.6	1.58	9	<10	50	0.5	<2	13.05	<0.5	14	148	131	2.96	10	1
G226745	141.7-143.4	141.7	143.4	1.7	G226745	0.029	0.8	2.01	14	<10	70	0.7	<2	6.76	<0.5	13	87	189	2.88	<10	<1
G226746	143.4-144.9	143.4	144.9	1.5	G226746	0.087	1.1	0.75	139	<10	10	0.5	2	13.8	<0.5	14	89	231	3.5	<10	<1
G226747	144.9-146.9	144.9	146.9	2.0	G226747	0.143	0.2	2.71	7	<10	140	0.6	<2	5.31	<0.5	20	1120	73	2.82	10	<1
G226748	146.9-147.9	146.9	147.9	1.0	G226748	0.008	0.3	2.33	20	<10	160	0.5	3	7.14	<0.5	30	492	188	3.53	<10	<1
G226749	147.9-149.2	147.9	149.2	1.3	G226749	<0.005	<0.2	2.29	50	<10	60	0.7	<2	8.6	<0.5	21	551	31	3.68	<10	<1
G226750	149.2-151.2	149.2	151.2	2.0	G226750	0.008	<0.2	4.33	6	<10	310	0.8	<2	3.08	<0.5	30	685	68	5.31	10	<1
G226751	151.2-153.2	151.2	153.2	2.0	G226751	0.022	0.4	4.38	348	<10	280	0.8	10	3.2	<0.5	37	1620	104	5.44	10	1
G226752	153.2-153.9	153.2	153.9	0.7	G226752	<0.005	<0.2	3.04	253	<10	130	0.6	<2	2.27	<0.5	24	1255	15	2.48	10	<1
G226753	153.9-155.9	153.9	155.9	2.0	G226753	0.011	0.4	1.69	7	<10	50	0.8	4	3.49	<0.5	18	43	106	2.49	10	<1
G226754	155.9-157.9	155.9	157.9	2.0	G226754	0.021	0.5	2.22	7	<10	110	0.5	2	2.2	<0.5	16	54	80	3.28	10	<1
G226755	157.9-159.9	157.9	159.9	2.0	G226755	0.013	0.6	1.59	8	<10	40	0.6	5	6.16	<0.5	11	37	35	2.31	10	<1
G226756	159.9-160.9	159.9	160.9	1.0	G226756	0.017	0.4	1.13	8	120	50	<0.5	2	4.25	<0.5	8	27	29	1.58	10	<1
G226757	160.9-162.9	160.9	162.9	2.0	G226757	0.016	0.5	2.3	4	<10	110	0.6	4	2.39	<0.5	16	61	112	3.94	10	<1
G226758	162.9-164.9	162.9	164.9	2.0	G226758	0.024	0.5	1.86	8	<10	70	0.7	6	3.37	<0.5	22	53	148	3.68	10	<1
G226759	164.9-166.9	164.9	166.9	2.0	G226759	0.014	0.3	1.66	2	<10	40	0.6	3	1.69	<0.5	15	50	58	2.97	<10	<1
G226760	166.9-168.2	166.9	168.2	1.3	G226760	0.022	0.4	1.16	6	<10	40	0.7	<2	4.21	<0.5	11	37	44	1.89	<10	<1
G226761	168.2-169.3	168.2	169.3	1.1	G226761	0.039	0.5	1.13	5	<10	20	<0.5	5	12.8	<0.5	3	9	2	0.86	<10	<1
G226762	169.3-171.3	169.3	171.3	2.0	G226762	0.017	0.4	1.36	4	<10	20	0.6	4	3.18	<0.5	15	36	77	2.21	10	<1
G226763	171.3-173.3	171.3	173.3	2.0	G226763	0.012	0.5	1.3	5	<10	20	0.6	4	2.96	<0.5	16	33	77	2.32	<10	<1
G226764	173.3-175.3	173.3	175.3	2.0	G226764	0.018	0.4	1.6	<2	<10	20	0.7	3	3.96	<0.5	15	33	70	2.41	10	<1
G226765	175.3-177.2	175.3	177.2	1.9	G226765	0.017	0.4	1.64	5	<10	40	0.5	5	2.94	<0.5	15	38	53	2.62	10	<1
G226766	177.2-178.5	177.2	178.5	1.3	G226766	0.031	0.4	1.21	3	<10	30	<0.5	3	2.09	<0.5	11	38	47	2.3	<10	<1
G226767	178.5-180.5	178.5	180.5	2.0	G226767	0.009	0.4	1.23	5	<10	30	0.5	3	2.97	<0.5	17	29	72	2.29	10	<1
G226768	180.5-182.5	180.5	182.5	2.0	G226768	0.022	0.8	1.07	5	<10	30	0.6	4	2.93	<0.5	16	25	129	2.11	10	<1
G226769	182.5-184.5	182.5	184.5	2.0	G226769	0.190	2.2	1.14	6	<10	40	0.6	2	3.43	0.5	16	32	448	2.29	<10	<1

G226709	0.37	10	0.91	358	1	0.06	74	500	3	0.68	<2	4	72	<10	<20	0.15	<10	<10	34	<10	28	
G226710	0.19	10	0.79	369	8	0.04	46	500	22	1.42	<2	3	78	<10	<20	0.15	<10	<10	28	10	839	
G226711	0.13	10	1.07	385	1	0.05	32	480	25	0.4	<2	4	122	<10	<20	0.16	<10	<10	34	30	37	
G226712	0.13	<10	1.67	686	1	0.02	24	780	20	1.01	3	4	136	<10	<20	0.1	<10	<10	31	10	49	
G226713	0.6	10	2.49	372	1	0.04	22	670	5	0.81	<2	3	201	<10	<20	0.13	<10	<10	25	<10	46	
G226714	0.56	10	2.25	361	1	0.06	19	880	6	0.94	<2	3	154	<10	<20	0.13	<10	<10	26	10	45	
G226715	0.16	10	0.05	212	16	0.01	339	330	<2	1.94	62	1	5	<10	<20	<0.01	10	<10	17	<10	35	
G226716	0.2	<10	10.9	222	<1	0.02	1	260	<2	<0.01	<2	1	50	<10	<20	0.01	<10	<10	7	<10	19	
G226717	0.17	<10	3.37	404	1	0.03	3	710	8	0.28	<2	1	275	<10	<20	0.04	<10	<10	8	10	41	
G226718	0.22	<10	0.58	239	<1	0.05	7	440	3	<0.01	<2	2	1190	<10	<20	0.03	<10	<10	9	<10	14	
G226719	0.16	<10	0.48	207	<1	0.07	7	420	5	<0.01	3	2	1405	<10	<20	0.02	<10	<10	11	<10	16	
G226720	0.17	<10	0.97	232	<1	0.09	10	470	4	<0.01	<2	2	1170	<10	<20	0.04	<10	<10	12	<10	23	
G226721	0.42	<10	1.43	323	2	0.02	8	550	703	>10.0	17	4	88	10	<20	0.02	<10	<10	30	40	2800	
G226722	0.62	<10	2.14	448	1	0.02	3	1370	24	<0.01	2	2	887	<10	<20	0.03	<10	<10	11	<10	60	
G226723	0.24	<10	1.27	469	<1	0.1	18	660	5	<0.01	<2	3	577	<10	<20	0.09	<10	<10	22	<10	31	
G226724	0.47	<10	6.95	296	<1	0.01	1	450	2	<0.01	2	1	348	<10	<20	0.02	<10	<10	7	<10	36	
G226725	0.62	<10	7.71	292	<1	0.01	1	430	6	<0.01	2	1	324	<10	<20	0.02	<10	<10	7	<10	44	
G226726	0.27	<10	7.9	651	<1	0.02	2	150	2	<0.01	<2	1	299	<10	<20	<0.01	<10	<10	11	<10	34	
G226727	0.23	10	4.28	1195	1	0.02	89	830	111	1.6	25	5	218	<10	<20	<0.01	<10	<10	24	<10	199	
G226728	0.37	20	1.16	518	<1	0.06	51	640	3	0.94	6	9	137	<10	<20	0.1	<10	<10	52	<10	34	
G226729	0.06	<10	0.27	318	<1	0.02	3	380	3	<0.01	<2	1	592	<10	<20	0.02	<10	<10	4	<10	21	
G226730	0.38	10	1.23	388	<1	0.15	37	520	3	0.63	<2	5	123	<10	<20	0.18	<10	<10	41	<10	37	
G226731	0.16	10	1.11	332	<1	0.1	31	580	4	0.57	3	5	116	<10	<20	0.2	<10	<10	36	<10	35	
G226732	0.16	10	0.96	432	<1	0.08	29	480	4	0.57	2	5	128	<10	<20	0.16	<10	<10	36	<10	42	
G226733	0.31	10	1.36	409	<1	0.07	59	410	4	1.03	<2	3	122	<10	<20	0.1	<10	<10	24	90	29	
G226734	0.22	<10	1.76	434	2	0.02	187	350	5	1.55	<2	3	76	<10	<20	0.07	<10	<10	15	20	28	
G226735	0.11	<10	7.51	345	1	0.01	665	50	4	1.05	3	8	205	<10	<20	<0.01	<10	<10	22	<10	16	
G226736	0.16	10	4.96	558	1	0.02	150	180	3	0.21	3	6	268	<10	<20	<0.01	<10	<10	22	<10	21	
G226737	0.58	40	1.73	387	<1	0.01	43	310	7	1.57	6	9	144	<10	20	0.02	<10	<10	39	<10	37	
G226738	0.1	<10	0.49	297	<1	0.01	17	240	262	>10.0	9	1	36	<10	<20	<0.01	<10	<10	5	<10	>10000	4.19
G226739	0.23	10	0.74	654	<1	0.03	27	460	72	5.15	4	4	102	<10	<20	0.06	<10	<10	20	40	8570	
G226740	0.12	<10	0.93	1430	1	0.01	39	320	66	>10.0	<2	2	120	10	<20	0.01	<10	<10	13	470	>10000	4.81
G226741	1.74	10	3.9	536	2	0.07	284	360	11	1.09	<2	6	104	<10	<20	0.12	<10	<10	48	320	99	
G226742	0.9	10	2.27	340	1	0.12	103	830	3	0.78	<2	7	117	<10	<20	0.2	<10	<10	72	<10	89	
G226743	1.27	10	3.37	305	1	0.07	300	630	2	0.93	<2	3	101	<10	<20	0.12	<10	<10	30	<10	43	
G226744	0.49	<10	1.82	568	<1	0.04	70	460	4	0.81	<2	4	116	<10	<20	0.08	<10	<10	28	30	47	
G226745	0.59	10	1.77	403	<1	0.1	53	500	4	0.66	4	5	115	<10	<20	0.19	<10	<10	44	<10	42	
G226746	0.15	<10	1.62	1050	<1	0.01	82	320	10	1.17	7	3	183	<10	<20	0.03	<10	<10	13	80	67	
G226747	1.95	10	4.17	305	<1	0.06	374	280	2	0.7	<2	4	124	<10	<20	0.11	<10	<10	31	<10	39	
G226748	1.61	10	3.49	312	<1	0.05	277	340	5	2.16	<2	6	101	<10	<20	0.11	<10	<10	45	<10	31	
G226749	0.78	10	5.77	598	<1	0.02	199	210	3	0.32	<2	10	343	<10	<20	0.03	<10	<10	48	<10	42	
G226750	2.67	20	5.07	523	<1	0.15	219	460	2	0.75	<2	16	127	<10	<20	0.26	<10	<10	109	<10	63	
G226751	3.32	10	6.79	637	11	0.05	419	170	7	1.24	<2	11	67	<10	<20	0.21	<10	<10	98	<10	96	
G226752	1.74	10	4.59	341	<1	0.12	514	320	<2	0.24	<2	5	57	<10	<20	0.14	<10	<10	46	<10	43	
G226753	0.28	20	1.17	229	<1	0.2	48	840	3	1.03	2	4	107	<10	<20	0.24	<10	<10	38	<10	29	
G226754	0.86	20	1.25	303	1	0.15	43	630	<2	0.68	<2	5	69	<10	<20	0.25	<10	<10	47	<10	36	
G226755	0.23	20	0.85	387	1	0.08	29	640	2	0.31	<2	4	111	<10	<20	0.15	<10	<10	31	<10	33	
G226756	0.13	10	0.85	293	1	0.09	25	640	2	0.25	<2	3	81	<10	<20	0.16	<10	<10	36	<10	30	
G226757	0.39	20	1.13	211	6	0.14	43	1330	<2	1.57	2	7	77	<10	<20	0.1	<10	<10	154	<10	24	
G226758	0.36	20	1.35	289	5	0.13	47	1040	<2	1.55	<2	8	73	<10	<20	0.13	<10	<10	133	<10	30	
G226759	0.22	20	1.2	267	<1	0.13	44	580	<2	0.75	<2	5	76	<10	<20	0.23	<10	<10	49	<10	27	
G226760	0.16	10	0.94	269	1	0.09	34	640	<2	0.41	<2	3	178	<10	<20	0.19	<10	<10	31	<10	23	
G226761	0.04	10	0.91	417	1	0.09	4	520	5	0.02	<2	1	262	<10	<20	0.08	<10	<10	8	<10	29	
G226762	0.15	20	1	286	1	0.07	41	730	3	0.56	<2	4	80	<10	<20	0.19	<10	<10	34	<10	29	
G226763	0.15	20	0.86	271	1	0.1	45	760	<2	0.71	<2	4	74	<10	<20	0.22	<10	<10	32	<10	28	
G226764	0.22	20	1.03	308	1	0.11	39	770	<2	0.78	<2	4	90	<10	<20	0.2	<10	<10	35	<10	28	
G226765	0.37	20	1.18	312	1	0.08	45	900	<2	0.5	<2	3	73	<10	<20	0.27	<10	<10	37	<10	37	
G226766	0.32	10	0.87	240	1	0.07	31	570	<2	0.49	<2	3	58	<10	<20	0.15	<10	<10	36	<10	30	
G226767	0.23	20	0.85	273	<1	0.07	44	880	<2	0.71	<2	3	69	<10	<20	0.26	<10	<10	31	<10	34	
G226768	0.16	10	0.68	219	1	0.08	39	810	<2	0.75	<2	3	74	<10	<20	0.22	<10	<10	31	<10	22	
G226769	0.2	20	0.71	242	2	0.08	43	810	2	0.9	<2	3	73	<10	<20	0.18	<10	<10	49	<10	37	

G226770	184.5-185.2	184.5	185.2	0.7	G226770	0.029	0.3	1.96	9	<10	140	0.5	4	1.91	<0.5	22	178	77	2.86	10	<1
G226771	185.2-186.4	185.2	186.4	1.2	G226771	0.009	0.4	1.71	5	<10	30	0.7	5	8.5	<0.5	23	139	94	2.51	10	<1
G226772	186.4-188.4	186.4	188.4	2.0	G226772	0.026	0.4	1.48	3	<10	40	0.5	2	6.85	<0.5	9	86	30	1.86	10	<1
G226773	188.4-190.4	188.4	190.4	2.0	G226773	<0.005	0.3	1.46	6	<10	30	0.5	2	4.88	<0.5	12	33	32	2.06	10	<1
G226774	190.4-192.4	190.4	192.4	2.0	G226774	0.005	0.4	1.17	4	<10	20	0.5	4	3.42	<0.5	17	37	130	2.74	10	<1
G226775	192.4-194.0	192.4	194.0	1.6	G226775	0.019	0.5	1.64	4	<10	50	0.5	3	2.74	<0.5	16	43	122	3.13	10	<1
G226776	194.0-195.3	194.0	195.3	1.3	G226776	0.062	0.4	2.2	6	<10	60	0.8	4	6.18	<0.5	15	152	56	2.63	10	<1
G226777	195.3-196.3	195.3	196.3	1.0	G226777	0.019	1.2	2.35	6	<10	20	0.9	11	7.43	<0.5	25	84	194	5.1	10	<1
G226778	196.3-197.3	196.3	197.3	1.0	G226778	<0.005	0.4	1	2	<10	30	<0.5	3	2.58	<0.5	11	55	31	1.68	10	<1
G226779	197.3-199.3	197.3	199.3	2.0	G226779	0.009	0.3	1.35	4	<10	10	0.6	4	6.21	<0.5	9	42	27	1.76	10	<1
G226780	199.3-201.3	199.3	201.3	2.0	G226780	<0.005	0.2	1.75	12	<10	50	<0.5	3	3.37	<0.5	32	1225	66	2.43	<10	<1
G226781	201.3-203.3	201.3	203.3	2.0	G226781	0.011	<0.2	1.05	6	<10	20	0.6	<2	5.72	<0.5	13	25	57	1.85	<10	<1
G226782	203.3-204.5	203.3	204.5	1.2	G226782	<0.005	<0.2	0.57	5	<10	10	<0.5	<2	3.74	<0.5	8	24	35	1.23	<10	<1
G226783	204.5-206.5	204.5	206.5	2.0	G226783	0.013	<0.2	0.81	17	<10	20	<0.5	<2	4.66	<0.5	12	22	41	1.41	<10	<1
G226784	206.5-208.5	206.5	208.5	2.0	G226784	0.007	<0.2	0.55	11	<10	10	0.5	<2	7.43	<0.5	10	16	41	1.07	<10	<1
G226785	208.5-210.1	208.5	210.1	1.6	G226785	<0.005	0.2	1.68	5	<10	60	0.5	<2	3.02	<0.5	20	432	61	2.46	<10	<1
G226786	210.1-210.9	210.1	210.9	0.8	G226786	0.015	0.3	1.34	7	<10	30	0.6	<2	6.37	<0.5	10	94	87	1.55	<10	<1
G226787	210.9-212.1	210.9	212.1	1.2	G226787	0.011	0.2	0.65	10	<10	10	0.5	<2	10.15	<0.5	7	12	30	0.97	<10	<1
G226788	212.1-213.9	212.1	213.9	1.8	G226788	0.016	1.1	1.98	3	<10	40	<0.5	<2	1.92	<0.5	26	575	301	2.98	10	<1
G226789	213.9-215.4	213.9	215.4	1.5	G226789	<0.005	<0.2	1.97	5	<10	30	0.7	<2	3.11	<0.5	15	71	31	2.99	<10	<1
G226790	215.4-217.4	215.4	217.4	2.0	G226790	<0.005	<0.2	1.06	2	<10	20	<0.5	<2	2.13	<0.5	8	36	16	1.7	<10	<1
G226791	217.4-219.4	217.4	219.4	2.0	G226791	<0.005	<0.2	0.78	6	<10	10	<0.5	<2	1.22	<0.5	6	30	33	1.24	<10	<1
G226792	219.4-221.4	219.4	221.4	2.0	G226792	<0.005	<0.2	0.78	4	<10	40	<0.5	<2	1.54	<0.5	6	37	5	1.04	<10	<1
G226793	221.4-222.4	221.4	222.4	1.0	G226793	<0.005	<0.2	2.08	29	<10	10	<0.5	<2	0.6	<0.5	27	1095	2	2.22	10	<1
G226794	222.4-223.6	222.4	223.6	1.2	G226794	<0.005	<0.2	1.46	18	<10	10	<0.5	<2	0.84	<0.5	24	1230	1	1.72	<10	<1
G226795	223.6-224.3	223.6	224.3	0.7	G226795	<0.005	<0.2	1.34	24	<10	<10	<0.5	<2	0.57	<0.5	79	3370	38	2.89	<10	<1
G226796	224.3-226.3	224.3	226.3	2.0	G226796	<0.005	<0.2	1.3	5	<10	50	0.5	<2	1.65	<0.5	10	106	21	1.8	<10	<1
G226797	226.3-228.3	226.3	228.3	2.0	G226797	<0.005	<0.2	1.56	2	<10	<10	<0.5	<2	0.66	<0.5	61	2050	32	3.63	<10	<1
G226798	228.3-230.0	228.3	230.0	1.7	G226798	<0.005	0.3	1.25	4	<10	70	<0.5	<2	1.06	<0.5	11	50	52	1.91	<10	<1
G226799	230.0-232.0	230.0	232.0	2.0	G226799	<0.005	<0.2	1.29	3	<10	80	<0.5	<2	1.31	<0.5	11	54	30	1.97	<10	<1
G226800	239.7-241.7	239.7	241.7	2.0	G226800	<0.005	<0.2	1.85	5	<10	<10	<0.5	<2	1.89	<0.5	61	1650	23	4.61	<10	<1

G226770	0.79	20	1.75	253	1	0.09	80	750	<2	0.73	<2	5	100	<10	<20	0.25	<10	<10	44	<10	32	
G226771	0.26	10	0.94	314	<1	0.17	94	500	<2	1.16	2	2	139	<10	<20	0.13	<10	<10	19	<10	21	
G226772	0.32	10	1.25	295	<1	0.11	60	600	<2	0.36	<2	3	130	<10	<20	0.18	<10	<10	26	<10	24	
G226773	0.2	20	0.97	307	<1	0.09	32	740	<2	0.25	<2	3	101	<10	<20	0.25	<10	<10	34	<10	30	
G226774	0.12	20	0.93	264	1	0.11	39	840	<2	1.12	<2	4	65	<10	<20	0.21	<10	<10	40	<10	28	
G226775	0.34	20	1.11	279	1	0.13	43	700	<2	0.96	<2	5	74	<10	<20	0.24	<10	<10	46	<10	33	
G226776	0.41	20	1.25	304	1	0.17	65	540	2	0.65	<2	6	122	<10	<20	0.18	<10	<10	49	<10	27	
G226777	0.25	20	1.94	576	1	0.05	47	530	10	2.73	3	8	124	<10	<20	0.07	<10	<10	63	<10	38	
G226778	0.2	10	0.68	207	<1	0.1	27	870	<2	0.31	<2	3	71	<10	<20	0.19	<10	<10	30	<10	22	
G226779	0.09	10	1.07	383	<1	0.1	37	690	2	0.24	<2	4	124	<10	<20	0.2	<10	<10	29	<10	26	
G226780	0.64	10	2.92	250	1	0.05	505	320	<2	0.69	4	2	52	<10	<20	0.05	<10	<10	21	<10	23	
G226781	0.13	10	0.73	286	<1	0.11	29	630	4	0.5	3	3	86	<10	<20	0.12	<10	<10	24	<10	22	
G226782	0.13	<10	0.4	222	<1	0.05	20	190	<2	0.31	<2	1	44	<10	<20	0.05	<10	<10	14	<10	10	
G226783	0.22	10	0.6	234	<1	0.09	32	630	3	0.23	3	2	67	<10	<20	0.15	<10	<10	20	<10	19	
G226784	0.06	<10	0.44	277	<1	0.09	38	700	4	0.29	4	2	91	<10	<20	0.13	<10	<10	15	<10	14	
G226785	0.63	10	2.4	307	<1	0.07	136	660	2	0.58	2	6	64	<10	<20	0.14	<10	<10	49	<10	29	
G226786	0.36	10	1.57	561	<1	0.08	65	520	3	0.26	5	4	253	<10	<20	0.14	<10	<10	32	<10	25	
G226787	0.06	<10	1.01	351	<1	0.04	14	370	3	0.11	3	2	164	<10	<20	0.07	<10	<10	10	<10	30	
G226788	0.57	10	3.14	252	<1	0.06	204	470	<2	0.82	6	4	51	<10	<20	0.14	<10	<10	44	<10	36	
G226789	0.34	20	2.63	493	<1	0.03	44	690	7	0.39	2	7	93	<10	<20	0.13	<10	<10	56	<10	34	
G226790	0.1	20	1.21	304	<1	0.07	26	700	4	0.05	4	3	58	<10	<20	0.19	<10	<10	34	<10	24	
G226791	0.06	20	0.82	195	<1	0.08	26	740	5	0.02	2	2	62	<10	<20	0.19	<10	<10	25	<10	22	
G226792	0.09	20	0.66	201	<1	0.06	29	720	6	0.02	<2	2	69	<10	<20	0.24	<10	<10	25	<10	17	
G226793	0.07	10	4.2	348	<1	0.03	322	520	4	0.01	<2	1	25	<10	<20	0.09	<10	<10	24	<10	55	
G226794	0.13	10	3.11	252	<1	0.03	392	390	7	0.04	<2	2	31	<10	<20	0.07	<10	<10	19	<10	26	
G226795	<0.01	<10	6.11	293	<1	0.01	1230	40	4	0.37	<2	3	8	<10	<20	0.01	<10	<10	23	<10	26	
G226796	0.35	10	1.38	314	<1	0.08	51	590	7	0.01	2	2	51	<10	<20	0.19	<10	<10	30	<10	28	
G226797	0.01	10	8.98	437	<1	0.01	864	140	14	0.2	<2	5	16	<10	<20	0.04	<10	<10	35	<10	35	
G226798	0.53	20	1.16	273	2	0.08	37	720	11	0.02	<2	3	44	<10	<20	0.2	<10	<10	35	<10	37	
G226799	0.52	20	1.1	304	<1	0.08	37	740	9	0.02	3	2	50	<10	<20	0.22	<10	<10	34	<10	32	
G226800	0.01	10	9.96	746	<1	0.02	673	130	3	0.28	<2	15	51	<10	<20	0.01	<10	<10	63	<10	30	

Core Sample Intervals

Hole No: SG-09-44

2009 Program, Sonora Project,

Northern Tiger Resources Inc.

						Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
					SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
Sample #	Meterage	From	To	Interval	DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G226801	4.6-6.6	4.6	6.6	2.0	G226801	0.018	0.4	0.36	27	<10	250	0.5	<2	1.06	<0.5	4	11	152	1.59	<10	<1
G226802	6.6-8.6	6.6	8.6	2.0	G226802	0.039	0.3	0.26	11	<10	270	0.5	<2	0.9	<0.5	3	12	120	1.33	<10	<1
G226803	8.6-10.2	8.6	10.2	1.6	G226803	0.034	0.9	0.37	52	<10	30	0.6	2	1.17	<0.5	5	9	216	1.58	<10	<1
G226804	10.2-11.7	10.2	11.7	1.5	G226804	0.038	0.8	0.58	22	<10	80	0.6	<2	1.19	<0.5	7	13	296	1.86	<10	<1
G226805	11.7-13.7	11.7	13.7	2.0	G226805	0.042	0.5	0.71	82	<10	120	0.6	2	1.06	<0.5	8	28	333	2.44	<10	<1
G226806	13.7-15.7	13.7	15.7	2.0	G226806	0.024	0.7	0.45	35	<10	70	0.6	<2	1.16	<0.5	7	6	252	1.92	<10	<1
G226807	15.7-17.0	15.7	17.0	1.3	G226807	0.033	0.9	0.6	75	<10	110	0.6	<2	1.27	<0.5	6	13	293	2.15	<10	<1
G226808	17.0-17.7	17.0	17.7	0.7	G226808	0.038	1.8	1.52	33	<10	50	0.5	5	1.43	<0.5	10	45	519	3.38	<10	<1
G226809	17.7-19.5	17.7	19.5	1.8	G226809	0.021	0.7	0.55	44	<10	70	0.6	<2	1.25	<0.5	6	6	249	2.21	<10	<1
G226810	19.5-20.5	19.5	20.5	1.0	G226810	<0.005	<0.2	1.07	31	<10	30	2.4	<2	4.58	<0.5	16	8	22	5.55	<10	<1
G226811	20.5-22.2	20.5	22.2	1.7	G226811	0.033	1.9	1.51	65	<10	70	0.6	5	1.63	0.7	17	69	625	4.72	<10	<1
G226812	22.2-23.8	22.2	23.8	1.6	G226812	0.045	0.7	1.08	148	<10	80	0.5	<2	1.52	0.5	13	15	241	3.89	<10	<1
G226813	23.8-25.0	23.8	25.0	1.2	G226813	0.018	0.4	0.33	11	<10	40	0.5	<2	1.16	<0.5	7	5	164	1.89	<10	<1
G226814	25.0-26.0	25.0	26.0	1.0	G226814	0.106	3.8	0.59	4550	<10	20	1.1	2	2.1	30.9	9	7	222	2.52	<10	<1
G226815	26.0-28.0	26.0	28.0	2.0	G226815	0.032	2.2	0.31	131	<10	130	0.5	13	1.24	1.6	5	3	284	1.28	<10	<1
G226816	28.0-30.0	28.0	30.0	2.0	G226816	0.032	1.8	0.95	45	<10	70	0.8	4	1.35	0.8	13	15	466	2.89	<10	<1
G226817	30.0-32.0	30.0	32.0	2.0	G226817	0.044	0.9	0.43	73	<10	40	0.7	<2	1.53	0.5	7	3	268	1.77	<10	<1
G226818	32.0-33.6	32.0	33.6	1.6	G226818	0.328	1.8	0.3	2400	<10	80	<0.5	9	1.05	<0.5	16	4	318	1.74	<10	<1
G226819	33.6-35.5	33.6	35.6	2.0	G226819	0.040	1.2	0.46	257	<10	110	0.6	<2	1.58	<0.5	11	10	299	1.96	<10	<1
G226820	35.5-36.6	35.6	36.6	1.0	G226820	0.020	0.9	0.38	51	<10	20	0.6	<2	1.81	<0.5	7	2	212	1.49	<10	<1
G226821	36.6-37.8	36.6	37.8	1.2	G226821	0.032	0.9	0.37	416	<10	210	0.6	<2	2.38	0.6	12	11	270	2.12	<10	<1
G226822	37.8-39.3	37.8	39.3	1.5	G226822	0.175	1.8	0.41	949	<10	50	0.6	<2	2.23	0.7	9	4	267	2.38	<10	<1
G226823	39.3-41.3	39.3	41.3	2.0	G226823	0.031	1	0.35	84	<10	30	0.5	2	1.33	<0.5	6	2	279	1.63	<10	<1
G226824	41.3-43.3	41.3	43.3	2.0	G226824	0.146	1.9	0.33	3270	<10	40	0.5	3	1.24	0.8	7	4	279	1.81	<10	<1
G226825	43.3-45.3	43.3	45.3	2.0	G226825	0.015	0.7	0.28	31	<10	40	<0.5	<2	0.9	<0.5	5	4	171	1.14	<10	<1
G226826	45.3-47.3	45.3	47.3	2.0	G226826	0.088	1.5	0.33	19	<10	40	0.5	2	1.08	0.5	5	4	365	1.45	<10	<1
G226827	47.3-48.9	47.3	48.9	1.6	G226827	0.459	0.9	0.37	281	<10	20	0.5	6	1.19	0.5	7	5	261	1.49	<10	<1
G226828	48.9-50.9	48.9	50.9	2.0	G226828	0.035	0.9	0.71	19	<10	70	0.5	<2	1.38	<0.5	10	24	339	2.29	<10	<1
G226829	50.9-52.3	50.9	52.3	1.4	G226829	0.028	0.9	0.46	17	<10	60	0.7	<2	1.53	<0.5	14	11	319	2.55	<10	<1
G226830	52.3-54.3	52.3	54.3	2.0	G226830	0.026	0.5	1.08	29	<10	100	0.7	<2	2.02	<0.5	13	49	249	2.86	<10	<1
G226831	54.3-56.3	54.3	56.3	2.0	G226831	0.119	3.2	0.43	350	<10	240	0.5	<2	2.04	0.9	14	16	821	2.21	<10	<1
G226832	56.3-58.0	56.3	58.0	1.7	G226832	0.055	2.5	0.52	70	<10	30	0.5	2	1.26	0.6	13	14	511	1.8	<10	<1
G226833	58.0-60.0	58.0	60.0	2.0	G226833	0.031	0.6	1.04	25	<10	50	0.8	<2	1.49	<0.5	12	35	202	2.61	<10	<1
G226834	60.0-61.9	60.0	61.9	1.9	G226834	0.046	1.1	0.52	282	<10	170	0.6	<2	1.89	<0.5	17	19	399	2.79	<10	<1
G226835	61.9-62.8	61.9	62.8	0.9	G226835	0.086	0.9	0.48	320	<10	120	1	<2	6.56	2.4	12	16	174	3.05	<10	<1
G226836	62.8-63.8	62.8	63.8	1.0	G226836	0.091	0.4	0.18	546	<10	340	1.7	<2	18.3	<0.5	3	5	29	2.7	<10	<1
G226837	63.8-65.8	63.8	65.8	2.0	G226837	0.155	2.3	0.62	456	<10	140	0.6	5	5.28	1.7	8	17	150	2.71	<10	<1
G226838	65.8-67.8	65.8	67.8	2.0	G226838	0.052	1.0	0.39	190	<10	30	0.8	<2	3.96	0.6	9	19	116	2.37	<10	<1
G226839	67.8-68.8	67.8	68.8	1.0	G226839	0.397	5.0	0.48	444	<10	50	1.2	10	7.31	25.7	14	28	152	3.71	<10	<1
G226840	68.8-70.1	68.8	70.1	1.3	G226840	0.357	3.5	0.48	809	<10	130	1.1	5	9.01	15.4	13	12	153	3.03	<10	<1
G226841	70.1-72.1	70.1	72.1	2.0	G226841	2.60	16	0.48	6750	<10	100	1.1	66	4.14	27.5	37	20	181	3.18	<10	<1
G226842	72.1-73.9	72.1	73.9	1.8	G226842	0.041	1.5	0.31	199	<10	40	0.5	4	2.47	2.5	6	3	74	1.49	<10	<1
G226843	73.9-75.9	73.9	75.9	2.0	G226843	0.258	22.3	0.25	119	<10	30	<0.5	89	3.91	0.6	20	2	186	2.87	<10	<1
G226844	75.9-77.1	75.9	77.1	1.2	G226844	0.093	0.6	1.62	73	<10	60	1	<2	4.07	<0.5	15	86	109	2.65	<10	<1
G226845	77.1-77.7	77.1	77.7	0.6	G226845	0.025	0.4	0.48	401	<10	30	0.5	<2	0.83	0.8	8	7	65	1.51	<10	<1
G226846	77.7-78.4	77.7	78.4	0.7	G226846	0.032	0.3	0.36	446	<10	40	<0.5	2	0.66	1.7	6	2	58	1.19	<10	<1
G226847	78.4-79.3	78.4	79.3	0.9	G226847	1.395	78.3	0.26	>10000	<10	20	<0.5	839	1.78	36.1	45	<1	549	20.1	<10	<1
G226848	79.3-79.9	79.3	79.9	0.6	G226848	2.41	>100	0.25	>10000	<10	20	<0.5	2390	0.44	46.7	72	<1	706	16.3	<10	<1
G226849	79.9-81.9	79.9	81.9	2.0	G226849	0.119	0.6	0.46	254	<10	40	0.6	6	1.72	3.4	6	4	55	1.53	<10	<1
G226850	81.9-83.9	81.9	83.9	2.0	G226850	0.047	2.1	0.35	136	<10	40	<0.5	34	2.26	1.2	8	3	192	1.59	<10	<1
G226851	83.9-85.9	83.9	85.9	2.0	G226851	0.047	1.5	0.36	140	<10	30	<0.5	14	1.1	2.5	6	2	82	1.31	<10	<1
G226852	85.9-87.0	85.9	87.0	1.1	G226852	0.151	7.7	1.01	1020	<10	40	0.8	27	2.16	4.8	11	13	144	2.66	<10	<1

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
SAMPLE	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Ag
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
G226801	0.15	30	0.31	113	2	0.04	5	150	10	0.78	6	1	22	<10	20	<0.01	<10	<10	3	<10	22	
G226802	0.14	20	0.27	102	4	0.03	4	100	9	0.79	<2	1	22	<10	20	<0.01	<10	<10	2	<10	17	
G226803	0.22	20	0.29	143	14	0.03	3	120	11	0.88	5	1	16	<10	20	<0.01	<10	<10	2	<10	21	
G226804	0.24	30	0.52	116	14	0.05	3	300	8	1.08	3	3	38	<10	20	0.02	<10	10	16	<10	31	
G226805	0.36	30	0.69	129	11	0.04	7	220	10	1.17	9	4	44	<10	20	0.02	<10	<10	21	<10	31	
G226806	0.2	40	0.35	119	2	0.04	1	190	10	1.06	5	1	33	<10	20	<0.01	<10	<10	3	<10	30	
G226807	0.29	30	0.48	147	12	0.05	4	270	9	1.33	6	2	41	<10	20	0.01	<10	<10	12	<10	33	
G226808	0.67	20	1.38	155	2	0.12	13	770	9	1.79	5	8	83	<10	<20	0.1	<10	<10	63	<10	40	
G226809	0.21	70	0.44	131	2	0.04	3	230	13	1.21	6	2	47	<10	20	0.01	<10	<10	6	<10	31	
G226810	0.28	20	1.12	1030	1	0.02	2	1810	9	0.22	2	17	157	<10	<20	<0.01	<10	<10	90	<10	88	
G226811	0.42	30	1.46	256	6	0.09	28	410	17	2.44	3	12	59	<10	<20	0.04	<10	<10	66	<10	48	
G226812	0.29	30	0.82	155	6	0.09	11	510	20	2.77	4	6	49	<10	<20	0.02	<10	<10	24	<10	48	
G226813	0.17	30	0.41	104	8	0.03	3	140	14	1.2	3	1	34	<10	20	<0.01	<10	<10	3	<10	30	
G226814	0.27	10	0.81	237	15	0.01	12	450	434	1.16	11	5	69	<10	<20	<0.01	<10	<10	15	<10	1540	
G226815	0.22	20	0.51	189	17	0.01	3	140	22	0.49	6	1	35	<10	20	<0.01	<10	<10	3	<10	79	
G226816	0.43	30	0.83	152	13	0.05	11	270	39	1.4	7	7	61	<10	20	0.02	<10	<10	29	<10	70	
G226817	0.2	20	0.56	119	5	0.01	3	180	14	1.04	32	2	50	<10	20	<0.01	<10	<10	3	<10	38	
G226818	0.18	20	0.31	100	1	0.02	2	130	16	1	12	1	26	<10	20	<0.01	<10	<10	3	<10	35	
G226819	0.24	10	0.64	137	44	0.01	10	200	12	1.16	14	2	39	<10	20	<0.01	<10	<10	8	<10	43	
G226820	0.22	10	0.7	139	4	<0.01	4	150	10	0.85	26	1	45	<10	<20	<0.01	<10	<10	2	<10	63	
G226821	0.21	10	0.81	174	156	<0.01	28	260	8	1.25	21	4	57	<10	<20	<0.01	<10	<10	8	<10	91	
G226822	0.22	10	0.54	173	63	0.01	6	110	21	1.65	25	2	60	<10	<20	<0.01	<10	10	4	<10	92	
G226823	0.19	10	0.48	122	5	0.01	3	120	10	0.95	5	1	47	<10	<20	<0.01	<10	<10	3	<10	34	
G226824	0.21	10	0.5	145	9	<0.01	3	120	100	1.06	8	1	31	<10	<20	<0.01	<10	<10	3	<10	59	
G226825	0.18	10	0.33	94	30	0.01	2	100	10	0.65	5	1	23	<10	20	<0.01	<10	10	2	<10	30	
G226826	0.2	10	0.41	99	3	0.01	3	70	12	1.01	4	1	32	<10	20	<0.01	<10	10	3	<10	37	
G226827	0.22	10	0.45	102	5	<0.01	9	90	15	0.91	3	2	45	<10	<20	<0.01	<10	<10	5	<10	31	
G226828	0.36	20	0.74	117	25	0.02	17	290	11	1.13	5	4	65	<10	20	0.03	<10	<10	21	<10	35	
G226829	0.18	10	0.63	103	7	0.01	33	250	7	1.42	2	6	64	<10	<20	<0.01	<10	<10	16	<10	27	
G226830	0.56	10	1.32	123	8	0.02	45	340	4	0.83	2	8	78	<10	<20	0.04	<10	<10	40	<10	26	
G226831	0.21	10	0.82	123	2	0.01	31	240	7	1.11	3	5	62	<10	<20	<0.01	<10	<10	14	<10	52	
G226832	0.28	10	0.65	73	3	0.01	22	230	5	1.05	7	4	41	<10	<20	0.01	<10	<10	16	<10	38	
G226833	0.49	20	1.07	113	4	0.01	35	330	4	0.97	10	7	58	<10	<20	0.04	<10	<10	36	<10	27	
G226834	0.22	10	0.77	133	2	0.01	38	160	6	1.51	6	8	69	<10	<20	<0.01	<10	<10	21	<10	34	
G226835	0.17	<10	2.6	900	76	0.01	32	550	6	1.56	10	6	180	<10	<20	<0.01	<10	<10	19	<10	121	
G226836	0.05	<10	6.8	3820	39	0.01	1	80	5	0.5	11	2	495	<10	<20	<0.01	<10	<10	8	<10	10	
G226837	0.17	<10	2.13	880	34	0.03	26	400	37	1.48	21	4	104	<10	<20	0.01	<10	<10	19	<10	93	
G226838	0.16	10	1.45	295	32	0.01	26	260	14	1.55	21	5	101	<10	<20	<0.01	<10	<10	16	<10	43	
G226839	0.17	<10	3.06	801	27	0.02	38	480	385	3	35	9	161	<10	<20	<0.01	<10	<10	29	10	1630	
G226840	0.18	<10	3.73	827	34	0.02	20	220	131	1.9	30	8	182	<10	<20	<0.01	<10	<10	21	<10	903	
G226841	0.2	<10	1.37	406	22	0.01	45	590	804	2.2	127	8	124	10	<20	<0.01	<10	<10	17	<10	1510	
G226842	0.21	10	0.96	476	1	<0.01	5	100	44	0.98	10	1	68	<10	20	<0.01	<10	<10	3	<10	139	
G226843	0.19	10	0.98	986	1	<0.01	4	80	52	2.67	18	1	85	<10	20	<0.01	<10	<10	1	40	23	
G226844	0.24	10	1.45	382	2	0.03	40	620	13	0.91	5	8	116	<10	<20	0.05	<10	<10	51	<10	47	
G226845	0.22	20	0.29	109	4	<0.01	5	110	9	1.09	7	1	23	<10	20	<0.01	<10	<10	4	<10	54	
G226846	0.25	10	0.06	80	9	<0.01	1	70	8	1	6	<1	17	<10	<20	<0.01	<10	10	1	<10	52	
G226847	0.16	<10	0.31	199	2	0.01	11	150	637	>10.0	80	<1	38	50	<20	<0.01	10	10	2	30	2510	
G226848	0.24	<10	0.03	16	1	<0.01	9	60	2200	>10.0	117	<1	19	30	<20	<0.01	<10	10	1	10	1810	229
G226849	0.22	20	0.25	129	<1	<0.01	2	120	12	0.99	10	1	30	<10	20	<0.01	<10	<10	4	<10	306	
G226850	0.23	20	0.4	323	1	0.01	2	110	20	1.06	8	1	46	20	20	<0.01	<10	<10	2	<10	72	
G226851	0.18	20	0.15	105	1	<0.01	2	90	18	1.04	6	<1	29	<10	20	<0.01	<10	<10	1	<10	136	
G226852	0.31	20	0.76	224	<1	<0.01	9	290	147	1.77	10	4	51	10	20	0.01	<10	<10	18	<10	226	

G226853	87.0-89.0	87.0	89.0	2.0	G226853	0.046	1.6	1.88	411	<10	70	1	8	2.51	2.6	13	45	79	2.48	<10	<1
G226854	89.0-91.0	89.0	91.0	2.0	G226854	0.038	2.7	1.31	87	<10	60	0.6	9	1.67	0.6	13	40	211	2.25	10	<1
G226855	91.0-93.0	91.0	93.0	2.0	G226855	0.008	0.2	2.04	19	<10	50	0.6	<2	1.24	<0.5	13	51	48	2.8	10	<1
G226856	93.0-95.0	93.0	95.0	2.0	G226856	0.152	0.5	1.31	27	<10	50	0.6	<2	2.7	<0.5	9	41	112	2.11	10	<1
G226857	95.0-97.0	95.0	97.0	2.0	G226857	0.208	0.8	1.62	17	<10	40	0.7	4	4.29	<0.5	16	44	186	2.57	10	<1
G226858	97.0-98.0	97.0	98.0	1.0	G226858	0.023	0.2	0.81	18	<10	30	0.7	<2	3	<0.5	11	29	74	1.92	<10	<1
G226859	98.0-99.0	98.0	99.0	1.0	G226859	0.056	0.2	0.88	21	<10	40	0.6	<2	1.85	<0.5	8	19	68	1.75	<10	<1
G226860	99.0-100.3	99.0	100.3	1.3	G226860	0.242	0.3	1.74	16	<10	60	0.7	<2	2.9	<0.5	12	55	123	2.14	10	<1
G226861	100.3-102.3	100.3	102.3	2.0	G226861	0.108	0.5	1.35	27	<10	50	0.7	<2	2.13	<0.5	11	24	108	1.63	10	<1
G226862	102.3-104.3	102.3	104.3	2.0	G226862	0.018	0.9	1.01	45	<10	20	0.5	6	2.92	<0.5	12	15	168	1.59	<10	<1
G226863	104.3-106.3	104.3	106.3	2.0	G226863	0.014	0.4	1.26	59	<10	40	0.6	2	2.32	0.5	9	16	108	1.73	10	<1
G226864	106.3-108.3	106.3	108.3	2.0	G226864	0.012	<0.2	1.06	37	<10	20	<0.5	<2	1.71	<0.5	8	17	88	2	10	<1
G226865	108.3-109.8	108.3	109.8	1.5	G226865	0.010	0.2	0.89	49	<10	30	0.5	<2	2.1	<0.5	8	10	121	2.12	<10	<1
G226866	109.8-110.9	109.8	110.9	1.1	G226866	0.041	0.4	0.92	169	<10	350	0.7	<2	3.14	<0.5	15	95	93	2.05	<10	<1
G226867	110.9-112.9	110.9	112.9	2.0	G226867	0.005	0.6	0.47	27	30	620	<0.5	<2	5.61	0.9	76	1180	7	3.82	<10	<1
G226868	112.9-113.9	112.9	113.9	1.0	G226868	<0.005	0.8	0.2	16	40	30	<0.5	2	2.24	1.3	87	464	2	5.46	<10	<1
G226869	124.3-126.3	124.3	126.3	2.0	G226869	<0.005	0.3	0.24	15	40	10	<0.5	<2	0.79	0.7	92	915	1	2.99	<10	<1
G226870	137.7-139.7	137.7	139.7	2.0	G226870	<0.005	0.3	0.23	19	30	<10	<0.5	<2	1.9	0.5	75	1090	3	2.87	<10	<1

G226853	0.47	20	1.26	292	1	0.06	27	420	36	1.08	11	7	75	<10	<20	0.02	<10	<10	31	<10	170	
G226854	0.45	20	0.89	179	1	0.04	30	320	25	0.97	4	5	50	<10	20	0.02	<10	<10	26	<10	62	
G226855	0.47	20	1.16	168	<1	0.12	27	540	3	0.96	<2	6	42	<10	<20	0.07	<10	<10	49	<10	22	
G226856	0.25	30	1.01	241	1	0.07	20	470	9	0.9	4	5	61	<10	<20	0.07	<10	<10	31	<10	27	
G226857	0.27	10	1.32	324	1	0.09	24	650	7	1.15	<2	6	96	<10	<20	0.11	<10	<10	40	<10	33	
G226858	0.18	20	0.89	279	1	0.05	24	370	4	0.68	<2	6	102	<10	<20	0.02	<10	<10	25	<10	28	
G226859	0.18	40	0.6	208	1	0.05	7	280	9	0.78	<2	4	40	<10	20	0.02	<10	<10	16	<10	27	
G226860	0.41	20	1.38	329	1	0.08	26	510	3	0.75	3	6	65	<10	<20	0.1	<10	<10	49	10	31	
G226861	0.16	20	1.4	200	2	0.06	11	720	2	0.59	<2	6	56	<10	<20	0.03	<10	<10	55	<10	23	
G226862	0.12	20	1	237	1	0.03	8	660	4	0.81	2	5	80	<10	<20	<0.01	<10	<10	36	<10	21	
G226863	0.19	20	0.91	151	1	0.06	5	680	3	0.88	5	4	61	<10	<20	0.01	<10	<10	40	<10	40	
G226864	0.1	20	0.94	151	<1	0.04	6	670	<2	0.98	3	4	47	<10	<20	<0.01	<10	<10	40	<10	16	
G226865	0.14	20	0.84	163	1	0.02	9	680	3	0.94	2	5	89	<10	<20	<0.01	<10	<10	28	<10	30	
G226866	0.18	10	1.66	263	1	0.01	120	550	8	0.86	5	7	84	<10	<20	<0.01	<10	<10	22	<10	31	
G226867	0.03	<10	13.9	902	<1	0.01	870	30	38	0.61	<2	4	409	<10	<20	0.01	<10	<10	16	<10	106	
G226868	0.01	<10	16.05	1225	<1	<0.01	757	10	37	0.05	<2	6	335	<10	<20	0.01	<10	<10	16	<10	96	
G226869	<0.01	<10	19.45	775	<1	<0.01	1295	30	23	0.08	<2	3	44	<10	<20	0.01	<10	<10	8	<10	78	
G226870	<0.01	<10	14.85	1005	<1	<0.01	959	10	25	0.12	<2	4	91	<10	<20	0.01	<10	<10	11	<10	54	

Appendix 2b: Weighted Averages of Select Intervals

Weighted Averages SG-09-33
Nightmusic Zone, Sonora Project
2009 Program

Sample #	Meterage	From	To	Interval	Au-AA24	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave
		(m)	(m)	(m)	Au	Au	Ag	Ag	Cu	Cu
					ppm		ppm		ppm	
G226050	91.0-92.5	91.0	92.5	1.5	6.520	9.78	2.8	4.2	335	503
G226051	92.5-93.9	92.5	93.9	1.4	0.715	1.001	1.5	2.1	209	293
				2.9		10.781		6.3		795
Wted Ave 91.0 - 93.9m: 2.9m					**Au: 3.718 g/t**		**Ag: 2.2 g/t**		**Cu: 274 ppm**	

Weighted Averages SG-09-40
Nightmusic Zone, Sonora Project
2009 Program

Sample #	Meterage	From	To	Interval	Au-AA24	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave
		(m)	(m)	(m)	Au	Au	Ag	Ag	Cu	Cu
					ppm		ppm		ppm	
G227962	197.7-199.7	197.7	199.7	2.0	0.388	0.776	6.0	12	1860	3720
G227963	199.7-200.7	199.7	200.7	1.0	2.33	2.33	8.0	8	1630	1630
				3.0		3.106		20		5350
Wted Ave 197.7 - 200.7 (3.0m):					**Au: 1.035 g/t**		**Ag: 6.7 g/t**		**Cu: 1783 ppm**	

Weighted Averages SG-09-41
Nightmusic Zone, Sonora Project
2009 Program

Sample #	Meterage	From	To	Interval	Au-AA24	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave
					Au	Au	Ag	Ag	Cu	Cu	Mo	Mo
					ppm		ppm		ppm		ppm	
G226519	13.7-15.8	13.7	15.8	2.1	2.00	4.2	2.3	4.83	214	449		
G226520	15.8-17.8	15.8	17.8	2.0	1.885	3.77	1.8	3.6	246	492		
				4.1		7.97		8.43		941		
Wted Ave 13.7 - 17.8m (4.1m):					**Au: 1.944 g/t**		**Ag: 2.1 g/t**		**Cu: 230 ppm**			
G226536	55.3-57.3	55.3	57.3	2.0	1.40	2.8	3.5	7	257	514		
G226540	57.3-58.3	57.3	58.3	1.0	0.231	0.231	0.5	0.5	110	110		
				3.0		0		0		0		
Wted Ave 55.3 - 58.3m (3.0m):					**Au: 1.010 g/t**		**Ag: 2.5 g/t**		**Cu: 208 ppm**			
G226611	180.6-182.2	180.6	182.2	1.6	0.909	1.454	3.1	5.0	137	219	23	37
G226612	182.2-183.1	182.2	183.1	0.9	0.514	0.463	5	4.5	541	487	632	569
				2.5		1.917		9.5		706		606
Wted Ave 180.6 - 183.1m (2.5m):					**Au: 0.767 g/t**		**Ag: 3.8 g/t**		**Cu: 282 ppm**		**Mo: 242 ppm**	

Weighted Averages SG-09-43
Nightmusic Zone, Sonora Project
2009 Program

Sample #	Meterage	From	To	Interval	Au-AA24	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave
		(m)	(m)	(m)	Au	Au	Ag	Ag	Cu	Cu	Zn	Zn
					ppm		ppm		ppm		ppm	
G226695	63.8-65.5	63.8	65.5	1.7	0.822	1.3974	0	0	191	325		
G226696	65.5-66.3	65.5	66.3	0.8	0.231	0.1848	1	0.8	265	212		
				2.5		1.582		0.8		537		
Wted Ave 63.8 - 66.3m (2.5m):					**Au: 0.633 g/t**		**Ag: 0.3 g/t**		**Cu: 215 ppm**			
G226712	97.0-98.9	97.0	98.9	1.9	0.235	0.4465	0.8	1.52	317	602		
G226713	98.9-100.2	98.9	100.2	1.3	0.329	0.4277	1.5	1.95	464	603		
G226717	100.2-102.1	100.2	102.1	1.9	0.743	1.4117	1.4	2.66	456	866		
				5.1		2.286		6.1		2072		
Wted Ave 97.0 - 102.1m (5.1m):					**Au: 0.448 g/t**		**Ag: 1.2 g/t**		**Cu: 406 ppm**			
G226738	130.9-132.5	130.9	132.5	1.6	1.500	2.4	17.3	27.68	2350	3760	4.19	6.70
G226739	132.5-134.0	132.5	134.0	1.5	0.327	0.4905	3.1	4.65	442	663	0.86	1.29
G226740	134.0-134.6	134.0	134.6	0.6	1.330	0.798	6.0	3.6	594	356.4	4.81	2.89
				3.7		3.688		35.9		4779		10.88
Wted Ave 130.9 - 134.6m (3.7m):					**Au: 0.997 g/t**		**Ag: 9.7 g/t**		**Cu: 1292 ppm**		**Zn: 2.94%**	

Weighted Averages SG-09-44
Nightmusic Zone, Sonora Project
2009 Program

Sample #	Meterage	From	To	Interval	Au-AA24	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave	ME-ICP41	Wted Ave
		(m)	(m)	(m)	Au	Au	Ag	Ag	Cu	Cu	Mo	Mo
					ppm		ppm		ppm		ppm	
G226839	67.8-68.8	67.8	68.8	1.0	0.397	0.397	5.0	5	152	152	27	27
G226840	68.8-70.1	68.8	70.1	1.3	0.357	0.464	3.5	4.5	153	199	34	44
G226841	70.1-72.1	70.1	72.1	2.0	2.60	5.200	16	32	181	362	22	44
				4.3		6.061		41.6		713		115
Wted Ave 67.8 - 72.1m (4.3m):					**Au: 1.41 g/t**		**Ag: 9.7 g/t**		**Cu: 166 ppm**		**Mo: 27 ppm**	
G226847	78.4-79.3	78.4	79.3	0.9	1.395	1.255	78.3	70.5	549	494	2	2
G226848	79.3-79.9	79.3	79.9	0.6	2.41	1.446	229	137.4	706	424	1	1
				1.5		2.702		207.9		918		2
Wted Ave 78.4 - 79.9m (1.5m):					**Au: 1.80 g/t**		**Ag: 138.6g/t**		**Cu: 612 ppm**			

ASSESSMENT REPORT
on the
2009 DIAMOND DRILLING PROGRAM,
SONORA PROPERTY
DAWSON RANGE, YUKON
Northern Tiger Resources Inc.
(In-house Report)

Volume 2: Appendix 3, Diamond Drill Logs
Appendix 4: Original Results

YC26213 – YC26228 (S1-16), YC26229 – YC26230 (S117-118), YC26181 – YC26194 (SAM 1-18), YC26195 (Sam 20), YA03889 (SAM 21), YC26196 (SAM 22), YA03891 – YA03898 (SAM 23-30), YC26197 – YC26207 (SAM 31-41), YA03910 – YA03912 (SAM 42-44), YA08277 – YA08278 (SAM 89-90), YC26208 – YC26209 (SAM 91-92), YA08281 – YA08284 (SAM 93-96), YC26210 (SAM 97), YC26211 – YC26212 (SAM 99-100), YC57890 – YC57914 (SAM 101-125), YC26163 – YC26174 (STONE 1-12), YC26175 – YC26180 (STONE 15-20), YC29893 – YC29906 (STONE 21-34), YC57915 – YC57930 (STONE 35-50), YA03779 – YA03782 (SWEDE 1-4), YC26162 (SWEDE 5), YA03784 (SWEDE 6), YC54316 – YC54325 (WAM 1-10), YC59834 – YC59917 (STRAUSS 1-84), YC90025 – YC90038 (STONE 51 – 64)

Hayes Creek area, central Yukon
NTS 115 J-9, I-12
62° 39' N. Lat; 138°02' W Long
UTM (NAD 83): 652300 E, 6950500N, Zone 7
Whitehorse Mining District

Effective Date: Oct 1, 2009

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March 18, 2010

Appendix 3: Drill Logs

SG-09-33: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
3.05	4.60	Metagranite	Strongly foliated, surface oxidation
4.60	6.10	Metagranite	Strongly foliated, weakly oxidized
6.10	7.60	Metagranite	Strong tan oxidized section
7.60	12.20	Metagranite	Foliated granite gneiss
12.20	15.20	Metagranite	Increase in sericite, tan-coloured oxidation
15.20	16.80	Brecciated metagranite	Strongly developed microbrecciation
16.80	17.30	Brecciated metagranite	Late coarse quartz-feldspar veining
17.30	19.70	Brecciated metagranite	Variably microbrecciated, tan-oxidized
19.70	20.50	Brecciated metagranite	Argillically altered metagranite
20.50	21.80	Metagranite	Weakly to moderately oxidized
21.80	23.20	Metagranite	Increased microbrecciation, oxidation
23.20	26.50	Metagranite	Unoxidized to weakly oxidized
26.50	28.00	Metagranite	4-5% pyrite-hematite bands
28.00	29.50	Metagranite	Foliated augen gneiss
29.50	30.20	Metagranite	Variably bleached, more melanocratic
30.20	33.80	Metagranite	Unoxidized foliated granite gneiss
33.80	37.10	Metagranite	Moderate tan +/- hematite oxidation
37.10	39.80	Metagranite	Fine grained metagranite
39.80	41.00	Metagabbro?	Foliated, medium grained, biotite-rich
41.00	43.40	Metabasalt	Bleached, moderately oxidized, foliated
43.40	45.40	Brecciated metabasalt	Strong late brecciation, strongly bleached
45.40	46.50	Intermediate dyke	Fine grained, massive, dacitic?
46.50	48.20	Metabasalt	Moderately to strongly fractured, fine grained
48.20	52.30	Metabasalt	Fine-medium grained, unoxidized
52.30	53.20	Metabasalt	Banded quartz-carbonate-pyrite veins
53.20	57.30	Metabasalt	Fine grained, weak-mod foliation
57.30	59.10	Metabasalt	Phyllic, carbonate alteration, centered on Qz-carb vein
59.10	62.40	Metabasalt	Coarse grained, weakly bleached
62.40	64.50	Hornfelsed metabasalt	Moderately hornfelsed, 7-8% white quartz veining
64.50	65.80	Hornfelsed metabasalt	Increased silica, pyrite
65.80	71.10	Hornfelsed metabasalt	Moderate, somewhat variable bleaching
71.10	72.30	Hornfelsed metabasalt	Moderately sheared, argillically altered section
72.30	72.90	Hornfelsed metabasalt	Moderately hornfelsed
72.90	75.10	Hornfelsed metabasalt	Gouge from 74.25 - 74.45m
75.10	76.40	Hornfelsed metabasalt	Moderately hornfelsed
76.40	79.00	Hornfelsed metabasalt	Gouge from 76.7 - 77.0m
79.00	81.60	Hornfelsed metabasalt	Moderately hornfelsed
81.60	89.00	Metabasalt	Moderately - strongly foliated
89.00	91.00	Metabasalt	Weak remnant hornfelsing
91.00	93.90	Metabasalt	Weakly sheared, centered on pyrite vein
93.90	97.80	Metabasalt	Moderate skarn alteration
97.80	99.50	Metabasalt	Mod-strongly foliated
99.50	101.70	Metabasalt	Weakly hornfelsed, less bleached than above
101.70	104.50	Metabasalt	Strongly foliated, increased fine fracturing
104.50	107.00	Feldspar Porphyritic Monzonite	Dyke: 45% feldspar porphyries, f. grained groundmass
107.00	109.60	Gouge	Protolith indistinct, likely metabasalt; strong gouge
109.60	112.20	Gouge	Mylonitic zone, distinct dark pyritic bands
112.20	113.10	Ultramafic	Strongly brecchaied, tan - orange interval
113.10	114.70	Ultramafic	Strongly brecciated, mariposite and pyrite enriched
114.70	115.70	Ultramafic	Increased orange-tan carbonate-enriched intervals
115.70	117.00	Mylonitic metabasalt	Moderately mylonitic, strong orange-tan alteration
117.00	118.50	Mylonitic metabasalt	Weaker mylonitic fabric, modertae carbonate alt

118.50	121.80	Mylonitic metabasalt	Weak mylonitization
121.80	123.60	Mylonitic metabasalt	Weak shear zone, locally banded pyrite
123.60	126.70	Mylonitic metabasalt	Weak-moderate calc-silicate alteration
126.70	127.10	Mylonitic metabasalt	Strongly mylonitic
127.10	128.50	Metabasalt	Weak, variable foliation
128.50	128.90	Metabasalt/ felsic dykes	Strongly foliated
128.90	129.50	Metabasalt/ felsic dykes	Feldspar porphyritic (F.P.) dykes, strong qz-carb alt.
129.50	131.50	Metabasalt/ felsic dykes	Fine grained (f. gr) metabasalt
131.50	132.90	Metabasalt/ felsic dykes	Calc-silicate altered metabasalt
132.90	133.60	Metabasalt/ felsic dykes	F. Grained F.P. monzonite dyke
133.60	137.60	Metabasalt/ felsic dykes	Med grained metabasalt
137.60	141.50	Metabasalt/ felsic dykes	Strong skarn alteration, variably bleached
141.50	142.10	Metabasalt/ felsic dykes	Silicified F.P. Monzonite dyke
142.10	143.70	Metabasalt/ felsic dykes	Moderately silicified f.gr metabasalt
143.70	145.70	Feldspar Porphyritic Monzonite Dyke	F. grained, early brecciated
145.70	148.30	Feldspar Porphyritic Monzonite Dyke	Very fine grained, strongly silicified
148.30	151.70	Feldspar Porphyritic Monzonite Dyke	Very intense silica-carbonate alteration
151.70	153.50	Feldspar Porphyritic Monzonite Dyke	Banded, minor gouge zones
153.50	154.10	Metabasalt	Intense gouge with microbrecciation
154.10	157.30	Metabasalt	Intermittent gouge
157.30	160.50	Metabasalt	Fine to med grained, strongly foliated
160.50	164.10	Metabasalt	Intermittent argillically altered gouge
164.10	167.30	Brecciated metabasalt	Strongly developed argillically altered gouge
167.30	169.30	Brecciated metabasalt	Early brecciation followed by grey-white quartz veining
169.30	172.20	Brecciated metabasalt	Intense brecciation, increased argillic alteration
172.20	172.70	Metabasalt	Strongly mariposite-altered metabasalt
172.70	174.10	Metabasalt	Silica-feldspat vein breccia
174.10	175.60	Gouge	Strongly developed gouge in metabasalt?
175.60	175.80	Gouge	Strongly developed gouge in metabasalt?
175.80	178.80	Metabasalt	Strongly fractured, foliated
178.80	181.40	Gouge, metabasalt	Intense gouge, strong srgillic alteration
181.40	183.30	Metabasalt	Mod foliated, minor pink "felsite" veining
183.30	183.90	Metabasalt	Near-gouge
183.90	187.50	Metabasalt	Weak chlorite-biotite alteration
187.50	188.60	Metabasalt	Near-gouge
188.60	192.50	Metabasalt	Strongly foliated, local cm-scale gouge
192.50	193.90	Metabasalt	Increased fracture-controlled argillic alteration
193.90	195.00	Gouge, felsic dyke	Intense gouge
195.00	196.20	Metabasalt	Moderate, variable gouge development
196.20	200.20	Metabasalt	Mod biotite alteration
200.20	200.90	Sheared metabasalt	Near-massive pyrite in qz-pyrite vein
200.90	204.70	Sheared metabasalt	Gouge and strong argillic alteration
204.70	205.30	Sheared ultramafic	Strong mariposite alt, late qz-feldspar veining
205.30	207.30	Sheared metabasalt	Strongly pyritic gouge
207.30	209.30	Metabasalt	Moderate, decreasing phyllic alt of f. grained metabasalt
209.30	212.40	Metabasalt	Banded calc-silicate development
212.40	219.50	Metabasalt	Moderately foliated
219.50	220.40	Metabasalt	Banded epidote intercalated with quartz-calcite
220.40	223.50	Metabasalt	Banded qz-calcite-pyrite veins
223.50	228.40	Metabasalt	Banded silica-carbonate alteration
228.40	231.30	Metabasalt	Intermittent strong bleaching
231.30	236.90	Metabasalt	Moderately foliated
236.90	240.40	Metabasalt	Strong late fracturing
240.40	243.40	Metabasalt	Variable skarn, qz-carbonate alteration
243.40	244.20	Metabasalt	Intermittent gouge
244.20	246.90	Metadiorite	Med-coarse grained, foliated

SG-09-33: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite	Hornfels	Skarn	Serpentinized
3.05	4.60		2	1	1										
4.60	6.10	2	1	2	1										
6.10	7.60	2	1	2	2–3										
7.60	12.20	2	1	2	2	1									
12.20	15.20	1–2	1–2	2	2										
15.20	16.80	1		1	3										
16.80	17.30	1		1	1										
17.30	19.70	2	1	2	2										
19.70	20.50	1	2	2	3										
20.50	21.80	1		1											
21.80	23.20	1	2	2	2										
23.20	26.50	1		2	1										
26.50	28.00	1		1	1										
28.00	29.50	1		2	1										
29.50	30.20	1	1	1		1									
30.20	33.80	1–2		1–2											
33.80	37.10	1–2		1	2										
37.10	39.80	1		2											
39.80	41.00					1									
41.00	43.40	2	1	2	2										
43.40	45.40	2	2	1	1										
45.40	46.50					1									
46.50	48.20			1		1									
48.20	52.30					1	1								
52.30	53.20			2		2									
53.20	57.30							1							
57.30	59.10			2		2									
59.10	62.40	1				1							1		
62.40	64.50	1				1							1		
64.50	65.80	2	1	1		1							1		
65.80	71.10								1				1		

71.10	72.30		2	1									1		
72.30	72.90	1		1									1		
72.90	75.10	1	1–2	1									1		
75.10	76.40	1–2		1		1							1		
76.40	79.00	1	1	1		1							1		
79.00	81.60	1–2	1	1		1				1			1		
81.60	89.00	2	1	2		1–2							1		
89.00	91.00	1		2									1		
91.00	93.90	1	1–2	2									1		
93.90	97.80	1				1–2	2			1–2			1		
97.80	99.50	1				1							1		
99.50	101.70	1				1–2							1		
101.70	104.50	2	1	2									to 81.6		
104.50	107.00	2	1			1									
107.00	109.60	1	3												
109.60	112.20	1	2												
112.20	113.10	2–3				2									
113.10	114.70	2				1					2				
114.70	115.70	2				1					3				
115.70	117.00	1				1					3				
117.00	118.50	1				1									
118.50	121.80						1		1		1				
121.80	123.60	2													
123.60	126.70	2	1	1		2					1				
126.70	127.10	1				1		1							
127.10	128.50	1							1						
128.50	128.90	2		1		2				2					
128.90	129.50	3				2									
129.50	131.50					1	1		2						
131.50	132.90		2			2–3		2							
132.90	133.60	2	2			2									
133.60	137.60	1–2				2	1								
137.60	141.50	1				2–3		2							
141.50	142.10	3													
142.10	143.70	1				2	1								
143.70	145.70	2–3	2			1									
145.70	148.30	2–3	1			1						3?			
148.30	151.70	3	1			1–2						3			
151.70	153.50	2–3	1									2			
153.50	154.10	2	3			2									
154.10	157.30	2	2–3	1											

157.30	160.50	2	2								1				
160.50	164.10	2	1												
164.10	167.30	1	3	1											
167.30	169.30	3	2			1									
169.30	172.20	1	2–3												
172.20	172.70	1	2			1									
172.70	174.10	2				1						2			
174.10	175.60	2										2?			
175.60	175.80	2	1–2												
175.80	178.80	1	1–2	1		1									
178.80	181.40	1	2–3			1									
181.40	183.30						1								
183.30	183.90		1				1		2						
183.90	187.50		1				1		1						
187.50	188.60		2	2		1									
188.60	192.50		1–2	2											
192.50	193.90		2	1											
193.90	195.00		2			1					1				
195.00	196.20	1	2	1		1									
196.20	200.20	3							2						
200.20	200.90	3													
200.90	204.70	1	2–3	1		1					1				
204.70	205.30	1	1			2					3				
205.30	207.30	3	1			1								skarn	
207.30	209.30		1	2		1								skarn	
209.30	212.40					1		1							
212.40	219.50						1	1	1						
219.50	220.40	2				3				2					
220.40	223.50	1		1		2									
223.50	228.40	1–2	1	1		2									
228.40	231.30	1				3									
231.30	236.90	1				2	1	1							
236.90	240.40		1			2		1							
240.40	243.40					1	2			1					
243.40	244.20		3			2									
244.20	246.90		1			1–2	1								

SG-09-33: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)	Hematite (hem)
3.05	4.60	trace								
4.60	6.10	5								
6.10	7.60	<1								
7.60	12.20	5								
12.20	15.20	<1						trace		
15.20	16.80	>1								weak
16.80	17.30	<1								moderate
17.30	19.70	5								moderate
19.70	20.50	1								
20.50	21.80	3					trace	trace		
21.80	23.20	5						trace		
23.20	26.50	4		trace						
26.50	28.00	5					<1			trace
28.00	29.50	3								trace
29.50	30.20	<1								
30.20	33.80	>1						trace		
33.80	37.10	4					trace	trace		moderate
37.10	39.80	2								
39.80	41.00	2								
41.00	43.40	3								
43.40	45.40	2								
45.40	46.50	1								
46.50	48.20	2								
48.20	52.30	>1								
52.30	53.20	5		trace				trace		
53.20	57.30	<1								
57.30	59.10	2								
59.10	62.40	trace								
62.40	64.50	1						trace		
64.50	65.80	2		trace				trace		
65.80	71.10	<1		trace						
71.10	72.30	4								
72.30	72.90									
72.90	75.10	2								
75.10	76.40	3						trace		
76.40	79.00	2–3								
79.00	81.60	1						trace		
81.60	89.00	3					trace	trace		
89.00	91.00	4					trace	trace		
91.00	93.90	5		trace			1	0.3		
93.90	97.80	3								
97.80	99.50	3						0.2		
99.50	101.70	6		trace				0.2		
101.70	104.50	4						trace		
104.50	107.00	6								
107.00	109.60	15								
109.60	112.20	18								
112.20	113.10	4					trace			
113.10	114.70	15			trace		2			
114.70	115.70	6								
115.70	117.00	2								
117.00	118.50	>1								
118.50	121.80	trace								
121.80	123.60	5		trace						
123.60	126.70	3								
126.70	127.10	2								

127.10	128.50	2					trace			
128.50	128.90	3								
128.90	129.50	8		trace						
129.50	131.50	<1								
131.50	132.90	5		trace						
132.90	133.60	7								
133.60	137.60	3								
137.60	141.50	5								
141.50	142.10	30		<1						
142.10	143.70	4		trace						
143.70	145.70	8		trace						
145.70	148.30	5								
148.30	151.70	1								
151.70	153.50	3								
153.50	154.10	12								
154.10	157.30	8		trace						
157.30	160.50	5		trace						
160.50	164.10	7		trace						
164.10	167.30	6		<1						
167.30	169.30	5								
169.30	172.20	7		trace						
172.20	172.70	6								
172.70	174.10	5		trace						
174.10	175.80	5		trace						
175.80	178.80	5								
178.80	181.40	>0								
181.40	183.30	2								
183.30	183.90	>1								
183.90	187.50	2		trace						
187.50	188.60	5								
188.60	192.50	5								
192.50	193.90	4								
193.90	195.00	2								
195.00	196.20	4								
196.20	200.20	2								
200.20	200.90	40								
200.90	204.70	8		trace						
204.70	205.30	trace							<1	
205.30	207.30	30								
207.30	209.30	<1								
209.30	212.40									
212.40	219.50	trace	trace							
219.50	220.40	1	trace	trace						
220.40	223.50	4		trace						
223.50	228.40	>1								
228.40	231.30		2	trace						
231.30	236.90									
236.90	240.40	trace								
240.40	243.40									
243.40	244.20	5								
244.20	246.90	trace								

SG-09-33: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From	To	Contact	Schistosity	Gneissosity	Fracture 1	Fracture 2	Vein 1	Shear	Fault	Breccia
(m)	(m)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)			
3.1	7.6			60						
6.4	6.6						57			
7.6	29.6			62						
13.1	14.3						71			
15.2	20.5									micro-brecciated metagranite
20.5	24.9						cross-cutting veinlets			micro-breccia
24.9	27.8			64						
26.5	28.0	62 (Hm bands)								
29.6	37.0			75						
33.8	37.1						53			
37.0	38.0			67						
38.0	40.8			58						
37.9	39.8						58			
40.8	48.9			65						
43.4		52								
45.4		60								
47.2	47.3						60			
48.9	65.1			55						
52.7	52.8						68			
58.4		56							gouge	
59.1	62.4						late veinlets			
60.0	60.1						60			
62.5	64.5						60			
65.1	74.2			58						
71.4		42								
72.9		84							gouge	
74.2	80.8			55						
76.1	77.1						50			
76.7	77.0								gouge	
78.4	78.6						75			
80.8	84.1			45						
84.1	86.6			60			60			
86.6	90.4			52						
90.4	95.5			65						

91.8	91.9						58			
95.5	98.7			57						
98.7	104.5			62						
99.5	101.7						52			
102.9	103.3						75			
104.0							58			
105.8	106.2						77			
107.0	112.2								gouge/mylonite	
109.1		52								
112.2	121.1	45		75						
114.7		49						cm-scale shear zones		
115.7	117.1						70		mylonitic	
121.1	122.8			58						
122.4	122.5						76			
122.8	136.9			67						
127.5		39						shear		
128.9		58								
132.0	13.1						55			
136.9	143.5	143.5		47						
140.6		47								
140.9		41								
143.5	156.4			48						
142.7	145.7							76		early brecciation
146.5		66								
152.6		57							gouge zones	
153.5		67							intense gouge	
156.4	158.8			64					intermittent gouge	
158.8	163.4			71						
163.4	165.8			67						
164.1		16								
165.8	184.7			62						
168.8					54 (sheeted fractures)					
169.3										intensely brecciated
172.2		39								
174.1	175.8								17 (gouge)	
179.8		28							intense gouge	
184.7	189.7			35						
186.6	187.1	72							gouge zone	brecciated
189.7	198.9			58						
193.9		43 (upper)							gouge	
195.0		48 (lower)							gouge	
195.4								43		

198.9	201.4			34						
200.2	204.7							shear		
201.4								56		
205.3		72 (upper)								
207.3		48 (lower)								
206.1	207.0						53			
208.4	211.4			62						
211.4	217.5			64						
217.5	223.5			68						
221.1	231.0						74			
227.1		71								
231.0	234.7			53						
234.7	239.8			65						
239.8	240.4			60						
239.8	240.1						60			
240.4	246.3			66						
243.8		72								
246.3	246.9			74						

SG-09-34: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
7.60	11.60	Metagranite	Moderately oxidized, med. Grained
11.60	14.60	Metagranite	Increased late fracturing, yellow limonite
14.60	16.00	Metagranite	Med grained, quartz eyes
16.00	19.10	Metagranite	Mod-strong late fracturing
19.10	24.10	Metagranite	Weakly oxidized; several small fracture zones
24.10	25.20	Metagranite	Weakly-moderately limonitic
25.20	27.20	Sheared metagranite	Mod sheared, strongly limonitic
27.20	27.70	Sheared metagranite	Strongly limonitic gouge
27.70	28.60	Sheared metagranite	Strong late limonitic fracturing
28.60	34.60	Metagranite	Intermittent gouge in small shear zones
34.60	38.60	Metagranite	Almost unoxidized
38.60	42.00	Metabasalt	Med grained, moderately limonitic
42.00	44.00	Metabasalt	Bleached coarse grained metabasalt (metagranite?)
44.00	45.80	Metagabbro	Med grained, unbleached
45.80	48.70	Metagabbro	Bleached, some unbleached bands
48.70	50.20	Metabasalt	Very fine grained, mod late fracturing
50.20	52.20	Metabasalt	Weak shear zones, carb-altered
52.20	54.50	Metabasalt	Moderately foliated
54.50	58.20	Metagabbro	Coarse grained, mod - strongly foliated
58.20	60.00	Metabasalt	Fine grained, weak-mod foliation
60.00	65.50	Metagabbro	Med grained, mod-strongly foliated
65.50	80.00	Metabasalt	Fine-med grained, mod oxidized
80.00	81.70	Sheared metabasalt	Intense gouge, mod. Oxidized
81.70	82.30	Sheared metabasalt	Banded replacement-style pyrite +/- arsenopyrite
82.30	83.90	Sheared metabasalt	Intense gouge
83.90	85.30	Brecciated ultramafic	Siliceous matrix; mod oxidized
85.30	89.70	Brecciated ultramafic	Increased oxidation, late chalcedonic veins
89.70	92.30	Brecciated ultramafic	Somewhat weaker brecciation
92.30	92.80	Metabasalt	Gouge, 6-7% quartz stockwork
92.80	95.90	Metabasalt	Moderately oxidized; banded quartz
95.90	96.70	Metagranite	Coarse grained, foliated
96.70	98.90	Metabasalt	Fine grained, strongly foliated
98.90	101.70	Metabasalt	Weakly foliated
101.70	102.90	Metabasalt	Strongly foliated and oxidized
102.90	104.00	Metabasalt	F grained, mod epidote alteration
104.00	105.00	Metabasalt	Strongly oxidized
105.00	108.50	Metabasalt	Weakly foliated
108.50	104.50	Feldspar porphyritic monzonite	Original fabric almost obliterated; incl. mafic volcanic bands
104.50	111.70	Feldspar porphyritic monzonite	Quartz, silica-enriched section
111.70	114.20	Feldspar porphyritic monzonite	Diminishing oxidation with depth
114.20	116.20	Metabasalt skarn	Mod foliated, strongly oxidized.
116.20	119.20	Metabasalt	Fine grained, weakly - mod foliated
119.20	120.80	Metabasalt	Mod-strong shear fabric
120.80	124.10	Metabasalt	Weakly hornfelsed, moderately foliated
124.10	125.80	Feldspar porphyritic monzonite	Dyke; intercalated with strongly altered metabasalt
125.80	129.30	Metabasalt	Mod calc-sil alteration
129.30	131.30	Metabasalt	Mod oxidation and carbonate alteration
131.30	132.90	Metabasalt	Intermittent weak mylonitic banding
132.90	134.40	Metabasalt	Mod-strongly fractured and oxidized interval
134.40	134.90	Metabasalt	Strongly silicified and finely banded
134.90	137.90	Metabasalt	Mod foliated and variably oxidized
137.90	140.00	Metabasalt	Moderately foliated

140.00	143.90	Metabasalt	Mod foliated and variably oxidized
143.90	145.90	Metabasalt	Local mariposite, assoc with small dykes?
145.90	149.50	Feldspar porphyritic monzonite	Dyke, strongly silicified, brecciated, late silica matrix
149.50	153.90	Metabasalt	Strongly foliated, clay-altered; almost gouge
153.90	155.90	Metabasalt	Mod foliated, bleached
155.90	157.70	Sheared metabasalt	Strongly foliated, banded pink felsite; includes gouge
157.70	158.30	Sheared metabasalt	Mod sheared. Banded pyrite
158.30	159.30	Sheared metabasalt	Grey pyritic vein from 158.9 - 159.3m
159.30	162.30	Metabasalt	Fine-med grained, mod foliated
162.30	163.10	Ultramafic Dyke	Strong crosscutting quartz veins
163.10	164.30	Sheared metabasalt	Early brecciation and silica injection
164.30	165.40	Gouge in metabasalt	Strong argillic alteration
165.40	169.10	Metabasalt	Mod-strong foliation
169.10	169.80	Brecciated metabasalt	Multi-episodic breccia, quartz then white qz veining
169.80	171.40	Metabasalt	Fine grained, weakly foliated
171.40	172.25	Mylonitic metabasalt	Strongly foliated and silicified
172.25	176.10	Mylonitic metabasalt	Variably mylonitic banding
176.10	176.90	Mylonitic metabasalt	Mod-strongly fractured, silica and clay-altered
176.90	178.40	Brecciated metabasalt	Silica rehealing of early brecciation
178.40	179.10	Brecciated ultramafic	Mod-strong limonite, carb alteration
179.10	179.40	Brecciated ultramafic	Almost black mylonitic zone
179.40	180.80	Brecciated ultramafic	Increasingly sheared with depth
180.80	184.60	Metagranite	Mod limonitic, bleached
184.60	187.30	Metagranite	Bleached, intercalated with minor dykes?
187.30	189.30	Quartz-pyrite vein	Banded grey quartz, massive pyrite bands
189.30	190.60	Gouge in metabasalt	Strongly fractured to gouged
190.60	193.00	Metabasalt	Mod foliated, weakly banded
193.00	195.60	Metabasalt	Increased silica alteration and mylonitic fabric
195.60	197.90	Brecciated metabasalt	Med-coarse grained, bleached
197.90	201.90	Brecciated metabasalt	Strongly, variably brecciated
201.90	203.90	Brecciated metabasalt	Strongly fractured banded metabasalt
203.90	208.00	Brecciated metabasalt	Mid-stage fracturing
208.00	209.60	Brecciated metabasalt	30% felsite-quartz veining
209.60	213.60	Gouge in metabasalt	Multi-episodic brecciation, strong silicification
213.60	215.00	Gouge in metabasalt	Strong argillic alteration
215.00	216.50	Ultramafic (Pyroxenite)	Brecciated, near-gouge at contact
216.50	219.70	Ultramafic (Pyroxenite)	Unoxidized to weakly oxidized
219.70	221.90	Ultramafic (Pyroxenite)	Mod-strongly limonitic, oxidized
221.90	223.10	Ultramafic (Pyroxenite)	Strong late quartz-limonite veining
223.10	225.20	Ultramafic (Pyroxenite)	Mylonitic, banded to irregular fabric
225.20	226.10	Metabasalt	F grained, strongly hematitic
226.10	227.20	Metabasalt	Brecciated, siliceous fragments
227.20	228.20	Metabasalt	Strongly fractured
228.20	234.80	Metabasalt	Mod-strong late fracturing, strong foliation

SG-09-34: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = Weak, 3 = Strong

From	To	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite	Hornfels	Other
(m)	(m)													
7.60	11.60		1	1	2									
11.60	14.60		2	1	2–3									
14.60	16.00			1	1									
16.00	19.10	2	1	1	2									
19.10	24.10	1	1		2	1								
24.10	25.20	1	1	1	1									
25.20	27.20		2		3									
27.20	27.70		3		3									
27.70	34.60	1–2	1	1	1									
34.60	38.60		1	1	1									
38.60	42.00	1	1–2		2									
42.00	44.00	1	1	1	1									
44.00	45.80			1										
45.80	48.70	1	2	2	1	1								
48.70	50.20			1		2								
50.20	52.20			2	1	2								
52.20	54.50			1	2									
54.50	58.20	1–2		2		1								
58.20	60.00					1		1						
60.00	65.50			2		1–2								
65.50	71.10	1–2		1	2	1								
71.10	81.70		1	2	2									
81.70	82.30	1		2	2									
82.30	83.90	1	3		3	1								
83.90	85.30	2			2									
85.30	89.70	2			3									
89.70	92.30	2			2						2			
92.30	92.80	2	2	2										
92.80	95.90	1		2	2									
95.90	96.70	1		1							2			
96.70	98.90	2	1		1						2			
98.90	101.70					1		1						
101.70	102.90	1									2			pink? 3
102.90	104.00	1				1								
104.00	105.00	1	2		3									
105.00	108.50				1			1						
108.50	104.50	2			3									
104.50	111.70	2	1		3									
111.70	114.20	2	2–3		1	1								
114.20	116.20	2			3	2								
116.20	119.20	1						1						
119.20	120.80				1		1				2			
120.80	124.10	1				1			2					
124.10	125.80	2	1		1						2			
125.80	129.30	1				1		1–2						
129.30	131.30		1	1	2									
131.30	132.90	1			2		1				1			
132.90	134.40	1–2	2		2									
134.40	134.90	3			1									
134.90	137.90	2		2	2									
137.90	140.00			1			1		2					
140.00	143.90	1–2	1	1	1									
143.90	145.90	2	1		2									
145.90	148.20	2	2	1	1									
148.20	149.90		3	1										
149.90	153.90	1	1	1	1									
153.90	156.60	1	2	2										
156.60	157.70	2									2			
157.70	158.30	3	1	1										
158.30	159.30	3												
159.30	162.30		1–2	1										
162.30	163.10	2									3			
163.10	164.30	2	2	2							1			
164.30	165.40	3		1										
165.40	169.10		1–2	2										
169.10	169.80	2			3	1								
169.80	171.40		1–2	1				1						
171.40	172.25	2–3		1								1		
172.25	176.10	1–2		1							1			
176.10	176.90	2	2	1				1						

176.90	178.40	2	2	2										
178.40	179.10	2			2									
179.10	179.40					2			3					
179.40	180.80									2	2			
180.80	184.60	1–2	2		2	1								
184.60	187.30	2	2		1	1								
187.30	189.30	3									1			
189.30	190.60	1	3	1							1			
190.60	193.00	2	1–2	1										
193.00	195.60	2	1								2			
195.60	197.90	1	2	1							1			
197.90	201.90	2	2	2								2?		
201.90	203.90	2	2	2										
203.90	208.00	2	2	2							1			
208.00	209.60	2	1	1		1								
209.60	213.60	2–3		1	3	2								
213.60	215.00	1	3		2	1								
215.00	216.50	2	1			1								
216.50	219.70	2			2						2			
219.70	221.90	1			2	1								
221.90	223.10	1			3						1			
223.10	225.20	2		1	2						3			
225.20	226.10	2		1	3									
226.10	227.20	2		1	2									
227.20	228.20			3										
228.20	234.80	1–2	1	2	2									

SG-09-34: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Magnetite (mag)	Hematite (hem)	Azurite (az)	Malachite (mal)	Bornite (bor)
7.60	11.60	3										
11.60	14.60	>1										
14.60	16.00	2										
16.00	19.10	3										
19.10	24.10	3										
24.10	25.20	2										
25.20	27.20	4										
27.20	27.70	4										
27.70	34.60	4										
34.60	38.60	3										
38.60	42.00	4										
42.00	44.00	4										
44.00	45.80	4										
45.80	48.70	<1										
48.70	50.20	1										
50.20	52.20	3										
52.20	54.50	2										
54.50	58.20	<1										
58.20	60.00	4										
60.00	65.50				trace							
65.50	71.10	6										
71.10	81.70	4										
81.70	82.30	15					trace?					
82.30	83.90	3										
83.90	85.30	6										
85.30	89.70	6								trace	trace	trace
89.70	92.30	7										
92.30	92.80	3										
92.80	95.90	6		trace								
95.90	96.70	2						3				
96.70	98.90	4	<1	trace								
98.90	101.70	2	2	trace								
101.70	102.90	<1										
102.90	104.00	1	>1									
104.00	105.00	4										
105.00	108.50	2	trace									
108.50	104.50	7							moderate			
104.50	111.70	6							weak			
111.70	114.20	6										
114.20	116.20	7										
116.20	119.20	3					trace					
119.20	120.80	<1										
120.80	124.10	1										
124.10	125.80	8										
125.80	129.30	1	5	trace								
129.30	131.30	3										
131.30	132.90	>1										
132.90	134.40	3										
134.40	134.90	4										
134.90	137.90	4										
137.90	140.00	3										
140.00	143.90	6			trace	trace						
143.90	145.90	5										
145.90	148.20	8			<1	<1						
148.20	149.90	5										
149.90	153.90	6										
153.90	155.90	6										
155.90	156.60	7										
156.60	157.70	5										
157.70	158.30	20										
158.30	159.30	15										
159.30	162.30	6		trace								

162.30	163.10											
163.10	164.30	6		trace								
164.30	165.40	15		trace								
165.40	169.10	4		trace								
169.10	169.80	3										
169.80	171.40	<1										
171.40	172.25	7		trace								
172.25	176.10	6										
176.10	176.90	6										
176.90	178.40	5										
178.40	179.10	2										
179.10	179.40											
179.40	180.80	trace										
180.80	184.60	4										
184.60	187.30	6										
187.30	189.30	30										
189.30	190.60	8										
190.60	193.00	4										
193.00	195.60	2										
195.60	197.90	7										
197.90	201.90	8		<1			<1					
201.90	203.90	10					trace					
203.90	208.00	12					trace					
208.00	209.60	6										
209.60	213.60	8										
213.60	215.00	4										
215.00	216.50	2										
216.50	219.70	trace						3				
219.70	221.90							2				
221.90	223.10	3										
223.10	225.20	>1										
225.20	226.10	2										
226.10	227.20											
227.20	228.20	<1										
228.20	234.80	>1										

SG-09-34: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From	To	Upper Contact	Lower Contact	Gneissosity	Fracture 1	Vein 1	Vein 2	Shear	Fault	Breccia
(m)	(m)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)			
7.60	14.60			51						
13.70	14.60			68	late fracturing				gouge zone	
14.60	70.80			65						
25.20	27.20								47 (gouge)	
27.20	28.60							39		
70.80	42.90			51						
35.30								50		
40.50						cross-cutting veins		56		
42.90	44.80			55						
44.80	47.70			57						
47.70	53.20			39						
48.70		60								
21.70								42		
53.20	58.20			54		40				
54.50		51								
58.20			48							
58.20	61.50			48						
61.50	65.50			45						
60.50	60.70									
65.10	65.50					77				
65.30	69.70			77						
65.50			45							
69.70	81.00			39						
80.00	83.90							sheared		
81.30			46						gouge	
81.00	96.20			63						
83.90			38							
83.90	85.30					QV	stockwork		dextral offset of QV	
85.30	89.70				43					
89.70		53							gouge	
92.30			59							
92.30	92.80				fracturing				gouge	
93.00	93.20					43				
96.20	98.00			65						
97.00	97.10									breccia zone
98.00	118.80			52						

101.00								42		
104.80	105.00					banded veins				
108.50		53 (opposite to fol)								
114.20			52							
114.20	116.20					cross-cutting veins				
116.20			56							
118.80	123.20			53						
119.20	120.80							58	gouge	
122.20	123.00				late fracturing					
123.20	136.90			66						
131.30	132.90							60	mylonitic banding	
134.40		45								
136.90	138.70			58						
138.70	141.70			60						
141.70	153.00			58						
143.90	145.90							56		
145.90	146.20					veins				
147.00	149.50					46				
153.00	155.30			40						
155.30	161.70			28						
155.90	158.30							sheared		
155.90	156.60					cross-cutting veins	pink vein			
156.60	157.70									strongly brecciated
156.60		33							gouge	
157.70	158.10					33				
158.30	159.30					52				
161.70	164.40			57						
162.30		48								
163.10	164.30							sheared		
163.80	164.30									early brecciation
164.40	167.00			68						
164.30	165.40								gouge	
167.00	172.10			65						
170.40									30	
172.10	172.25					49				
172.10	183.40			49						
172.25	176.10							38	mylontic	
176.40	178.40					veins				early brecciation
178.40	180.80								mylonitic	mid-late brecciation
179.10	179.40							60	mylonitic	
179.40	180.80							73		
180.80		58								
183.40	184.50			57						
184.50	192.80			65						

187.70	189.30					56				
189.30	190.60								gouge	
192.80	195.70			71						
194.30	195.60							80	mylonite	
195.60	209.60									strongly brecciated
195.70	203.10			62						
196.00	196.25					veins				
197.90	201.90					43				strongly, variably brecciated
197.90	198.10							53	gouge	
199.50	199.80								gouge	
203.10	229.70			52						
203.90	208.00					41 (bands)				
208.00	209.60									early brecciation
209.60	213.60							43	gouge	multi-episodic brecciation
214.10	214.90	40							gouge	
215.00		22								
220.80	221.00							41		
221.50								54	mylonite	
223.10	225.20							68	mylonite	
225.20		71			fractured throughout interval					
225.20	226.20					cross-cutting				
226.20	227.20					late veins				brecciated
227.20	238.20				strongly fractured					
229.70	231.40			45						
231.40	234.80			38						

SG-09-35: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
4.60	7.70	Metagranite	Med-coarse grained, weakly oxidized
7.70	10.00	Metagranite	Weak shear, mod silicified
10.00	13.40	Metagranite	Mod-strongly foliated, weakly oxidized
13.40	14.60	Metagranite	15% banded to boudined quartz veins
14.60	16.30	Metabasalt	Med grained, mod foliated, foliation parallel qz veins
16.30	16.80	Metabasalt	Small shear
16.80	22.60	Metabasalt	Med grained, mod foliated
22.60	26.10	Metagranite	Mod foliated
26.10	27.40	Metabasalt	Med grained, mod foliated, oxidized
27.40	28.30	Metabasalt	Unbleached, minor limonite
28.30	31.40	Metabasalt	Mod foliated, 5% late quartz veins
31.40	34.00	Metagranite	Med - coarse grained, weakly oxidized
34.00	36.60	Metagranite	Weakly bleached
36.60	40.50	Metagranite	Slight increase in oxidation
40.50	42.50	Metagranite	Mod early silicification, fine quartz stockwork
42.50	43.80	Metagranite	Mod early fracturing and silicification
43.80	44.70	Metagranite	25% white quartz veins
44.70	49.70	Metagranite	Mod-strongly foliated
49.70	51.70	Metagranite	Increase in phyllic alteration
51.70	53.30	Metagranite	5% foliation-controlled quartz veins
53.30	55.70	Metabasalt	Med. Grained; 20% grey-tan quartz veins
55.70	58.30	Metagranite	Possibly intercalated with metabasalt
58.30	59.20	Ultramafic: Pyroxenite	Olive-tan, fine grained, weakly foliated
59.20	61.20	Ultramafic: Pyroxenite	Strongly sheared, two episodes of quartz veining
61.20	62.10	Ultramafic: Pyroxenite	Green-black, 5% late calcite veinlets
62.10	64.10	Metadiorite	Medium grained, strongly bleached
64.10	68.40	Metadiorite	Coarse grained, foliated
68.40	69.00	Metadiorite	Small mafic dyke
69.00	72.50	Metadiorite	Strongly bleached, increasingly fractured with depth
72.50	76.00	Metadiorite	Foliated, fine grained
76.00	78.90	Metabasalt	Fine grained, mod foliated
78.90	85.40	Feldspar Porphyritic Monzonite	25-30% Fspar phenocrysts, f. grained groundmass
85.40	88.30	Metabasalt	Fine grained, bleached
88.30	92.90	Metabasalt	Mod-strongly bleached
92.90	94.10	Metabasalt	35% banded white qz veins
94.10	98.7	Metabasalt	Med grained, mod foliated
98.7	99.9	Metabasalt	Shear zone; gouge and qz-arsenopyrite vein
99.9	103.3	Metabasalt	Mod-strongly foliated
103.3	106.2	Metabasalt	Fine grained, weakly hornfelsed
106.2	108.00	Mylonitic metabasalt	Strong shear foliation; 8-10% mylonitic bands
108.00	111.60	Mylonitic metabasalt	Very strong mylonitic fabric, mostly gouge
111.60	112.40	Feldspar Porphyritic Monzonite	Dyke: Mod-strongly sheared, blebby pyrite
112.40	113.40	Feldspar Porphyritic Monzonite	Mod oxidized, blebby replacement-style pyrite
113.40	115.20	Metabasalt	25% FP Monzonitic dykes, pyritic
115.20	116.00	Mylonitic dyke	Fine grey mylonitic dyke
116.00	118.70	Metagabbro	Massive, minor banded FP Monzonite stringers

118.70	119.70	Metabasalt	Mod foliated, calc-sil alteration
119.70	120.70	Feldspar Porphyritic Monzonite	Dyke; med-coarse grained
120.70	121.70	Metabasalt	2-3% felsite dykes
121.70	122.50	Metabasalt/ FP Monz Dykes	20% cm-scale dykes
122.50	123.30	Ultramafic	Strong mylonitic texture
123.30	124.10	Metabasalt/ FP Monz Dykes	10% silicified zones
124.10	126.80	Metabasalt/ FP Monz Dykes	8% cross-cutting and foliation parallel FP Monz dykes
126.80	127.10	Feldspar Porphyritic Monzonite	Dyke: Zone of nearly massive arsenopyrite
127.10	124.10	Feldspar Porphyritic Monzonite	Banded variable silicification and dark pyrite
124.10	130.00	Metabasalt	Strong ankeritic alteration
130.00	132.00	Metabasalt	Mod bleached, strongly foliated
132.00	135.80	Metabasalt	Fine grained, weakly hornfelsed
135.80	140.90	Metabasalt	Strongly bleached and foliated
140.90	143.30	Metabasalt	Banded calc-silicate alteration
143.30	144.30	Metabasalt	Mod bleached, strongly foliated
144.30	147.60	Metabasalt	Moderately bleached
147.60	149.80	Metabasalt	Weak calc-silicate alteration
149.80	151.20	Metabasalt	15% quartz-"felsite" veins
151.20	153.20	Metabasalt	Unbleached, med-fine grained
153.20	155.00	Metabasalt	Mod-strongly bleached
155.00	160.20	Sheared metabasalt	Local gouge zones, intermittent brecciation
160.20	162.10	Metabasalt	Fine - med grained, unbleached section
162.10	167.10	Metabasalt	Variably bleached
167.10	168.80	Metabasalt	Almost unbleached, mod chloritic
168.80	171.70	Metabasalt	Mod-strongly bleached
171.70	173.40	Metabasalt	Almost unbleached
173.40	174.80	Metabasalt	Mod-strongly bleached
174.80	177.80	Metabasalt	Unbleached to weakly bleached
177.80	182.90	Metabasalt	Mod-strongly bleached
182.90	185.10	Metabasalt	Largely unbleached; mod foliated
185.10	186.00	Brecciated metabasalt	Strong early brecciation and silica "rehealing"
186.00	187.30	Brecciated metabasalt	Intermittent breccia zones
187.30	192.10	Brecciated metabasalt	Strong, variable early brecciation
192.10	193.50	Brecciated metabasalt	Intermittent narrow gouge zones
193.50	194.10	Brecciated metabasalt	Banded marble and epidote
194.10	195.00	Brecciated metabasalt	Banded weak silicification
195.00	196.80	Brecciated metabasalt	Intermittent gouge, calcite infilling
196.80	203.50	Metabasalt	Fine grained, small marble units
203.50	205.80	Metabasalt	Moderate late fracturing
205.80	212.10	Metabasalt	Weak gneissic texture and brecciation
212.10	213.40	Sheared metabasalt	Banded quartz and mariposite
213.40	218.80	Metabasalt	Fairly pristine, mod banded epidote
218.80	220.50	Metabasalt	Weakly banded epidote-calcite alteration
220.50	224.10	Metabasalt	Mod late fracturing

SG-09-35: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite	Hornfels	Serpentinized	Talc
4.60	7.70	1	1	2	1	1									
7.70	10.00		2	1	2	1–2									
10.00	13.40	1	1	2	1										
13.40	14.60	1	2	1	2										
14.60	16.30	1	1	2	2										
16.30	16.80	1–2		2	3										
16.80	22.60	1	1	2	1										
22.60	26.10	1		2–3	1										
26.10	27.40	1	1	2	2										
27.40	28.30	1				1									
28.30	31.40	1	1–2	2–3	2	1									
31.40	34.00	1–2	1	1	1										
34.00	36.60	1		1											
36.60	40.50	1		2	1										
40.50	42.50	2	1	1	2										
42.50	43.80	1–2	1	1											
43.80	44.70	1	1	2	1	1									
44.70	49.70	1–2		1	1										
49.70	51.70	1–2		2	2										
51.70	53.30	1		1	1										
53.30	55.70	2	1	2	2										
55.70	58.30		1	1	2–3										
58.30	59.20				1		1								
59.20	61.20	2			1		2								
61.20	62.10					1	2								
62.10	64.10	2	1	2–3		1									
64.10	68.40	2		1		1									
68.40	69.00						2								
69.00	72.50	2	1	2		2									

72.50	76.00	1		2	1										
76.00	78.90			1		2	1								
78.90	85.40	1	1			1–2									
85.40	88.30	1	1	1–2		1									
88.30	92.90	1	1–2	2											
92.90	94.10	1		2		1									
94.10	98.7	1	1	2		1		1							
98.7	99.9	2		3											
99.9	103.3	1–2		2											
103.3	106.2	1		1			1								
106.2	108.00	1	1	2											
108.00	111.60	1	3	2			2								
111.60	112.40	2	2			1									
112.40	113.40	2	1		2										
113.40	115.20	1			1	2		2							
115.20	116.00	1									3				
116.00	118.70					2		1							
118.70	119.70			1		2–3		2							
119.70	120.70	2			1										
120.70	121.70							1							
121.70	122.50	1				1–2		2							
122.50	123.30	1												3	
123.30	124.10	1		2	2										
124.10	126.80	1–2	1	1–2	2										
126.80	127.10	3													
127.10	124.10	3	2		2										
124.10	130.00	2	1	2	2	1									
130.00	132.00	1	1	1–2											
132.00	135.80	1	1	1–2					1				weak		
135.80	140.90	1–2	1	1											1
140.90	143.30	1				3		2							
143.30	144.30	1	1	2											
144.30	147.60	1	1	2											
147.60	149.80	1	1	1		1									
149.80	151.20	1					2								
151.20	153.20					2		1							
153.20	155.00	1	1	1				1							
155.00	160.20	1	1	2											
160.20	162.10		1	1											

162.10	167.10	1	1–2	1											
167.10	168.80			1			2								
168.80	171.70	1	1	1											
171.70	173.40					1	1								
173.40	174.80	1–2	1												
174.80	177.80		1				1								
177.80	182.90	1	1	2											
182.90	185.10			1		1	1								
185.10	186.00	2				3	2			2					
186.00	187.30	1	1			2	1			1					
187.30	192.10	2				2–3	2								
192.10	193.50			1			2								
193.50	194.10	1		1		2	1								
194.10	195.00	1				1–2				1		1			
195.00	196.80	1	2			3	1								2
196.80	203.50						1			1					
203.50	205.80					2	2								
205.80	212.10					1–2	1								
212.10	213.40	2					2				3				
213.40	218.80	1–2				2				1–2		1			
218.80	220.50					1	1			1					
220.50	224.10					1				1					

SG-09-35: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)
4.60	7.70	>1						
7.70	10.00	2	trace					
10.00	13.40	>1						
13.40	14.60	2						
14.60	16.30	2						
16.30	16.80	<1						
16.80	22.60	>1						
22.60	26.10	<1						
26.10	27.40							
27.40	28.30	<1						
28.30	31.40	>1						
31.40	34.00	1					trace	
34.00	36.60	>1						
36.60	40.50	1						
40.50	42.50	4						
42.50	43.80	2						
43.80	44.70	2					trace	
44.70	49.70	3				trace		
49.70	51.70	1						
51.70	53.30	3–4						
53.30	55.70	4						
55.70	58.30	3		trace			trace	
58.30	59.20							
59.20	61.20	2						
61.20	62.10	2						
62.10	64.10	3						
64.10	68.40	>1						
68.40	69.00	2						
69.00	72.50	3						
72.50	76.00	2		trace				
76.00	78.90	3					trace	
78.90	85.40	7					trace	
85.40	88.30	4		trace			trace	
88.30	92.90	3		trace			trace	
92.90	94.10	4						
94.10	98.7	3					trace	
98.7	99.9	3		trace		trace		
99.9	103.3	5					trace	
103.3	106.2	4						
106.2	108.00	4						
108.00	111.60	10		trace				
111.60	112.40	10						
112.40	113.40	8						
113.40	115.20	6	1	<1				

115.20	116.00	>1						
116.00	118.70	2	trace					
118.70	119.60							
119.60	120.70	2	4	trace				
120.70	121.70	<1	trace					
121.70	122.50	2	5	trace				<1
122.50	123.30	2						
123.30	124.10	<1	trace					
124.10	126.80	7	2	trace				
126.80	127.10	>1				70		
127.10	124.10	10	>1			<1		
124.10	130.00	1						
130.00	132.00	6						
132.00	135.80	6						
135.80	140.90	6	<1	trace				
140.90	143.30	2		trace				
143.30	144.30	5		trace				
144.30	145.50	1		trace				
145.50	147.60	5	<1	trace				
147.60	149.80	5	>1	trace				
149.80	151.20	2	<1	trace				
151.20	153.20	trace	trace					
153.20	155.00	4		trace				
155.00	160.20	8		trace				
160.20	162.10	1						
162.10	167.10	4						
167.10	168.80	<1	trace	trace				
168.80	171.70	5						
171.70	173.40	<1						
173.40	174.80	3						
174.80	177.80	2						
177.80	182.90	4						
182.90	185.10	1						
185.10	186.00	6		trace				
186.00	187.30	3						
187.30	192.10	<1						
192.10	193.50	<1						
193.50	194.10							
194.10	195.00	<1						
195.00	196.80	2						
196.80	203.50							
203.50	205.80							
205.80	212.10							
212.10	213.40	4	>1	trace			trace	
213.40	218.80	2	1	trace				
218.80	220.50	<1						
220.50	224.10	<1						

SG-09-35: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia
4.60	14.60				48						
14.60	22.60			56		late fracturing					
16.30	16.80						44		shear		
16.80	22.60			62			62				
22.60	26.10				64						
26.10	31.40			64							
27.40	28.30						late veins				
28.30	28.50								65		
31.40	35.90				68						
35.90	39.40				70						
39.40	40.50				74		74				
42.30	53.30				55						
43.80	44.70						veins	cross-cutting stringers			
47.10	53.30				73						
49.70	49.90								47		
53.30	55.70			54							
55.70	58.30				54		69				
58.30	62.10			54							
58.30		31									
59.20			61								
61.20			30								
61.20	62.10						veinlets				
	62.10		40								
62.10	66.30				51						
66.30	74.50				42						
68.40			45								
72.35	72.50								53	gouge	
74.50	76.00				45						
76.00		41							shearing		

78.90		36							shearing		
85.40	92.90			56							
88.30	92.90			33			33				
92.90	94.10						36				
96.20	98.70			39							
98.70	99.90	106.2		41					48	gouge	
102.00	103.90			45							
103.90											
106.20	108.00								63	mylonitic	
108.00	111.60								37	strong mylonitic fabric	
111.60										gouge	
115.20	116.00									mylonitic	
115.20	115.40						60				
118.70	119.60			62							
119.60		43									
122.50	123.30								56	mylonitic texture	
124.10	126.80			64							
126.80		52									
127.10	129.10				64						
130.00		59									
130.00	132.00			48			48				
133.00	134.00						35				
135.80	140.90			37			37				
140.20	140.60							25			
141.70	145.90			48							
145.90	147.70			54							
146.40	146.70					late fracturing					
147.70	159.30			58							
149.80	151.20					late fractures	47	cross-cutting			
151.20	153.20								55		
153.20	155.00						veinlets				
155.00	160.20								sheared		
155.00	155.40									gouge zone	
155.50	156.00								31		
156.00	156.20									gouge zone	
154.90	160.20	43									breccia zone
158.30				57							

161.90	162.10								51	mylonitic	
164.20									54		
165.10		43									
166.90									52		breccia
171.80						35					
173.80	174.20						35				
175.80	176.20								49		
177.80	182.90			58							
184.40	185.10								68	Mylonite	
185.10	196.80										brecciated
187.30	187.40								37		
188.70	192.10			52							
191.60	191.70								47		
192.10	193.50								70	gouge	
194.10	195.00						62	(bands)			
195.00	196.80								55	intermittent gouge	
196.80	203.50						67	(bands)			
205.80	212.10			60			60	(bands)			
212.10	213.40						68	(bands)	sheared		
216.00	218.80			72			72				
218.80	220.50			71							
220.50	224.10			72		late fractures	late veins				

SG-09-36: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
5.20	12.40	Metagranite	Med-coarse grained, weak-mod oxidation
12.40	14.10	Metagranite	Banded white quartz veins
14.10	17.00	Metagranite	Moderately bleached, mod late fracturing
17.00	18.30	Metagranite	Mod late fracturing
18.30	22.10	Metabasalt	Med grained, mod foliated, oxidized
22.10	25.60	Metagranite	Coarse grained; strongly bleached
25.60	26.70	Metagranite	Late fracturing; weakly oxidized
26.70	29.10	Metadiorite	Med grained, possible metabasalt
29.10	31.70	Metagranite	Med grained, strongly bleached
31.70	33.20	Metabasalt	Med grained, mod foliated, weak limonite
33.20	39.60	Metagranite	Med-coarse grained, bleached
39.60	55.20	Metagranite	Med-coarse grained, bleached
55.20	57.40	Metagranite	Strongly bleached
57.40	58.20	Metagranite	Strong oxidation, centered on banded polymetallic vein
58.20	64.30	Metagranite	Coarse grained, strongly bleached
64.30	65.40	Metagranite	Weak banded bleaching, weak hornfelsing
65.40	66.00	Metagranite	Massive white quartz vein
66.00	71.00	Metagranite	Strongly bleached, mod late fracturing
71.00	72.20	Sheared metabasalt	Metagranite? 20% Qz-"felsite" veins
72.20	72.90	Metabasalt	Mod - strong late fracturing
72.90	76.10	Metabasalt	Strongly bleached, mod foliated, med grained
76.10	77.20	Metabasalt	Increase in late fracturing, argillic alt
77.20	80.00	Metabasalt	Strong late fracturing
80.00	81.60	Metabasalt	Possible metagabbro? Intercalated fine and med grained sections
81.60	84.40	Metabasalt	Med grained, mod foliated
84.40	85.40	Metabasalt	Brassy unoxidized pyrite
85.40	89.00	Metabasalt	Fine grained, weak-mod foliation
89.00	92.50	Brecciated metabasalt	Late, ductile deformation, small metadiorite units
92.50	93.80	Brecciated metabasalt	Strong late (shear?) foliation
93.80	96.80	Metagranite	Possible coarse metabasalt, strongly bleached
96.80	102.40	Feldspar Porphyritic Monzonite	Dyke: 35% feldspar porphyries, massive groundmass
102.40	103.90	Intermediate dyke	Very fine grained, includes pink calcite veining
103.90	104.50	Metagranite	Coarse grained metabasalt?
104.50	106.60	Metabasalt	Fine grained, mod foliated
106.60	109.60	Metagranite	Coarse grained metabasalt? Strongly foliated
109.60	111.30	Intermediate dyke	Massive, very fine grained
111.30	116.50	Metabasalt	Coarse grained (metagabbro?) late calcareous fracturing
116.50	126.50	Metabasalt	Coarse grained, strongly bleached
126.50	127.30	Metabasalt	20% coarse Py +/- chalcopyrite clots
127.30	129.00	Metabasalt	Mod foliated, med grained
129.00	130.70	Metabasalt	Fine grained, weak - mod foliated
130.70	132.40	Metabasalt	Strong phyllic alteration, med grained
132.40	134.75	Gouge in Metabasalt	Strongly developed gouge, clay alt in matrix
134.75	136.40	Gouge in Metabasalt	Multi-staged brecciation, less developed gouge
136.40	137.20	Gouge in Metabasalt	Pyritic gouge, locally banded
137.20	139.80	Gouge in Metabasalt	Almost complete pink felsite-calcite alteration
139.80	145.00	Metabasalt	Fine grained, mod foliated, strongly bleached
145.00	151.60	Metabasalt	Mod-strongly foliated, strongly bleached
151.60	154.50	Metabasalt	F-med grained, moderate variable hornfelsing
154.50	157.60	Metabasalt	Select bands (beds?0 calcareous

157.60	159.50	Metabasalt	F grained, weak chlorite alt
159.50	161.50	Metabasalt	Med grained, late fracturing
161.50	165.50	Metabasalt	Fine grained, weakly bleached - unbleached
165.50	167.50	Metabasalt	Mod bleached, weak mariposite
167.50	168.10	Metabasalt	Banded, strongly bleached
168.10	169.30	Metabasalt	Mod banded metabasalt, 2-3% Qz-pyrite
169.30	171.60	Metabasalt	5-6% Quartz +/- pyrite veins
171.60	174.50	Brecciated metabasalt	Strong late fracturing
174.50	175.30	Brecciated metabasalt	Gouge, argillically altered matrix
175.30	177.60	Brecciated metabasalt	Mod-strong late fracturing
177.60	178.20	Brecciated metabasalt	Med grained, decreasing bleasching
178.20	179.70	Metabasalt	Med grained, mod foliated
179.70	182.90	Metabasalt	Some late pink "felsite" veins

SG-09-36: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite
5.20	12.40	1		1	1	1					
12.40	14.10	1			2						
14.10	17.00			1–2	1	1					
17.00	18.30	1		1	2						
18.30	22.10	1		1	2						
22.10	25.60	1–2		1							
25.60	26.70	1		2	2						
26.70	29.10			1	1	1					
29.10	31.70	1–2		2							
31.70	33.20			1	2	1					
33.20	39.60	1		1–2		1–2					
39.60	55.20	1		1–2	1						
55.20	57.40	1	2			1					
57.40	58.20	2		1	2						
58.20	64.30	1		2							
64.30	65.40			1		1	1				
65.40	66.00	2	1	2–3							
66.00	71.00	1	1–2	2		1					
71.00	72.20	2	1–2	2		1					
72.20	72.90	2	2	2		1					
72.90	76.10	1	1	2		1					
76.10	77.20	1	2	1		1					
77.20	80.00	2		1		1	1				
80.00	81.60	1				2	1				
81.60	84.40	1				1				1	
84.40	85.40	1				2	1				
85.40	89.00					2	1–2			1	
89.00	92.50					2–3	2				
92.50	93.80	1				3	2			2	
93.80	96.80	1	2	2		2					
96.80	102.40	1	1–2	1		1					
102.40	103.90					1	1				
103.90	104.50	1	1	2		1					
104.50	106.60					1	2				
106.60	109.60	1	2	2–3		1					
109.60	111.30					1	1				
111.30	116.50	1	2	2		1					
116.50	126.50	1–2	1	3		1					
126.50	127.30	2		2							
127.30	129.00	1	1	2		1					
129.00	130.70			1		2–3	1				
130.70	132.40	1	1	2		1					
132.40	134.75	2	3			3					
134.75	136.40	3				2					
136.40	137.20	2	2			3					
137.20	139.80	2		1		3					1
139.80	145.00	1		2							
145.00	151.60	1–2		1–2							
151.60	154.50	1–2	1	1		2					
154.50	157.60		1–2	2		1					
157.60	159.50		1	2		1	1				
159.50	161.50	1	2	2							
161.50	165.50	1					2				

165.50	167.50	1	1	1–2							
167.50	168.10	1	1	1–2			2				
168.10	169.30	1		1					1		
169.30	171.60	1–2		1		1			2		
171.60	174.50	1	1	2							1
174.50	175.30	1	2	1							1
175.30	177.60		1	1			1				
177.60	178.20			1		1	1				
178.20	179.70					1	1				
179.70	182.90					1–2	1				

SG-09-36: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Bornite (bor)
5.20	12.40	2							
12.40	14.10	3							
14.10	17.00	>1							
17.00	18.30	1							
18.30	22.10	2		<1			trace		trace
22.10	25.60	2							
25.60	26.70	2							
26.70	29.10	trace					trace		
29.10	31.70	1							
31.70	33.20	3							
33.20	39.60	>1						trace	
39.60	55.20	2							
55.20	57.40	2							
57.40	58.20	4		trace		<1		trace	
58.20	64.30	>1							
64.30	65.40	>1							
65.40	66.00	6		trace				trace	
66.00	71.00	2		trace	trace	<1			
71.00	72.20	3							
72.20	72.90	>1							
72.90	76.10	3							
76.10	77.20	3		trace					
77.20	80.00	3							
80.00	81.60	2							
81.60	84.40	1							
84.40	85.40	>1							
85.40	89.00	>1							
89.00	92.50	2							
92.50	93.80	2–3							
93.80	96.80	3							
96.80	102.40	5						trace	
102.40	103.90	5							
103.90	104.50	>1							
104.50	106.60	>1							
106.60	109.60	3							
109.60	111.30		>1						
111.30	116.50	2						trace	
116.50	126.50	3						trace	
126.50	127.30								
127.30	129.00	2							
129.00	130.70	2	trace						
130.70	132.40	4							
132.40	134.75	4							
134.75	136.40	3							
136.40	137.20	9							
137.20	139.80	7		trace					
139.80	145.00	5							

145.00	151.60	4							
151.60	154.50	5	trace						
154.50	157.60	4							
157.60	159.50	>1							
159.50	161.50	3		trace					
161.50	165.50	2							
165.50	167.50	2							
167.50	168.10	3							
168.10	169.30	>1							
169.30	171.60	3		trace					
171.60	174.50	8							
174.50	175.30	4							
175.30	177.60	2							
177.60	178.20	<1							
178.20	179.70								
179.70	182.90	2		trace					

SG-09-36: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Fracture 2 (°TCA)	Vein 1 (°TCA)	Shear	Fault	Breccia	Folding
5.20	12.40				57							
12.40	14.10				63	late fracturing		60				
14.10	18.30				57	late fracturing						
18.30	22.10			70				veinlets				
22.10	31.70				60	late fracturing						
31.70	33.20			60								
32.30	32.60								38			
33.20	38.00				75							
35.20	36.30								41			
38.00	42.20				70							
42.20	55.20				63							
45.30	53.40				65			65				
53.40	56.50				75							
56.50	62.80				63							
62.80	65.90				70							
65.90	66.00				62							
66.00	71.00				68			68				
71.00	72.20			65				65				
72.20	72.90					late fracturing						
72.90	76.10			70								
76.10	77.20					69 sheeted joints						
80.00			80									
81.60	84.40			61								
85.40	89.00			62		fine fractures						
89.00	93.80										brecciated	
89.00	92.50			16								
91.00	91.20					late fractures		carbonate veins				
91.20			55									
93.80			51									
93.80	98.40				61			quartz veins			crenulated irregular folding	
98.40	102.40	47				Mo stringers	late chlorite			fault		
103.90			46						pyritic shear			
403.90	104.50				64							
104.50	106.60			57								
106.60	109.60				56							
108.70	108.90									gouge		
111.30			65					calcite veins		faulted		
111.30				52								

111.30	112.70			61				61				
116.50	122.20			60								
122.20	126.50			58								
127.30	129.00			60								
129.00	130.70			57								
132.40	139.80									gouge		
132.40	134.75								50		multistage brecciation	
136.40	137.20									53 gouge		
137.20	139.80									51 mylonite		
139.80			63	45								
139.80	145.00			32								
143.20	143.70			62								
145.00	151.60			58								
151.60	154.50			49								
157.60	159.50			51								
159.50	161.50			54								
159.90	160.10										brecciated	
161.20	161.30										brecciated	
161.30	161.40							quartz veins				
161.50	165.50			54				calcite veinlets				
165.50	167.50			56		pyritic fractures						
168.10			65	65		pink veins	late calcite veins					
169.40	169.60									59 mylonite		small S-fold
171.60	178.20										brecciated	
171.60	174.50			45				50		gouge		
175.30	177.60			53								
178.20	179.70			67				calcite veins				
179.70	182.90							late felsite Cpy Py veining				

SG-09-37: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
6.10	7.30	Feldspar Porphyritic Monzonite	35% feldspar phenocrysts, 2% brassy Pyrite
7.30	9.10	Metagranite	Coarse grained, mod oxidized
9.10	10.70	Metagranite	Strongly fractured, strongly oxidized
10.70	12.40	Metagranite	Weak-mod early silica stockwork
12.40	13.90	Gouge, Metagranite	Near-sand; farily limonitic
13.90	18.90	Metagranite	Mod foliated, med-coarse grained
18.90	20.00	Metagranite	Strongly fractured (weak shear?)
20.00	21.25	Feldspar Porphyritic Monzonite	Dyke; 15% Fspar porphyries, 1-2% pyrite
21.25	22.90	Metagranite	Med grained, strongly foliated
22.90	24.90	Sheared metagranite	Strongly fractured, foliated
24.90	25.70	Sheared metagranite	Strongly developed gouge
25.70	27.10	Feldspar Porphyritic Monzonite	20% Fspar porphyries, 1% biotite
27.10	28.40	Sheared Metadiorite	Mod sheared, strongly fractured
28.40	30.80	Metadiorite	Strongly foliated
30.80	33.50	Metadiorite	Mod-coarse grained, mod folioated
33.50	35.70	Metadiorite	Intermittent small gouge zones
35.70	39.30	Metadiorite	Mod - strongly bleached
39.30	39.80	Metadiorite	Breccia zone, sharp-angled pyritic clasts
39.80	44.20	Metadiorite	Mod foliated, strongly bleached
44.20	46.95	Metadiorite	Decreasingly bleached with depth
46.95	48.80	Metabasalt	Fine grained, mod foliated
48.80	50.30	Sheared Metadiorite	Weakly sherared, mod late fracturing
50.30	52.00	Sheared Metadiorite	Gouge, multiple pulses
52.00	53.10	Sheared Metadiorite	Strongly foliated but unsheared
53.10	56.80	Sheared Metadiorite	Intermittent argillically altered gouge
56.80	58.80	Sheared Metadiorite	Very intense gouge
58.80	59.50	Sheared Metadiorite	Strongly silicified multi-episodic breccia
59.50	60.50	Sheared Metadiorite	Strongly developed gouge, argilliuc alteration
60.50	62.50	Metadiorite	Coarse grained metadiorite; intermittent gouge
62.50	68.20	Metadiorite	Strongly foliated, decreasingly bleached with depth
68.20	68.80	Mafic Dyke	Fine grained, mod sheared
68.80	72.20	Metadiorite	Med grained, strongly foliated
72.20	73.70	Mafic Dyke	Fine grained, mod. Chloritic
73.70	77.50	Sheared Metadiorite	Strongly foliated, mod-strongly bleached
77.50	78.90	Sheared Metadiorite	More strongly developed gouge
78.90	79.80	Sheared Metadiorite	Fairly competent section
79.80	82.30	Sheared Metadiorite	Bleached, strong late fracturing
82.30	82.90	Sheared Metadiorite	Sheared; 15% pink "felsite" veins
82.90	83.40	Sheared Metadiorite	Massive pyrite; med grained
83.40	89.80	Feldspar Porphyritic Monzonite	Dyke; 25-30% fspar grainbs, 4-5% biotite laths
89.80	91.60	Metadiorite	Mod bleached, strongly foliated
91.60	93.80	Metadiorite	Slight increase in late fracturing
93.80	96.30	Metadiorite	Mod fractured, bleached
96.30	100.80	Fractured Metadiorite	Strong late fracturing, limonitic staining
100.80	101.50	Metabasalt	Fine-med grained, strongly foliated
101.50	101.90	Gouge, Metabasalt	Very strong gouge, argillic alteration

101.90	103.50	Gouge, Metabasalt	Strongly bleached; strongly broken core
103.50	107.20	Gouge, Metabasalt	Very strong gouge, strong early silicification
107.20	108.70	Gouge, Metabasalt	Mod-strong argillic alt
108.70	110.60	Gouge, Metabasalt	Weak-mod early silicification
110.60	114.60	Ultramafic: Pyroxenite?	Intermittent mylonitic horizons
114.60	118.00	Ultramafic: Pyroxenite?	Somewhat more massive, unbleached section
118.00	118.60	Ultramafic: Pyroxenite?	Mod mylonitized
118.60	122.90	Metabasalt skarn	Mod, locally strong calc-silicate alteration
122.90	124.20	Ultramafic	Intermittent shearing, bleaching
124.20	125.60	Ultramafic	Weakly foliated, mod. Serpentinized
125.60	127.60	Ultramafic	Mod-strongly sheared
127.60	140.00	Ultramafic: Pyroxenite?	Strong serpentinite development
140.00	142.00	Ultramafic: Pyroxenite?	Weak late fracturing
142.00	155.80	Ultramafic: Pyroxenite?	Fairly massive

SG-09-37: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From	To	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Epidote	Mariposite	Serpentinized	Talc
(m)	(m)											
6.10	7.30	1	1									
7.30	9.10	1		1	2	1						
9.10	10.70	1		1	3	2						
10.70	12.40	1-2		2	2	1						
12.40	13.90		1-2	1	3	2-3						
13.90	18.90	2		2	1							
18.90	20.00	1-2	1	2	2							
20.00	21.25	1					1					
21.25	22.90	1-2	1	1								
22.90	24.90		2	1	2	2						
24.90	25.70		2-3	3	2		1					
25.70	27.10		1				2					
27.10	28.40	1	1	2		1						
28.40	30.80	1					2					
30.80	33.50	1		1			1					
33.50	35.70		1				2					
35.70	39.30	1	1	2-3			1					
39.30	39.80	1-2	2			2						
39.80	44.20	1	1-2	2			1					
44.20	46.95	1					2					
46.95	48.80						1					
48.80	50.30	1	1-2	1								
50.30	52.00		3	1								
52.00	53.10	1	1-2	2								
53.10	56.30	1	2-3	2		1						
56.30	58.80	1-2	3			1						
58.80	59.50	3	1			1						
59.50	60.50	1				1						
60.50	62.50		2	2		1						
62.50	68.20	1	1	2		1	2					
68.20	68.80					2	2					
68.80	72.20	1	1-2	3								
72.20	73.70					3	2					
73.70	77.50	1	2	2		2						
77.50	78.90	1	2	2		2						
78.90	79.80	1	1	2								
79.80	82.30	1	1	2		1	1					
82.30	82.90		1	2		2						
82.90	83.40	1										
83.40	89.80	1	1	2		2	1					
89.80	91.60	1	2	2		1						
91.60	93.80		2	2		1						
93.80	96.30		1	1		2						
96.30	100.80		1-2	2	1	2						
100.80	101.50	1	1	2								
101.50	101.90	1	3									
101.90	103.50	1	2	2		2						
103.50	107.20	1	3			2						
107.20	108.70		2	1			1					
108.70	110.60		2-3	1								
110.60	114.60					1	2			2		
114.60	118.00						1		2		1	
118.00	118.60					1	2					
118.60	122.90	1-2		1		2		2				
122.90	124.20										1	1
124.20	125.60						1				2	
125.60	127.60	1					1				2-3	
127.60	140.00						1				3	1
140.00	142.00										3	2
142.00	155.80										2	1

SG-09-37: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)
6.10	7.30	2							
7.30	9.10	3							
9.10	10.70	4							
10.70	12.40	>1							
12.40	13.90	2							
13.90	18.90	2							
18.90	20.00	2							
20.00	21.25	2							
21.25	22.90	2							
22.90	24.90	4							
24.90	25.70	4							
25.70	27.10	2-3							
27.10	28.40	>1							
28.40	30.80	4							
30.80	33.50	2		trace					
33.50	35.70	2							
35.70	39.30	2							
39.30	39.80	<1							
39.80	44.20	3		trace			trace		
44.20	46.95	>1		trace					
46.95	48.80	>1		trace					
48.80	50.30	>1							
50.30	52.00	4							
52.00	53.10	>1					trace		
53.10	56.30	2							
56.30	58.80	8							
58.80	59.50	8							
59.50	60.50	2							
60.50	62.50	2						trace	
62.50	68.20	2							
68.20	68.80	1							
68.80	72.20	2							
72.20	73.70	trace							
73.70	77.50	>1							
77.50	78.90	3							
78.90	79.80	>1		trace					
79.80	82.30	1							
82.30	82.90	3							
82.90	83.40	70		4					
83.40	89.80	<1							
89.80	91.60	2							
91.60	93.80	2		trace					
93.80	96.30	<1							
96.30	100.80	2							
100.80	101.50	3							
101.50	101.90	6							
101.90	103.50	5							
103.50	107.20	7							

107.20	108.70	3							
108.70	110.60	8		1					
110.60	114.60	2							
114.60	118.00								
118.00	118.60	<1							2
118.60	122.90	4	1	<1	<1	<1			
122.90	124.20	<1							
124.20	125.60	trace							2
125.60	127.60	<1							1
127.60	140.00								8
140.00	142.00								8
142.00	155.80								10

Structural Log, DDH SG09-37

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Fracture 2 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia
7.30	9.10				51							
9.10	10.70					strongly fractured						
9.40	9.50										gouge	
10.70	12.40				52							
12.40	13.90										gouge	
13.90	18.90							54				
18.90	20.00									47		
20.10	20.80									47	gouge	
21.25	22.90				54							
22.90	25.70									sheared		
22.90	24.90				62							
27.10	28.40				56							
28.40	30.80				65	late fractures						
30.80	33.50	64			62						gouge zones	
35.50	35.70		60								gouge	
35.70	39.30				76							
39.30	39.80	69									gouge	
39.80	44.20				64							
46.95	48.80			64								
48.30	62.50									sheared		
51.00		43									gouge	
52.00		34			69						gouge	
53.10	56.80									40	gouge	
56.80	58.80				41							
58.80	59.50		28					felsite stringers	calcite stringers			multi-episodic brecciation
60.50	68.20										intermittent gouge	
62.50	68.20				48							
66.60	68.20				40							
68.20	68.80	56	45									
68.90	72.20				40							
72.20	73.70	62						calcite veining increases with depth				
73.70	83.40									sheared		
73.70	77.50				47							
77.50	78.90							50 quartz veins				
79.80	82.30									78	gouge	
82.30	82.90							late calcite stringers				
82.90		43						quartz feslite vein				
83.40	89.80		56			late calcareous fractures					gouge	
89.80	91.60				63							
91.60	93.80				65							
96.30	100.80				73							

100.80	101.50			72								
101.50			50								gouge	
101.50	110.60										gouge	
103.50	107.20							65 Py banding			gouge	
108.70	110.60							67 Py-Cpy Banding				
110.60	114.60			60								
113.50	113.80						52					
114.60	118.00									48		
118.00	118.60									52	mylonite	
118.60	122.90			49								
123.00	124.20									57		brecciated upper contact
125.60	127.60	38								43		brecciated
127.60	140.00			57				late talc veins				
140.00	142.00					weak late fracturing						
142.00	155.80							late silica ± talc veinlets				

SG-09-38: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
1.50	7.00	Metabasalt	Mod foliated, weakly limonitic
7.00	11.30	Metabasalt	Coarse grained, weakly limonitic
11.30	12.20	Metabasalt	Small shear zone, 50% banded qz veins
12.20	14.20	Metabasalt	Weak banded hornfelsing and bleaching
14.20	15.90	Metabasalt	Fine grained, mod-weakly foliated
15.90	20.50	Metabasalt	Coarse grained, mod-strongly foliated
20.50	21.80	Metabasalt	Shear zone, banded Qz-Moly veining
21.80	27.20	Metabasalt	Intercalated coarse and fine grained units
27.20	29.80	Metabasalt	75% coarse grained, 25% fine grained units
29.80	31.50	Metabasalt	Weakly-moderately limonitic
31.50	33.70	Metabasalt	Coarse grained, somewhat porphyritic texture
33.70	34.70	Metabasalt	Shear zone centered on 10 cm pyrite vein
34.70	41.80	Metabasalt	Med-coarse grained, variably bleached
41.80	45.30	Metabasalt	Increased silica, carbonate alteration
45.30	47.80	Metabasalt	Mod-strongly foliated
47.80	51.10	Sheared metabasalt	Weakly sheared, silicified bands
51.10	51.60	Sheared metabasalt	Strongly sheared gouge, fine banded dark pyrite
51.60	54.90	Feldspar Porphyritic Monzonite	Dyke: 35% feldspar porphyries, aphanitic grouindmass
54.90	58.30	Metadiorite	Coarse grained, strong foliation
58.30	60.00	Metadiorite	Intermittent crenulated cleavage
60.00	64.90	Metadiorite	Strongly foliated, some kink banding
64.90	67.60	Metadiorite	6-7% grey-white irregul;ar quartz veins
67.60	72.90	Metadiorite	Mod bleached, strongly foliated
72.90	76.40	Metadiorite	Mod-strong late fracturing
76.40	78.90	Metadiorite	Fine grained, may include metabasalt
78.90	83.00	Metabasalt	Fine-med grained, mod foliated
83.00	84.50	Feldspar Porphyritic Monzonite	40 - 45% feldspar porphyries, blurred textures
84.50	87.00	Feldspar Porphyritic Monzonite	Intermittent silicified zones
87.00	92.00	Feldspar Porphyritic Monzonite	Clearly defined textures
92.00	94.50	Feldspar Porphyritic Monzonite	Mod-strongly silicified; textures blurred
94.50	96.30	Sheared Metabasalt	Mod sheared, mod silicified
96.30	97.70	Sheared Metabasalt	Strongly sheared, locally brecciated
97.70	98.80	Mylonitic Metabasalt	Strongly developed; 35% mylonitic bands
98.80	100.00	Mylonitic Metabasalt	Somewhat less developed mylonitization
100.00	101.00	Mylonitic Metabasalt	Strongly developed gouge
101.00	102.20	Mylonitic Metabasalt	Gouge; somewhat banded texture
102.20	105.00	Sheared metabasalt	Weakly sheared, 4-5% frac-controlled pyrite
105.00	105.50	Sheared metabasalt	Shear zone, 15% Py +/- Chalcopyrite
105.50	106.40	Sheared metabasalt	Minor banded quartz; similar to above
106.40	108.10	Sheared metabasalt	Increasing shear with depth
108.10	109.90	Mylonitic Ultramafic	Strongly developed mylonitic banding
109.90	115.60	Sheared metabasalt	Intermittent shear zones with argillic alt and pink "felsite"
115.60	118.00	Sheared metabasalt	Somewhat decreased bleaching
118.00	119.20	Sheared metabasalt	Fine grained, mod foliated
119.20	121.20	Sheared metabasalt	Weakly sheared, strong late fracturing
121.20	122.30	Metabasalt	Strong late fracturing, weakly bleached
122.30	125.10	Metabasalt	Strongly bleached, core strongly broken
125.10	126.30	Metabasalt	Weak - mod late fracturing
126.30	128.90	Sheared metabasalt	Fine-med grained, weakly foliated
128.90	130.10	Sheared metabasalt	Epithermal quartz-"felsite" vein extending downhole
130.10	132.20	Sheared metabasalt	Fine grained, mod foliated
132.20	133.10	Sheared metabasalt	Semi-massive pyrite with minor chalcopyrite
133.10	135.20	Sheared metabasalt	Gouge, includes mariposite and limonite
135.20	137.20	Brecciated Marble	Strong late fracturing, calc-silicate alt
137.20	143.00	Marble	Weakly foliated, recrystallized, intercalated with metabasalt bands

143.00	144.50	Sheared metabasalt	Mod sheared; marble intercalations
144.50	146.30	Metabasalt	Fine-med grained; 15-20% banded marble
146.30	147.80	Metabasalt	Med grained, strong biotite alt
147.80	152.50	Metabasalt	Chlorite-epidote alt centered on marble beds
152.50	154.50	Sheared metabasalt	Gouged and fractured; mod bleached
154.50	155.80	Sheared metabasalt	Mod calc-silicate banding
155.80	167.40	Metabasalt	Med grained, mod folioated
167.40	169.00	Brecciated Metabasalt	Strong late fracturing; early quartz, silica-carb banding
169.00	171.10	Brecciated Metabasalt	Mod-strong chlorite alteration
171.10	184.80	Metabasalt Dyke?	Fine grained, almost massive
184.80	190.10	Metabasalt	Fine-med grained
190.10	191.20	Sheared metabasalt	Variably developed shear; gouge
191.20	193.80	Sheared metabasalt	Mod foliated, abundant calcareous bands
193.80	195.70	Sheared metabasalt	Wekk developed chl - epidote skarn
195.70	197.40	Ultramafic	Pyroxenite, remobilized magnetite, locally massive Py, Pyrrhotite
197.40	199.10	Metabasalt	Med grained, moderately foliated
199.10	200.20	Metabasalt	Mod-strong bleaching
200.20	204.80	Metabasalt	Med grained, moderately foliated
204.80	205.40	Metabasalt	Small shear zone, gouge along margins
205.40	210.90	Metabasalt	Intercalated metagranite and metabasalt
210.90	214.10	Brecciated Metabasalt	Strongly developed brecciation along late calcite fractures
214.10	217.90	Metabasalt	Med-coarse grained, "pristine" section
217.90	224.90	Metabasalt	Core variably broken; mod foliated
224.90	225.60	Metabasalt	35% marble in metabasalt
225.60	226.00	Metabasalt	Med grained, mod foliated
226.00	230.00	Sheared metabasalt	Variable, locally strong late shearing
230.00	231.40	Sheared metadiorite	Weak, intermittent shearing of metadiorite
231.40	239.40	Metadiorite	Med grained, mod foliated
239.40	243.90	Metadiorite	Weak-mod intermittent bleaching

SG-09-38: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite
1.50	7.00	1		1	1							
7.00	11.30	1		1		1						
11.30	12.20	3	1	1	2							
12.20	14.20	1		1								
14.20	15.90					1	2					
15.90	20.50	1				1	1					
20.50	21.80	2		2		2						
21.80	27.20	1				1	2	1-2				
27.20	29.80	1				1	2	1-2				
29.80	31.50	1-2		1	2	1						
31.50	33.70	1		1			1					
33.70	34.70	1	1	1		1						
34.70	41.80	1-2		2								
41.80	45.30	2		2	1	2						
45.30	47.80	2	1	2		1						
47.80	51.10	1	2	3		1						
51.10	51.60	2	3			2						
51.60	54.90	1	1	2								
54.90	58.30	2		3								
58.30	60.00	1-2		3								
60.00	64.90	2		3								
64.90	67.60	1	1	3		1						
67.60	72.90	1-2		3								
72.90	76.40	1	2	3								
76.40	78.90	1	1	2								
78.90	83.00	1	1	1			1-2					
83.00	84.50	2	1	2								
84.50	87.00	1-2	1-2	2								
87.00	92.00	1	1-2	1-2								
92.00	94.50	2	1	2-3								
94.50	96.30	2	1-2	1								
96.30	97.70	1	1	2								
97.70	98.80	2	3			1-2						
98.80	100.00	2	3									
100.00	101.00	1	2	1		1					1	
101.00	102.20	3	1								1	
102.20	105.00	1	1	2								
105.00	105.50	2	1	1							2	
105.50	106.40	1	1	2								
106.40	108.10	2	2								1	
108.10	109.90	2-3									2	
109.90	115.60	1	2	1-2		1						
115.60	118.00		1	2								
118.00	119.20			1		1-2	1					
119.20	121.20	1	2-3	1		1						
121.20	122.30			1		2						
122.30	125.10	1	2	2								
125.10	126.30	1	2	2								
126.30	128.90	1	2	2								
128.90	130.10		2	2								
130.10	132.20		2	2								
132.20	133.10		2-3	2								
133.10	135.20	1	2-3	2		1					1	
135.20	137.20	1-2				2		2				
137.20	143.00					3	1			2		

143.00	144.50						3	1				
144.50	146.30						2			2		
146.30	147.80			2		1-2			2			
147.80	152.50	1				1-2	2			2		1?
152.50	154.50	2	1			2						
154.50	155.80					2				2		1
155.80	167.40					1-2				1		
167.40	169.00	1				2	1					
169.00	171.10					1	2			2		
171.10	184.80					1	1-2					
184.80	190.10					1	1		2			
190.10	191.20	2	2-3			2	1					
191.20	193.80					2	1					
193.80	195.70			1		2	3			2		
195.70	197.40					3	3			3		
197.40	199.10					2	2		2			
199.10	200.20					2	3			3		
200.20	204.80					1	1		1			
204.80	205.40	1				2						
205.40	210.90					1		1	1			
210.90	214.10					1	1					
214.10	217.90					1	1					
217.90	224.90					2	1	1				
224.90	225.60					3				2		
225.60	226.00					2						
226.00	230.00		2	2		1-2						
230.00	231.40					2			2			
231.40	239.40					1			1			
239.40	243.90	1		1		1						

SG-09-38: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)	Hematite (hem)
1.50	7.00	>1								
7.00	11.30	1								
11.30	12.20	2								
12.20	14.20	2	1							
14.20	15.90	>1	<1							
15.90	20.50	2	trace							
20.50	21.80	1						trace		
21.80	27.20	3								
27.20	29.80	2								
29.80	31.50	4	trace							
31.50	33.70	2								
33.70	34.70	8		trace	trace					
34.70	41.80	2		trace						
41.80	45.30	3						trace		
45.30	47.80	2		trace						
47.80	51.10	3						trace		
51.10	51.60	15								
51.60	54.90	3		trace				trace		
54.90	58.30	3								
58.30	60.00	4		trace				trace		
60.00	64.90	4				trace				
64.90	67.60	3								
67.60	72.90	5								
72.90	76.40	4								
76.40	78.90	3								
78.90	83.00	<1								
83.00	84.50	<1	trace							
84.50	87.00	1		trace						
87.00	92.00	2								
92.00	94.50	2								
94.50	96.30	>1	<1							
96.30	97.70	3								
97.70	98.80	12								
98.80	100.00	9								
100.00	101.00	5								
101.00	102.20	7								
102.20	105.00	6								
105.00	105.50	13		2						
105.50	106.40	5								
106.40	108.10	10	1							
108.10	109.90	5								
109.90	115.60	7		trace			trace			
115.60	118.00	4		trace						
118.00	119.20	2								
119.20	121.20	2		trace						
121.20	122.30	3		trace						
122.30	125.10	4								
125.10	126.30	>1								
126.30	128.90	4								
128.90	130.10	5								
130.10	132.20	6								
132.20	133.10	25	<1							
133.10	135.20	8								
135.20	137.20	2								
137.20	143.00		<1	trace						

143.00	144.50	trace								
144.50	146.30		trace	trace						
146.30	147.80	<1	trace	trace						
147.80	152.50		trace	trace						
152.50	154.50	1								
154.50	155.80	<1								
155.80	167.40		trace			trace				
167.40	169.00	trace								
169.00	171.10	trace								
171.10	184.80	trace								
184.80	190.10	<1	trace							
190.10	191.20	2								
191.20	193.80	trace								
193.80	195.70									
195.70	197.40	3	3						3	
197.40	199.10	trace								
199.10	200.20	trace	trace							
200.20	204.80		trace							
204.80	205.40	trace	trace							
205.40	210.90									
210.90	214.10									1
214.10	217.90	trace								1-2
217.90	224.90	trace								
224.90	225.60	1								
225.60	226.00									
226.00	230.00	<1								
230.00	231.40	trace								2
231.40	239.40	<1								
239.40	243.90	trace								

SG-09-38: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia	Fold
1.50	7.00			51		late fractures						
7.00	11.30			43								
11.30	12.20						48			locally gouged		
14.20	15.90			47								
15.90	20.50			43								
20.50	21.80						36 banded quartz ± Mo		shear zone			
21.80	27.20			50			44					
27.20	29.80			57			57 quartz vein					
29.80	31.50						cross-cutting Py veins		51			
31.50	33.70			48								
33.70	34.70						47 massive Py vein					
34.70	38.40			57		late calcitic fractures						
38.40	41.80			43			43 Py band					
41.80	45.30					late calcareous fracturing	61 quartz-Mo vein					
45.30	47.80			45			late Py-Cpy veinlets					
47.80	51.10			60			late calcite stringers	late pyritic stringers	sheared			
51.10	51.60		47						sheared	mylonitic fabric	brecciated	
54.40	56.30				77							
56.30	60.00				64		minor Mo veins					34 crenulated z-folds
60.00	64.90				66		quartz-Py-felsite veining					z-folds
64.90	67.60						irregular quartz veins	cross-cutting Sph stringers				
65.90	66.00									72 gouge		
67.60	72.90				64							
72.90	76.40				69							
76.40	78.90				67		late calcite veining					
78.00	83.00			73								
83.00	84.50	43								fault at contact		
84.50	87.00						43 sheeted quartz veins					
91.10	91.40						abundant pink felsite veins					
94.50	97.70	45							sheared			
96.60	97.70						felsite veins					
97.70	102.20			58			abundant quartz-felsite veining			mylonitic		
94.30	99.80		58							gouge zone		
100.00	100.60		53								brecciated	
102.20	105.00			64		fracture-controlled Py						
105.00	105.50								62			
106.40	108.10						57 massive Py	felsite veins	sheared			
108.10	109.90	53	58							mylonitic banding		
109.90	119.20								sheared			
109.90	115.60			77								
111.50	115.60						76 banded quartz-Py					
115.50	115.60								22 shear zone	gouge		
117.80	118.00						42 felsite vein					
119.20	121.20						epithermal qz-felsite veining		sheared			
122.30	125.10			65		late fractures	quartz-Py veins					
125.40	126.30			63		late fracturing						
126.30	135.20								sheared			

126.30	128.90			68		frac-controlled Py stringers						
128.90	130.10						qz-felsite vein					
130.10	132.20			48								
132.20	133.10			65								
135.00	135.10						56 Py vein					
133.10	135.20		52							gouge, faulted at lower contact		
135.20	137.20					frac-controlled Py					brecciated	
137.20	143.00				46		46 Po band					
141.90	143.00				36							
143.00	144.50			43		x-cutting late carbonate fractures	43 calcite veins		sheared			
144.50	146.30			59								
147.80	152.50			63								
152.50	155.80								sheared			
153.40	153.50									8 fault		
155.40	155.80						68 marble band					
155.00	167.40			58								
165.70	166.30						60 marble band					
167.40	171.10					strong late fracturing					brecciated	
167.40	169.00						68 early silica-quartz-carb banding					
169.00	171.10						58 epidote banding					
171.10	184.80		64				calcite veining	rare epidote veins				
184.80	190.10			62								
190.10	195.70								sheared			
190.10	191.20		67							gouge, fault at lower contact		
191.20	193.80			61		calcite-filled fractures	61 quartz vein					
193.80	195.70			67								
197.10	197.20						44 massive Po vein					
197.40	199.10			43								
201.70	201.80						56					
204.80	205.40		68						shear zone	gouge at lower contact		
205.90	206.00						70 marble bed					
208.85	209.10						x-cutting quartz					
210.90	214.10										brecciated	
214.10	217.90			63			calcite veins	quartz veins				
217.90	220.80			57			calcite-hematite veins					
220.80	224.90			58			calcite veins					
225.50	225.60						83 marble bed					
226.00	230.00								sheared			
228.50	228.60	63								gouge		
230.00	231.40				73				sheared			
231.40	239.40				65	50 joints						
239.40	243.90				53		felsite veins ± Py					

SG-09-39: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
2.10	8.10	Metabasalt	Coarse grained, possibly metadiorite
8.10	9.70	Metabasalt	Mod foliated
9.70	10.20	Metabasalt	Narrow shear zone30% white-tan quartz vein
10.20	14.00	Metabasalt	Fine grained, mod foliated
14.00	17.20	Metabasalt	Coarse grained (metadiorite?), strongly foliated
17.20	21.20	Metabasalt	Fine grained, mod foliated
21.20	23.20	Metabasalt	Coarse grained, 5-6% banded quartz veins
23.20	24.70	Metabasalt	Fine grained, mod banded
24.70	26.70	Metadiorite	Coarse grained, metabasalt intercalations
26.70	28.70	Metadiorite	Fine grained, incl. metabasalt
28.70	30.60	Metadiorite	Med grained, mod foliated
30.60	31.80	Metabasalt	Mod-strong foliation, poss. Weak shear
31.80	36.40	Metadiorite	Fine grained, mod foliated
36.40	38.10	Metabasalt	Fine grained, mod foliated
38.10	39.10	Metabasalt	Shear zone, incl. short gouge interval
39.10	41.00	Metabasalt	Fine grained
41.00	45.20	Metabasalt	Med grained, mod. bleached
45.20	47.40	Metabasalt	Slight increase in late fracturing
47.40	49.20	Metadiorite	Coarse grained, strongly foliated, mod bleached
49.20	51.20	Metadiorite	25% foliation-parallel quartz veins
51.20	54.30	Metadiorite	Med grained, textures somewhat blurred
54.30	59.10	Metabasalt	Med-fine grained; strongly bleached
59.10	60.40	Metabasalt	Weakly bleached, mod. Foliated
60.40	61.20	Metabasalt	Shear zone; strong foliation
61.20	63.20	Metabasalt	Strongly silicified and mopderately hornfelsed
63.20	66.40	Metabasalt	Mod-strongly foliated, strongly bleached
66.40	68.80	Metabasalt	Mod foliated and bleached
68.80	70.80	Metabasalt	Decreasing bleaching with depth
70.80	74.00	Metabasalt	Fine grained, weakly foliated, unbleached
74.00	76.10	Sheared Metabasalt	Strongly foliated, strongly bleached
76.10	77.90	Sheared Metabasalt	Mod gouge development; med grained
77.90	79.10	Sheared Metabasalt	Banded veining, includes weakly oxidized, chloritic unit
79.10	82.10	Sheared Metabasalt	Mylonitic shear; swirling fabric
82.10	85.40	Sheared Metabasalt	Somewhat more "regular" mylonitic shearing
85.40	85.90	Sheared Metabasalt	Quartz-pyriote-arsenopyrite vein from 85.55 - 85.75m
85.90	87.70	Sheared Metabasalt	Weak - moderate shearing (metadiorite?)
87.70	89.90	Sheared Metabasalt	Intermittent weak shearing
89.90	92.80	Metabasalt	Strongly foliated; 3% banded white Quartz veins
92.80	93.60	Sheared Metabasalt	12% banded - semi-disseminated pyrite
93.60	95.60	Sheared Metabasalt	Intermittent breccia zones
95.60	96.80	Sheared Metabasalt	Unbleached, mod chloritic section
96.80	97.80	Metabasalt	Med-fine grained, mod-strongly bleached
97.80	98.80	Metabasalt	Fine grained metabasalt
98.80	100.70	Metabasalt	Mod-strongly sheared, med-fine grained
100.70	102.50	Metabasalt	Fine grained metabasalt; 3-4% late felsite banding
102.50	105.30	Metabasalt	Mod-strongly foliated, unbleached
105.30	106.30	Metabasalt	Weaklhy sheared, strongly bleached
106.30	107.20	Metabasalt	Fine grained, almost unbleached
107.20	110.30	Metabasalt	Mod-strongly bleacherd, strongly foliated
110.30	110.80	Weakly Sheared Metabasalt	Shear Zone, gouge, weakly bleached

110.80	112.80	Weakly Sheared Metabasalt	Variable shearing, silica and calc-sil alteration
112.80	114.20	Weakly Sheared Metabasalt	Mod hematite alteration
114.20	115.20	Weakly Sheared Metabasalt	Fine grained, weak, variable shearing
115.20	116.90	Mod Sheared Metabasalt	Mod-strong intermittent shearing
116.90	118.90	Mod Sheared Metabasalt	Weak-mod late fracturing
118.90	122.00	Mylonitic Metabasalt	Strongly developed gouge, mylonitic banding
122.00	127.00	Mylonitic Metabasalt	Strongly developed gouge, 7-8% mylonitic banding
127.00	129.60	Mylonitic Metabasalt	Almost "massive" black pyrite
129.60	133.20	Mylonitic Metabasalt	Somewhat "regular" mylonitic banding, mariposite bands
133.20	134.00	Mylonitic Metabasalt	Late brecciation of previously silicified metabasalt
134.00	134.75	Mylonitic Metabasalt	Multiple phases of early silicification
134.75	137.00	Mylonitic Metabasalt	Strongly developed gouge, grey-black pyrite
137.00	138.00	Brecciated Metabasalt	Strong late brecciation; mod gouge
138.00	142.10	Brecciated Metabasalt	Early silicification, then 20% quartz-felsite veins
142.10	148.40	Brecciated Metabasalt	50-60% epithermal quartz-felsite stringers
148.40	151.80	Brecciated Metabasalt	Strong late fracturing; 15% banded epithermal veins
151.80	152.60	Brecciated Metabasalt	70-75% pink epithermal veining
152.60	154.00	Brecciated Metabasalt	Shear zone; strongly developed gouge
154.00	155.30	Brecciated Metabasalt	Early strong brecciation, silica rehealing
155.30	157.10	Metabasalt	Fine grained; intercalated with 20% marble, 10-15% silica banding
157.10	158.50	Metabasalt	Sheared, locally brecciated
158.50	160.60	Weakly Sheared Metabasalt	Mod sheared, includes marble sections
160.60	163.60	Weakly Sheared Metabasalt	Weakly - moderately banded, intercalated with marble
163.60	164.50	Weakly Sheared Metabasalt	50% marble intercalated with strongly chloritic metabasalt
164.50	165.70	Weakly Sheared Metabasalt	Strong late fracturing; strongly chloritic
165.70	167.10	Weakly Sheared Metabasalt	Mod banded marble, weak silica, epithermal replacement
167.10	169.10	Weakly Sheared Metabasalt	Mod banded metabasalt
169.10	173.60	Metabasalt	Weak-mod banding, incl. silica +/- carb banding
173.60	181.40	Metabasalt	Weakly-moderately foliated
181.40	184.50	Metabasalt	Intermittent strongly bleached zones

SG-09-39: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite	Hornfels
2.10	8.10	1		1	1	1							
8.10	9.70	1					1					1	
9.70	10.20	2			2								
10.20	14.00	1				1	2	1					
14.00	17.20	1		1									
17.20	21.20	1						1					
21.20	23.20	1		1		1							
23.20	24.70	1		1				2					weak-mod hornfelsing
24.70	26.70	2	1			1						1	
26.70	28.70	1	1				1					1	weakly hornfelsed
28.70	30.60	1	1					1					
30.60	31.80	1-2	1	1		2							
31.80	36.40	1		1				2					
36.40	38.10	1		2		2							
38.10	39.10	1		1		2							
39.10	41.00	1		2		2							
41.00	45.20	1	1	2									weak hornfelsing
45.20	47.40	1	1	1		2							
47.40	49.20	1	1	1		1	1-2						
49.20	51.20	2	1	1		1	2						
51.20	54.30	2-3		1									
54.30	59.10	2	1	2		1							
59.10	60.40	1		1			1-2						

60.40	61.20		2	2		2							
61.20	63.20	3		1			1						
63.20	66.40	2	1	2									
66.40	68.80	1	1	2		1							
68.80	70.80	1		1		1	1			1			
70.80	74.00					1	1			2			
74.00	76.10	1		2									
76.10	77.90	2	3	1		1							
77.90	79.10	2	3	1									
79.10	82.10	2	3	2									
82.10	85.40	2	2	1				1					
85.40	85.90	2	2	1									
85.90	87.70	1	1-2	2									
87.70	89.90	1	1	2	1-2			2					
89.90	92.80	1	1	2									
92.80	93.60	1	1	1		1-2							
93.60	95.60	1	2	2									
95.60	96.80						2		1				
96.80	97.80	2	1	2									
97.80	98.80	1		1			1						
98.80	100.70		1	2									
100.70	102.50	1		2			1						
102.50	105.30						2		1				
105.30	106.30	1	1-2	1									
106.30	107.20									1			
107.20	110.30		2	2		1							
110.30	110.80		2	1		1-2							
110.80	112.80	1-2		1				1					
112.80	114.20		1	2-3									
114.20	115.20	1					2						
115.20	116.90		2	2		1							
116.90	118.90	1	2	2		1							
118.90	122.00	2	3			1							
122.00	127.00	2	3			2							

127.00	129.60	2-3	3			2							
129.60	133.20	2-3	2			1					2		
133.20	134.00	2	2										
134.00	134.75	3	2			1							
134.75	137.00	3	3								2		
137.00	138.00	2	2										
138.00	142.10	2	2	1									
142.10	140.85	2-3	2	2									
140.85	148.40	2-3											
148.40	151.80	2	1	2									
151.80	152.60	3									1		
152.60	154.00	3	2			1-2							
154.00	155.30	2				2-3	1						
155.30	157.10	2				2-3	3			3			
157.10	158.50		1				2	2-3					
158.50	160.60	1				3	1-2						
160.60	163.60	1				2	2						
163.60	164.50					3	3						
164.50	165.70					2	3			2			
165.70	167.10	1-2				3	2						
167.10	169.10	1				2	2			1			
169.10	173.60	1		1		1	1			2			weak hornfelsing
173.60	181.40						1		1				
181.40	184.50					1	1						

SG-09-39: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)
2.10	8.10	2	trace				
8.10	9.70	1	<1	trace			
9.70	10.20	<1	trace				
10.20	14.00	2					trace
14.00	17.20	2					trace
17.20	21.20	2					trace
21.20	23.20	2					
23.20	24.70	2	trace				
24.70	26.70	<1	trace				trace
26.70	28.70	1	<1				
28.70	30.60	>1	trace				
30.60	31.80	2	<1	trace			
31.80	36.40	>1					
36.40	38.10	2	trace				
38.10	39.10	>1					
39.10	41.00	2	1				
41.00	45.20	2	trace	trace	trace		
45.20	47.40	2					
47.40	49.20	>1					
49.20	51.20	3	trace				
51.20	54.30	2					
54.30	59.10	2		trace			trace
59.10	60.40	3					
60.40	61.20	2					
61.20	63.20	4					
63.20	66.40	1					trace
66.40	68.80	2					
68.80	70.80	>1		trace			trace
70.80	74.00	2	trace				
74.00	76.10	6		trace			trace
76.10	77.90	7					
77.90	79.10	9					
79.10	82.10	7					
82.10	85.40	7		trace			
85.40	85.90	8		1		3	
85.90	87.70	4					
87.70	89.90	7		trace			
89.90	92.80	2			trace		
92.80	93.60	12					
93.60	95.60	7				trace	
95.60	96.80						
96.80	97.80	3					
97.80	98.80	4					
98.80	100.70	2					
100.70	102.50	3					
102.50	105.30	trace					
105.30	106.30	5					
106.30	107.20	<1					

107.20	110.30	4					
110.30	110.80	1					
110.80	112.80	3	<1				
112.80	114.20	>1					
114.20	115.20	2	trace				
115.20	116.90	4					
116.90	118.90	5					
118.90	122.00	7		trace			
122.00	127.00	20					
127.00	129.60	40 (if black material is Py)					
129.60	133.20	12					
133.20	134.00	>1					
134.00	134.75	10					
134.75	137.00	15		trace			
137.00	138.00	8					
138.00	142.10	12					
142.10	140.85	8					
140.85	148.40	5					
148.40	151.80	8					
151.80	152.60	5					
152.60	154.00	8					
154.00	155.30	6					
155.30	157.10	<1		trace	trace		
157.10	158.50	2					
158.50	160.60	trace					
160.60	163.60	<1					
163.60	164.50	trace					
164.50	165.70	<1					
165.70	167.10	1		trace			
167.10	169.10						
169.10	173.60						
173.60	181.40	trace					
181.40	184.50	trace					

SG-09-39: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia	Fold
2.10	8.10			55								
6.10	8.10						x-cutting qz-carb veins ± py					
9.80	9.90						55 qz vein					
10.20	14.00			44			44 qz vein					
14.00	17.20			54								
17.20	21.20			45						45 gouge		
18.10	18.80								shear zone			
21.20	23.20						41 x-sheeted joints and calcite veins					
24.70	26.70	58					qz-calcite-mo veinlets					
26.70	28.70				53		qz veins					boudinage
28.70	30.60				54							
30.60	31.80			65			65 qz-py-pyrr veins					
31.80	36.40				56							
38.10	39.10								shear zone	57 gouge		
39.10	41.00						banded pyrr-py veins	qz veins				
42.80	43.05						46 qz vein					
46.40	47.40			50					shear			
47.40	49.20				54							
49.20	51.20				56		56 qz vein					
51.20	54.30	60			60							
53.80	54.30						qz-py vein					
60.40	61.20			56			qz vein parallel to foliation		shear zone			
63.20	66.40			47					shear			
66.40	68.80			58		calcareous fractures	pink felsite-carbonate veins					
68.80	70.80			62			62 felsite vein					
70.80	74.00			50			50 epidote-chlorite banding					
74.00	76.10						qz-felsite veins	58 qz-mo vein				
76.10	77.90						qz-felsite veins			gouge		
77.90	79.10						38 qz banding					
79.10	82.10								mylonitic shear			
82.10	85.40			28					mylonitic banding			
85.55	85.75						46 qz-aspy vein				breccia at lower contact	
85.90	87.70								weak-mod sheared texture			s-fold crenulation
87.70	89.90			57			57 banded py					
89.90	9.80						52 banded qz-py-sph veins			microfaulting displaces veins		
93.60	95.60			44							intermittent breccia	
95.60	96.80			57					shear			
95.60	96.00						felsite veining					
96.80	97.80			64								
98.80	100.70			60								
102.30	102.50						30 banded qz-felsite-py					
102.50	105.30			53			late felsite veins					
105.30	106.30			60					weakly sheared			
107.20	110.30			54		abundant calcareous fractures	qz-calcite-felsite veins	local foliation-parallel qz-py veins				
110.80	112.80			72								
112.80	114.20	64	6				epithermal veining			fault at lower contact		
114.20	115.20						late calcite stringers					
115.20	116.90			57					55	gouge		
116.90	118.90					late fracturing				mylonitic banding	brecciation	
118.90	122.00	47								fault at upper contact, gouge, mylonitic banding		
127.00	129.60			62						gouge		
129.60	133.20			36						mylonitic banding		
133.20	134.00										late brecciation	
134.00	134.75	51					late calcite veins				multi-phase brecciation	
134.75	137.00		47							well-developed gouge	pink felsite breccia clasts	
137.00	154.00										strong late brecciation	
140.00	140.50								58 small shear			

144.40	144.60		70	47							gouge		
148.40	151.80			56			banded epithermal veins	irregular qz-py veins					
151.80	152.60						aboundand pink epithermal veining						
152.60	154.00		34						shear zone		58 gouge		
154.00	155.30						late calcite stringers					strong brecciation	
155.30	157.10					late chloritic fracs	63 epidote banding						
157.10	158.50		68						sheared			locally brecciated	
158.50	169.10								weakly sheared				
162.20	162.40						66 qz-carbonate-mariposite vein						
165.70	167.10			35									
167.10	169.10			68							chloritic gouge		
169.10	173.60			60		fracture-filling calcite	qz veining						
173.60	178.60			54			carbonate ± qz veining						
178.60	179.00			60			60						crenulation fabric
				65		late fracturing	65	calcite stringers					

SG-09-40: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
8.50	11.60	Gouge, Metabasalt	Mod-strongly developed gouge, limonitic
11.60	15.50	Metabasalt	Variable, locally strong late fracturing
15.50	18.40	Gouge, Metabasalt	Weak-mod late gouge, fine grained
18.40	19.30	Metabasalt	Med-fine grained, mod limonitic
19.30	20.60	Metabasalt	15% white quartz veins, local gouge
20.60	21.40	Metabasalt	Fine grained, mod foliated
21.40	22.10	Metabasalt	Intermittent narrow gouge zones
22.10	24.20	Metabasalt	Mod foliated, fine grained
24.20	27.10	Gouge, Metabasalt	Strongly developed gouge, strong argillic alt
27.10	30.90	Metabasalt	Mod bleached, weak-mod silicified
30.90	34.20	Metabasalt	Weakly bleached
34.20	35.20	Metabasalt	Weakly sheared
35.20	37.60	Metabasalt	Med grained, mod foliated
37.60	42.20	Metabasalt	Intermittent narrow gouge and fracture zones
42.20	45.40	Metabasalt	Mod-strong quartz-ankerite veining
45.40	46.80	Metadiorite	Coarse grained, mod. Foliated
46.80	49.00	Metabasalt	Mod-strongly foliated
49.00	50.00	Metabasalt	Strong hematite staining
50.00	51.40	Ultramafic	Pyroxenite? Strong limonite and ankerite alteration
51.40	56.10	Ultramafic	75% bleached, 3-4% banded and disseminated magnetite
56.10	57.30	Ultramafic	Silicified, very fine pyrite
57.30	59.80	Ultramafic	Mod-strongly serpentinized
59.80	62.20	Ultramafic	Massive, almost unaltered - non-magnetic
62.20	65.00	Ultramafic	Mod. Bleached
65.00	67.80	Ultramafic	Increasingly fractured to weakly brecciated with depth
67.80	68.80	Ultramafic	Shear zone - banded gouge, strong local mariposite
68.80	71.60	Ultramafic	Strongly fractured, strongly bleached
71.60	73.70	Ultramafic	Mod-strongly bleached, ankeritic
73.70	74.00	Ultramafic	Small shear zone
74.00	76.20	Ultramafic	Strongly bleached, increasing late fractures with depth
76.20	78.30	Brecciated Ultramafic	Very strongly brecciated; mod-strongly limonitic
78.30	81.00	Brecciated Metabasalt	Very strongly brecciated;strongly limonitic
81.00	82.40	Brecciated Metabasalt	Unoxidized; 40% fine pyritic mylonitic bands
82.40	84.40	Brecciated Metabasalt	Strongly brecciated
84.40	86.10	Brecciated Metabasalt	Mod-strongly fractured, banded - patchy oxidized pyrite
86.10	89.80	Breccia (Metabasalt?)	Strong early brecciation, subsequent silicification
89.80	97.00	Brecciated Metabasalt	Mod-strong late brecciation in med grained metabasalt
97.00	98.30	Felsic Dyke?	Protolith unclear; strongly silicified, non-foliated
98.30	98.90	Felsic Dyke?	Shear zone, includes banded pyrite, mariposite
98.90	103.00	Felsic Dyke?	Fairly "massive" intermittent strongly hematitic sections
103.00	104.00	Felsic Dyke?	Strong late fracturing
104.00	105.30	Felsic Dyke?	Fine grained "massive" section
105.30	106.20	Brecciated Metabasalt	Fairly massive, mod foliated, mod. Hematitic
106.20	109.90	Brecciated Metabasalt	Variable fracturing, several small shear zones
109.90	111.90	Brecciated Metabasalt	Increasing fracturing to brecciation

111.90	112.80	Brecciated Metabasalt	Strongly silicified; 15-20% massive pyrite
112.80	114.10	Brecciated Metabasalt	Sheared metabasalt; gouge - near gouge
114.10	121.30	Metagranite, oxidized	Mod limonitic, mod-strongly foliated
121.30	122.50	Weakly Sheared Metagranite	Strongly foliated, med grained; blurred fabric
122.50	123.90	Brecciated Metabasalt	Variable late brecciation; 15% late pink "felsite" veining
123.90	124.70	Brecciated Metabasalt	Strongly chloritic interval
124.70	128.80	Metabasalt	Irregular to "swirling" texture to foliation
128.80	129.60	Metabasalt	Small banded shear zone
129.60	132.40	Metabasalt	Weakly foliated, minor calc-silicate banding
132.40	136.10	Metabasalt	Abundant marble - calc-silicate altered banding
136.10	137.20	Metabasalt	Intercalated marble and metabasalt
137.20	141.20	Metabasalt	Mod foliated, fine grained
141.20	143.20	Sheared Metabasalt	Intermittent late brecciation and gouge
143.20	144.20	Sheared Metabasalt	Skarn in marble unit
144.20	145.00	Mafic Dyke	Fine grained, weakly chloritic
145.00	145.80	Metabasalt/ Marble	Mod biotitic metabasalt
145.80	147.50	Metabasalt/ Marble	Mod skarn development
147.50	149.60	Metabasalt/ Marble	Mod bleached metabasalt
149.60	152.90	Metabasalt/ Marble	Banded skarn interbedded with white marble
152.90	153.60	Metabasalt/ Marble	Banded (fine bedded?) marble
153.60	158.70	Metabasalt/ Marble	Mod-strongly foliated metabasalt
158.70	164.80	Metabasalt/ Marble	Coarse grained (Metagabbro?); strongly foliated
164.80	166.90	Metabasalt/ Marble	Banded marble, epidote enrichment
166.90	169.40	Metabasalt/ Marble	Mod foliated, med grained metabasalt
169.40	170.00	Metabasalt/ Marble	Banded epidote alteration
170.00	172.30	Metabasalt/ Marble	Fairly massive, weakly foliated metabasalt
172.30	175.30	Metabasalt/ Marble	Variable marble bedding in metabasalt
175.30	177.70	Brecciated Metabasalt	Increasing bleaching and silicification
177.70	178.90	Brecciated Metabasalt	Strongly developed fine calcareous stockwork
178.90	180.60	Brecciated Metabasalt	Fine late brecciation, intermittent white quartz
180.60	183.10	Metabasalt	Med-fine grained, mod foliated
183.10	186.20	Metabasalt	Late calcareous fractures; broken core
186.20	188.50	Brecciated Metabasalt	Strong, variable late brecciation, bleached
188.50	190.50	Metabasalt	Weak-mod bleached
190.50	192.00	Metabasalt	Fine grained, mod foliated
192.00	193.20	Metabasalt	Mod cm-scale banding; bleached
193.20	196.50	Metabasalt	Ductile deformation of foliation
196.50	197.70	Sheared Metabasalt	Intermittent zones of bleaching and silicification
197.70	201.95	Sheared Metabasalt	50% massive pyrite and minor chalcopyrite
201.95	203.10	Sheared Metabasalt	Strongly bleached, minor banded mariposite
203.10	204.40	Metabasalt	Variable skarn alteration; mod biotite
204.40	206.80	Metabasalt	Strongly bleached, med grained
206.80	208.90	Metabasalt	Decreasing bleaching with depth
208.90	210.40	Metabasalt	Mod foliated, weakly hornfelsed
210.40	213.20	Sheared Metabasalt	Marginal zone to massive sulphide interval; bleached
213.20	214.30	Massive Sulphide; Metabasalt	Mylonitic upper contact, narrow massive sulphide bands
214.30	219.60	Massive Sulphide; Metabasalt	55% massive pyrite +/- pyrrhotite +/- chalcopyrite
219.60	220.70	Massive Sulphide; Metabasalt	Smaller zones of massive Po, Py and Cpy
220.70	222.30	Metabasalt	Fine-med grained, mod foliated
222.30	224.30	Metabasalt (Altered)	Mod-strongly banded, med grained
224.30	225.00	Metabasalt (Altered)	Fine grained, weakly hematitic
225.00	226.00	Metabasalt (Altered)	Coarse grained, mod foliated
226.00	229.90	Metabasalt (Altered)	Mod foliated, mod-strongly bleached
229.90	231.10	Metabasalt (Altered)	Mod silicified, fine grained metabasalt

231.10	235.90	Metabasalt	Med-coarse grained, mod. Foliated
235.90	237.20	Metabasalt (Altered)	Fine grained, strongly bleached, 8-10% qz-pyrite veins
237.20	238.60	Metabasalt (Altered)	Weakly bleached, med grained
238.60	239.60	Metabasalt (Altered)	Strongly fractured interval; 7-8% qz-pyrite veins
239.60	242.20	Metabasalt (Altered)	Increasing replacement-style pyrite with depth
242.20	242.60	Metabasalt (Altered)	Brecciated, banded pink felsite vein
242.60	246.50	Brecciated Metabasalt	Strong late brecciation, argillic alt overprints phyllic alt
246.50	248.50	Brecciated Metabasalt	Mod silica, mod foliated
248.50	249.00	Brecciated Metabasalt	Intermittent mylonitic, pyritic bands
249.00	249.40	Brecciated Metabasalt	Nearly massive felsite vein
249.40	251.30	Brecciated Metabasalt	Almost massive silica-felsite veining, late quartz veining
251.30	253.90	Brecciated Metabasalt	Hydrothermal brecciation of metabasalt
253.90	256.20	Metadiorite	Med grained, some pink felsite veining
256.20	257.90	Metadiorite	7-8% grey-blue quartz veins
257.90	259.50	Metadiorite	Foliatiuon extends down-hole
259.50	261.00	Metadiorite	Weakly-mod bleached
261.00	265.20	Metadiorite	Intermittent narrow gouge zones
265.20	269.80	Metadiorite	Mod, variable late fracturing; coarse grained

SG-09-40: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From	To	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Epidote	Mariposite	Albite	Hornfels	Skarn	Serpentinized	Ankerite
(m)	(m)															
8.50	11.60	1	2	2	2	1										
11.60	15.50	1		2	2											
15.50	18.40	3		1	1	1										
18.40	19.30	1		2	2											
19.30	20.60	1	2		1	2										
20.60	21.40	1			2											
21.40	22.10		2	1	1											
22.10	24.20	1	1	2	1											
24.20	27.10	1	2	1	2											
27.10	30.90	1		1	2											
30.90	34.20	1		1	2											
34.20	35.20	1-2		1	1											
35.20	37.60	1		1	1											
37.60	42.20	1		2	1											
42.20	45.40	1-2		2	1											
45.40	46.80			1	1											
46.80	49.00	1		2-3	1											
49.00	50.00	1		2												
50.00	51.40	1	1		2											
51.40	56.10	1									1	1				3
56.10	57.30	2														1
57.30	59.80	2													2	1
59.80	65.00	1					1				1				1	1
65.00	67.80	1									1					2
67.80	68.80	2-3									2					2
68.80	71.60	1-2									1					1
71.60	73.70	1									1					2
73.70	74.00		1													3
74.00	75.20	1-2									2					1
75.20	78.30				3						2					2

78.30	81.00	1	3		2	1										1
81.00	82.40	2-3	3								1					
82.40	84.40	1	2	1	2	1										
84.40	86.10	1			2											2
86.10	89.80	3			1											2
89.80	97.00	1-2	1	1												
97.00	98.30	2	1		2											1
98.30	98.90	2	1								2					
98.90	103.00	1-2	1		2						2					
103.00	104.00	1	1-2		2											2
104.00	105.30	2	1		2											1
105.30	106.20	1		1	2											
106.20	109.90	1	2		2											2
109.90	111.90	2	1		2					2						
111.90	112.80	3			2			1								
112.80	114.10	1	2		2-3	1				1						
114.10	121.30	1		2	2											
121.30	122.50	1-2	1	2		2		2								
122.50	123.90	1	1				2									
123.90	128.80					2		1		2						
128.80	129.60		1			1	3									
129.60	132.40					2	2	1		2						
132.40	136.10	1				2	3	2		2						
136.10	137.20					3	1	1								
137.20	141.20					1	2									
141.20	143.20	1				2	2									
143.20	144.20	1				3		3						skarn		
144.20	145.00						2									
145.00	145.80								2							
145.80	147.50					2		2		2						
147.50	149.60								2							
149.60	152.90					3		2		2						
152.90	158.70					2			3	2						
158.70	164.80								2							
164.80	166.90				3					3						
166.90	169.40								2							
169.40	170.00	1				1				2						
170.00	172.30					1	1									
172.30	175.30	1				3	1			3						
175.30	177.70	1		1		1				1						

177.70	178.90	1-2	1			1	1									
178.90	180.60	1-2	1	2		1										
180.60	183.10					1	2			1				skarn		
183.10	186.20	1	1			2	2									
186.20	188.50	2	2			2	1									
188.50	190.50	1		1		2	2									
190.50	192.00					1	2									
192.00	193.20	1				2	1									
193.20	196.50	1				2-3	3									
196.50	197.70	1	2	1		1										
197.70	201.95	2	2	2												
201.95	203.10	1	2	2		1					1					
203.10	204.40						1		2							
204.40	206.80	1		2										skarn band		
206.80	208.90	1	1	2		1							weak			
208.90	210.40	1	1	2		1	1		1							
210.40	213.20	2		2												
213.20	214.30	2-3	2	2												
214.30	219.60	2	1	2			1									
219.60	220.70						1									
220.70	224.30	1	1	2												
224.30	225.00	1	1	2												
225.00	226.00		1	2												
226.00	229.90	1		2												
229.90	231.10	2		1												
231.10	235.90						2		2							
235.90	237.20	1		2												
237.20	238.60		1	1												
238.60	239.60		2-3	1		2										
239.60	242.20	1	1	2												
242.20	242.60	1	1	2	2											
242.60	246.50	1	2-3	1			1									
246.50	248.50	1-2	2	2												
248.50	249.00	1	2	1												
249.00	249.40	3	1	1												
249.40	251.30	3														
251.30	253.90	2														
253.90	256.20	1	1	2												
256.20	257.90		1	2-3												
257.90	259.50		1	2-3												

259.50	261.00			2												
261.00	265.20	1	2	2			1									
265.20	269.80	1	1	2												

SG-09-40: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)	Hematite (hem)
8.50	11.60	<1							
11.60	15.50	<1							
15.50	18.40	<1							
18.40	19.30	trace							
19.30	20.60	trace							
20.60	21.40	1							
21.40	22.10	<1							
22.10	24.20	trace							
24.20	27.10	trace							
27.10	30.90	1							
30.90	34.20	<1							
34.20	35.20	1							
35.20	37.60	<1							
37.60	42.20	<1							
42.20	45.40	<1							
45.40	46.80	trace							
46.80	49.00	trace							
49.00	50.00	trace							
50.00	51.40	trace							
51.40	56.10	trace							
56.10	57.30	2					trace		
57.30	59.80	trace						4	
59.80	65.00							7	
65.00	67.80							1	
67.80	68.80	trace						trace	
68.80	71.60	trace						1	
71.60	73.70							5	
73.70	74.00	trace						trace	
74.00	75.20								
75.20	78.30								
78.30	81.00	trace							
81.00	82.40	20							
82.40	84.40	4-5							
84.40	86.10	5							
86.10	89.80	6							
89.80	97.00	2							2
97.00	98.30	5							
98.30	98.90	10							
98.90	103.00	4		trace					
103.00	104.00	7							
104.00	105.30	6							
105.30	106.20	5							2
106.20	109.90	5							
109.90	111.90	4							
111.90	112.80	12							2
112.80	114.10	4							
114.10	121.30	3							
121.30	122.50	>1	trace						
122.50	123.90	<1	trace						

123.90	128.80	<1	trace						
128.80	129.60								
129.60	132.40	trace	trace						
132.40	136.10								
136.10	137.20	>1	trace	trace					
137.20	141.20								
141.20	143.20	2			trace				
143.20	144.20	3							
144.20	145.00	1							
145.00	145.80								
145.80	147.50	1	trace	trace					
147.50	149.60	trace							
149.60	152.90	<1	trace						
152.90	158.70	<1	trace						
158.70	164.80	<1							
164.80	166.90								
166.90	169.40	trace							
169.40	170.00	trace							
170.00	172.30								
172.30	175.30								
175.30	177.70	trace							
177.70	178.90	<1	trace						
178.90	180.60	<1	trace						
180.60	183.10	trace	trace						
183.10	186.20	<1	trace	trace					
186.20	188.50	<1							
188.50	190.50	<1							
190.50	192.00	trace							
192.00	193.20	<1							
193.20	196.50	<1							
196.50	197.70	3							
197.70	201.95	40	4-5	<1					
201.95	203.10	3							
203.10	204.40	<1	<1						
204.40	206.80	3							
206.80	208.90	2	trace						
208.90	210.40	trace							
210.40	213.20	4							
213.20	214.30	18	3	<1		trace			
214.30	219.60	40	7	>1					
219.60	220.70	10	6	<1					
220.70	224.30								
224.30	225.00	2							
225.00	226.00	3							
226.00	229.90	2							
229.90	231.10	3			trace				
231.10	235.90	<1							
235.90	237.20	8							
237.20	238.60	trace							
238.60	239.60	5							
239.60	242.20	10		<1					
242.20	242.60	5		trace					
242.60	246.50	5							
246.50	248.50	7		trace					
248.50	249.00	8							
249.00	249.40	<1		trace					
249.40	251.30	1		trace					

251.30	253.90	3		trace					
253.90	256.20	3		trace					
256.20	257.90	4		trace					
257.90	259.50	5		trace					
259.50	261.00	2							
261.00	265.20	3							
265.20	269.80	1							

SG-09-40: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From	To	Upper Contact	Lower Contact	Schistosity	Gneissosity	Fracture 1	Vein 1	Vein 2	Shear	Fault	Breccia
(m)	(m)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)	(°TCA)			
8.50	11.60			62						gouge	
11.60	15.50			62		abundant late fracturing	qz veins				
15.50	18.40						qz-carbonate veins	calcareous stringers	60	gouge	
19.30	20.60	58					qz veins	x-cutting ankerite veins		gouge	brecciated
22.10	24.20			53						gouge	
24.20	27.10			49			irregualr qz veins	pyritic stringers		well-developed gouge	
27.10	30.90			62							
30.90	34.20			55							
34.20	35.20			57			57 qz veins		shear		
35.20	37.60			66			qz veining				
37.60	42.20					irregualr fractures	qz-ankerite veining	variable hematitic banding		66 linear gouge zones	
42.20	45.40			62		late fractures	qz-ankerite veining	qz veins			
45.40	46.80				53		x-cutting qz-ankerite veins				
46.80	49.00			48							
49.00	50.00					late qz-ankerite fractures					
50.00	51.40	29									
51.40	56.10		68				qz-albite veins	x-cutting carbonate veins		faulted lower contact	
57.30	59.80	60	62				ankeritic veinlets				
59.80	65.00	43	72				late qz-ankerite veins		shear at upper contact		
67.80	68.80			52			epithermal banded chalcedonic qz veining		shear zone		
68.80	71.60		43			abundant fractures			shear zone at lower contact		
73.70	74.00			52			ankeritic veining		shear zone		
74.00	75.20					late fractures	qz-ankerite stockwork				
75.20	78.30		53								brecciated
78.30	81.00			63					faint shear fabric		strong brecciation
81.00	82.40			43						mylonite bands	
82.40	84.40						qz vein clasts		shear		strong brecciation
84.40	86.10		72			fractured			sheared lower contact		
86.10	89.80		58				ankeritic veins		sheared lower contact		
89.80	97.00				40		48 banded chalcedonic veins		48 shear zone	78 fault	late brecciation
97.00	98.30	45									
98.30	98.90						49 banded py and mariposite		49 shear zone		
98.90	103.00						late zeolite veins				
103.00	104.00					heavily fractured zone	late zeolite veining				
104.00	105.30		19								
106.20	109.90					variable fracturing	qz vein		40 shear zones		
109.90	111.90						49 banded quartz			intermittent gouge	brecciated
111.90	112.80			47			banded py and hematite				
112.80	114.10		54							fault at lower contact	
114.10	119.70			68							
119.70	121.30			42		moderate fracturing					
121.30	122.50				47		felsite veining			gouge	
122.50	123.90						felsite veining	calcite veining	49	narrow gouge	variable brecciation
123.90	128.80			28							
128.80	129.60								60 shear zone		
129.60	132.40						calc-silicate banding	qz vein			
132.40	136.10						banded garnets				
136.10	137.20						late fracture-filling calcite veins				
137.20	141.20			22							
141.20	143.20						54 qz-py vein		shear zone at lower contact	gouge	intermittent late brecciation
143.20	144.20		24								
145.80	147.50			50			50 epidote, calc-sil banding				
149.60	152.90	44					qz vein at upper contact	epithermal qz-calcite veining			
152.90	153.60						banded marble	x-cutting epithermal vein			

158.70	164.80			28							
164.80	166.90						36 marble banding				
169.40	170.00						47 banded epidote	qz vein			
172.30	175.30						45 marble bed				
175.30	177.70			55			55 qz vein				
177.70	178.90						fine calcareous stockwork				
178.90	180.60						qz veining		53		
180.60	183.10						banded skarn alteration				
183.10	186.20			56		late calcareous fractures	1 cm carbonate-py-cpy vein				
186.20	188.50									gouge	late brecciation
188.50	190.50			54			calcite veining				
192.00	193.20						63 bleached bands				
193.20	196.50						1cm qz vein			gouge near base	
196.50	197.70					pyritic fracture system					
197.70	201.95	38	35				qz veins hosting 50 percent py			gouge at base	
201.95	203.10						pink felsite veins			gouge	
203.10	204.40						felsite veining	chlorite ± py veins			
204.40	206.80					pyritic fractures			66		
206.80	208.90						52 skarn band				
210.40	213.20			57		late pyritic fractures	qz veins		sheared		
213.20	214.30	61					late felsite veins		sheared upper contact		
214.30	219.60						62 massive sulphide bands				
219.60	220.70			60			60 banded zones				
220.70	224.30			66			feldspar-qz-py vein at top				
224.30	225.00					late fractures displace felsite veins	silica-py veins	x-cutting felsite veins			
225.00	226.00			48			qz-felsdspar veins ± py				
226.00	229.90			43			qz ± py ± minor sph				
229.90	231.10	52				late calcite fractures	banded felsite veins	qz-felspar-py veins		fault at upper contact	
231.10	235.90			45		late calcareous fractures					
235.90	237.20			35			pink felsite veins				
238.60	239.60									35 gouge	late brecciation
239.60	242.20			37							
242.20	242.60						banded pink felsite vein at top				brecciated
242.60	246.50		54	25			pink epithermal vein at base		sheared at lower contact		
246.50	248.50						3 cm qz-py vein	x-cutting epithermal qz veins		gouge	breccia
248.50	249.00						minor pink felsite veining			80 mylonitic banding	
249.00	249.40		85				massive felsite vein				
249.40	251.30		35				massive felsite-silica veining	late qz stockwork			
251.30	253.90						felsite vein clasts				hydorthermal brecciation
253.90	256.20				25		banded pink felsite veining ± py				
256.20	257.90						qz-py veins	narrow felsite veins			
257.90	259.50				0		qz veins				
259.50	261.00						vein-hosted py				
261.00	265.20				22		qz veins ± py			intermittent narrow gouge zones	
265.20	269.80				26	late fracturing	minor felsite-py veining	cm-scale banded py-aspy veins near base			

SG-09-41: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
3.00	4.40	Metabasalt	Med grained, mod foliated, mod oxidized
4.40	5.40	Metabasalt	Bleached, limonitic section
5.40	6.80	Metabasalt	Mod foliated, weakly oxidized
6.80	7.80	Metabasalt	Small shear zone; limonitic shear
7.80	13.70	Metabasalt	Mod foliated, weakly oxidized
13.70	14.40	Sheared Metabasalt	Gouge zone, strongly limonitic
14.40	15.80	Sheared Metabasalt	Weakly limonitic, decreasing foliation
15.80	20.30	Metabasalt	Fine grained, weak-mod foliated
20.30	21.60	Metabasalt	35-40% white quartz veins
21.60	27.70	Metabasalt	Almost unaltered, weak-mod foliation
27.70	30.40	Metabasalt	Medium grained
30.40	31.40	Metabasalt	Fine grained, weakly foliated
31.40	34.00	Metabasalt	Slight increase in foliation
34.00	36.00	Metabasalt	Increasing foliation and silicification
36.00	37.00	Metabasalt	Banded oxidation
37.00	38.70	Metabasalt	Mod continuous oxidation; 2-3% ankeritic fracturing
38.70	39.00	Metabasalt	Strongly limonitic gouge
39.00	39.20	Metabasalt	Small F.P. Monzonite dyke
39.20	40.70	Metabasalt	Mod limonitic, mod foliated
40.70	45.10	Feldspar Porphyritic Monzonite	30-35% feldspar clasts, fine grained groundmass
45.10	48.10	Weakly Sheared Metabasalt	Fine grained; 6-7% banded quartz veins
48.10	51.00	Metabasalt	Fine grained, weakly foliated
51.00	53.90	Metabasalt	20-25% early white quartz veining
53.90	56.00	Metabasalt	Mod foliated, fine grained
56.00	58.30	Metabasalt	Intermittent zones of broken core
58.30	61.20	Metabasalt	20% early quartz veins
61.20	62.60	Metabasalt	Mod. Broken core along late fractures
62.60	65.40	Metabasalt	Weakly hornfelsed, mod foliated
65.40	68.30	Metabasalt	Weakly hornfelsed, mod foliated
68.30	69.90	Weakly Sheared Metabasalt	Fine grained; minor quartz-moly stringers
69.90	72.30	Weakly Sheared Metabasalt	Coarse sericite and biotite development
72.30	75.40	Weakly Sheared Metabasalt	Weak-mod bleached, med grained
75.40	82.50	Metabasalt	Fine grained, weak-mod foliated
82.50	85.30	Metabasalt	Weak-mod calc-silicate development
85.30	91.40	Metabasalt	Intermittent bleaching
91.40	92.10	Metabasalt	Banded quartz-pyrite veining
92.10	95.70	Metagranite	Coarse grained; mod foliated, fabric locally blurred
95.70	96.10	Metagranite	White quartz vein
96.10	98.20	Metagranite	Weak-mod silicification, textures blurred
98.20	106.70	Metagranite	Coarse grained, mod foliated
106.70	109.40	Metagranite	3% late fracture-filling polymetallic veinlets
109.40	117.00	Metagranite	Coarse grained, strongly foliated
117.00	117.20	Metagranite	Massive quartz vein, minor pyrite and moly
117.20	121.10	Metagranite	Mod bleached, original fabric somewhat blurred
121.10	122.20	Metagranite	5% quatz-molybdenite veins
122.20	136.20	Metagranite	Fairly uniform interval; mod-strongly bleached
136.20	140.80	Metagranite	7-8% pyrite +/- moly veining
140.80	144.00	Metagranite	Mod-strongly foliated, med-coarse grained

144.00	145.50	Metagranite	Shear zone, includes gouge
145.50	150.00	Metagranite	Coarse grained, silicification increases with depth
150.00	151.20	Feldspar Porphyritic Monzonite	15% feldspar clasts; 8-10% dissem + blotchy pyrite
151.20	151.80	Metagranite	Strongly foliated, med-coarse grained
151.80	153.70	Feldspar Porphyritic Monzonite	Rare quartz porphyries
153.70	156.00	Feldspar Porphyritic Monzonite	Fairly "massive"; disseminated pyrite
156.00	156.90	Feldspar Porphyritic Monzonite	Blurred textures, increased hematite staining
156.90	158.90	Monzonite	Fine grained intrusive? Textures strongly blurred
158.90	159.90	Sheared Metagranite	Strongly sheared, 8% grey quartz veining
159.90	161.30	Sheared Metagranite	Strongly sheared, 7-8% grey quartz veining
161.30	162.60	Sheared Metagranite	Coarse grained, narrow fault-bounded mariposite bands
162.60	163.40	Sheared Metabasalt	Strongly sheared, includes brecciated "felsite" veining
163.40	164.60	Brecciated F.P. Monzonite	Strongly sheared, local quartz eyes
164.60	165.90	Brecciated F.P. Monzonite	Gouge with strongly pyritic fragments
165.90	168.20	Metagranite	Strongly foliated, coarse grained
168.20	169.20	Feldspar Porphyritic Monzonite	25-30% Feldspar porphyries, 2-3% biotite
169.20	171.50	Sheared Metagranite	35% grey-white quartz veining
171.50	172.60	Feldspar Porphyritic Monzonite	15-20% feldspar porphyries
172.60	173.30	Sheared Metagranite	1-2% pink felsite veins
173.30	174.40	Brecciated Mafic Dyke	Strongly fractured; 3-4% epithermal veining
174.40	175.70	Brecciated Mafic Dyke	Strongly brecciated and silicified
175.70	178.80	Brecciated Mafic Dyke	Strong late fracturing to brecciation
178.80	180.60	Sheared Metagranite	Strong early brecciatioon, rehealed by subsequent silica
180.60	182.10	Sheared Metagranite	Banded quartz-feldspar-py-arseno vein
182.10	183.10	Sheared Metagranite	Qz-pyrite-arseno in shear zone
183.10	184.30	Metagranite	Weakly sheared, weakly-mod bleached
184.30	188.60	Metagranite	Stgrongly foliated, locally crenulated fabric
188.60	190.80	Metagranite	Late fracturing, commonly pyritic
190.80	192.30	Metagranite	Strong fracturing; 15% quartz-pyrite veining
192.30	195.10	Metagranite	Coarse grained, strongly foliated
195.10	198.40	Metagranite	Strongly foliated; 5-6% epithermal "felsite" veins
198.40	201.80	Metagranite	Coarse grained, strongly foliated
201.80	203.80	Metagranite	Late fractuyring, 8-10% grey-white quartz veins
203.80	208.20	Metagranite	Strongly foliated; mod, variable late fracturing
208.20	210.70	Metagranite	Strong foliation, banded to irregular grey quartz veining
210.70	212.40	Metagranite	Weak shear zone, coarse muscovite
212.40	214.70	Metagranite	Weakly sheared, orange-tan coloured
214.70	216.40	Metagranite	Weakly bleached, strongly foliated
216.40	218.60	Metagranite	Strongly foliated, mod red hematite
218.60	220.10	Metagranite	Variably bleached, strongly foliated
220.10	225.40	Metagranite	Strongly foliated, strongly bleached
225.40	226.10	Metagranite	Narrow shear zone
226.10	228.80	Metagranite	Strongly foliated, coarse grained
228.80	230.20	Sheared Metagranite	Weakly sheared, weak-mod bleaching
230.20	231.70	Sheared Metagranite	Weakly sheared, mod-strong red hematitie
231.70	233.20	Sheared Metagranite	Med grained, weakly foliated
233.20	235.70	Sheared Metagranite	Weakly sheared, med-coarse grained
235.70	236.50	Sheared Metagranite	Gouge, 8-9% irregular + banded pyrite
236.50	237.70	Metabasalt	Strongly foliated, bleached, med-coarse grained
237.70	240.60	Metabasalt (Metagabbro?)	Med-coarse grained, strongly foliated, almost unaltered
240.60	244.20	Metabasalt (Metagabbro?)	Progressive increase in silicification with depth
244.20	249.70	Metabasalt (Metagabbro?)	5% quartz +/- moly +/- pyrite veins
249.70	252.10	Metagranite	Coarse grained, strongly bleached

SG-09-41: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Calc-Silicate	Biotite	Mariposite	Hornfels	Muscovite
3.00	4.40				1							
4.40	5.40	1		1	2							
5.40	6.80			1	1							
6.80	7.80		2		2							
7.80	13.70			1	2							
13.70	14.40		2	1	3							
14.40	15.80			2	1	2						
15.80	20.30				1							
20.30	21.60				1	1						
21.60	27.70				1	1						
27.70	30.40				1	1						
30.40	31.40				1	1						
31.40	34.00				1	1						
34.00	36.00	1-2	1		1	1						
36.00	37.00	2			2		1					
37.00	38.70	1	1	1	2							
38.70	39.00	1	2-3	1	3							
39.00	39.20	1-2	1		1							
39.20	40.70	2		2	2							
40.70	45.10	1-2	1	2		1						
45.10	48.10	1-2	1	1		1						
48.10	51.00			1								
51.00	53.90					1						
53.90	56.00					1						
56.00	58.30			1		1						
58.30	61.20	1				1						
61.20	62.60	1				1						
62.60	65.40			1								
65.40	68.30	1		1					2		weak-mod	
68.30	69.90	1		2			1					
69.90	72.30			2		1			3			
72.30	75.40	1		1	1				2			
75.40	82.50											
82.50	85.30	1						2				
85.30	91.40	1		1		1						
91.40	92.10	1				2						
92.10	95.70	1		2		1	1					
95.70	96.10											
96.10	98.20	1	1	2		1						
98.20	106.70	1		2								
106.70	109.40	1-2	1	2								
109.40	117.00	1		2								
117.00	117.20	3										
117.20	121.10	2		2		1						
121.10	122.20	1		2								
122.20	136.20	1		2-3								
136.20	140.80	1	1	2								
140.80	145.50	2	2	1								
145.50	150.00	2		3								
150.00	151.20		1	1								
151.20	151.80	1		2-3								
151.80	153.70	1	1	2								
153.70	156.00	1	1	1								
156.00	156.90	1		2								
156.90	158.90	2		2			2					
158.90	159.90	1	2	2								
159.90	161.30	1	1	2-3								
161.30	162.60	2	2	2						2		
162.60	613.40	2	2	1						1		

613.40	164.60	2	3									
164.60	165.90	2	3									
165.90	168.20	1	1	2								
168.20	169.20	1	1	1								
169.20	171.50	3	1	1								
171.50	172.60	1	2	1								
172.60	173.30	2-3	1	2								
173.30	174.40	1	2	1								
174.40	175.70	2	3	1								
175.70	178.80	1	2	2								
178.80	180.60	2	2	1								
180.60	182.10	2-3	2	1								
182.10	183.10	2	2			1						
183.10	184.30	2	1	1								
184.30	188.60	1	1	2-3								
188.60	190.80	1	1	2-3								
190.80	192.30	1	1	3								
192.30	195.10	1		2-3								
195.10	198.40	2	2	2								
198.40	201.80	2		2-3								
201.80	203.80		1	2								2
203.80	208.20	1		2		1						
208.20	210.70	1	1	2								
210.70	212.40	1-2	1	3								
212.40	214.70	1		2								
214.70	216.40	1		1								
216.40	218.60	1		2-3								
218.60	220.10	1-2		1								
220.10	225.40	1		2								
225.40	226.10	1	2	2								
226.10	228.80	1	1	2-3								
228.80	230.20		2	2			1					
230.20	231.70		1	2		1						
231.70	233.20	1		1			1					
233.20	235.70	1	1	2-3								
235.70	236.50	1	3									
236.50	237.70	1-2		2								
237.70	240.60		1	1		1						
240.60	244.20	1-2		1				1				
244.20	249.70	1	1	2-3								
249.70	252.10	1		2								

SG-09-41: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Hematite (hem)
3.00	4.40	<1							
4.40	5.40	<1						trace	
5.40	6.80								
6.80	7.80	trace							
7.80	13.70	>1							
13.70	14.40	1							
14.40	15.80	3							
15.80	20.30	>1							
20.30	21.60	trace							
21.60	27.70	trace							
27.70	30.40	<1						trace	
30.40	31.40	trace							
31.40	34.00	trace							
34.00	36.00	2							
36.00	37.00	2							
37.00	38.70	2		trace					
38.70	39.00	<1							
39.00	39.20	5							
39.20	40.70	3							
40.70	45.10	4							
45.10	48.10	>1							
48.10	51.00	<1					<1		
51.00	53.90	trace							
53.90	56.00	trace		trace			trace		
56.00	58.30	<1		trace			<1		
58.30	61.20	trace					trace		
61.20	62.60	trace							
62.60	65.40	trace							
65.40	68.30	<1	trace						
68.30	69.90	<1		trace		trace		trace	
69.90	72.30	>1							
72.30	75.40	<1						trace	
75.40	82.50	<1							
82.50	85.30	4	>1	<1				trace	
85.30	91.40	2			trace	trace	trace		
91.40	92.10	2		trace					
92.10	95.70	6			trace	trace		trace	
95.70	96.10	trace							
96.10	98.20	3							
98.20	106.70	3							
106.70	109.40	3			trace	trace	trace		
109.40	117.00	3		trace					
117.00	117.20	1						trace	
117.20	121.10	1						trace	
121.10	122.20	>1	<1	trace					
122.20	136.20	2						trace	
136.20	140.80	4		trace			trace	<1	
140.80	145.50	5						<1	

145.50	150.00	7							
150.00	151.20	10							
151.20	151.80	2						<1	
151.80	153.70	8		trace			>1		
153.70	156.00	2							
156.00	156.90	3							
156.90	158.90	8		trace			1	trace	
158.90	159.90	7							
159.90	161.30	2							1
161.30	162.60	8							
162.60	613.40	20					>1	trace	
613.40	164.60	8							
164.60	165.90	6							
165.90	168.20	2							
168.20	169.20	6							
169.20	171.50	3							
171.50	172.60	5							
172.60	173.30	3							
173.30	174.40	5		trace					
174.40	175.70	12		trace			<1	trace	
175.70	178.80	12		trace			<1	trace	
178.80	180.60	5					trace		
180.60	182.10	6		trace			>1	trace	
182.10	183.10	12					3	trace	
183.10	184.30	2						trace	
184.30	188.60	2						trace	
188.60	190.80	3							
190.80	192.30	2			trace	<1	trace		
192.30	195.10	>1		trace	trace	<1			
195.10	198.40	2			<1	trace	1		
198.40	201.80	>1						trace	
201.80	203.80	>1		trace	trace	trace			
203.80	208.20	2		trace			<1		1
208.20	210.70	3		trace			<1		1
210.70	212.40	1							1
212.40	214.70	5							1
214.70	216.40	2							
216.40	218.60	>1		trace				trace	2
218.60	220.10	1							
220.10	225.40	4		trace					
225.40	226.10	5							
226.10	228.80	2		trace		trace			
228.80	230.20	2							
230.20	231.70	>1							
231.70	233.20	4	<1						
233.20	235.70	5		<1	trace				
235.70	236.50	8							
236.50	237.70	2		trace				trace	
237.70	240.60	trace							
240.60	244.20	>1	trace					trace	
244.20	249.70	>1						trace	
249.70	252.10	<1						trace	

SG-09-41: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia	Fold
3.00	4.40			13			qz-py veinlets					
4.40	5.40						2 cm qz vein					
5.40	6.80						x-cutting qz-carbonate vein					
6.80	7.80								22 shear zone	intermittent gouge		
7.80	13.70			25								
13.70	14.40						x-cutting qz-py veins					z-folded band
14.40	15.80						late zeolite veins	x-cutting massive py veins				
15.80	20.30			20			early qz vein					boudinaged veins
20.30	21.60					x-cutting calcareous fractures	qz veins			veins offset by faulting		
21.60	27.70			10			x-cutting qz-carbonate veins					
27.70	30.40			21			veinlets with trace Mo	qz-carbonate veins				
30.40	31.40						qz-carbonate stringers					
31.40	34.00						banded qz-carb veins		22			
34.00	36.00			35			banded qz veining	late qz-carb stringers				
36.00	37.00						qz veins			dextral offset of qz vein		
37.00	38.70			28		fracture-controlled py	qz-carbonate veins					
38.70	39.00									gouge		
39.20	40.70						x-cutting qz veins					
40.70	45.10	60	39						weak shearing	fault at lower contact		
45.10	48.10			35			35 banded qz veins	x-cutting qz-py veins				
48.10	51.00						cm-scale qz-py-aspy vein	late calcareous veinlets				
51.00	53.90			32			32 qz veining	qz-calcite veinlets				
53.90	56.00						qz-calcite stringers					
56.00	58.30			28		calcareous fractures	cm-scale qz-py-aspy vein					
58.30	61.20			23			qz-aspy veinlets	later calcite veinlets				local boudinage
62.60	65.40						68 qz vein near base					
65.40	68.30			32			rare early qz-py veins					
68.30	69.90			33			33 5cm qz vein	x-cutting qz-mo stringers and qz-py-sph-cpy stringers				
69.90	72.30			38								
72.30	75.40						qz-mo stringers	late calcite stringers				
75.40	82.50			27			late qz-py veining					
82.50	85.30			44								
85.30	91.40						qz veins ± py	43 qz-sph-cpy-aspy-ga veinlets				
91.40	92.10			34			34 banded qz-py veins					
92.10	95.70				40		sph-ga stringers overprinted by py					
95.70	96.10						qz vein with trace py					
96.10	98.20						cm-scale qz-mo vein	qz-py vein				
98.20	106.70						21 banded qz	qz-mo veins and stringers				
106.70	104.60											
104.60	109.40				25		late sph-aspy-ga-py veinlets	banded qz-py veins	35 weak shear			
109.40	117.00				31		31 qz-hematite veins					
117.00	117.20	46					massive qz-py-mo vein					
117.20	121.10				32		minor qz-mo veins					
121.10	122.20				36		36 banded qz-mo veins					
122.20	136.20				35		35 joints					s-fold crenulation
136.20	140.80				50							
140.80	144.00				25	pyritic fractures	silica veins					
144.00	145.50	25							shear at upper contact			
145.50	150.00				39		banded silica veins					
150.00	151.20	34				late calcite fracturing						
151.80	153.70	17					qz-felsite-aspy vein	qz-calcit-cpy vein				
156.90	158.90					60 open sheeted fractures					early brecciation	
158.90	159.90		39						cm-scale shear zones			
159.90	161.30				25		qz veining					
161.30	162.60									fault extends down-hole		
162.60	163.40									24	fault breccia	

613.40	164.60								strong shear fabric		brecciated		
164.60	165.90									gouge			
165.90	168.20				23								
169.20	171.50					fracture-controlled Py			moderate shearing				
171.50	172.60				42								
173.30	174.40						felsite veining	py-cpy veins					
174.40	175.70			35			felsite-py veining		sheared		strongly brecciated		
175.70	178.80		47						55 weak shearing		strong late brecciation		
180.60	182.10						qz stringers	py stringers			strong early brecciation		
182.10	183.10						13	calcite veining	13				
184.30	188.60				25		qz-py veins	mo stringers				locally crenulated	
188.60	190.80				18	late fracturing							
192.30	195.10				16		qz-ga-sph-cpy veinlets						
195.10	198.40						qz-felsite-aspy veins				74 breccia zone		
198.40	201.80								27 shear zone				
203.80	208.20				30		qz-felsite-aspy veins						
208.20	210.70				15				22				
210.70	212.40				30		qz-py stringers	x-cutting felsite-py veining					
216.40	218.60				25								
225.40	226.10								23				
226.10	228.80				16		qz veining	late qz-py-cpy veins					
230.20	231.70				30		qz veins	late calcite stringers					
231.70	233.20						qz veins		57				
233.20	235.70				38		x-cutting qz-cpy veins		38 offsets veins				
235.70	236.50		37				qz vein clasts			gouge			
237.70	240.60				20		qz veins	qz-feldspar veins					
240.60	244.20				28		pink felsite veins						
244.20	249.70				23		23 qz ± mo ± py veins			11			
249.70	252.10				30		qz-py veining	qz-mo veining					

SG-09-42: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	"Lithology"
16.8	29.0	soil/gravel
29.0	34.0	soil
34.0	67.8	colluvium
67.8	71.3	colluvium and till
71.3	73.8	till
Terminated in overburden		

SG-09-43: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
5.50	8.20	Metadiorite	Med grained, mod foliated
8.20	11.50	Metadiorite	Mod-strongly foliated; textures blurred
11.50	15.20	Metadiorite	Mod foliated, some late fracturing
15.20	16.60	Metadiorite	Varuiable, locally strong late fracturing
16.60	20.30	Metadiorite	Mod foliated
20.30	21.80	Sheared Metadiorite	Mod-strongly foliated, includes metabasalt
21.80	23.10	Sheared Metadiorite	Strongly developed late shearing
23.10	26.00	Sheared Metadiorite	7-8% banded quartz-pyrite veins
26.00	27.10	Sheared Metadiorite	Mod late fracturing, local brecciation
27.10	28.00	Sheared Metadiorite	Banded limonite staining
28.00	36.20	Metadiorite	Intercalation of coarse with med-grained sections
36.20	36.90	Feldspar Porphyritic Monzonite	40% feldspar porphyries, aphanitic groundmass
36.90	40.20	Feldspar Porphyritic Monzonite	Mod late fracturing
40.20	41.50	Feldspar Porphyritic Monzonite	Strong sericite alt; lesser late fracturing
41.50	44.50	Feldspar Porphyritic Monzonite	Massive" section; 3-4% Qz-carb +/-chalco stringers
44.50	46.80	Feldspar Porphyritic Monzonite	Brecciated; includes transported fragments
46.80	47.90	Sheared Metabasalt	Strongly sheared, med grained
47.90	51.30	Metabasalt	Fine grained, weakly foliated
51.30	53.80	Metadiorite/ Metabasalt	Intercalated metadiorite with metabasalt; weak limonite
53.80	59.80	Metadiorite/ Metabasalt	70-75% metadiorite, med-coarse grained
59.80	61.70	Metadiorite/ Metabasalt	Mod bleached, mod foliated
61.70	63.70	Metadiorite/ Metabasalt	Thin intercalations of metabasalt
63.70	64.90	Metabasalt	Fine grained, weakly banded
64.90	66.30	Metabasalt	Weak-mod bleaching - 1 speck Visible Gold
66.30	73.10	Metabasalt	Fine grained, mod foliated
73.10	74.80	Metabasalt	Mod bleached; 5% banded qz-pyrite +/- arseno veins
74.80	78.60	Metabasalt	Intercalated mbasalt with lesser metadiorite
78.60	81.80	Metabasalt	Fine grained, mod foliated
81.80	83.80	Skarn in Metabasalt	Weak-mod epidote banding
83.80	85.90	Skarn in Metabasalt	3-4% early banded quartz veining
85.90	88.20	Skarn in Metabasalt	Banded; mod-strong chlorite, weak epidote alt
88.20	93.40	Skarn in Metabasalt	Mod-strong banded epidote, banded garnet
93.40	97.00	Skarn in Metabasalt	Intermittent banded epidote +/- garnet
97.00	97.60	Sheared metasediments	Weakly - mod sheared; 15-20% late calcite veins
97.60	98.80	Sheared metasediments	Strongly developed garnet bands, interbedded with chlorite
98.80	100.00	Sheared metasediments	Banded garnet in mod chloritic marble
100.00	100.90	Sheared metasediments	Sheared; chlorite along shear planes
100.90	102.10	Marble "Front"	Smooth marble with banded epidote
102.10	106.40	Marble "Front"	Unaltered marble; "S"-fold development
106.40	106.80	Massive Sulphide	40% pyrite, 30% pyrrhotite; chloritized
106.80	107.50	Marble	Med grained; banded olive-coloured chlorite
107.50	108.80	Marble	Weak biotitic banding
108.80	110.70	Marble	Banded garnet in chlorite-epidote skarn
110.70	113.60	Marble	40% "black mineral", swirling texture
113.60	114.60	Marble	3-4% silica-albite stringers
114.60	115.40	Shear Zone	Unknown protolith; strong silica alteration
115.40	117.20	Marble Skarn	Strong garnet development
117.20	118.50	Marble	Banded med grained recrystallized marble
118.50	119.00	Marble Skarn	Banded chlorite with garnet
119.00	120.30	Metabasalt	Fine grained, mod foliated, banded
120.30	126.40	Skarn in Metasediments	Med grained, locally strong epidote development
126.40	127.60	Skarn in Metasediments	Fine grained interval, strong garnet development

127.60	129.70	Ultramafic (Pyroxenite?)	Strongly bleached, sheared upper contact
129.70	130.40	Sheared Metabasalt	50-55% beige epithermal veining and vein breccia
130.40	130.90	Sheared Metabasalt	Mod-strongly foliated
130.90	132.50	Mineralized Skarn	20-25% massive blackjack overprinted by 25-30% pyrite
132.50	134.00	Mineralized Skarn	Strongly developed garnet-chlorite skarn
134.00	134.60	Mineralized Skarn	Semi-massive sphalerite overprinted by pyrite
134.60	136.60	Metabasalt/ Marble	Fine grained metabasalt, lesser marble
136.60	139.70	Metabasalt/ Marble	Banded metabasalt
139.70	140.80	Metabasalt/ Marble	Mostly marble and marble skarn
140.80	143.40	Metabasalt/ Marble	75% metabasalt intercalated with marble skarn
143.40	144.90	Marble Skarn	Banded marble skarn
144.90	147.90	Metabasalt	Fine grained, strongly calcareous
147.90	148.80	Sheared Metabasalt	Strongly sheared, centered on "felsite"-quartz vein
148.80	153.90	Metabasalt	Fine grained, melanocratic
153.90	156.80	Metabasalt	Fine grained; replacement-style pyrrhotite with chalco rims
156.80	157.90	Metabasalt	Fine-med grained, some grey qz veining
157.90	160.80	Metabasalt	Strongly carbonate, mod calc-silica altered
160.80	165.10	Metabasalt	Fine grained, weakly banded and foliated
165.10	167.50	Metabasalt	Variable foliation; possible metasediment?
167.50	169.60	Marble Skarn	Med grained marble, mod garnet development
169.60	177.20	Skarn in Metasediments	Fine grained, thin bedded; fairly uniform fabric
177.20	178.50	Skarn in Metasediments	Includes white massive quartz vein
178.50	181.40	Skarn in Metasediments	Mod-strong soft sediment deformation
181.40	184.50	Skarn in Metasediments	Decreasing soft-sediment deformation
184.50	185.20	Skarn in Metasediments	Thin bedded; mod epidote-chlorite development
185.20	186.40	Marble Skarn	Clotty pyrrhotite and minor chalcopyrite
186.40	188.40	Skarn in Metasediments	Fine grained, fine bedding
188.40	194.00	Skarn in Metasediments	Thin bedded metaseds +/- metabasalt
194.00	195.30	Skarn in Metasediments	15-20% marble beds, red garnet development
195.30	196.30	Shear Zone	Intermittent moderate shear zone, local near-massive pyrite
196.30	197.30	Shear Zone	Locally near-mylonitic fabric
197.30	199.30	Skarn in Metasediments	Strong epidote, minor garnet development
199.30	203.30	Skarn in Metasediments	20-25% more strongly calcareous beds
203.30	204.50	Skarn in Metasediments	40-50% irregular white quartz
204.50	205.80	Skarn in Metasediments	Intercalated with metavolcanics
205.80	208.50	Marble Skarn	Strong epidote alteration of med grained marble
208.50	210.10	Sheared Marble Skarn	Mod-strong shearing
210.10	210.90	Sheared Marble Skarn	Strong mid-stage fracturing, local brecciation
210.90	212.40	Sheared Marble Skarn	Marble, mod-strong banded epidote
212.40	213.20	Sheared Marble Skarn	Thin bedded metaseds +/- metabasalt
213.20	215.40	Sheared Metasediments	Mod-strongly sheared, centered on gouge zone
215.40	221.70	Brecciated Metasedimentary Skarn	Fine bedded, Increasingly brecciated with depth
221.70	223.60	Sheared Metasediments	Mod sheared, irregular foliation
223.60	224.30	Ultramafic (Pyroxenite?)	Massive, fine grained
224.30	230.00	Metasediments	Mod-weak foliation, commonly disrupted
230.00	230.80	Sheared Ultramafics	Strongly sheared upper contact
230.80	234.40	Ultramafic (Pyroxenite?)	Fine grained, massive except for strong fracturing
234.40	239.70	Ultramafic (Pyroxenite?)	Somewhat less fractured, narrow intensely fractured zones
239.70	240.10	Sheared Ultramafics	Moderately, variably sheared, mod chlorite
240.10	242.10	Sheared Ultramafics	Strongly sheared, weakly oxidized
242.10	243.90	Sheared Ultramafics	Intermittent weak shearing, strong late fracturing

SG-09-43: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From	To	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Biotite	Epidote	Mariposite	Albite	Skarn	Serpentinized	Talc	Gypsum	Garnet
(m)	(m)															
5.50	8.20			2	1											
8.20	11.50	1		1	2	1										
11.50	15.20		1	1	2											
15.20	16.60		1	2	2	2										
16.60	21.80					2	2									
21.80	23.10		2	2		1									2	
23.10	26.00	2		1	2											
26.00	27.10	1	1	1	1	1										
27.10	28.00	1	1	1	2											
28.00	35.00	1		2	2											
35.00	36.20	1		1	3	1										
36.20	36.90	2	1	3	2											
36.90	40.20	1	2	3	2											
40.20	41.50	1	1	3	2											
41.50	44.50	2	1	2	2											
44.50	46.80		2	2	3											
46.80	47.90	1		2												
47.90	51.30						2									
51.30	53.80	1		1												
53.80	59.80	1		2		2										
59.80	61.70	1-2	1	1		1	1									
61.70	63.70	1		1		1			1							1
63.70	64.90	1		1		1	1									
64.90	66.30	1		1		1			1							
66.30	73.10	1							1							
73.10	74.80	1				1-2	1									
74.80	78.60	1				1			1							
78.60	81.80					1										

81.80	83.80					1			1-2			skarn				
83.80	85.90			1		1						skarn				
85.90	88.20					2	2		1			skarn				
88.20	93.40					1	1-2		2-3			skarn				1-2
93.40	97.00					1-2	2		2			skarn				1
97.00	97.60					3	3					skarn				
97.60	98.80					3	2					skarn				3
98.80	100.00					3	2		3			skarn				2
100.00	100.90					2-3	2					skarn				
100.90	102.10					3	1		2							1
102.10	106.40					3										
106.40	106.80					1	3									
106.80	107.50			2		3	1									
107.50	108.80					3										
108.80	110.70					3	2		1			skarn				2
110.70	113.60	1				3			2				1			
113.60	114.60	1							1				1			
114.60	115.40	3								1						
115.40	117.20					3	2					skarn				3
117.20	118.50				1	3										1
118.50	119.00					2	2									2
119.00	120.30					1	2		2							
120.30	126.40					2	2		2-3							2
126.40	127.60					3	2		1							3
127.60	129.70	1-2									1					
129.70	130.40	2		2	1											
130.40	130.90			2								skarn				
130.90	132.50	3				1						skarn				
132.50	134.00	1				3	2					skarn				2
134.00	134.60	2				2						skarn				1
134.60	136.60	1				2	2									1
136.60	139.70	1				1-2	2		2							
139.70	140.80	1				2-3	2					skarn				2
140.80	143.40					2	2		2			skarn				2-3
143.40	144.90					3	1			1		marble skarn				2
144.90	147.90					2	3					marble skarn				1
147.90	148.80	2				1				1						
148.80	153.90					1-2	2	3								

153.90	156.80					2	2		2							
156.80	157.90					1			1							1
157.90	160.80					2	2		2							1
160.80	165.10	1				1			1			skarn intervals				1
165.10	167.50	1					2		2							
167.50	169.60					3	1		1							
169.60	177.20					1	2		2							
177.20	178.50					1	2		2							
178.50	181.40					2	2		2							
181.40	184.50	1				2	2		3							
184.50	185.20						2		2-3							
185.20	186.40	1-2				3	1		2-3							
186.40	188.40					1-2	2		2							1-2
188.40	194.00					1-2	2		2							1
194.00	195.30					3	1		3							2
195.30	196.30	1				2-3			2							
196.30	197.30			1		1-2	3									
197.30	199.30	1				1-2	1		3			skarn				1
199.30	203.30	1				1-2	1		2-3			skarn				1
203.30	204.50					2	2		1			skarn				
204.50	205.80	1				1	1		2							1
205.80	208.50	1				3	2		3			skarn				1
208.50	210.10					1-2	3		2			skarn				
210.10	210.90					2-3	2		3			skarn				
210.90	212.40					3	1		2-3			skarn				1-2
212.40	213.20					1-2	3		2			skarn				
213.20	215.40		1			1	3		1							
215.40	221.70	1					2		2							
221.70	223.60						3		2							
223.60	224.30					1	2									
224.30	230.00					1	2		1-2							
230.00	230.80					1-2	2						2			
230.80	234.40												2	1		
234.40	239.70												2	1		
239.70	240.10	1					2						1			
240.10	242.10				1								2-3	3		
242.10	243.90												2-3	1		

SG-09-43: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)	Tetradymite (tet)	Gold (au)
5.50	8.20	>1		trace						
8.20	11.50	2								
11.50	15.20	2					trace			
15.20	16.60									
16.60	21.80	trace								
21.80	23.10	2								
23.10	26.00	4		trace						
26.00	27.10	2								
27.10	28.00	>1								
28.00	35.00	>1								
35.00	36.20	5								
36.20	36.90	2								
36.90	40.20	4								
40.20	41.50	5								
41.50	44.50	3		<1						
44.50	46.80	5								
46.80	47.90	1								
47.90	51.30	trace								
51.30	53.80	<1								
53.80	59.80	1		<1	trace	4				
59.80	61.70	1	trace							
61.70	63.70	1	trace	trace						
63.70	64.90	1	trace							
64.90	66.30	>1	trace						trace?	1 speck VG!!!
66.30	73.10	>1	<1			trace	trace			
73.10	74.80	4	trace	trace		trace				
74.80	78.60	<1	trace							
78.60	81.80	<1								
81.80	83.80	trace								
83.80	85.90	<1		trace						
85.90	88.20	1	trace							
88.20	93.40	<1	trace	trace						
93.40	97.00	<1	trace	trace						
97.00	97.60									
97.60	98.80	trace								
98.80	100.00	<1								
100.00	100.90	trace								
100.90	102.10									
102.10	106.40									
106.40	106.80	40	30	2					<1?	
106.80	107.50									
107.50	108.80	trace								
108.80	110.70	<1	trace							
110.70	113.60									
113.60	114.60									
114.60	115.40	12				>1				
115.40	117.20	<1		trace						
117.20	118.50	trace								
118.50	119.00	trace	trace	trace						
119.00	120.30	trace								
120.30	126.40	<1	<1	trace						
126.40	127.60	>1	<1	trace						
127.60	129.70	<1								
129.70	130.40	<1								
130.40	130.90	trace								
130.90	132.50	25		<1	20					
132.50	134.00	4		trace	2					

134.00	134.60	10		<1	12					
134.60	136.60	<1	>1	trace						
136.60	139.70									
139.70	140.80	trace	<1	trace						
140.80	143.40	trace	<1							
143.40	144.90									
144.90	147.90	trace	1							
147.90	148.80	trace								
148.80	153.90	2	>1	trace		trace				
153.90	156.80	>1	1	trace						
156.80	157.90	<1	trace	trace						
157.90	160.80	<1	trace							
160.80	165.10	1	<1	trace						
165.10	167.50	trace	trace							
167.50	169.60	<1	trace	trace						
169.60	177.20	trace	trace	trace						
177.20	178.50	trace								
178.50	181.40	<1	<1	trace						
181.40	184.50	<1	trace	trace						
184.50	185.20	trace	trace							
185.20	186.40	<1	4	trace						
186.40	188.40	trace	1	trace						
188.40	194.00	trace	<1	trace						
194.00	195.30	<1	2	trace						
195.30	196.30	7		trace						
196.30	197.30	trace	<1							
197.30	199.30	trace	trace							
199.30	203.30	trace	<1							
203.30	204.50	1	trace							
204.50	205.80	trace	trace							
205.80	208.50	trace	<1							
208.50	210.10	<1	<1	trace						
210.10	210.90	<1	<1							
210.90	212.40	trace	<1	t						
212.40	213.20		1							
213.20	215.40	<1								
215.40	221.70									
221.70	223.60									
223.60	224.30							2		
224.30	230.00									
230.00	230.80	trace						>1		
230.80	234.40	trace	trace?					>1		
234.40	239.70	trace						2		
239.70	240.10							7-8		
240.10	242.10							3-4		
242.10	243.90	trace						5		

SG-09-43: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia
5.50	8.20						62 qz vein				
8.20	11.50				72	late fracturing	72 qz veins		shear zones		
11.50	15.20				60						
15.20	16.60				65					gouge	
16.60	21.80				70				weak shearing		
21.80	23.10								weak-mod shearing		
23.10	26.00						73 qz-py vein				
26.00	27.10										local brecciatoion
27.10	28.00				62		qz vein				
28.00	35.00				67						
35.00	33.20				58		qz-py vein				
33.20	36.20						calcite veins	gypsum veins			
36.20	36.90		47							gouge at lower contact	early brecciation
36.90	40.20		53				gypsum veinlets				brecciated
40.20	41.50					late fracturing				43	
41.50	46.50						gypsum veinlets				brecciated
46.50	46.80									70 fault gouge	
46.80	47.90			63					sheared		
47.90	51.30			65			qz vein	late calcite veins			
51.30	53.80			59			59 qz vein				
53.80	59.80						45 aspy-py vein				
59.80	61.70			65			minor qz-py veining				
61.70	63.70			60			banded epidote				
64.90	66.30			68			mm-scale qz-carbonate vein with VG				
66.30	73.10			56			60 qz vein	banded epidote			
73.10	74.80			55			55 banded qz-py ± aspy veins	x-cutting py veins			
74.80	78.60					late calcite fracturing	qz vein ± pyrr		63		
78.60	81.80			51			local banded py				
81.80	83.80						50 epidote banding				
83.80	85.90			47							
85.90	88.20						54 epidote banding				
88.20	93.40			57			57 banded epidote and garnet				
93.40	97.00						57 banded py	late calcareous veining			
97.00	97.60									37 slickensieds at upper contact	
98.80	100.00						42 banded garnet				
100.00	100.90								shearing		
100.90	102.10								39		
102.10	106.40						49 marble bed				
106.40	106.80						72 massive sulphide band				
108.80	110.70				58						
110.70	113.60						qz-albite veinlets				
113.60	114.60						65 silica-albite veinlets	epidote-sericite veinlets			
114.60	115.40						62 py banding		62 shear zone		
117.20	118.50				78	late limonitic fracturing					
119.00	120.30						56 epidote banding	qz veining			
120.30	126.40						73 banded garnet				
127.60	129.70						calcite veins		62		x-cutting qz microbreccia

129.70	130.40			59							
130.40	130.90		49						shear at lower contact		
134.00	134.60						felsite veining				
134.60	136.60						43 banding				
136.60	139.70						70 banding				
140.80	143.40						60 garnet banding				
143.40	144.90								83		
147.90	148.80						51 qz-felsite vein	calcite stringers			
148.80	153.90						83 calcite banding	qz-felsite-cpy-aspy-sph vein	62		
153.90	156.80						45 band				
157.90	160.80						68 banded epidote-cholrite	late calcite-py veining	53		
160.80	165.10						65 band				
165.10	167.50			23			qz-epidote veining				
167.50	169.60				39						
169.60	177.20			43			qz-calcite-py veins ± pyrr				
177.20	178.50						53 qz vein				
181.40	184.50			46							
185.20	186.40								78		
186.40	188.40			78							
188.40	194.00			65							
194.00	195.30			75							
195.30	196.30								76		
196.30	197.30								58		
197.30	199.30			47			5 cm qz-calcite-pyrr vein				
199.30	203.30			53							
203.30	204.50					chloritic fractures	irregular qz veining				
205.80	208.50				61		qz vein				
208.50	210.10								65		
210.10	210.90				55						
210.90	212.40						qz veining	banded pyrr			
212.40	213.20			70							
213.20	215.40								58	gouge zone	
215.40	221.70			0			late hematitic stringers				brecciated
221.70	223.60						late calcite veins		39	microfaulting	
223.60	224.30	78	61				late calcite veining				
224.30	230.00										
230.00	230.80			75		calcite-chlorite fractures					
230.80	234.40						minor calcite veining		55		
234.40	239.70								42		
239.70	240.10			47					sheared		
240.10	242.10	43	43								
242.10	243.90						early fine qz veining		32		

SG-09-44: Geology Summary Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Lithology	Comments
4.60	11.20	Metadiorite	Med grained, mod foliated, mod oxidized
11.20	11.70	Feldspar Porphyritic Monzonite	15% feldspar, 3-4% biotite phenocrysts
11.70	15.70	Metadiorite	Mod-strongly foliated, mod fractured
15.70	17.00	Metadiorite	Strongly foliated, blurred textures
17.00	17.70	Feldspar Porphyritic Monzonite	15% fspar, 2% biotite phenocrysts
17.70	19.50	Metadiorite	Mod bleached, mod-strongly foliated
19.50	20.20	Sandstone?	Med-fine grained, equigranular, mod. limonitic
20.20	23.40	Metabasalt	Metasediments? Mod. Banded and foliated
23.40	25.00	Metadiorite	Med grained, mod foliated
25.00	26.00	Sheared Metadiorite	Weak shear centered on limonitic gouge
26.00	29.00	Metadiorite	Med grained, mod foliated (poss. Metabasalt?)
29.00	30.00	Metadiorite	Weakly bleached; 2-3% banded pyrite
30.00	32.70	Metadiorite	Mod-strongly foliated, med grained
32.70	33.60	Metadiorite	White quartz to 33.0m; broken core
33.60	35.10	Metadiorite	Coarse grained, localized late fracturing
35.10	37.80	Metadiorite	Mod foliated, med grained
37.80	39.30	Sheared Metadiorite	Intermittent strong shearing, near-gouge
39.30	43.30	Metadiorite	Med-coarse grained, mod-strongly foliated
43.30	48.90	Metadiorite	Coarse grained, strongly bleached
48.90	49.50	Metabasalt	Med grained, mod foliated
49.50	52.30	Metadiorite	Med-coarse grained, strongly foliated
52.30	54.30	Metabasalt	Med grained, mod-strongly foliated
54.30	56.30	Metabasalt	Shear zone, centered on qz-pyrite-arseno vein
56.30	60.00	Metabasalt	Med-coarse grained (metagabbro?)
60.00	61.90	Mylonitic Metabasalt	Progressive increase in foliation and phyllic alt with depth
61.90	62.80	Mylonitic Metabasalt	Very strongly sheared and silicified
62.80	63.80	Mylonitic Metabasalt	Near massive "felsite" +/- quartz vein
63.80	68.20	Mylonitic Metabasalt	12-15% mylonitic bands, fine grained pyrite in groundmass
68.20	70.10	Mylonitic Metabasalt	35% felsite vein infilling in early brecciation
70.10	72.10	Mylonitic Metabasalt	Strongly mylonitized section; 40% pyrite banding
72.10	73.90	Sheared Metadiorite	Strong late fracturing to brecciation
73.90	75.70	Sheared Metadiorite	Med-coarse grained
75.70	76.40	Sheared Metadiorite	Gouge of previously silicified metadiorite
76.40	77.10	Sheared Metabasalt	Med-fine grained
77.10	77.70	Sheared Metabasalt	Gouge, clear and white quartz clasts, clay-altered groundmass
77.70	78.40	Sheared Metabasalt	Med grained, weak-mod shear
78.40	79.00	Massive Sulphides, Sheared Metabasalt	Banded grey quartz-pyrite vein, includes arsenopyrite
79.00	79.30	Massive Sulphides, Sheared Metabasalt	Strongly foliated, blurred textures
79.30	79.90	Massive Sulphides, Sheared Metabasalt	Yellow quartz-pyrite-arsenopyrite veining
79.90	81.90	Metabasalt	Med grained, strongly foliated
81.90	84.10	Sheared Metabasalt	Weakly sheared, variable intermittent late fracturing
84.10	85.40	Brecciated Metabasalt	Strong brecciation of previously silicified metabasalt
85.40	86.40	Brecciated Metabasalt	Weakly sheared
86.40	87.00	Brecciated Metabasalt	Shear zone; strong argillic alteration
87.00	91.00	Metabasalt	Med-fine grained, weakly bleached
91.00	93.00	Metabasalt	Fine-med grained, weakly foliated
93.00	96.00	Metabasalt	Banded chlorite-epidote veining in silicified, calc-sil altered section
96.00	98.00	Metabasalt	Weak-mod hornfelsing, bleaching
98.00	99.10	Metabasalt	Strongly silicified, 4-5% pyritic fractures
99.10	100.30	Metabasalt	Fine grained, increasing late fracturing with depth
100.30	104.60	Feldspar Porphyritic Monzonite	30% feldspar laths, 10% biotite (altered); strong late fracturing
104.60	108.50	Feldspar Porphyritic Monzonite	Weak-mod variable late fracturing
108.50	109.70	Feldspar Porphyritic Monzonite	Mod limonite, phyllic alteration
109.70	110.40	Feldspar Porphyritic Monzonite	Strong sheared, possibly intercalated with ultramafic
110.40	112.90	Sheared Ultramafic	Strongly sheared pyroxenite (?), diminishing with depth

112.90	118.90	Ultramafic (Pyroxenite)	Massive, mod serpentinite alteration
118.90	121.60	Ultramafic (Pyroxenite)	Weak shear, 5% qz-carb-serpentinite veins
121.60	124.30	Ultramafic (Pyroxenite)	Massive
124.30	127.20	Ultramafic (Pyroxenite)	Mod-strong serpentinization
127.20	130.40	Ultramafic (Pyroxenite)	Massive, mod serpentinization
130.40	132.70	Ultramafic (Pyroxenite)	Mod-strong fracturing, local brecciation
132.70	135.90	Ultramafic (Pyroxenite)	Fairly massive
135.90	136.60	Ultramafic (Pyroxenite)	Mod-strong late fracturing
136.60	137.70	Ultramafic (Pyroxenite)	Fairly massive
137.70	139.20	Ultramafic (Pyroxenite)	4-5% serpentinite-talc veins
139.20	141.80	Ultramafic (Pyroxenite)	Fine grained, massive and mod fractured

SG-09-44: Alteration Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

NB: 1 = weak, 2 = moderate, 3 = strong

From (m)	To (m)	Silica	Argillic	Phyllic	Limonitic	Carbonate	Chloritization	Biotite	Epidote	Skarn	Serpentinized	Talc
4.60	10.20	1		2	2							
10.20	11.20	1		1-2								
11.20	11.70	1			1							
11.70	15.70	1-2		2	1							
15.70	17.00	1-2		1	1							
17.00	17.70	1										
17.70	19.50	1		1	1							
19.50	20.20		2		2	1-2						
20.20	23.40	1		2						skarn band		
23.40	25.00		1	2	2							
25.00	26.00	1	2	2								
26.00	29.00	1		2	1							
29.00	30.00			2	1							
30.00	32.70	1		2	1							
32.70	33.60	1-2		2	1							
33.60	35.10	1		2-3	1							
35.10	37.80	1		2	1-2							
37.80	39.30		2	2	2-3							
39.30	43.30	1		2	1							
43.30	48.90	1	1-2	2-3								
48.90	49.50			1								
49.50	52.30		1	2			1-2					
52.30	54.30		1	1-2			1					
54.30	56.30	1	1-2	2			1					
56.30	60.00		1	1								
60.00	61.90		1	2-3			1-2					
61.90	62.80	1	3	1								
62.80	63.80	3				1-2						
63.80	68.20	2-3	3									
68.20	70.10	2-3	2			1						
70.10	72.10	2-3	2	1								
72.10	73.90	2	1	2								
73.90	75.70	2		3								
75.70	76.40	2	3		1-2							
76.40	77.10					1	2	2				
77.10	77.70	1	3		1							
77.70	78.40	2	1	3	2							
78.40	79.00	2			2	1						
79.00	79.30	1		2-3	3							
79.30	79.90	2		3	1							
79.90	81.90			2-3	2							
81.90	84.10		1-2	2	1	1						
84.10	85.40	2	2		2-3							
85.40	86.40	1	1	2	1							
86.40	87.00	1-2	2	2	2							
87.00	91.00	1-2		1	1	1						
91.00	93.00	1				1						
93.00	96.00	2		1	1	1			1-2			
96.00	98.00	1-2			1	1	1-2					
98.00	99.10	3			1							
99.10	100.30	1			1	1						
100.30	104.60	1-2	1	2-3	1	1						
104.60	108.50	1	1	2-3	1	1						
108.50	109.70	1-2	1	2-3	2							
109.70	110.40		3	2	3							

110.40	112.90	1			1	1					3	
112.90	118.90										2	
118.90	121.60										2	
121.60	124.30										1	
124.30	127.20										2-3	
127.20	130.40										2	
130.40	132.70										1-2	2
132.70	135.90										1-2	
135.90	136.60										1	2
136.60	137.70										1	1
137.70	139.20										2-3	1
139.20	141.80										2	

SG-09-44: Mineralization Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Pyrite (py)	Pyrrhotite (pyrr)	Chalcopyrite (cpy)	Galena (gn)	Sphalerite (sph)	Arsenopyrite (aspy)	Molybdenite (mo)	Magnetite (mag)	Hematite (hem)
4.60	10.20	4		trace				trace		
10.20	11.20	>1	<1							
11.20	11.70	5						trace		
11.70	15.70	1		trace				trace		
15.70	17.00	<1	trace					trace		
17.00	17.70	6								
17.70	19.50	<1	trace							
19.50	20.20									
20.20	23.40	<1	trace	trace						
23.40	25.00	2								
25.00	26.00	<1			trace	trace	<1			
26.00	29.00	2								
29.00	30.00	<1								
30.00	32.70	3								
32.70	33.60	<1		trace			trace			
33.60	35.10	<1					<1	trace		
35.10	37.80	3		trace			<1	trace		
37.80	39.30	4					trace			
39.30	43.30	3		trace	trace		<1			
43.30	48.90	1		trace				trace		
48.90	49.50	>1								
49.50	52.30	1						trace		
52.30	54.30	<1		trace				trace		
54.30	56.30	>1		trace			trace			
56.30	60.00	1		trace						
60.00	61.90	3		trace						
61.90	62.80	8			trace					
62.80	63.80	3								
63.80	68.20	15								
68.20	70.10	20								
70.10	72.10	25								
72.10	73.90	7								
73.90	75.70	3						trace		
75.70	76.40	5								
76.40	77.10	<1								
77.10	77.70	3								
77.70	78.40	<1								
78.40	79.00	45		trace	>1		2			
79.00	79.30	3								
79.30	79.90	25			1		4			
79.90	81.90	5								
81.90	84.10	2		trace						
84.10	85.40	<1								
85.40	86.40	2						trace		
86.40	87.00	7			trace		1			
87.00	91.00	3								
91.00	93.00	<1								
93.00	96.00	3	<1		trace					
96.00	98.00	2	trace							
98.00	99.10	>1								
99.10	100.30	<1	trace							
100.30	104.60	<1		trace						
104.60	108.50	2-3		trace						
108.50	109.70	3								

109.70	110.40	3								
110.40	112.90								5	
112.90	118.90									
118.90	121.60								3-4	
121.60	124.30								6-7	
124.30	127.20								5	trace
127.20	130.40								4-5	
130.40	132.70								5-6	
132.70	135.90								5	
135.90	136.60								5	
136.60	137.70								4-5	
137.70	139.20								4	
139.20	141.80								5-6	

SG-09-44: Structural Log

2009 Program, Sonora Gulch Project

Northern Tiger Resources Inc.

From (m)	To (m)	Upper Contact (°TCA)	Lower Contact (°TCA)	Schistosity (°TCA)	Gneissosity (°TCA)	Fracture 1 (°TCA)	Vein 1 (°TCA)	Vein 2 (°TCA)	Shear	Fault	Breccia
4.60	10.20				56		65 qz ± mo ± cpy				
11.70	15.70				54	late limonitic fractures					
15.70	17.00										
17.00	17.70	8	34								
17.70	19.50				63						
20.20	23.40		55	60							
23.40	25.00						ankerite-py stringers				
25.00	26.00				65		65 qz ± aspy veining			gouge	
26.00	29.00				53						
30.00	32.70				57						
33.60	35.10				60	late fracturing	qz-aspy veins				
37.80	39.30						1 cm aspy vein		47		brecciated
39.30	43.30				50		50 qz-aspy vein				
43.30	48.90				55		55 qz vein		73	gouge zones	
49.50	52.30								64		
52.30	54.30						70 cm scale felsite veins	qz-py-cpy-mo veins	70		
54.30	56.30						15 cm qz vein		74		
56.30	60.00			80			qz ± cpy veining				
60.00	61.90						qz-cpy veining				
61.90	62.80	33					2cm felsite-py vein				
62.80	63.80						massive felsite veins ± qz				
63.80	68.20					late fracturing	43 pyritic banding			mylonitic zone	multi-phase brecciation
68.20	70.10						50 pyritic banding	felsite veining			early brecciation
70.10	72.10									65 mylonitic banding	
72.10	73.90					late fracturing	fine py veining	qz-felsite ± py veining		gouge	brecciation
73.90	75.70						57 py banding	ankerite veining			
75.70	76.40									gouge	
76.40	77.10						37 qz-ankerite veins				microbreccia
77.70	78.40			39					weak-mod shear		
78.40	79.00						37 qz-py vein	qz-aspy vein			
79.30	79.90						50 0.5cm qz-py-aspy-ga vein	qz-py-aspy veining			
81.90	84.10			65			65 banded qz-py-cpy				brecciation
85.40	86.40					late calcareous fracturing			61		
86.40	87.00						2cm qz-py vein		shear zone		
87.00	91.00								62		
91.00	93.00			56							
93.00	96.00								46		
96.00	98.00						minor felsite veining		43		
98.00	99.10			51							
100.30	104.60		42							fault at lower contact	local brecciation
109.70	110.40		23						lower contact sheared		
110.40	112.90								44		
112.90	118.90					67 sheeted joints	qz ± calcite veins	joint-controlled sheeted veining			
118.90	121.60						qz-carbonate-serpentine viens		53		
121.60	124.30					45 sheeted joints ± qz-carb veins		late qz veins	small shear zone near top		

124.30	127.20											
130.40	132.70					talc fractures	qz veinlets					brecciated
137.70	139.20						41 serpentine-talc veins					
139.20	141.80						qz-talc-serpentine veins					

Appendix 4: Original Results

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ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TB09084111

Project: Sonora

P.O. No.:

This report is for 52 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226121		5.24	0.008	<0.2	0.38	18	10	60	0.7	<2	2.10	<0.5	5	5	9	2.09
G226122		4.98	0.007	<0.2	0.42	29	<10	190	1.0	<2	4.14	0.5	7	7	15	2.45
G226123		2.60	0.009	<0.2	0.37	13	<10	360	0.7	<2	3.14	<0.5	6	3	20	2.19
G226124		2.90	0.013	<0.2	0.49	115	<10	120	1.4	<2	7.73	<0.5	23	63	9	3.73
G226125		3.22	<0.005	0.2	0.48	126	<10	290	1.4	<2	4.90	<0.5	14	33	47	3.92
G226126		6.19	<0.005	<0.2	1.43	43	<10	310	0.7	<2	2.63	<0.5	16	42	49	4.48
G226127		6.26	<0.005	<0.2	1.84	16	<10	210	0.7	2	1.52	<0.5	17	63	57	4.51
G226128		1.57	1.180	9.6	0.24	2350	<10	<10	0.5	152	3.18	3.2	16	6	669	26.4
G226129		4.49	0.006	0.5	0.34	91	<10	110	0.9	<2	5.51	6.0	12	12	62	3.47
G226130		4.47	<0.005	<0.2	0.43	83	<10	160	0.9	<2	5.64	1.3	14	39	63	3.01
G226131		2.43	<0.005	<0.2	0.54	200	<10	40	0.9	2	9.87	<0.5	43	548	33	3.52
G226132		6.54	0.110	1.0	0.26	356	<10	10	<0.5	9	5.31	<0.5	33	16	870	19.2
G226133		5.43	0.008	<0.2	1.05	8	<10	30	0.8	<2	2.54	<0.5	16	55	66	2.07
G226134		4.84	0.042	<0.2	1.66	13	<10	30	0.8	2	3.57	<0.5	15	83	53	2.53
G226135		3.71	0.009	<0.2	1.09	48	<10	20	0.7	<2	5.68	<0.5	10	49	34	1.89
G226136		3.40	<0.005	0.4	1.16	40	<10	30	0.6	<2	2.42	<0.5	13	26	32	1.98
G226137		4.67	0.005	0.2	1.66	10	<10	30	0.8	<2	6.39	<0.5	25	93	85	3.37
G226138		3.07	0.007	<0.2	2.15	90	<10	50	1.2	<2	4.31	<0.5	16	385	77	3.50
G226139		5.30	0.005	<0.2	1.49	55	<10	20	1.0	<2	6.01	<0.5	22	66	90	2.84
G226140		4.07	0.006	0.2	0.73	813	<10	10	0.5	<2	17.6	<0.5	20	24	136	4.32
G226141		4.14	0.007	<0.2	0.74	50	<10	10	0.9	<2	20.7	<0.5	7	22	14	1.70
G226142		3.08	0.005	<0.2	0.78	103	<10	10	0.9	<2	19.8	<0.5	7	25	15	1.94
G226143		0.14	0.278	3.2	2.02	64	<10	100	<0.5	<2	0.81	1.6	14	91	3300	4.58
G226144		0.61	<0.005	<0.2	0.20	7	<10	20	<0.5	<2	18.2	<0.5	2	7	18	0.51
G226145		2.84	0.007	<0.2	1.83	43	<10	120	0.8	<2	4.52	<0.5	13	76	33	2.71
G226146		2.61	0.011	<0.2	0.95	42	<10	30	0.6	<2	2.52	<0.5	7	8	24	2.48
G226147		3.98	0.020	0.3	0.27	25	<10	30	0.5	<2	1.06	<0.5	4	6	85	1.58
G226148		5.90	0.029	0.2	0.24	30	<10	60	<0.5	<2	1.03	<0.5	2	7	61	1.80
G226149		3.54	0.021	0.5	0.28	203	<10	110	<0.5	<2	0.66	<0.5	2	5	44	2.06
G226150		3.53	0.034	0.2	0.27	94	<10	130	<0.5	<2	0.60	<0.5	2	4	61	1.43
G226151		3.09	0.013	<0.2	0.26	18	<10	50	0.6	<2	1.10	3.6	6	5	46	1.34
G226152		5.57	0.017	0.3	0.28	19	<10	90	0.8	<2	0.93	1.2	4	5	68	1.47
G226153		5.31	0.020	0.4	0.23	57	<10	60	0.5	<2	0.93	0.6	3	5	82	1.48
G226154		5.51	0.010	0.2	0.31	11	<10	200	0.5	<2	0.99	1.3	3	5	53	1.51
G226155		5.21	0.088	0.3	0.35	102	<10	100	0.5	<2	1.13	2.0	3	5	57	1.59
G226156		3.69	0.020	0.2	0.22	16	<10	20	0.5	<2	1.15	0.6	3	6	77	1.47
G226157		4.66	0.019	0.2	0.62	57	<10	20	1.4	<2	2.99	<0.5	14	45	95	2.73
G226158		3.05	0.043	0.3	0.70	114	<10	20	2.0	<2	5.69	0.6	16	66	149	3.20
G226159		5.03	0.017	1.3	0.24	75	<10	70	<0.5	<2	0.91	<0.5	2	7	76	2.04
G226160		5.89	0.008	0.2	0.21	49	<10	50	<0.5	<2	0.97	<0.5	2	6	45	1.58

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To: NORTHERN TIGER RESOURCES
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EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226121		<10	<1	0.18	20	0.75	209	1	0.01	3	260	12	0.63	2	3	80
G226122		<10	<1	0.15	20	1.43	326	1	0.02	3	420	14	0.48	<2	6	132
G226123		<10	<1	0.14	20	1.10	259	1	0.01	3	300	16	0.70	3	3	110
G226124		<10	<1	0.15	20	2.85	751	1	0.02	52	870	11	0.30	2	19	240
G226125		<10	<1	0.16	10	1.75	571	1	0.02	37	810	16	0.71	8	8	175
G226126		<10	<1	0.76	20	1.78	469	1	0.04	41	530	9	0.96	2	8	100
G226127		<10	<1	1.22	30	1.84	382	1	0.03	53	490	10	1.11	4	8	84
G226128		<10	<1	0.13	<10	1.48	145	<1	0.02	10	280	125	>10.0	24	3	414
G226129		<10	1	0.12	10	2.01	395	1	0.02	13	310	85	1.51	8	5	325
G226130		<10	<1	0.15	10	2.13	419	1	0.02	41	470	31	0.96	6	9	247
G226131		<10	<1	0.10	<10	5.53	490	<1	0.02	550	100	3	0.55	9	3	473
G226132		<10	1	0.09	<10	1.32	872	<1	0.02	32	330	19	>10.0	14	3	191
G226133		10	1	0.26	40	1.05	142	1	0.04	69	360	6	0.99	3	7	130
G226134		10	<1	0.27	20	1.47	216	1	0.09	50	520	5	0.76	<2	6	173
G226135		10	1	0.11	20	0.93	258	1	0.06	35	460	5	0.56	7	4	125
G226136		10	<1	0.20	30	1.11	193	1	0.07	15	590	6	0.64	5	4	110
G226137		<10	1	0.15	10	2.09	396	1	0.05	32	760	5	1.47	5	8	152
G226138		10	<1	0.84	20	3.11	510	1	0.02	114	500	11	1.10	2	12	140
G226139		<10	<1	0.27	20	1.58	427	<1	0.04	44	610	5	1.24	4	6	142
G226140		<10	<1	0.10	10	0.80	550	<1	<0.01	46	400	7	3.5	33	3	515
G226141		<10	<1	0.09	10	0.83	461	<1	0.01	24	450	7	<0.01	3	3	613
G226142		<10	1	0.09	10	0.84	471	<1	0.01	25	520	6	<0.01	<2	4	623
G226143		<10	<1	0.16	10	0.96	763	37	0.07	150	680	93	0.88	5	5	39
G226144		<10	<1	0.11	<10	11.00	219	<1	<0.01	2	250	2	<0.01	<2	<1	48
G226145		<10	<1	0.50	20	1.57	375	<1	0.03	35	840	4	0.52	5	6	139
G226146		<10	<1	0.22	60	0.63	194	<1	0.01	2	500	7	1.15	2	2	91
G226147		<10	<1	0.16	10	0.03	74	10	0.03	1	100	6	1.05	2	<1	29
G226148		<10	<1	0.20	20	0.06	57	13	0.04	<1	100	5	1.19	<2	<1	29
G226149		<10	<1	0.37	20	0.03	45	59	0.02	<1	100	6	1.06	<2	<1	24
G226150		<10	<1	0.25	20	0.04	35	13	0.02	<1	80	7	0.77	<2	<1	21
G226151		<10	<1	0.17	20	0.12	210	5	0.02	<1	90	5	1.20	<2	<1	25
G226152		<10	<1	0.14	30	0.08	88	41	0.02	1	80	6	1.05	<2	<1	24
G226153		<10	<1	0.15	20	0.25	89	55	0.02	<1	90	7	1.06	<2	<1	22
G226154		<10	<1	0.18	30	0.31	82	20	0.02	<1	80	5	0.99	<2	1	26
G226155		<10	<1	0.21	20	0.45	110	81	0.02	<1	60	5	0.80	<2	1	37
G226156		<10	<1	0.15	20	0.18	74	74	0.02	<1	90	4	1.18	<2	<1	21
G226157		<10	<1	0.21	20	1.21	291	70	0.01	58	590	4	1.32	<2	8	133
G226158		<10	<1	0.20	10	2.45	512	18	0.01	88	770	4	1.26	<2	11	364
G226159		<10	<1	0.24	20	0.12	77	12	0.03	1	90	52	1.20	<2	<1	26
G226160		<10	<1	0.19	10	0.11	79	9	0.02	<1	130	6	1.17	<2	1	21

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Project: Sonora

CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226121		<10	<20	<0.01	<10	<10	10	<10	51
G226122		<10	20	<0.01	<10	<10	21	<10	84
G226123		<10	20	<0.01	<10	<10	7	<10	49
G226124		<10	<20	<0.01	<10	<10	62	<10	86
G226125		<10	<20	<0.01	<10	<10	34	<10	57
G226126		<10	<20	0.06	<10	<10	58	<10	49
G226127		<10	<20	0.12	<10	<10	63	<10	47
G226128		10	<20	0.01	10	<10	10	<10	245
G226129		<10	<20	<0.01	<10	<10	20	<10	508
G226130		<10	<20	<0.01	<10	<10	33	<10	131
G226131		<10	<20	<0.01	<10	<10	9	<10	39
G226132		10	<20	<0.01	<10	<10	14	<10	26
G226133		<10	20	0.01	<10	<10	42	<10	26
G226134		<10	<20	0.08	<10	<10	59	<10	25
G226135		<10	<20	0.06	<10	<10	31	<10	21
G226136		<10	<20	0.06	<10	<10	38	<10	23
G226137		<10	<20	0.07	<10	<10	71	<10	31
G226138		<10	<20	0.09	<10	<10	88	<10	64
G226139		<10	<20	0.02	<10	<10	49	<10	30
G226140		<10	<20	<0.01	<10	<10	16	<10	31
G226141		<10	<20	<0.01	<10	<10	17	<10	29
G226142		<10	<20	<0.01	<10	<10	18	<10	30
G226143		<10	<20	0.12	<10	<10	61	10	341
G226144		<10	<20	0.01	<10	<10	4	<10	18
G226145		<10	<20	0.09	<10	<10	52	<10	43
G226146		<10	20	0.01	<10	<10	15	<10	12
G226147		<10	20	<0.01	<10	<10	1	<10	17
G226148		<10	20	<0.01	<10	<10	1	<10	18
G226149		<10	20	<0.01	<10	<10	1	<10	29
G226150		<10	20	<0.01	<10	<10	1	<10	34
G226151		<10	20	<0.01	<10	<10	1	<10	72
G226152		<10	20	<0.01	<10	<10	1	<10	84
G226153		<10	20	<0.01	<10	<10	1	<10	24
G226154		<10	20	<0.01	<10	<10	1	<10	58
G226155		<10	20	<0.01	<10	<10	2	<10	102
G226156		<10	20	<0.01	<10	<10	1	<10	24
G226157		<10	20	<0.01	<10	<10	26	<10	39
G226158		<10	<20	<0.01	<10	10	36	<10	64
G226159		<10	20	<0.01	<10	<10	1	<10	45
G226160		<10	20	<0.01	<10	<10	1	<10	11

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226161		5.72	0.007	0.4	0.35	26	<10	40	0.6	<2	1.28	<0.5	5	8	106	1.98
G226162		5.81	0.007	0.2	0.24	29	<10	20	0.5	<2	1.35	<0.5	2	6	51	1.65
G226163		4.63	0.017	0.3	0.30	102	<10	20	0.7	<2	1.30	0.5	3	7	70	1.62
G226164		5.20	0.017	0.6	0.31	37	<10	40	0.7	<2	1.60	<0.5	5	4	103	1.93
G226165		4.39	0.009	0.2	0.22	46	<10	80	<0.5	<2	1.22	<0.5	3	9	31	1.96
G226166		5.21	0.045	0.3	0.23	41	<10	30	0.5	<2	1.31	<0.5	4	16	62	1.57
G226167		5.37	0.017	0.2	1.70	23	<10	200	1.0	<2	2.67	0.7	11	47	104	2.87
G226168		5.99	0.014	0.2	0.64	16	<10	260	0.5	<2	1.67	<0.5	2	6	22	1.34
G226169		2.64	0.007	<0.2	0.87	14	<10	70	0.5	<2	1.76	<0.5	4	8	73	1.57
G226170		6.08	0.011	0.4	3.29	21	<10	50	0.8	<2	3.93	1.6	23	27	172	4.36
G226171		5.19	0.016	0.8	2.18	127	<10	30	0.6	<2	2.58	1.0	12	26	80	3.14
G226172		5.61	0.015	1.3	2.03	77	<10	50	0.6	<2	2.32	1.2	13	70	118	2.80

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Finalized Date: 25-AUG-2009
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Project: Sonora

CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G226161		<10	<1	0.22	20	0.16	106	21	0.01	3	100	4	1.38	2	1	29
G226162		<10	<1	0.17	20	0.31	152	16	0.01	<1	70	5	1.14	<2	<1	28
G226163		<10	<1	0.18	20	0.28	111	24	0.01	<1	70	6	1.05	<2	<1	30
G226164		<10	<1	0.22	10	0.13	73	32	0.02	<1	60	30	1.68	<2	<1	36
G226165		<10	<1	0.24	10	0.04	93	21	0.02	<1	60	6	1.61	<2	<1	33
G226166		<10	<1	0.16	20	0.20	86	19	0.03	3	90	6	1.35	<2	1	28
G226167		10	<1	0.60	30	1.33	226	15	0.07	21	450	4	1.36	<2	5	57
G226168		<10	<1	0.17	30	0.49	107	54	0.02	<1	100	4	0.97	<2	<1	21
G226169		<10	<1	0.13	30	0.65	158	12	0.03	1	120	6	0.79	<2	1	23
G226170		10	<1	0.16	<10	1.77	395	2	0.22	13	270	5	1.76	<2	20	104
G226171		10	<1	0.27	10	1.33	348	8	0.11	13	310	30	1.22	<2	11	64
G226172		10	1	0.29	10	1.06	232	6	0.14	29	400	52	1.54	<2	7	108

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CERTIFICATE OF ANALYSIS TB09084111

Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226161		<10	20	<0.01	<10	10	2	<10	20
G226162		<10	20	<0.01	<10	<10	1	<10	11
G226163		<10	20	<0.01	<10	<10	1	<10	47
G226164		<10	20	<0.01	<10	10	1	<10	42
G226165		<10	20	<0.01	<10	<10	1	<10	20
G226166		<10	20	<0.01	<10	<10	4	<10	19
G226167		<10	20	0.08	<10	<10	29	<10	81
G226168		<10	20	<0.01	<10	<10	3	<10	36
G226169		<10	20	0.01	<10	<10	8	<10	22
G226170		<10	<20	0.07	<10	10	108	<10	172
G226171		<10	<20	0.08	<10	<10	66	<10	93
G226172		<10	<20	0.06	<10	<10	50	<10	102

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Finalized Date: 25-AUG-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TB09084112

Project: Sonora

P.O. No.:

This report is for 120 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **NORTHERN TIGER RESOURCES**
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226001		3.01	0.049	0.4	0.39	36	<10	40	0.7	<2	1.34	2.1	9	6	281	1.80
G226002		3.53	0.026	0.3	0.22	167	<10	50	<0.5	2	1.09	0.5	3	4	80	1.48
G226003		5.75	0.018	0.2	0.17	59	<10	20	<0.5	<2	1.19	0.5	4	4	63	1.34
G226004		6.15	0.013	0.2	0.21	20	<10	40	0.5	2	1.10	0.5	3	3	93	1.50
G226005		1.82	0.013	0.3	0.20	39	<10	100	<0.5	2	0.69	<0.5	2	3	55	1.82
G226006		4.67	0.026	0.5	0.20	245	<10	100	<0.5	<2	0.40	<0.5	1	3	34	1.73
G226007		2.72	0.057	1.0	0.19	221	<10	140	<0.5	4	0.28	<0.5	<1	2	33	2.40
G226008		3.83	0.026	0.9	0.21	37	<10	90	<0.5	2	0.44	<0.5	1	1	48	2.18
G226009		5.31	0.025	0.6	0.36	36	<10	40	0.9	<2	1.05	<0.5	7	3	196	1.89
G226010		3.33	0.071	0.8	0.39	291	<10	70	1.0	4	1.28	0.6	4	6	128	2.00
G226011		6.00	0.041	<0.2	0.26	32	<10	20	0.7	2	0.94	1.9	5	3	85	1.38
G226012		6.07	0.046	0.5	0.22	48	<10	20	0.7	2	1.04	0.9	5	3	112	1.61
G226013		6.02	0.010	0.3	0.16	42	<10	50	0.5	2	0.93	1.2	4	4	71	1.50
G226014		6.19	0.289	0.7	0.40	586	<10	70	0.5	4	0.94	3.7	4	4	79	1.67
G226015		6.08	0.179	0.3	0.34	127	<10	100	0.5	<2	0.91	14.1	3	5	61	1.40
G226016		6.29	0.017	0.3	0.15	23	<10	20	<0.5	2	0.98	1.8	2	5	44	1.30
G226017		6.08	0.043	0.2	0.21	50	<10	30	0.6	<2	1.06	1.2	3	3	67	1.52
G226018		5.83	0.093	1.8	0.34	96	<10	50	0.5	3	0.66	1.1	6	4	182	2.51
G226019		5.91	0.008	0.3	0.30	14	<10	30	0.6	<2	1.01	0.6	3	5	53	1.34
G226020		3.44	0.035	0.2	0.39	62	<10	40	0.6	<2	1.06	1.4	3	4	19	1.43
G226021		3.52	0.013	0.2	2.20	41	<10	120	1.2	<2	1.60	1.0	9	28	47	2.71
G226022		2.56	0.010	0.4	0.44	28	<10	20	0.9	<2	1.16	<0.5	4	6	73	2.25
G226023		3.56	<0.005	<0.2	0.17	12	<10	40	<0.5	<2	0.60	<0.5	1	3	19	1.24
G226024		4.29	0.013	0.3	0.40	56	<10	30	0.9	<2	3.20	<0.5	9	25	74	2.04
G226025		3.39	0.011	0.8	1.60	20	<10	80	0.8	<2	4.94	0.6	26	146	175	4.53
G226026		2.87	0.022	0.2	1.81	44	<10	20	0.7	<2	2.77	<0.5	23	51	117	3.95
G226027		1.49	0.009	0.2	1.44	15	<10	20	0.6	<2	1.93	<0.5	8	14	99	2.32
G226028		5.03	0.007	0.2	2.90	11	<10	30	0.7	<2	2.34	<0.5	14	23	175	4.60
G226029		5.73	0.017	0.2	2.99	11	<10	40	0.8	<2	2.61	<0.5	16	65	78	3.32
G226030		2.91	0.217	6.2	2.47	1020	<10	40	0.5	21	3.62	5.0	20	25	397	7.01
G226031		4.01	0.011	0.5	4.56	59	<10	40	0.8	<2	3.39	<0.5	23	44	202	4.40
G226032		6.54	0.005	0.2	1.58	28	<10	30	0.9	<2	1.46	<0.5	7	32	48	2.05
G226033		6.21	0.016	0.5	0.75	154	<10	30	<0.5	<2	2.27	1.0	5	5	95	1.98
G226034		5.56	0.008	0.5	0.70	113	<10	20	<0.5	<2	2.72	0.5	4	5	73	1.78
G226035		0.14	NSS	3.6	1.12	61	<10	150	<0.5	5	0.68	2.4	13	61	3220	3.76
G226036		0.93	<0.005	<0.2	0.21	2	<10	30	<0.5	<2	19.8	<0.5	3	7	5	0.51
G226037		6.54	0.017	0.5	0.66	25	<10	20	<0.5	4	1.68	1.9	5	5	59	2.24
G226038		3.54	0.164	0.3	1.07	109	<10	90	0.5	<2	1.77	<0.5	5	8	47	2.48
G226039		5.70	0.029	0.6	0.76	208	<10	20	0.9	<2	3.44	2.6	9	33	143	2.58
G226040		4.88	0.006	<0.2	0.86	18	<10	20	<0.5	<2	1.18	<0.5	5	4	73	1.77

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G226001		<10	<1	0.20	10	0.11	163	18	0.01	7	90	11	1.36	<2	<1	32
G226002		<10	<1	0.18	10	0.02	58	13	0.03	2	80	4	1.25	2	<1	27
G226003		<10	<1	0.11	10	0.05	116	13	0.03	1	90	4	1.26	<2	<1	27
G226004		<10	<1	0.14	10	0.05	85	7	0.03	1	80	2	1.06	<2	<1	28
G226005		<10	<1	0.28	10	0.02	39	10	0.04	<1	80	3	0.96	<2	<1	20
G226006		<10	<1	0.33	10	0.02	24	38	0.03	<1	80	4	0.87	2	<1	20
G226007		<10	<1	0.41	10	0.02	22	96	0.02	<1	100	7	0.93	5	<1	25
G226008		<10	<1	0.32	10	0.02	26	37	0.02	<1	100	8	0.93	5	<1	23
G226009		<10	<1	0.14	10	0.04	54	13	0.02	2	80	6	1.27	3	<1	30
G226010		<10	<1	0.16	20	0.05	40	14	0.03	5	120	5	1.40	3	1	41
G226011		<10	<1	0.12	20	0.11	90	34	0.03	1	90	3	1.19	<2	<1	21
G226012		<10	<1	0.14	20	0.21	87	41	0.03	<1	80	8	1.16	2	<1	25
G226013		<10	<1	0.12	20	0.17	75	35	0.02	<1	80	4	1.11	<2	<1	23
G226014		<10	<1	0.26	20	0.54	103	38	0.03	3	80	6	1.25	<2	1	26
G226015		<10	<1	0.22	30	0.47	106	32	0.03	1	100	4	0.87	2	1	23
G226016		<10	<1	0.12	20	0.15	69	29	0.03	<1	90	4	1.13	<2	<1	19
G226017		<10	<1	0.15	20	0.28	95	57	0.02	<1	80	3	1.07	<2	<1	22
G226018		<10	<1	0.29	20	0.15	55	59	0.02	4	120	29	2.07	2	<1	22
G226019		<10	<1	0.19	30	0.31	71	35	0.03	<1	90	3	0.95	<2	<1	18
G226020		<10	<1	0.25	30	0.47	81	25	0.03	1	100	4	1.02	<2	<1	23
G226021		10	<1	1.05	30	1.64	192	39	0.12	14	510	4	0.98	<2	6	64
G226022		<10	<1	0.26	20	0.37	62	48	0.03	7	250	4	1.68	<2	1	54
G226023		<10	<1	0.18	20	0.06	24	17	0.04	<1	90	2	0.87	<2	<1	17
G226024		<10	<1	0.13	20	1.09	202	13	0.02	32	290	5	1.72	2	4	160
G226025		10	<1	0.50	10	2.56	450	7	0.11	95	1450	6	3.22	<2	14	188
G226026		10	<1	0.20	10	1.81	350	9	0.09	28	270	4	2.37	<2	15	83
G226027		10	1	0.16	20	1.01	220	8	0.06	6	350	4	1.05	<2	6	50
G226028		10	<1	0.28	10	1.47	249	20	0.20	10	380	8	2.20	<2	10	89
G226029		10	1	0.18	10	1.89	322	4	0.18	23	450	7	1.25	3	10	86
G226030		10	1	0.32	<10	1.41	350	3	0.16	25	200	157	6.35	5	13	104
G226031		10	<1	0.30	<10	2.24	365	4	0.28	22	180	8	1.67	<2	20	125
G226032		10	<1	0.25	20	0.78	105	6	0.12	7	160	3	1.37	<2	3	35
G226033		<10	<1	0.13	20	0.58	124	3	0.07	1	140	8	1.57	<2	4	61
G226034		<10	<1	0.13	20	0.64	144	3	0.06	1	150	7	1.34	<2	4	79
G226035		<10	<1	0.43	20	0.52	278	205	0.04	12	530	115	1.62	27	4	36
G226036		<10	<1	0.11	<10	11.60	223	<1	0.03	1	240	2	<0.01	<2	<1	53
G226037		<10	<1	0.12	10	0.51	89	9	0.05	<1	200	9	1.81	<2	3	31
G226038		<10	<1	0.21	10	0.71	131	6	0.07	5	280	6	1.74	<2	6	57
G226039		<10	<1	0.14	10	1.09	282	4	0.01	34	550	7	1.16	<2	8	110
G226040		<10	<1	0.10	10	0.62	131	1	0.03	2	200	4	0.92	<2	5	28

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226001		<10	20	<0.01	<10	<10	2	<10	57
G226002		<10	20	<0.01	<10	<10	<1	<10	25
G226003		<10	20	<0.01	<10	<10	<1	<10	14
G226004		<10	20	<0.01	<10	<10	<1	<10	25
G226005		<10	20	<0.01	<10	<10	1	<10	19
G226006		<10	20	<0.01	<10	<10	<1	<10	13
G226007		<10	30	<0.01	<10	<10	<1	<10	43
G226008		<10	20	<0.01	<10	<10	1	<10	26
G226009		<10	20	<0.01	<10	<10	1	<10	34
G226010		<10	20	<0.01	<10	10	4	<10	106
G226011		<10	20	<0.01	<10	<10	1	<10	72
G226012		<10	20	<0.01	<10	<10	1	<10	58
G226013		<10	20	<0.01	<10	<10	<1	<10	55
G226014		<10	20	0.01	<10	<10	2	<10	183
G226015		<10	20	0.01	<10	<10	2	<10	546
G226016		<10	20	<0.01	<10	<10	<1	<10	82
G226017		<10	20	<0.01	<10	<10	1	<10	60
G226018		<10	20	<0.01	<10	<10	1	<10	70
G226019		<10	20	<0.01	<10	<10	1	<10	24
G226020		<10	20	0.01	<10	<10	1	<10	70
G226021		<10	20	0.12	<10	<10	32	<10	76
G226022		<10	20	<0.01	<10	10	5	<10	49
G226023		<10	20	<0.01	<10	<10	<1	<10	18
G226024		<10	20	<0.01	<10	<10	12	<10	45
G226025		<10	20	0.08	<10	<10	88	<10	51
G226026		<10	<20	0.02	<10	<10	75	<10	30
G226027		<10	<20	0.01	<10	<10	35	<10	20
G226028		<10	<20	0.07	<10	<10	66	<10	32
G226029		<10	<20	0.07	<10	<10	79	<10	40
G226030		10	<20	0.04	<10	<10	106	<10	304
G226031		<10	<20	0.08	<10	<10	168	<10	45
G226032		<10	20	0.02	<10	<10	22	<10	31
G226033		<10	<20	0.01	<10	<10	13	<10	52
G226034		<10	<20	<0.01	<10	<10	12	<10	35
G226035		<10	<20	0.03	<10	<10	38	10	162
G226036		<10	<20	0.01	<10	<10	3	<10	14
G226037		<10	<20	<0.01	<10	<10	5	<10	92
G226038		<10	<20	0.02	<10	<10	17	<10	51
G226039		<10	<20	<0.01	<10	<10	26	<10	148
G226040		<10	<20	<0.01	<10	<10	8	<10	25

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EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226041		6.12	0.041	1.1	1.91	108	<10	40	0.6	<2	3.24	2.2	11	107	156	3.05
G226042		3.12	0.007	0.2	0.93	20	<10	20	<0.5	<2	2.32	<0.5	6	5	97	1.92
G226043		5.08	0.006	0.4	0.53	28	<10	10	<0.5	<2	2.12	<0.5	4	3	93	1.41
G226044		5.84	<0.005	0.2	0.73	16	<10	30	<0.5	<2	1.71	0.8	4	3	65	1.68
G226045		5.93	0.010	0.4	0.63	83	<10	20	<0.5	<2	1.45	<0.5	4	4	77	1.85
G226046		6.50	0.037	0.7	0.32	391	<10	10	<0.5	<2	2.39	0.7	4	3	57	1.71
G226047		6.00	0.054	0.5	0.36	584	<10	20	<0.5	<2	2.01	1.3	4	3	97	1.41
G226048		5.58	0.036	0.2	0.30	109	<10	20	<0.5	<2	1.55	<0.5	3	4	72	1.39
G226049		6.41	0.022	0.3	0.52	44	<10	20	<0.5	<2	1.82	3.3	5	4	85	1.67
G226050		4.24	6.52	2.8	0.31	688	<10	20	<0.5	<2	1.73	1.0	8	3	335	2.92
G226051		4.37	0.715	1.5	0.55	1900	<10	40	0.6	2	2.71	1.1	7	4	209	2.40
G226052		6.50	0.026	0.3	2.56	53	<10	40	0.7	<2	3.08	0.9	16	14	159	2.99
G226053		5.78	0.009	0.3	2.82	22	<10	60	0.8	<2	3.40	<0.5	18	17	223	3.65
G226054		5.53	0.010	0.2	1.01	146	<10	20	0.7	<2	2.56	<0.5	9	17	129	2.50
G226055		5.32	0.007	<0.2	1.16	120	<10	40	0.9	<2	4.14	<0.5	12	60	137	2.73
G226056		4.47	<0.005	0.2	0.24	20	<10	20	<0.5	<2	1.44	<0.5	3	5	58	1.28
G226057		2.55	0.058	0.5	0.21	148	<10	20	<0.5	<2	2.60	<0.5	5	13	66	1.66
G226058		5.57	0.014	0.2	0.29	187	<10	200	0.5	<2	3.19	<0.5	6	4	63	1.83
G226059		1.61	0.005	<0.2	0.53	27	<10	170	0.8	<2	2.73	<0.5	6	3	90	2.38
G226060		4.68	0.018	0.3	0.43	150	<10	100	0.9	<2	3.15	<0.5	11	14	126	1.86
G226061		2.31	0.039	0.4	0.34	398	10	210	0.6	<2	4.60	0.8	8	17	75	1.75
G226062		5.34	0.222	1.6	0.39	1850	<10	160	1.6	4	10.70	8.4	9	25	113	2.77
G226063		1.73	0.045	1.9	0.48	261	<10	350	1.7	<2	8.86	1.3	16	26	298	2.54
G226064		2.30	0.011	0.3	0.26	126	10	520	0.7	<2	5.93	1.2	6	38	44	1.84
G226065		5.26	0.466	6.0	0.13	6150	<10	100	1.2	<2	11.55	10.3	54	525	82	4.04
G226066		2.99	0.015	0.4	0.32	395	10	110	1.1	<2	10.80	1.6	13	246	62	3.56
G226067		3.27	<0.005	<0.2	0.82	334	10	50	1.4	<2	6.86	<0.5	23	470	18	3.33
G226068		4.90	0.006	<0.2	2.24	115	10	110	0.8	<2	3.51	<0.5	27	372	41	3.84
G226069		6.86	0.006	<0.2	3.17	43	<10	200	0.8	<2	4.12	<0.5	31	596	10	4.48
G226070		6.45	0.014	<0.2	3.08	37	<10	140	0.7	<2	4.12	<0.5	30	595	12	4.36
G226071		0.14	0.258	2.9	1.99	63	<10	90	<0.5	<2	0.77	1.5	14	96	3280	4.50
G226072		0.47	<0.005	<0.2	0.24	10	<10	30	<0.5	<2	18.6	<0.5	2	9	45	0.53
G226073		4.58	0.008	<0.2	3.27	37	<10	180	0.8	<2	4.59	<0.5	33	928	14	4.53
G226074		2.00	0.033	0.7	0.94	218	<10	80	1.5	<2	7.54	<0.5	38	381	230	4.77
G226075		3.13	0.032	<0.2	0.58	68	<10	50	1.5	<2	5.63	<0.5	20	140	50	2.92
G226076		6.14	0.010	<0.2	1.17	31	<10	70	0.9	<2	6.12	6.2	21	372	124	3.99
G226077		5.00	<0.005	<0.2	1.03	83	<10	70	1.0	<2	5.45	<0.5	21	556	17	2.75
G226078		4.73	5.25	7.4	1.18	36	<10	140	0.6	57	3.07	<0.5	16	65	64	3.19
G226079		4.68	0.021	0.2	0.56	26	<10	100	0.6	<2	6.29	<0.5	10	17	90	2.99
G226080		4.95	0.019	<0.2	2.40	34	<10	100	0.7	<2	5.05	<0.5	34	849	89	4.11

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Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226041		<10	<1	0.44	10	1.33	218	8	0.12	34	440	19	1.43	<2	10	78
G226042		<10	<1	0.19	10	0.88	140	7	0.03	1	210	3	0.99	<2	5	44
G226043		<10	<1	0.19	10	0.42	104	61	0.01	<1	160	4	0.88	<2	2	36
G226044		<10	<1	0.17	10	0.62	95	17	0.03	<1	190	3	1.03	<2	3	24
G226045		<10	<1	0.17	10	0.50	94	10	0.03	<1	190	4	1.36	<2	3	17
G226046		<10	<1	0.18	10	0.23	115	7	0.02	<1	180	6	1.33	<2	2	31
G226047		<10	<1	0.17	10	0.26	125	9	0.02	<1	160	11	0.88	<2	3	31
G226048		<10	<1	0.13	10	0.22	74	7	0.03	<1	110	4	1.00	<2	2	26
G226049		<10	<1	0.21	10	0.56	96	106	0.03	1	190	4	0.89	<2	3	47
G226050		<10	<1	0.16	10	0.26	99	47	0.02	2	180	8	2.67	4	2	44
G226051		<10	<1	0.19	10	0.65	159	32	0.04	4	200	6	1.74	2	7	78
G226052		<10	<1	0.23	<10	1.36	277	7	0.27	9	240	3	1.52	<2	10	90
G226053		10	<1	0.23	<10	1.97	312	13	0.27	11	230	4	1.71	<2	14	112
G226054		<10	<1	0.17	10	0.98	241	319	0.05	8	250	4	1.25	2	11	73
G226055		<10	<1	0.21	10	1.81	400	68	0.06	27	460	5	1.03	4	13	190
G226056		<10	<1	0.16	20	0.35	105	15	0.01	1	80	5	0.81	<2	1	37
G226057		<10	<1	0.17	10	0.91	772	40	<0.01	4	70	14	1.26	2	1	72
G226058		<10	<1	0.20	10	1.03	557	11	0.01	4	540	7	1.42	2	3	163
G226059		<10	<1	0.20	10	0.95	189	8	0.02	5	530	4	1.44	3	3	119
G226060		<10	<1	0.16	10	1.16	256	1	0.01	19	460	6	0.94	14	6	84
G226061		<10	<1	0.15	<10	1.58	446	<1	0.01	16	420	24	0.77	35	4	160
G226062		<10	<1	0.14	<10	3.92	1175	5	0.01	47	540	111	0.87	72	5	257
G226063		<10	<1	0.19	10	3.49	816	11	0.01	67	670	49	0.85	27	7	273
G226064		<10	<1	0.12	<10	2.47	465	2	0.01	62	230	15	0.22	11	6	141
G226065		<10	<1	0.05	<10	5.36	1050	<1	0.03	477	20	1270	1.23	70	5	325
G226066		<10	<1	0.14	<10	4.89	730	<1	0.03	174	180	30	0.43	12	10	322
G226067		<10	<1	0.53	10	3.77	501	<1	0.02	244	230	9	0.08	6	20	420
G226068		10	<1	1.62	30	4.40	401	<1	0.04	236	240	3	0.20	<2	16	220
G226069		10	<1	2.36	20	6.69	606	<1	0.04	195	200	<2	0.11	<2	27	228
G226070		10	<1	2.28	10	6.51	596	<1	0.04	197	190	2	0.09	<2	25	221
G226071		10	<1	0.18	10	0.94	749	35	0.07	151	630	92	0.86	4	5	39
G226072		<10	<1	0.13	<10	11.20	226	<1	0.01	3	250	2	<0.01	<2	1	50
G226073		10	<1	2.37	10	6.97	698	<1	0.05	258	210	<2	0.08	<2	21	235
G226074		<10	<1	0.57	10	4.34	809	<1	0.01	237	280	2	0.93	23	16	276
G226075		<10	1	0.20	30	1.58	530	<1	<0.01	156	590	7	0.43	3	8	137
G226076		<10	<1	0.59	20	3.34	577	<1	0.04	207	290	7	1.50	<2	7	197
G226077		<10	<1	0.61	10	3.54	532	<1	0.04	267	110	9	0.23	<2	7	232
G226078		<10	<1	0.67	30	1.91	353	<1	0.02	72	1030	37	0.79	2	6	111
G226079		<10	<1	0.18	20	2.40	518	<1	0.01	31	720	7	1.00	3	5	143
G226080		<10	<1	1.09	10	5.78	656	<1	0.03	323	220	3	1.09	<2	11	174

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CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
G226041		<10	<20	0.05	<10	<10	60	<10	145
G226042		<10	<20	0.01	<10	<10	18	<10	20
G226043		<10	<20	<0.01	<10	<10	4	<10	21
G226044		<10	<20	0.01	<10	<10	7	<10	42
G226045		<10	<20	<0.01	<10	<10	6	<10	18
G226046		<10	<20	<0.01	<10	<10	2	<10	43
G226047		<10	<20	<0.01	<10	<10	2	<10	75
G226048		<10	<20	<0.01	<10	<10	1	<10	15
G226049		<10	<20	0.01	<10	<10	7	<10	168
G226050		<10	<20	<0.01	<10	<10	2	<10	51
G226051		<10	<20	<0.01	<10	<10	18	<10	65
G226052		<10	<20	0.06	<10	<10	87	<10	67
G226053		<10	<20	0.07	<10	<10	87	<10	38
G226054		<10	<20	0.01	<10	<10	34	<10	33
G226055		<10	<20	0.03	<10	<10	53	<10	37
G226056		<10	20	<0.01	<10	<10	3	<10	8
G226057		<10	20	<0.01	<10	<10	4	<10	22
G226058		<10	<20	<0.01	<10	<10	8	<10	15
G226059		<10	<20	<0.01	<10	<10	12	<10	20
G226060		<10	<20	<0.01	<10	<10	19	<10	44
G226061		<10	<20	<0.01	<10	<10	14	<10	58
G226062		<10	<20	<0.01	<10	<10	18	<10	472
G226063		<10	<20	<0.01	<10	<10	23	<10	153
G226064		<10	<20	<0.01	<10	<10	24	<10	98
G226065		<10	<20	<0.01	<10	<10	11	<10	803
G226066		<10	<20	<0.01	<10	<10	40	<10	184
G226067		<10	<20	0.01	<10	<10	62	<10	121
G226068		<10	<20	0.08	<10	<10	77	<10	88
G226069		<10	<20	0.09	<10	<10	109	<10	70
G226070		<10	<20	0.09	<10	<10	105	<10	66
G226071		<10	<20	0.12	<10	<10	61	10	336
G226072		<10	<20	0.01	<10	<10	6	<10	20
G226073		<10	<20	0.11	<10	<10	92	<10	66
G226074		<10	<20	0.02	<10	<10	48	<10	62
G226075		<10	<20	<0.01	<10	<10	26	<10	47
G226076		<10	<20	0.03	<10	<10	32	<10	381
G226077		<10	<20	0.03	<10	<10	28	<10	66
G226078		<10	<20	0.06	<10	<10	36	<10	40
G226079		<10	<20	0.01	<10	<10	17	<10	28
G226080		<10	<20	0.06	<10	<10	61	<10	58

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226081		4.12	0.102	0.2	0.50	106	<10	20	0.7	<2	10.35	<0.5	28	26	102	4.06
G226082		2.47	0.046	<0.2	0.43	93	<10	20	0.9	<2	8.02	<0.5	21	52	87	3.71
G226083		5.71	0.023	<0.2	1.38	37	<10	110	0.8	<2	5.69	<0.5	19	56	76	3.16
G226084		5.15	0.029	0.3	1.23	22	<10	70	0.9	<2	6.57	<0.5	21	45	87	3.04
G226085		6.33	0.048	0.7	0.76	60	<10	30	0.9	3	7.95	<0.5	20	36	162	3.84
G226086		5.56	0.049	0.2	0.84	51	<10	50	0.9	<2	7.11	<0.5	19	106	109	2.80
G226087		1.94	0.015	3.5	0.19	47	<10	20	<0.5	28	2.13	0.9	27	11	1215	16.5
G226088		4.97	0.037	0.6	0.79	47	<10	40	1.0	<2	6.16	<0.5	29	37	226	2.87
G226089		4.62	0.088	0.4	0.29	89	10	100	1.0	<2	10.60	<0.5	24	33	130	3.76
G226090		4.90	0.018	0.2	0.35	45	<10	90	1.2	<2	13.1	<0.5	10	29	29	3.06
G226091		2.12	0.019	0.3	0.34	151	10	20	1.1	<2	10.85	<0.5	15	32	20	3.09
G226092		5.49	0.006	<0.2	0.25	44	<10	170	0.9	<2	17.2	<0.5	5	16	25	2.78
G226093		6.71	0.006	<0.2	0.25	29	<10	40	1.0	<2	16.4	<0.5	5	19	18	2.42
G226094		3.59	0.006	<0.2	0.28	60	<10	190	0.8	<2	13.75	<0.5	9	33	22	3.08
G226095		1.52	0.034	0.5	0.42	155	<10	260	0.9	<2	7.13	0.5	39	41	121	3.32
G226096		4.63	0.046	0.2	0.41	71	<10	20	0.8	<2	3.80	<0.5	14	27	111	2.31
G226097		4.98	0.070	2.1	0.31	191	10	140	0.6	<2	5.60	4.7	18	15	517	4.13
G226098		5.47	0.112	0.8	0.35	77	<10	340	0.8	<2	4.40	<0.5	12	34	239	2.92
G226099		2.47	0.014	<0.2	0.36	112	<10	400	0.8	<2	6.77	<0.5	14	17	49	3.83
G226100		4.74	0.011	<0.2	0.40	225	<10	80	0.7	<2	6.36	<0.5	18	4	107	4.57
G226101		5.24	0.019	0.9	0.41	145	<10	130	1.1	<2	6.62	<0.5	24	28	339	4.25
G226102		3.41	0.014	0.3	0.33	113	<10	10	0.7	<2	6.45	<0.5	9	23	91	3.51
G226103		5.30	0.028	0.2	0.40	314	10	90	0.7	<2	4.24	<0.5	12	13	91	2.47
G226104		4.63	0.027	1.8	0.20	442	<10	630	<0.5	16	5.95	1.2	6	14	241	2.86
G226105		2.97	0.022	0.2	0.28	712	10	250	0.7	<2	6.41	1.3	8	18	85	2.96
G226106		3.04	0.019	0.5	0.30	624	10	530	0.7	<2	6.71	1.4	9	20	98	2.99
G226107		0.14	1.070	3.5	1.18	64	<10	160	<0.5	5	0.71	2.5	13	62	3400	3.87
G226108		0.76	<0.005	<0.2	0.22	3	<10	30	<0.5	<2	18.4	<0.5	2	8	54	0.53
G226109		3.90	0.029	0.6	0.33	683	10	680	0.9	<2	5.85	2.5	20	105	192	2.68
G226110		2.98	0.005	0.2	0.19	93	<10	170	0.9	<2	10.95	<0.5	7	71	37	3.66
G226111		5.30	0.012	0.3	0.27	191	<10	350	0.9	<2	9.03	0.6	11	21	63	3.71
G226112		2.84	0.012	0.3	0.29	1730	<10	290	0.7	<2	5.67	3.2	16	47	59	2.66
G226113		5.40	0.005	0.2	0.37	59	<10	70	0.9	<2	4.59	<0.5	15	46	37	3.21
G226114		5.77	0.014	0.6	0.35	310	<10	40	0.8	4	5.47	<0.5	18	21	84	6.23
G226115		2.75	0.006	0.2	0.98	55	<10	70	1.0	<2	4.41	<0.5	22	52	97	4.72
G226116		3.53	0.005	0.2	1.74	34	<10	130	1.2	<2	4.14	<0.5	23	44	94	4.82
G226117		0.71	0.006	0.2	1.74	20	<10	150	1.4	<2	2.94	<0.5	27	34	87	4.86
G226118		5.36	<0.005	0.2	1.75	4	<10	290	1.0	<2	3.69	<0.5	21	31	57	4.59
G226119		4.10	0.006	<0.2	1.07	12	<10	120	1.1	<2	4.00	<0.5	16	20	61	4.14
G226120		2.50	0.020	<0.2	0.29	13	<10	460	0.6	<2	2.93	<0.5	4	4	10	2.28

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226081		<10	<1	0.09	20	1.19	736	<1	<0.01	41	480	5	1.30	5	5	123
G226082		<10	<1	0.07	30	1.99	850	2	<0.01	61	540	5	0.70	23	10	134
G226083		<10	<1	0.29	30	2.26	489	<1	0.04	32	710	3	0.70	5	9	184
G226084		<10	<1	0.31	20	1.45	455	<1	0.01	37	540	6	0.65	4	7	141
G226085		<10	<1	0.21	10	1.05	747	<1	0.02	56	470	9	1.07	4	6	139
G226086		<10	<1	0.23	20	1.30	457	<1	0.05	101	550	5	0.87	3	7	188
G226087		<10	<1	0.13	10	0.84	701	<1	<0.01	37	400	32	>10.0	15	3	42
G226088		<10	1	0.26	20	0.99	400	<1	0.02	34	600	6	1.08	9	7	167
G226089		<10	<1	0.10	10	3.40	749	<1	0.01	29	390	6	0.62	2	6	201
G226090		<10	<1	0.08	10	5.59	678	<1	0.02	9	440	7	0.44	3	7	273
G226091		<10	<1	0.10	10	4.56	727	<1	0.02	14	490	11	0.74	7	8	237
G226092		<10	<1	0.05	10	8.04	755	<1	0.03	5	380	11	0.06	7	3	357
G226093		<10	<1	0.06	10	7.71	697	<1	0.02	7	380	8	0.09	4	3	340
G226094		<10	<1	0.07	10	5.98	931	<1	0.02	16	460	7	0.21	2	5	261
G226095		<10	<1	0.10	10	2.57	623	<1	0.01	79	660	17	0.75	5	11	151
G226096		<10	<1	0.13	30	1.21	358	1	<0.01	52	600	9	0.46	4	12	87
G226097		<10	<1	0.12	10	2.07	404	<1	<0.01	30	320	84	1.63	18	7	96
G226098		<10	<1	0.13	20	1.59	352	<1	<0.01	59	420	9	0.68	3	8	136
G226099		<10	<1	0.14	20	2.65	551	<1	<0.01	15	520	6	0.80	3	9	249
G226100		<10	1	0.12	20	2.30	523	<1	<0.01	12	800	9	1.58	9	6	211
G226101		<10	<1	0.16	20	2.47	620	<1	0.01	45	810	7	0.99	6	15	171
G226102		<10	<1	0.13	10	2.56	538	<1	<0.01	55	230	10	0.65	<2	6	88
G226103		<10	<1	0.18	10	1.59	257	<1	<0.01	30	500	14	0.77	8	7	91
G226104		<10	<1	0.09	<10	2.37	458	<1	<0.01	9	140	59	0.49	14	4	122
G226105		<10	<1	0.13	10	2.82	471	<1	0.01	11	300	29	0.58	21	7	133
G226106		<10	<1	0.13	10	2.94	499	<1	0.01	13	340	29	0.49	20	8	180
G226107		10	<1	0.47	20	0.55	288	205	0.02	11	540	116	1.59	27	4	37
G226108		<10	<1	0.13	<10	11.15	224	<1	0.01	2	240	3	<0.01	<2	1	50
G226109		<10	<1	0.14	10	2.29	491	<1	0.01	216	420	57	0.40	27	13	144
G226110		<10	<1	0.07	<10	5.38	793	<1	0.03	15	190	9	0.10	5	8	222
G226111		<10	<1	0.09	10	4.28	664	<1	0.03	10	340	19	0.41	9	8	158
G226112		<10	<1	0.13	10	2.39	353	<1	0.02	37	750	57	0.71	21	10	247
G226113		<10	<1	0.14	20	1.89	478	<1	0.02	23	520	6	0.70	3	12	195
G226114		<10	<1	0.13	10	2.35	412	3	0.02	39	700	19	4.95	6	9	190
G226115		<10	<1	0.30	30	2.02	507	3	0.04	39	980	5	2.13	6	15	204
G226116		10	<1	0.53	30	2.28	490	1	0.06	33	1140	4	2.03	5	15	228
G226117		10	<1	0.63	30	2.04	378	<1	0.03	35	950	5	2.21	3	14	188
G226118		<10	<1	0.96	40	2.33	555	<1	0.05	24	1410	4	1.07	<2	10	165
G226119		<10	<1	0.47	30	1.89	545	1	0.04	19	980	14	1.20	3	10	158
G226120		<10	<1	0.13	10	1.07	240	1	0.02	2	300	6	0.62	2	3	192

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
G226081		<10	<20	0.01	<10	<10	20	10	44
G226082		<10	<20	<0.01	<10	<10	35	<10	48
G226083		<10	<20	0.03	<10	<10	50	<10	44
G226084		<10	<20	0.04	<10	<10	33	<10	42
G226085		<10	<20	0.02	<10	<10	26	<10	46
G226086		<10	<20	0.02	<10	<10	29	<10	40
G226087		<10	<20	<0.01	10	<10	10	<10	42
G226088		<10	<20	0.02	<10	<10	30	30	41
G226089		<10	<20	<0.01	<10	<10	34	<10	43
G226090		<10	<20	<0.01	<10	<10	39	<10	58
G226091		<10	<20	<0.01	<10	<10	45	<10	88
G226092		<10	<20	<0.01	<10	<10	19	<10	98
G226093		<10	<20	<0.01	<10	<10	22	<10	78
G226094		<10	<20	<0.01	<10	<10	32	<10	66
G226095		<10	<20	<0.01	<10	<10	44	<10	115
G226096		<10	<20	<0.01	<10	<10	31	<10	53
G226097		<10	<20	<0.01	<10	<10	20	<10	547
G226098		<10	<20	<0.01	<10	<10	22	<10	72
G226099		<10	<20	<0.01	<10	<10	28	<10	38
G226100		<10	<20	<0.01	<10	<10	15	<10	17
G226101		<10	<20	<0.01	<10	<10	43	<10	65
G226102		<10	<20	<0.01	<10	<10	16	<10	39
G226103		<10	<20	<0.01	<10	<10	17	<10	34
G226104		<10	<20	<0.01	<10	<10	13	<10	157
G226105		<10	<20	<0.01	<10	<10	24	<10	192
G226106		<10	<20	<0.01	<10	<10	28	<10	211
G226107		<10	<20	0.03	<10	<10	40	10	163
G226108		<10	<20	0.01	<10	10	5	<10	18
G226109		<10	<20	<0.01	<10	<10	33	<10	272
G226110		<10	<20	<0.01	<10	<10	30	<10	60
G226111		<10	<20	<0.01	<10	<10	35	<10	117
G226112		<10	<20	<0.01	<10	<10	27	<10	742
G226113		<10	<20	<0.01	<10	<10	34	<10	48
G226114		<10	<20	<0.01	<10	<10	30	<10	88
G226115		<10	<20	0.01	<10	<10	72	<10	44
G226116		<10	<20	0.02	<10	<10	77	<10	47
G226117		<10	<20	0.03	<10	<10	72	<10	52
G226118		<10	<20	0.07	<10	<10	64	<10	47
G226119		<10	<20	0.02	<10	<10	57	<10	64
G226120		<10	<20	<0.01	<10	<10	9	<10	11

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084112

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TB09084113

Project: Sonora

P.O. No.:

This report is for 108 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 6-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G226277		4.93	0.107	4.3	0.34	383	10	50	0.8	18	6.68	14.9	15	28	232	4.81
G226278		4.15	0.018	0.8	0.35	88	10	170	1.7	2	10.85	4.1	4	13	48	2.38
G226279		6.34	0.041	1.2	0.28	611	<10	270	1.8	5	14.8	6.0	5	17	61	2.59
G226280		4.91	0.062	2.0	0.33	324	<10	80	1.5	3	11.35	9.6	7	43	70	2.81
G226281		3.55	0.024	0.4	0.58	516	<10	20	1.4	<2	7.61	0.9	18	23	57	2.55
G226282		6.18	<0.005	<0.2	0.11	622	<10	20	1.0	<2	16.0	<0.5	9	360	6	2.90
G226283		6.07	<0.005	<0.2	0.78	74	<10	60	1.0	2	7.43	<0.5	39	1075	8	3.98
G226284		5.37	0.005	0.5	2.41	68	<10	140	1.4	<2	3.30	<0.5	41	436	73	6.14
G226285		4.98	0.005	<0.2	0.29	329	<10	20	0.8	<2	5.30	<0.5	52	749	6	3.67
G226286		3.46	0.007	<0.2	0.13	518	<10	50	1.0	<2	5.42	<0.5	44	404	7	3.49
G226287		3.29	0.006	<0.2	0.13	575	<10	30	1.1	<2	5.58	<0.5	47	424	6	3.71
G226288		0.14	0.960	3.8	1.23	61	<10	140	<0.5	8	0.73	2.9	14	64	3340	3.85
G226289		0.57	<0.005	<0.2	0.25	3	<10	30	<0.5	<2	20.0	<0.5	1	10	7	0.51
G226290		2.83	0.006	0.4	0.38	367	<10	40	1.1	<2	6.81	0.5	33	197	39	3.43
G226291		5.21	<0.005	<0.2	0.30	69	<10	30	0.5	<2	3.48	0.6	9	6	7	1.61
G226292		4.92	<0.005	<0.2	0.33	6	<10	10	0.5	<2	1.59	<0.5	3	4	1	0.79
G226293		5.29	<0.005	<0.2	0.25	7	<10	20	<0.5	<2	1.18	<0.5	3	4	2	0.88
G226294		4.88	<0.005	<0.2	0.25	18	<10	40	0.5	2	2.37	<0.5	3	4	4	1.10
G226295		1.91	0.005	0.2	0.27	14	<10	30	0.5	<2	2.14	<0.5	4	3	15	1.29
G226296		2.85	0.006	0.2	0.24	27	<10	30	0.5	<2	0.57	<0.5	3	5	46	1.31
G226297		5.10	0.010	0.2	0.28	20	<10	50	0.5	2	1.00	<0.5	3	7	47	1.38
G226298		4.11	0.005	<0.2	0.34	34	<10	70	0.6	<2	1.14	<0.5	3	6	64	1.60
G226299		7.11	0.025	0.5	0.23	91	<10	80	0.5	<2	0.84	<0.5	2	6	48	1.37
G226300		5.16	0.005	0.2	0.27	28	<10	180	0.6	<2	0.81	0.6	3	6	48	1.36
G226301		5.65	0.011	1.3	0.42	119	<10	220	0.8	3	1.64	0.8	5	5	110	2.08
G226302		5.19	0.481	2.2	0.37	275	<10	100	0.8	4	1.25	1.0	6	6	128	1.97
G226303		5.33	0.098	0.5	0.29	573	<10	20	0.6	<2	1.40	1.3	4	4	77	1.97
G226304		5.30	0.017	0.8	0.30	66	<10	30	0.8	3	1.08	7.4	5	8	135	1.92
G226305		6.11	0.039	0.5	0.28	161	<10	20	0.5	2	0.79	0.8	3	5	51	1.36
G226306		4.12	0.012	<0.2	0.24	13	<10	130	<0.5	<2	0.54	0.6	1	4	11	1.17
G226307		5.48	0.068	<0.2	0.79	30	<10	220	0.7	<2	1.54	<0.5	4	11	25	1.81
G226308		5.51	0.020	0.3	0.64	80	<10	140	0.8	2	2.56	0.7	6	9	58	2.14
G226309		3.70	0.013	0.2	0.32	76	<10	40	0.7	2	1.08	<0.5	7	7	69	1.83
G226310		5.78	0.024	0.4	0.38	102	<10	40	0.6	<2	1.27	1.1	4	12	86	1.55
G226311		5.56	0.031	0.2	0.53	169	<10	40	0.8	<2	1.70	1.8	6	8	50	1.76
G226312		5.79	0.192	0.3	0.59	36	<10	140	0.8	<2	1.76	0.8	8	7	86	1.89
G226313		5.66	0.010	0.2	0.23	61	<10	30	<0.5	<2	1.27	0.5	3	6	55	1.51
G226314		3.45	0.043	0.3	0.24	142	<10	30	<0.5	<2	1.13	0.6	3	8	35	1.48
G226315		5.47	0.144	1.2	0.23	98	<10	20	0.5	7	1.19	10.7	4	5	140	1.83
G226316		3.10	0.010	0.4	0.19	16	<10	120	<0.5	2	0.85	<0.5	3	7	71	1.31

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226277		<10	1	0.16	10	3.17	474	<1	0.02	36	350	624	4.26	62	7	154
G226278		<10	<1	0.15	20	5.57	493	<1	0.03	21	330	54	1.23	24	3	279
G226279		<10	<1	0.10	10	6.67	674	<1	0.03	33	210	126	0.99	26	2	339
G226280		<10	1	0.11	10	5.69	618	<1	0.03	116	70	243	1.02	27	4	322
G226281		<10	1	0.16	10	4.05	521	<1	0.02	306	170	28	1.04	15	3	219
G226282		<10	1	0.04	10	8.87	676	<1	0.02	171	10	3	0.25	8	3	1210
G226283		<10	1	0.37	10	10.55	839	<1	0.02	1070	180	8	0.05	7	6	636
G226284		10	1	1.16	20	6.07	1035	<1	0.02	348	240	10	0.04	3	24	217
G226285		<10	<1	0.04	10	11.50	1050	<1	0.01	951	60	<2	0.06	13	3	465
G226286		<10	<1	0.06	10	13.55	875	<1	0.01	780	20	3	0.40	10	3	634
G226287		<10	1	0.06	10	14.25	913	<1	0.02	823	20	3	0.44	8	3	638
G226288		<10	<1	0.47	30	0.56	290	226	0.04	13	560	117	1.65	28	4	37
G226289		<10	1	0.14	10	11.80	224	<1	0.02	7	260	<2	<0.01	<2	<1	51
G226290		<10	<1	0.09	20	5.16	923	<1	0.02	566	110	34	0.10	8	8	529
G226291		<10	<1	0.18	20	1.65	349	1	0.01	121	70	6	0.33	<2	1	141
G226292		<10	<1	0.14	20	0.76	177	<1	0.01	21	30	7	0.24	<2	<1	67
G226293		<10	1	0.18	20	0.48	177	<1	0.01	9	130	<2	0.32	<2	<1	33
G226294		<10	<1	0.17	30	0.99	274	1	0.01	13	60	3	0.51	<2	<1	90
G226295		<10	<1	0.21	20	0.82	324	<1	0.01	18	180	3	0.54	<2	1	68
G226296		<10	<1	0.16	30	0.14	86	23	0.03	1	90	2	0.71	<2	<1	14
G226297		<10	1	0.18	30	0.20	82	25	0.03	2	100	<2	0.95	<2	<1	20
G226298		<10	<1	0.17	30	0.39	96	48	0.03	1	100	3	0.91	<2	<1	27
G226299		<10	<1	0.16	30	0.17	78	63	0.03	1	100	3	0.86	<2	<1	19
G226300		<10	<1	0.16	30	0.31	97	13	0.03	2	90	<2	0.61	<2	<1	21
G226301		<10	<1	0.26	20	0.54	131	36	0.02	3	90	68	1.12	2	1	60
G226302		<10	<1	0.25	20	0.24	160	37	0.01	2	70	34	1.17	4	1	30
G226303		<10	<1	0.16	30	0.36	109	42	0.01	1	90	3	1.14	<2	<1	29
G226304		<10	<1	0.24	20	0.16	87	8	0.02	7	150	15	1.43	<2	<1	20
G226305		<10	<1	0.17	30	0.17	75	8	0.02	2	100	3	1.05	<2	<1	20
G226306		<10	<1	0.24	30	0.06	51	5	0.03	1	90	3	0.76	<2	<1	20
G226307		<10	<1	0.44	30	0.60	111	21	0.04	5	240	2	1.03	<2	2	57
G226308		<10	<1	0.30	30	1.00	173	21	0.02	8	260	3	1.12	<2	3	90
G226309		<10	1	0.18	30	0.27	111	22	0.02	11	270	<2	1.16	<2	2	31
G226310		<10	<1	0.19	30	0.26	94	45	0.03	4	120	2	1.27	<2	1	32
G226311		<10	<1	0.31	30	0.55	87	75	0.03	6	270	3	1.53	<2	1	40
G226312		<10	<1	0.35	30	0.53	67	32	0.03	7	360	3	1.60	<2	1	46
G226313		<10	<1	0.17	20	0.09	75	33	0.01	3	110	3	1.48	<2	<1	20
G226314		<10	<1	0.18	20	0.15	94	56	0.01	2	80	<2	1.16	<2	<1	16
G226315		<10	<1	0.17	20	0.16	122	56	0.01	2	110	8	1.28	<2	1	23
G226316		<10	<1	0.14	20	0.12	89	36	0.01	1	80	3	1.00	<2	<1	16

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226277		<10	<20	<0.01	<10	<10	21	<10	955
G226278		<10	<20	<0.01	<10	<10	14	<10	444
G226279		<10	<20	<0.01	<10	<10	14	<10	332
G226280		<10	<20	<0.01	<10	<10	19	<10	477
G226281		<10	<20	<0.01	<10	<10	14	<10	123
G226282		<10	<20	<0.01	<10	<10	12	<10	9
G226283		<10	<20	0.02	<10	<10	33	<10	16
G226284		<10	<20	0.09	<10	<10	106	<10	76
G226285		<10	<20	<0.01	<10	<10	13	<10	32
G226286		<10	<20	<0.01	<10	<10	8	<10	18
G226287		<10	<20	<0.01	<10	<10	8	<10	20
G226288		<10	<20	0.03	<10	<10	40	<10	189
G226289		<10	<20	0.01	<10	<10	6	<10	14
G226290		<10	<20	<0.01	<10	<10	27	<10	145
G226291		<10	20	<0.01	<10	<10	2	<10	39
G226292		<10	20	<0.01	<10	<10	<1	<10	8
G226293		<10	20	<0.01	<10	<10	<1	<10	8
G226294		<10	20	<0.01	<10	<10	1	<10	13
G226295		<10	30	<0.01	<10	<10	2	<10	18
G226296		<10	20	<0.01	<10	<10	1	<10	10
G226297		<10	20	<0.01	<10	<10	1	<10	10
G226298		<10	20	<0.01	<10	<10	2	<10	15
G226299		<10	20	<0.01	<10	<10	1	<10	15
G226300		<10	20	<0.01	<10	<10	1	<10	40
G226301		<10	20	<0.01	<10	<10	2	<10	47
G226302		<10	20	<0.01	<10	<10	1	<10	39
G226303		<10	20	<0.01	<10	<10	1	<10	56
G226304		<10	20	<0.01	<10	<10	1	<10	181
G226305		<10	20	<0.01	<10	<10	1	<10	35
G226306		<10	20	<0.01	<10	<10	<1	<10	12
G226307		<10	20	0.03	<10	<10	10	<10	29
G226308		<10	20	0.01	<10	<10	10	<10	47
G226309		<10	20	<0.01	<10	<10	5	<10	18
G226310		<10	20	<0.01	<10	<10	5	<10	39
G226311		<10	20	0.01	<10	<10	4	<10	72
G226312		<10	<20	0.01	<10	<10	4	20	23
G226313		<10	20	<0.01	<10	<10	1	<10	21
G226314		<10	20	<0.01	<10	<10	1	<10	38
G226315		<10	20	<0.01	<10	<10	1	<10	296
G226316		<10	20	<0.01	<10	<10	1	<10	7

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Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G226317		2.68	0.025	0.3	0.20	30	<10	30	<0.5	<2	1.08	0.5	2	7	78	1.14
G226318		5.72	0.051	0.7	0.22	225	<10	30	0.5	<2	1.30	1.1	3	7	85	1.48
G226319		2.27	0.016	0.4	0.25	76	<10	30	<0.5	<2	0.98	<0.5	3	4	67	1.62
G226320		2.40	0.018	<0.2	0.23	101	<10	30	<0.5	<2	0.87	<0.5	2	5	41	1.44
G226321		0.14	0.272	3.0	2.00	59	<10	90	<0.5	<2	0.79	1.7	14	92	3200	4.30
G226322		0.50	0.005	0.2	0.25	<2	<10	30	<0.5	<2	19.9	<0.5	2	8	5	0.51
G226323		6.20	0.017	0.4	0.27	21	<10	20	0.6	<2	1.25	0.7	3	5	74	1.51
G226324		2.70	0.007	0.4	0.31	25	<10	20	0.6	<2	1.23	0.9	3	5	60	1.46
G226325		4.68	0.010	0.3	0.27	18	<10	60	0.5	<2	1.19	<0.5	3	5	60	1.69
G226326		3.58	0.020	0.7	0.31	40	<10	30	0.8	2	1.54	1.3	7	7	138	2.40
G226327		2.58	0.012	0.5	0.23	20	<10	60	0.5	<2	1.03	0.5	5	14	117	2.12
G226328		5.68	0.032	2.3	0.35	210	<10	80	0.6	4	1.76	1.9	14	6	276	4.06
G226329		1.85	0.009	0.3	0.26	49	<10	170	0.5	<2	1.94	2.8	9	11	97	1.99
G226330		2.62	0.005	0.2	2.33	127	<10	80	2.4	<2	4.85	<0.5	19	232	135	4.07
G226331		5.16	0.015	1.3	0.62	78	<10	100	1.0	5	4.05	2.1	15	21	174	3.13
G226332		2.15	0.009	0.5	2.94	127	<10	90	1.4	2	4.65	<0.5	29	360	109	4.72
G226333		5.37	0.008	0.3	0.61	27	<10	20	<0.5	<2	1.60	0.7	4	6	45	1.76
G226334		5.37	0.013	0.4	1.19	65	<10	20	<0.5	<2	1.53	0.7	6	11	119	2.72
G226335		6.14	0.012	<0.2	1.01	26	<10	20	<0.5	<2	1.35	<0.5	3	9	30	2.01
G226336		5.07	0.005	<0.2	1.15	17	<10	50	<0.5	<2	1.52	<0.5	9	65	44	2.29
G226337		4.14	0.006	<0.2	0.78	42	<10	20	<0.5	<2	1.42	<0.5	5	19	24	2.34
G226338		5.68	0.043	0.3	1.97	42	<10	30	0.7	<2	2.42	2.0	11	106	108	3.09
G226339		4.89	0.006	0.9	1.50	8	<10	20	0.5	2	1.51	0.5	9	21	125	2.57
G226340		6.17	0.015	0.6	3.51	9	<10	30	0.8	3	3.26	<0.5	19	40	266	4.43
G226341		2.78	0.009	0.2	3.39	12	<10	30	1.0	<2	5.23	<0.5	11	39	139	2.50
G226342		4.38	0.014	0.4	1.53	89	<10	30	0.7	<2	3.30	<0.5	8	13	156	2.44
G226343		3.93	0.013	0.2	1.24	63	<10	60	0.7	<2	2.72	<0.5	7	11	106	2.41
G226344		3.12	0.019	<0.2	1.31	44	<10	40	0.8	<2	1.93	<0.5	9	14	98	3.12
G226345		4.63	0.012	0.3	1.04	44	<10	30	0.5	<2	2.28	0.7	11	13	129	3.13
G226346		6.48	0.028	0.6	1.02	156	<10	30	0.9	2	3.19	1.1	14	16	188	3.60
G226347		2.57	0.007	0.5	1.56	26	<10	60	0.7	<2	2.73	<0.5	14	8	137	3.44
G226348		4.71	0.005	0.2	0.41	61	<10	10	0.8	<2	2.38	<0.5	5	3	86	1.94
G226349		5.26	<0.005	0.2	0.31	17	<10	20	0.6	2	1.48	<0.5	3	4	21	2.01
G226350		5.00	0.006	0.3	0.32	116	<10	90	0.7	<2	1.87	<0.5	5	3	93	2.32
G226351		5.90	0.022	<0.2	0.30	111	<10	30	0.6	<2	1.63	<0.5	3	4	44	1.49
G226352		4.73	0.018	0.4	0.52	399	<10	20	1.0	3	2.36	1.2	10	6	144	2.51
G226353		3.26	0.019	1.1	2.13	131	<10	70	1.5	3	4.81	<0.5	24	30	372	4.24
G226354		3.29	0.312	31.0	0.20	957	<10	20	<0.5	599	2.78	0.9	38	5	76	1.31
G226355		2.74	0.027	0.2	0.27	22	<10	20	0.5	2	1.07	<0.5	3	3	49	1.31
G226356		2.95	0.011	0.3	0.27	29	<10	20	0.5	2	1.06	<0.5	5	3	72	1.43

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 25-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226317		<10	1	0.12	20	0.21	89	38	0.01	1	70	2	0.69	<2	<1	23
G226318		<10	<1	0.14	20	0.28	100	21	0.01	1	80	3	0.99	<2	1	26
G226319		<10	<1	0.20	20	0.12	69	35	<0.01	1	70	2	1.17	<2	<1	23
G226320		<10	<1	0.19	20	0.11	65	32	<0.01	1	70	2	1.05	<2	<1	33
G226321		10	1	0.15	10	0.93	738	37	0.06	147	630	92	0.85	4	5	38
G226322		<10	<1	0.14	10	11.70	224	<1	<0.01	6	250	<2	<0.01	<2	1	50
G226323		<10	<1	0.19	20	0.17	95	37	<0.01	2	70	2	1.15	<2	<1	46
G226324		<10	1	0.16	40	0.30	93	44	0.02	1	110	4	0.98	<2	1	25
G226325		<10	<1	0.16	30	0.23	78	13	0.02	2	120	3	1.35	<2	<1	29
G226326		<10	<1	0.17	30	0.37	131	19	<0.01	6	170	3	1.46	<2	2	60
G226327		<10	<1	0.15	20	0.20	106	6	<0.01	9	160	2	1.49	<2	1	32
G226328		<10	<1	0.24	20	0.37	257	47	0.01	6	290	20	3.26	2	2	104
G226329		<10	1	0.15	20	0.49	145	3	<0.01	12	150	3	1.39	<2	2	115
G226330		10	1	0.70	20	3.49	533	19	0.04	125	1260	<2	0.90	5	20	349
G226331		<10	1	0.15	10	1.76	263	27	<0.01	71	460	18	2.23	<2	6	303
G226332		10	1	0.68	20	3.10	437	32	0.15	147	1980	<2	3.15	3	16	100
G226333		<10	<1	0.20	10	0.48	114	45	0.01	4	190	2	1.50	<2	2	37
G226334		10	<1	0.20	<10	1.07	198	5	0.04	4	290	3	1.64	<2	8	21
G226335		<10	<1	0.17	10	0.80	121	5	0.05	3	230	<2	1.59	<2	4	33
G226336		<10	1	0.26	10	1.19	148	34	0.07	34	620	2	1.67	<2	5	70
G226337		<10	<1	0.12	10	0.69	120	14	0.03	7	240	<2	2.10	<2	4	57
G226338		10	<1	0.39	20	1.62	255	37	0.11	46	450	4	2.04	<2	6	89
G226339		<10	<1	0.30	10	1.11	145	6	0.06	9	270	<2	1.60	<2	5	39
G226340		10	1	0.26	10	2.41	347	16	0.25	19	240	<2	2.19	2	21	136
G226341		10	<1	0.19	10	1.54	344	6	0.42	28	190	3	1.02	<2	14	178
G226342		10	1	0.33	20	0.73	203	6	0.13	9	570	3	1.93	<2	4	96
G226343		<10	<1	0.32	20	0.76	108	60	0.07	5	590	<2	1.99	<2	3	95
G226344		10	<1	0.28	10	0.87	78	83	0.10	7	590	5	2.58	<2	3	73
G226345		<10	<1	0.27	20	0.85	109	23	0.05	7	610	5	2.41	<2	3	69
G226346		<10	<1	0.21	20	1.13	345	66	0.05	12	250	4	1.75	4	14	134
G226347		10	<1	0.21	10	0.95	260	52	0.11	6	270	2	2.02	2	10	127
G226348		<10	<1	0.13	10	0.68	203	52	<0.01	2	220	3	1.17	<2	6	73
G226349		<10	<1	0.14	30	0.32	103	<1	0.02	1	90	4	1.79	<2	1	43
G226350		<10	<1	0.18	20	0.24	153	36	0.01	1	100	6	1.89	3	<1	44
G226351		<10	<1	0.18	20	0.18	87	11	0.02	1	80	5	1.05	2	<1	40
G226352		<10	<1	0.23	20	0.37	178	8	0.01	6	330	5	1.97	7	3	63
G226353		10	<1	0.53	30	1.44	378	9	0.18	23	920	6	3.04	12	8	212
G226354		<10	<1	0.15	10	0.82	739	51	0.01	5	120	145	0.96	19	1	82
G226355		<10	<1	0.18	20	0.29	85	2	<0.01	<1	80	6	0.85	<2	<1	57
G226356		<10	<1	0.18	20	0.27	79	1	0.01	1	80	5	1.04	<2	<1	41

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CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
G226317		<10	20	<0.01	<10	<10	2	<10	28
G226318		<10	20	<0.01	<10	10	2	<10	44
G226319		<10	20	<0.01	<10	<10	1	<10	16
G226320		<10	20	<0.01	<10	<10	1	<10	12
G226321		<10	<20	0.12	<10	<10	60	10	337
G226322		<10	<20	0.01	<10	<10	5	<10	14
G226323		<10	20	<0.01	<10	<10	1	<10	26
G226324		<10	30	<0.01	<10	<10	2	<10	37
G226325		<10	20	<0.01	<10	<10	1	<10	21
G226326		<10	20	<0.01	<10	<10	6	<10	61
G226327		<10	20	<0.01	<10	<10	2	<10	36
G226328		<10	20	<0.01	<10	<10	7	<10	70
G226329		<10	20	<0.01	<10	<10	5	<10	102
G226330		<10	<20	0.05	<10	<10	99	<10	52
G226331		<10	<20	<0.01	<10	<10	16	<10	124
G226332		<10	20	0.19	<10	<10	132	<10	53
G226333		<10	<20	<0.01	<10	<10	6	<10	33
G226334		<10	<20	0.03	<10	<10	29	<10	44
G226335		<10	<20	0.02	<10	<10	15	<10	20
G226336		<10	<20	0.08	<10	<10	37	<10	20
G226337		<10	<20	0.01	<10	<10	13	<10	15
G226338		<10	<20	0.06	<10	<10	46	<10	110
G226339		<10	<20	0.02	<10	<10	20	<10	36
G226340		<10	<20	0.07	<10	<10	105	<10	41
G226341		<10	<20	0.07	<10	<10	73	10	29
G226342		<10	<20	0.01	<10	<10	28	<10	17
G226343		<10	<20	0.01	<10	<10	24	<10	14
G226344		<10	<20	0.01	<10	<10	31	<10	16
G226345		<10	<20	0.01	<10	<10	27	<10	43
G226346		<10	<20	0.01	<10	<10	45	<10	77
G226347		<10	<20	0.05	<10	<10	49	<10	30
G226348		<10	<20	<0.01	<10	<10	8	<10	18
G226349		<10	20	<0.01	<10	<10	1	<10	11
G226350		<10	20	<0.01	<10	<10	1	<10	31
G226351		<10	20	<0.01	<10	<10	1	<10	21
G226352		<10	20	<0.01	<10	<10	7	<10	58
G226353		<10	<20	0.05	<10	<10	37	<10	30
G226354		190	<20	<0.01	<10	<10	2	<10	14
G226355		<10	20	<0.01	<10	<10	<1	<10	17
G226356		<10	20	<0.01	<10	<10	<1	<10	19

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226357		0.14	0.977	3.9	1.18	61	<10	130	<0.5	5	0.71	2.6	14	61	3390	3.61
G226358		0.40	<0.005	<0.2	0.23	<2	<10	30	<0.5	<2	19.0	<0.5	2	7	5	0.51
G226359		4.31	0.008	0.2	0.28	18	<10	30	0.6	<2	1.83	0.9	3	5	72	1.22
G226360		5.02	0.545	0.5	2.62	71	<10	90	0.7	2	2.87	<0.5	14	20	170	3.47
G226361		3.84	0.021	0.6	1.97	132	<10	70	1.1	3	3.76	<0.5	22	28	238	3.44
G226362		4.54	0.019	0.3	0.58	138	<10	20	0.9	<2	2.82	<0.5	10	12	75	2.05
G226363		5.16	0.195	5.5	0.42	2330	<10	90	1.2	5	7.83	6.6	9	17	132	2.77
G226364		4.26	0.074	1.1	0.57	717	<10	230	1.4	5	6.38	0.9	13	21	132	3.07
G226365		3.67	0.020	0.2	0.41	198	<10	30	1.0	2	7.96	0.9	21	54	94	3.58
G226366		5.18	0.078	0.3	1.20	29	<10	40	1.0	3	11.20	<0.5	25	25	109	4.00
G226367		2.42	0.014	<0.2	0.95	269	<10	220	1.4	<2	9.36	<0.5	18	815	36	3.32
G226368		6.57	0.014	<0.2	1.36	14	<10	90	0.6	<2	4.80	<0.5	14	34	33	2.33
G266369		2.19	0.013	0.3	1.73	14	<10	50	0.9	<2	6.92	<0.5	16	39	35	1.91
G266370		2.53	0.042	0.2	1.33	42	<10	40	0.7	2	7.66	<0.5	26	103	94	2.50
G266371		2.68	0.043	<0.2	0.44	37	<10	70	<0.5	<2	7.53	<0.5	17	27	88	2.69
G266372		2.36	0.020	0.2	1.88	62	<10	120	0.8	<2	3.02	<0.5	20	75	65	2.76
G266373		6.14	0.176	0.7	1.66	72	<10	50	0.6	<2	6.61	<0.5	35	502	178	3.04
G266374		2.24	0.015	<0.2	2.03	61	<10	100	1.4	<2	4.70	<0.5	22	302	51	3.23
G266375		4.19	0.016	0.2	0.60	94	<10	90	1.2	<2	5.08	<0.5	19	30	82	3.53
G266376		3.71	0.015	0.5	0.54	131	<10	50	1.6	<2	4.10	<0.5	20	21	92	3.51
G266377		3.23	2.09	4.1	0.33	>10000	<10	20	0.6	40	5.04	0.9	26	11	489	10.10
G226378		3.85	0.023	0.3	0.36	312	<10	100	0.9	5	8.02	0.7	26	24	57	4.49
G226379		2.45	0.012	<0.2	0.34	187	<10	310	0.8	2	7.25	0.7	5	66	71	2.88
G226380		6.09	0.117	0.5	0.52	231	<10	80	0.7	<2	2.47	0.9	14	28	49	3.08
G226381		5.44	0.017	<0.2	0.83	93	<10	50	0.6	2	1.65	<0.5	14	31	70	3.40
G226382		5.34	0.018	0.3	0.97	29	<10	100	0.7	<2	2.99	<0.5	14	39	74	3.48
G226383		5.90	0.016	0.3	0.52	38	<10	70	1.0	<2	5.35	<0.5	15	35	99	3.36
G226384		5.90	0.020	0.2	0.44	90	<10	360	0.9	<2	6.19	<0.5	12	14	53	3.84

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CERTIFICATE OF ANALYSIS TB09084113

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G226357		<10	<1	0.45	20	0.53	280	211	0.03	12	550	116	1.61	24	4	37
G226358		<10	<1	0.13	<10	11.15	216	<1	0.01	2	240	3	<0.01	<2	<1	52
G226359		<10	<1	0.19	30	0.16	82	<1	0.02	1	100	6	0.88	<2	<1	35
G226360		10	1	0.34	20	1.22	298	<1	0.28	12	750	8	1.50	<2	6	155
G226361		10	<1	0.24	20	1.28	313	2	0.27	18	470	5	1.99	3	7	168
G226362		<10	<1	0.18	20	0.96	297	1	0.03	11	400	8	1.21	7	5	134
G226363		<10	<1	0.14	10	2.76	1025	1	0.01	24	380	203	1.27	74	6	247
G226364		<10	<1	0.19	10	1.88	754	2	0.01	47	460	26	1.19	18	6	171
G226365		<10	<1	0.11	10	3.25	763	<1	0.01	94	690	33	1.05	16	9	244
G226366		<10	<1	0.16	10	1.71	608	<1	0.05	70	640	4	1.70	6	7	238
G226367		<10	<1	0.24	10	3.60	821	<1	0.03	229	170	3	0.28	11	7	349
G226368		<10	<1	0.44	20	1.75	400	<1	0.08	36	670	4	0.33	<2	6	140
G226369		<10	<1	0.13	10	1.55	492	<1	0.15	38	680	6	0.47	<2	6	201
G226370		<10	<1	0.12	10	1.13	397	<1	0.12	80	620	3	1.08	2	3	175
G226371		<10	<1	0.15	30	3.36	512	<1	0.01	49	550	4	0.80	<2	5	185
G226372		10	<1	0.62	20	2.05	325	<1	0.07	61	530	5	0.54	3	8	104
G226373		<10	<1	0.36	10	5.15	472	<1	0.06	435	300	5	0.94	2	7	229
G226374		10	1	0.94	10	2.92	498	<1	0.03	137	320	6	0.38	4	13	195
G226375		<10	<1	0.17	40	1.84	478	<1	0.01	38	740	6	0.85	6	11	336
G226376		<10	<1	0.19	30	1.37	493	<1	0.01	19	800	6	0.42	<2	13	182
G226377		<10	<1	0.17	<10	1.70	570	<1	0.02	33	480	33	5.85	59	5	216
G226378		<10	1	0.10	10	2.81	955	<1	0.01	39	470	17	0.96	8	8	309
G226379		<10	<1	0.08	20	2.88	480	<1	0.01	20	200	16	0.27	7	9	160
G226380		<10	<1	0.18	20	1.09	277	<1	0.01	43	350	13	0.59	3	7	109
G226381		<10	<1	0.35	30	0.93	220	<1	0.02	37	370	6	1.10	4	6	94
G226382		<10	<1	0.39	30	1.19	351	<1	0.03	40	330	4	0.63	<2	8	186
G226383		<10	<1	0.16	40	2.01	424	<1	0.01	39	750	6	0.73	2	8	185
G226384		<10	<1	0.10	30	2.44	537	<1	0.01	17	890	8	0.55	2	9	199

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Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226357		<10	<20	0.03	<10	<10	39	<10	163
G226358		<10	<20	0.01	<10	10	4	<10	14
G226359		<10	20	<0.01	<10	<10	<1	<10	49
G226360		<10	20	0.10	<10	<10	40	<10	36
G226361		<10	<20	0.05	<10	<10	36	<10	31
G226362		<10	20	<0.01	<10	<10	17	<10	23
G226363		<10	<20	<0.01	<10	<10	19	<10	353
G226364		<10	<20	<0.01	<10	<10	18	<10	86
G226365		<10	<20	<0.01	<10	<10	42	<10	135
G226366		<10	<20	0.02	<10	<10	36	<10	33
G226367		<10	<20	0.01	<10	<10	28	<10	49
G226368		<10	<20	0.10	<10	<10	42	<10	41
G226369		<10	<20	0.09	<10	<10	29	<10	38
G226370		<10	<20	0.06	<10	<10	17	<10	21
G226371		<10	<20	<0.01	<10	<10	26	<10	20
G226372		<10	<20	0.05	<10	<10	53	<10	38
G226373		<10	<20	0.04	<10	<10	32	<10	37
G226374		<10	<20	0.05	<10	<10	59	<10	72
G226375		<10	20	<0.01	<10	<10	36	<10	45
G226376		<10	<20	<0.01	<10	<10	41	<10	77
G226377		<10	<20	<0.01	<10	<10	12	<10	90
G226378		<10	<20	<0.01	<10	<10	22	<10	119
G226379		<10	<20	<0.01	<10	<10	45	<10	74
G226380		<10	<20	0.01	<10	<10	28	<10	82
G226381		<10	20	0.02	<10	<10	28	<10	26
G226382		<10	20	0.03	<10	<10	39	<10	31
G226383		<10	20	<0.01	<10	<10	30	<10	39
G226384		<10	20	<0.01	<10	<10	31	<10	45

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 18-AUG-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TR09080981

Project: Sonora

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Terrace, BC, Canada on 4-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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EDMONTON AB T5S 1K7

Finalized Date: 18-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09080981

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226173		6.04	<0.005	<0.2	0.99	9	<10	30	0.8	<2	1.04	<0.5	3	12	33	1.30
G226174		4.29	0.006	0.6	0.95	16	<10	30	0.6	<2	1.18	<0.5	5	14	40	1.22
G226175		5.76	0.026	0.8	3.74	9	<10	110	0.7	<2	2.91	0.5	32	4	179	4.40
G226176		6.14	0.010	0.4	1.21	19	<10	20	0.5	<2	2.28	1.5	6	11	72	2.25
G226177		5.82	0.008	0.3	0.92	18	<10	20	<0.5	<2	1.50	<0.5	4	5	32	2.18
G226178		5.19	0.005	0.3	0.93	12	<10	20	<0.5	<2	1.42	<0.5	4	7	33	2.08
G226179		0.12	1.160	3.7	1.19	60	<10	130	<0.5	3	0.67	2.6	13	61	3140	3.74
G226180		0.63	0.305	0.4	0.27	3	<10	30	<0.5	<2	19.1	<0.5	3	8	6	0.50
G226181		3.69	0.010	0.2	1.30	12	<10	100	0.5	<2	2.21	<0.5	3	5	24	2.11
G226182		5.89	0.020	0.7	0.76	50	<10	30	<0.5	3	2.30	0.8	6	10	94	2.22
G226183		5.84	0.018	0.6	0.63	24	<10	20	0.5	<2	2.00	0.7	6	4	97	1.85
G226184		5.60	0.093	1.1	0.59	252	<10	50	<0.5	2	2.34	1.6	9	9	141	2.19
G226185		6.17	0.009	0.4	0.41	75	<10	30	<0.5	<2	1.55	<0.5	5	5	69	1.39
G226186		5.47	0.016	0.8	0.48	229	<10	10	0.6	<2	1.83	1.5	5	4	81	1.70
G226187		2.26	0.008	0.6	0.78	74	<10	80	0.8	<2	2.46	<0.5	7	5	161	2.56
G226188		5.90	0.018	0.5	0.62	167	<10	50	<0.5	<2	1.95	<0.5	6	6	100	1.42
G226189		6.55	0.139	1.3	0.43	311	<10	30	<0.5	2	1.48	<0.5	5	8	138	2.15
G226190		4.24	0.146	0.9	0.48	175	<10	10	0.5	<2	1.80	<0.5	6	3	105	1.81
G226191		1.79	5.45	3.5	0.49	>10000	<10	20	<0.5	24	1.88	<0.5	5	3	36	7.05
G226192		4.74	0.126	1.5	0.96	472	<10	120	1.6	3	6.45	1.5	13	53	122	2.33
G226193		4.17	0.088	2.8	0.52	744	<10	260	1.2	6	10.70	1.0	7	75	55	3.20
G226194		4.57	0.103	2.6	0.55	448	<10	40	1.3	<2	8.74	2.2	11	30	465	2.65
G226195		5.36	0.053	0.8	0.45	254	<10	60	0.9	<2	9.02	3.0	19	122	148	3.51

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 18-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09080981

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226173		<10	1	0.31	20	0.52	98	8	0.05	3	120	4	0.81	<2	2	19
G226174		<10	<1	0.27	30	0.47	98	22	0.07	5	160	5	0.74	<2	1	20
G226175		10	<1	0.43	<10	1.60	282	11	0.30	6	350	2	2.33	<2	10	113
G226176		<10	<1	0.24	10	0.73	138	5	0.05	3	230	3	1.36	<2	5	32
G226177		<10	<1	0.16	10	0.57	94	11	0.05	1	200	4	1.71	<2	5	47
G226178		<10	<1	0.17	10	0.54	89	8	0.05	<1	200	3	1.59	<2	5	39
G226179		<10	<1	0.44	20	0.51	272	203	0.03	11	510	112	1.53	24	4	35
G226180		<10	<1	0.13	<10	11.15	216	<1	0.02	3	230	4	<0.01	<2	1	50
G226181		10	<1	0.27	10	0.70	122	9	0.08	1	200	5	1.38	<2	6	46
G226182		<10	<1	0.23	10	0.64	146	6	0.04	4	230	8	1.64	<2	4	50
G226183		<10	<1	0.17	10	0.44	91	5	0.05	1	160	5	1.15	<2	5	50
G226184		<10	<1	0.28	10	0.40	112	8	0.05	2	150	6	1.54	4	3	62
G226185		<10	<1	0.20	<10	0.38	72	4	0.03	1	130	7	0.85	2	3	74
G226186		<10	<1	0.23	<10	0.54	108	24	0.02	2	160	9	0.99	4	4	83
G226187		<10	<1	0.26	<10	0.72	151	11	0.03	8	170	6	1.56	4	5	97
G226188		<10	<1	0.22	10	0.51	118	18	0.06	1	170	5	0.76	3	5	57
G226189		<10	<1	0.23	<10	0.28	74	47	0.04	<1	130	4	1.73	2	2	44
G226190		<10	<1	0.25	<10	0.58	97	23	0.02	3	140	7	1.13	5	3	51
G226191		<10	<1	0.29	<10	0.60	119	18	0.02	2	140	32	4.80	26	1	96
G226192		<10	<1	0.30	10	2.08	433	14	0.03	53	580	35	0.97	36	10	185
G226193		<10	<1	0.18	10	4.97	1065	6	0.03	33	490	25	0.57	28	8	221
G226194		<10	<1	0.20	10	4.05	683	21	0.03	59	520	51	0.77	117	9	153
G226195		<10	<1	0.17	10	4.11	919	5	0.02	125	700	63	0.73	34	8	135

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EDMONTON AB T5S 1K7

Finalized Date: 18-AUG-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09080981

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226173		<10	30	0.01	<10	<10	10	<10	15
G226174		<10	20	0.01	<10	<10	9	<10	15
G226175		<10	<20	0.16	<10	<10	114	<10	62
G226176		<10	<20	0.01	<10	<10	22	<10	78
G226177		<10	<20	0.01	<10	<10	8	<10	17
G226178		<10	<20	0.01	<10	<10	8	<10	16
G226179		<10	<20	0.03	<10	<10	36	10	157
G226180		<10	<20	0.01	<10	<10	4	<10	15
G226181		<10	<20	0.01	<10	<10	8	<10	20
G226182		<10	<20	<0.01	<10	<10	14	<10	47
G226183		<10	<20	<0.01	<10	<10	5	<10	34
G226184		<10	<20	<0.01	<10	<10	4	<10	67
G226185		<10	<20	<0.01	<10	<10	2	<10	19
G226186		<10	<20	<0.01	<10	<10	2	<10	85
G226187		<10	<20	<0.01	<10	<10	5	<10	45
G226188		<10	<20	<0.01	<10	<10	5	<10	23
G226189		<10	<20	<0.01	<10	<10	2	<10	18
G226190		<10	<20	<0.01	<10	<10	2	<10	25
G226191		10	<20	<0.01	<10	<10	2	<10	13
G226192		<10	<20	<0.01	<10	<10	36	<10	138
G226193		<10	<20	<0.01	<10	<10	42	20	105
G226194		<10	<20	<0.01	<10	<10	32	<10	231
G226195		<10	<20	<0.01	<10	<10	42	<10	278

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Finalized Date: 9-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TR09088306

Project: Sonora

P.O. No.:

This report is for 70 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09088306

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G227565		1.95	0.034	0.9	0.38	427	<10	30	0.5	<2	1.10	<0.5	7	6	167	1.50
G227566		2.22	0.014	0.4	0.35	38	10	30	<0.5	<2	0.99	<0.5	6	3	132	1.51
G227567		4.47	0.073	1.5	0.51	889	<10	30	0.6	<2	2.40	2.3	10	6	205	2.35
G227568		1.82	0.341	2.6	0.28	6210	<10	70	0.6	4	8.80	7.8	9	7	35	3.31
G227569		1.01	0.048	1.1	0.36	296	<10	30	<0.5	3	1.75	0.5	2	2	32	1.47
G227570		0.89	0.046	1.1	0.36	167	<10	20	<0.5	3	1.66	0.6	2	3	33	1.50
G227571		0.13	7.71	14.6	1.49	54	<10	10	<0.5	<2	3.21	4.1	33	28	>10000	7.06
G227572		0.29	<0.005	<0.2	0.26	<2	<10	30	<0.5	<2	18.8	<0.5	<1	10	19	0.52
G227573		4.10	0.027	0.4	0.33	45	<10	30	<0.5	<2	1.01	<0.5	3	2	42	1.39
G227574		6.40	0.017	0.3	0.32	38	<10	30	<0.5	<2	1.42	<0.5	3	4	43	1.17
G227575		4.18	0.007	<0.2	0.35	5	<10	30	<0.5	<2	1.14	<0.5	3	4	23	1.27
G227576		3.74	<0.005	<0.2	0.36	14	<10	40	<0.5	<2	1.05	<0.5	4	9	38	1.47
G227577		2.29	0.006	0.5	3.13	70	<10	80	1.5	<2	4.18	<0.5	27	329	153	4.18
G227578		4.97	0.009	<0.2	0.36	11	<10	30	<0.5	<2	1.34	<0.5	3	9	60	1.60
G227579		3.42	<0.005	<0.2	0.37	21	<10	40	<0.5	<2	2.47	<0.5	4	5	55	1.56
G227580		3.34	0.048	0.3	2.94	18	<10	140	0.7	<2	3.55	<0.5	22	210	107	3.30
G227581		4.82	0.006	0.2	0.34	26	<10	40	<0.5	<2	1.61	<0.5	3	4	36	1.07
G227582		3.77	0.017	0.5	0.32	65	<10	30	<0.5	<2	2.11	<0.5	5	4	93	1.61
G227583		2.44	0.018	1.7	0.32	120	<10	30	<0.5	2	1.58	0.6	12	4	319	2.31
G227584		2.95	0.013	0.5	0.36	60	<10	30	0.5	<2	2.12	<0.5	3	4	100	2.01
G227585		1.51	0.015	0.5	0.33	139	<10	30	<0.5	2	1.09	<0.5	8	4	102	1.80
G227586		4.32	0.009	0.2	0.37	51	<10	20	<0.5	<2	0.77	<0.5	4	3	58	1.38
G227587		3.60	1.315	62.2	0.27	1220	<10	10	0.5	709	4.58	4.9	263	6	1040	20.8
G227588		5.98	0.032	0.4	1.48	27	<10	100	0.6	<2	2.45	<0.5	13	53	99	2.30
G227589		5.31	0.009	0.3	1.35	5	<10	50	0.6	<2	2.40	<0.5	7	37	89	2.03
G227590		3.11	0.007	0.4	1.01	13	<10	50	0.5	<2	3.35	0.6	8	34	119	2.13
G227591		3.46	0.038	0.7	1.64	72	<10	90	0.6	<2	2.77	1.2	11	60	132	3.18
G227592		5.40	0.005	<0.2	0.45	15	<10	40	0.5	<2	1.51	<0.5	3	7	38	1.38
G227593		6.32	0.081	5.5	0.32	281	<10	30	<0.5	28	1.45	0.8	9	2	238	3.88
G227594		5.69	0.015	1.1	0.40	44	<10	40	<0.5	5	1.48	<0.5	3	4	75	1.82
G227595		2.19	0.007	0.2	1.24	11	<10	50	1.0	<2	2.06	<0.5	7	8	68	1.95
G227596		5.50	0.007	0.3	0.35	18	<10	30	<0.5	<2	1.65	<0.5	3	5	55	1.33
G227597		5.77	0.195	0.4	0.32	3	<10	40	<0.5	<2	1.23	<0.5	2	4	42	1.46
G227598		3.09	0.045	1.2	0.54	53	<10	20	0.7	10	2.03	<0.5	9	23	113	2.14
G227599		5.21	0.083	2.0	1.06	61	<10	30	1.1	16	4.37	<0.5	13	18	142	2.69
G227600		2.44	0.107	1.1	0.59	81	<10	20	0.8	2	3.89	<0.5	12	16	166	2.89
G227601		5.56	0.162	4.4	1.25	715	<10	40	1.0	31	3.33	0.8	12	24	144	3.36
G227602		2.42	0.065	1.4	0.94	131	<10	30	0.9	4	2.61	<0.5	30	21	227	3.38
G227603		5.82	0.156	1.0	1.01	152	<10	30	1.1	3	2.82	<0.5	38	30	289	4.30
G227604		4.29	0.307	4.7	0.58	289	<10	10	0.9	<2	5.89	0.9	31	142	630	4.12

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 9-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09088306

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G227565		<10	<1	0.19	20	0.41	111	9	0.01	9	150	10	0.92	<2	2	30
G227566		<10	<1	0.20	10	0.38	112	1	<0.01	3	120	8	1.03	2	1	31
G227567		<10	<1	0.19	10	0.69	191	5	<0.01	9	270	45	1.75	8	4	59
G227568		<10	<1	0.15	<10	4.30	832	3	0.01	4	70	140	1.15	34	1	103
G227569		<10	<1	0.22	10	0.78	156	1	<0.01	1	60	22	0.99	7	<1	28
G227570		<10	1	0.23	10	0.75	168	3	<0.01	1	60	23	1.04	10	<1	25
G227571		<10	1	0.20	<10	1.07	597	384	0.08	45	980	78	5.46	38	8	95
G227572		<10	<1	0.14	<10	11.35	230	<1	<0.01	11	240	4	<0.01	<2	1	50
G227573		<10	<1	0.24	20	0.32	97	4	<0.01	1	50	6	1.03	3	<1	30
G227574		<10	<1	0.23	20	0.15	108	3	<0.01	1	70	6	0.83	3	<1	32
G227575		<10	<1	0.23	20	0.18	100	1	0.01	1	80	6	0.72	2	<1	29
G227576		<10	1	0.22	30	0.32	109	1	0.02	6	80	6	0.89	2	<1	33
G227577		10	<1	0.92	10	2.85	452	1	0.16	202	1090	5	1.49	10	14	151
G227578		<10	1	0.25	20	0.30	125	<1	<0.01	5	80	4	1.05	2	<1	32
G227579		<10	<1	0.24	20	0.57	207	<1	<0.01	6	100	4	0.91	<2	1	60
G227580		10	<1	0.65	10	2.10	374	<1	0.14	100	670	3	1.12	3	8	93
G227581		<10	<1	0.25	20	0.22	164	1	<0.01	2	90	4	0.63	2	<1	31
G227582		<10	<1	0.26	10	0.19	206	1	<0.01	2	80	6	1.36	2	<1	34
G227583		<10	1	0.22	20	0.33	193	2	<0.01	5	100	6	1.80	4	<1	34
G227584		<10	<1	0.24	20	0.71	209	2	<0.01	2	90	7	1.37	<2	1	44
G227585		<10	<1	0.22	20	0.37	135	1	<0.01	2	80	7	1.36	3	<1	24
G227586		<10	1	0.23	20	0.27	100	1	<0.01	1	70	6	0.86	2	<1	21
G227587		<10	1	0.17	<10	1.43	401	4	<0.01	31	150	220	>10.0	57	1	169
G227588		<10	<1	0.30	10	1.22	273	<1	0.10	26	700	4	0.75	2	8	115
G227589		<10	1	0.23	20	1.17	267	<1	0.07	18	700	5	0.68	2	7	111
G227590		<10	<1	0.19	10	1.25	377	<1	0.06	20	690	6	0.74	<2	8	138
G227591		<10	<1	0.39	10	1.33	345	<1	0.10	29	700	9	1.76	4	8	113
G227592		<10	<1	0.26	30	0.28	113	2	<0.01	3	170	5	0.80	2	1	40
G227593		<10	<1	0.23	10	0.29	185	4	<0.01	3	140	45	3.96	5	1	40
G227594		<10	1	0.26	20	0.21	138	2	<0.01	1	100	14	1.40	3	1	28
G227595		<10	1	0.27	30	0.49	181	1	0.10	6	260	6	0.99	<2	4	58
G227596		<10	<1	0.21	20	0.22	266	1	0.01	1	60	5	0.88	<2	<1	36
G227597		<10	<1	0.21	30	0.30	117	<1	<0.01	1	90	13	0.90	<2	1	29
G227598		<10	<1	0.13	40	0.54	207	1	0.01	11	350	18	1.00	3	8	60
G227599		<10	1	0.22	20	1.14	344	1	<0.01	16	290	21	1.17	3	15	117
G227600		<10	<1	0.22	30	1.11	357	1	<0.01	24	660	10	1.29	3	8	103
G227601		<10	<1	0.29	20	1.42	298	1	0.02	14	400	48	1.87	8	8	101
G227602		<10	<1	0.30	20	0.92	233	1	0.02	22	340	16	1.79	4	6	69
G227603		<10	<1	0.34	30	1.26	342	2	0.02	32	440	9	1.97	7	6	81
G227604		<10	1	0.13	20	2.31	519	6	0.02	184	580	6	1.49	5	12	183

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 9-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09088306

Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001
G227565		<10	20	<0.01	<10	<10	4	<10	35	
G227566		<10	20	<0.01	<10	<10	1	<10	20	
G227567		<10	<20	<0.01	<10	20	7	<10	128	
G227568		<10	<20	<0.01	<10	<10	4	<10	475	
G227569		<10	20	<0.01	<10	<10	<1	<10	34	
G227570		<10	20	<0.01	<10	<10	<1	<10	33	
G227571		<10	<20	0.05	<10	<10	81	<10	136	3.32
G227572		<10	<20	0.01	<10	<10	5	<10	23	
G227573		<10	20	<0.01	<10	<10	<1	<10	19	
G227574		<10	20	<0.01	<10	<10	<1	<10	10	
G227575		<10	20	<0.01	<10	<10	<1	<10	21	
G227576		<10	20	<0.01	<10	<10	1	<10	12	
G227577		<10	<20	0.16	<10	<10	92	<10	51	
G227578		<10	20	<0.01	<10	<10	1	<10	9	
G227579		<10	20	<0.01	<10	<10	2	<10	9	
G227580		<10	<20	0.16	<10	<10	83	<10	31	
G227581		<10	20	<0.01	<10	<10	1	<10	6	
G227582		<10	20	<0.01	<10	<10	<1	<10	15	
G227583		<10	20	<0.01	<10	<10	1	<10	33	
G227584		<10	20	<0.01	<10	<10	2	<10	11	
G227585		<10	20	<0.01	<10	<10	<1	<10	10	
G227586		<10	20	<0.01	<10	<10	<1	<10	15	
G227587		50	<20	<0.01	<10	20	6	10	209	
G227588		<10	<20	0.05	<10	<10	49	<10	34	
G227589		<10	<20	0.02	<10	<10	44	<10	36	
G227590		<10	<20	0.02	<10	<10	40	<10	53	
G227591		<10	<20	0.06	<10	<10	55	<10	78	
G227592		<10	20	<0.01	<10	<10	3	<10	10	
G227593		<10	20	<0.01	<10	<10	1	<10	40	
G227594		<10	20	<0.01	<10	<10	<1	<10	15	
G227595		<10	20	0.02	<10	<10	17	<10	23	
G227596		<10	30	<0.01	<10	<10	1	<10	11	
G227597		<10	20	<0.01	<10	<10	1	<10	30	
G227598		<10	20	<0.01	<10	<10	19	<10	29	
G227599		<10	<20	<0.01	<10	10	49	<10	48	
G227600		<10	<20	<0.01	<10	<10	23	<10	42	
G227601		<10	<20	<0.01	<10	<10	25	<10	60	
G227602		<10	<20	0.01	<10	<10	20	<10	29	
G227603		<10	<20	0.01	<10	<10	27	<10	30	
G227604		<10	<20	<0.01	<10	<10	42	<10	91	

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Finalized Date: 9-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09088306

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G227605		4.96	0.009	0.2	0.82	380	<10	30	1.0	<2	6.49	<0.5	53	853	63	3.63
G227606		3.31	0.008	0.4	0.79	376	<10	40	1.0	<2	8.23	<0.5	51	906	48	3.63
G227607		0.14	0.335	3.0	1.89	64	<10	90	<0.5	<2	0.73	1.6	13	95	3160	4.15
G227608		0.82	<0.005	<0.2	0.25	3	<10	30	<0.5	<2	17.8	<0.5	1	13	40	0.50
G227609		5.76	0.005	<0.2	2.29	157	<10	220	0.9	<2	6.33	<0.5	47	970	65	4.31
G227610		5.19	0.042	<0.2	3.92	35	<10	240	0.9	<2	2.00	<0.5	31	856	24	4.31
G227611		5.87	<0.005	<0.2	3.51	29	<10	170	0.7	<2	1.65	<0.5	48	1295	134	5.45
G227612		5.86	0.103	5.0	1.42	186	<10	40	0.7	5	4.98	31.3	21	66	116	4.84
G227613		3.62	0.012	0.2	1.38	29	<10	40	0.7	<2	3.65	<0.5	15	47	63	3.15
G227614		3.96	0.010	<0.2	1.66	14	<10	40	0.5	<2	2.39	<0.5	16	70	59	3.17
G227615		5.68	0.011	<0.2	2.05	58	10	130	<0.5	<2	2.89	<0.5	47	909	16	3.62
G227616		2.60	0.024	<0.2	3.02	3	<10	140	0.5	<2	0.74	<0.5	20	86	31	3.93
G227617		5.36	0.028	0.2	1.78	272	<10	40	0.5	<2	3.44	<0.5	42	925	45	3.44
G227618		3.36	0.008	0.3	0.18	135	50	<10	<0.5	<2	1.34	<0.5	71	1020	3	3.49
G227619		5.44	<0.005	0.5	0.16	11	40	<10	<0.5	<2	0.24	0.7	81	1045	<1	3.06
G227620		5.44	<0.005	0.5	0.13	21	30	30	<0.5	<2	0.33	1.2	90	1175	3	3.27
G227621		4.41	<0.005	<0.2	0.98	30	<10	30	<0.5	<2	1.37	<0.5	7	21	86	2.11
G227622		5.48	0.030	<0.2	1.26	61	<10	20	<0.5	<2	1.43	<0.5	9	12	68	2.41
G227623		5.87	0.043	0.2	1.29	252	<10	20	<0.5	<2	0.91	<0.5	5	15	74	2.45
G227624		6.37	0.009	<0.2	3.54	11	<10	30	0.9	<2	2.35	<0.5	12	12	124	3.25
G227625		3.29	0.012	0.8	2.11	57	<10	30	1.0	<2	2.52	<0.5	10	35	195	2.69
G227626		3.33	0.009	0.4	2.32	15	<10	20	0.9	<2	2.49	<0.5	8	37	141	2.24
G227627		3.20	0.009	0.2	2.43	8	<10	50	<0.5	<2	1.80	<0.5	14	7	88	3.11
G227628		3.71	0.016	1.1	2.54	22	<10	30	0.5	6	3.10	<0.5	13	20	158	2.64
G227629		6.72	0.014	0.2	2.89	10	<10	40	0.6	<2	2.38	<0.5	12	42	53	2.11
G227630		5.67	0.009	<0.2	2.29	11	<10	20	0.7	<2	2.00	<0.5	13	27	58	2.32
G227631		5.72	0.008	<0.2	3.55	11	<10	20	1.1	<2	2.78	<0.5	16	45	62	2.48
G227632		6.77	0.011	<0.2	2.26	248	<10	20	1.0	<2	2.07	<0.5	12	17	58	2.48
G227633		2.76	0.111	0.3	1.28	119	<10	20	0.5	<2	1.56	<0.5	6	7	108	2.13
G227634		6.12	0.006	0.2	1.46	21	<10	20	<0.5	<2	1.20	<0.5	6	12	78	2.44

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 9-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09088306

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G227605		<10	<1	0.11	<10	7.10	715	<1	0.02	761	50	7	0.86	6	10	365
G227606		<10	<1	0.10	<10	7.16	741	<1	0.02	744	50	24	0.77	8	10	382
G227607		<10	<1	0.14	10	0.87	717	33	0.07	151	620	87	0.81	3	5	36
G227608		<10	<1	0.13	<10	10.75	215	<1	0.02	6	240	3	<0.01	<2	1	48
G227609		<10	<1	0.77	10	7.39	785	<1	0.02	474	90	4	0.75	<2	15	209
G227610		10	<1	1.74	20	6.19	553	<1	0.04	275	550	2	0.17	<2	11	58
G227611		<10	<1	1.91	10	6.12	467	<1	0.03	421	170	6	1.30	<2	11	46
G227612		<10	<1	0.33	20	2.70	520	<1	0.04	51	460	1550	2.90	3	7	132
G227613		<10	<1	0.27	20	2.01	411	<1	0.04	35	480	9	0.92	<2	8	108
G227614		<10	<1	0.55	20	2.26	334	1	0.05	58	710	6	0.79	<2	8	89
G227615		<10	<1	0.76	<10	8.19	608	<1	0.03	505	120	3	0.20	<2	9	110
G227616		10	<1	1.08	20	3.36	301	<1	0.12	76	540	5	0.24	<2	9	53
G227617		<10	<1	0.36	10	8.85	613	1	0.03	499	280	5	0.29	7	7	208
G227618		<10	<1	0.01	<10	17.95	781	<1	0.01	966	10	20	0.09	<2	4	80
G227619		<10	<1	<0.01	10	20.9	746	<1	0.01	1290	<10	29	0.08	<2	4	27
G227620		<10	<1	<0.01	10	20.5	823	<1	0.01	1615	10	43	0.12	<2	4	19
G227621		<10	<1	0.12	<10	0.55	100	8	0.08	16	220	4	1.21	<2	6	20
G227622		<10	<1	0.12	10	0.71	153	8	0.10	5	280	5	1.22	<2	6	20
G227623		<10	<1	0.12	10	0.65	113	3	0.11	2	260	4	1.34	<2	7	24
G227624		10	1	0.24	10	0.93	191	3	0.33	5	290	5	1.31	<2	8	74
G227625		<10	<1	0.32	20	0.67	136	8	0.18	16	380	17	1.88	<2	4	50
G227626		10	<1	0.14	20	0.80	180	6	0.23	15	380	6	1.09	<2	3	70
G227627		10	<1	0.31	<10	0.92	230	3	0.20	1	300	4	1.19	<2	9	58
G227628		<10	1	0.23	10	0.71	179	86	0.17	7	220	13	1.43	<2	7	64
G227629		<10	<1	0.21	10	0.81	212	3	0.23	13	180	5	1.00	<2	7	124
G227630		<10	<1	0.16	10	0.72	184	2	0.18	12	270	4	1.17	<2	6	88
G227631		10	1	0.18	10	0.79	186	4	0.27	15	260	5	1.39	<2	6	195
G227632		10	<1	0.15	10	0.61	155	1	0.21	9	290	5	1.80	2	4	98
G227633		<10	<1	0.18	<10	0.49	114	2	0.11	1	220	4	1.26	<2	4	31
G227634		<10	<1	0.15	10	0.63	103	6	0.13	3	230	5	1.44	<2	6	40

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Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001
G227605		<10	<20	<0.01	<10	<10	29	<10	34	
G227606		<10	<20	<0.01	<10	<10	28	<10	29	
G227607		<10	<20	0.11	<10	<10	56	10	320	
G227608		<10	<20	0.01	<10	<10	4	<10	17	
G227609		<10	<20	0.05	<10	<10	48	<10	50	
G227610		<10	<20	0.15	<10	<10	85	<10	50	
G227611		<10	<20	0.16	<10	<10	73	<10	47	
G227612		<10	<20	0.03	<10	<10	38	<10	1930	
G227613		<10	<20	0.01	<10	<10	42	<10	50	
G227614		<10	<20	0.06	<10	<10	63	<10	36	
G227615		<10	<20	0.08	<10	<10	64	<10	35	
G227616		<10	<20	0.15	<10	<10	83	<10	37	
G227617		<10	<20	0.04	<10	<10	44	<10	32	
G227618		<10	<20	<0.01	<10	<10	11	<10	44	
G227619		<10	<20	0.01	<10	<10	9	<10	63	
G227620		<10	<20	<0.01	<10	<10	11	<10	91	
G227621		<10	<20	0.04	<10	<10	16	<10	14	
G227622		<10	<20	0.06	<10	<10	20	<10	21	
G227623		<10	<20	0.07	<10	<10	18	<10	18	
G227624		<10	<20	0.14	<10	<10	70	<10	28	
G227625		<10	<20	0.04	<10	<10	21	<10	25	
G227626		<10	<20	0.09	<10	<10	20	<10	24	
G227627		<10	<20	0.11	<10	<10	56	<10	29	
G227628		<10	<20	0.04	<10	<10	45	<10	28	
G227629		<10	<20	0.08	<10	<10	46	<10	21	
G227630		<10	<20	0.12	<10	<10	50	<10	22	
G227631		<10	<20	0.10	<10	<10	44	<10	20	
G227632		<10	<20	0.06	<10	<10	28	<10	20	
G227633		<10	<20	0.02	<10	<10	13	<10	22	
G227634		<10	<20	0.05	<10	<10	13	<10	20	

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 11-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TR09092330

Project: Sonora

P.O. No.:

This report is for 56 Drill Core samples submitted to our lab in Terrace, BC, Canada on 31-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TR09092330

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G227936		5.61	0.008	0.2	1.80	25	<10	40	0.9	2	10.30	<0.5	16	160	93	2.43
G227937		6.30	0.010	<0.2	1.80	21	<10	100	0.8	<2	1.97	<0.5	13	153	41	2.57
G227938		5.50	0.007	<0.2	1.74	7	<10	80	0.7	<2	6.60	<0.5	15	73	89	3.10
G227939		5.66	<0.005	0.4	1.22	10	<10	10	0.8	<2	16.2	<0.5	9	18	48	1.78
G227940		5.02	0.079	1.2	2.12	20	<10	110	0.9	<2	5.60	<0.5	12	56	32	2.29
G227941		5.02	0.034	<0.2	2.57	15	<10	80	0.7	<2	1.67	<0.5	14	85	49	3.09
G227942		6.10	0.013	<0.2	2.33	11	<10	90	0.8	<2	4.18	<0.5	15	255	53	2.94
G227943		3.17	0.020	<0.2	2.65	7	<10	50	0.8	2	1.61	<0.5	29	102	131	4.17
G227944		6.69	<0.005	<0.2	1.34	6	<10	30	0.5	<2	11.50	<0.5	6	64	34	1.69
G227945		5.66	0.012	<0.2	1.96	23	<10	50	0.7	<2	3.52	<0.5	15	122	40	2.54
G227946		6.39	0.012	<0.2	1.46	9	<10	40	0.8	<2	5.42	<0.5	11	59	43	2.04
G227947		3.19	0.006	<0.2	1.49	55	<10	40	0.9	<2	2.54	<0.5	16	52	47	2.08
G227948		5.23	<0.005	<0.2	1.10	66	<10	40	0.7	<2	2.06	<0.5	12	28	37	1.51
G227949		4.71	0.008	<0.2	1.01	25	<10	20	0.7	<2	2.75	<0.5	10	25	39	1.98
G227950		4.15	<0.005	<0.2	0.48	31	<10	30	<0.5	<2	1.46	<0.5	6	14	18	0.70
G227951		5.71	0.009	<0.2	1.93	10	<10	60	0.7	<2	3.10	<0.5	16	61	29	2.25
G227952		2.25	0.015	<0.2	3.37	5	<10	290	1.0	<2	3.02	<0.5	17	29	30	3.52
G227953		5.09	<0.005	<0.2	1.50	22	<10	30	0.9	2	3.85	<0.5	40	53	120	3.36
G227954		2.36	<0.005	<0.2	1.42	97	<10	40	1.1	<2	3.09	<0.5	25	43	62	2.29
G227955		2.27	<0.005	0.6	0.75	324	<10	90	0.5	<2	3.51	<0.5	17	7	52	1.95
G227956		3.40	<0.005	1.3	1.20	311	<10	40	0.9	<2	5.93	<0.5	19	167	38	2.60
G227957		6.90	<0.005	<0.2	1.93	9	<10	100	0.8	<2	5.24	<0.5	16	580	57	2.79
G227958		5.38	<0.005	<0.2	1.56	10	<10	40	0.6	<2	3.99	<0.5	16	88	39	2.36
G227959		5.57	<0.005	<0.2	2.66	6	<10	60	1.1	<2	6.22	<0.5	21	617	47	3.81
G227960		5.36	0.007	0.8	2.39	26	<10	60	0.9	<2	3.68	<0.5	24	693	59	3.48
G227961		3.08	<0.005	0.7	2.02	44	<10	50	1.0	<2	4.41	<0.5	25	574	38	3.42
G227962		7.32	0.388	6.0	0.58	190	<10	10	0.5	118	1.24	4.6	86	16	1860	24.7
G227963		3.25	2.33	8.0	0.57	97	<10	10	0.6	211	2.49	2.2	25	17	1630	21.7
G227964		4.03	0.010	2.5	0.48	181	<10	10	0.6	58	1.47	<0.5	24	9	1580	25.5
G227965		3.35	<0.005	<0.2	0.64	47	<10	80	1.0	<2	6.21	<0.5	23	35	86	4.88
G227966		4.39	<0.005	0.3	2.19	8	<10	130	0.7	<2	2.61	<0.5	19	77	70	4.92
G227967		2.87	<0.005	<0.2	0.42	7	<10	110	0.5	<2	1.53	<0.5	4	6	29	2.12
G227968		3.04	<0.005	<0.2	0.48	9	<10	70	0.5	2	1.52	<0.5	5	11	30	2.16
G227969		0.13	7.45	13.3	1.41	55	<10	20	<0.5	7	3.19	4.3	34	27	>10000	7.18
G227970		0.15	<0.005	<0.2	0.20	2	<10	30	<0.5	<2	18.2	<0.5	3	8	54	0.50
G227971		5.55	0.010	<0.2	0.97	8	<10	160	0.6	<2	1.75	<0.5	7	16	45	2.57
G227972		7.02	0.005	0.2	1.95	9	<10	180	0.8	<2	3.84	<0.5	23	66	59	4.52
G227973		2.36	0.007	0.2	1.27	71	<10	110	1.4	18	3.32	<0.5	11	60	128	4.48
G227974		5.71	0.018	0.7	0.57	150	<10	90	0.5	11	1.88	<0.5	9	8	58	3.18
G227975		7.78	0.105	8.2	0.39	235	<10	10	<0.5	284	1.43	0.8	36	30	1090	18.9

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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G227936		10	<1	0.41	10	1.22	344	1	0.12	78	450	4	0.87	2	6	247
G227937		10	<1	0.75	40	1.55	239	1	0.06	97	260	3	0.71	3	5	69
G227938		10	<1	0.38	20	1.15	343	1	0.06	58	430	3	1.13	3	5	147
G227939		<10	<1	0.09	20	0.87	501	1	0.05	17	630	3	0.28	<2	5	388
G227940		10	<1	0.52	20	1.11	356	1	0.11	34	520	4	0.22	3	6	186
G227941		10	<1	1.03	30	1.58	212	1	0.11	43	410	3	0.44	3	8	94
G227942		10	<1	0.68	20	1.63	305	1	0.11	127	500	5	0.61	<2	5	265
G227943		10	<1	0.80	30	1.77	200	<1	0.12	63	180	4	1.84	2	10	76
G227944		10	<1	0.25	10	1.26	285	1	0.09	33	540	5	0.32	<2	4	277
G227945		10	<1	0.60	30	1.30	186	1	0.11	82	340	3	0.72	<2	4	111
G227946		10	<1	0.17	10	1.11	269	1	0.09	38	580	4	0.44	2	5	188
G227947		10	<1	0.32	20	1.13	179	1	0.08	34	430	5	0.66	4	4	83
G227948		10	<1	0.21	30	0.91	149	1	0.06	11	500	4	0.54	7	3	48
G227949		10	<1	0.11	30	0.79	192	1	0.04	16	570	4	0.67	4	3	62
G227950		<10	<1	0.11	10	0.40	103	1	<0.01	5	160	2	0.18	4	1	49
G227951		10	<1	0.31	20	1.75	244	1	0.15	23	770	4	0.49	<2	6	129
G227952		10	<1	0.89	40	2.48	280	1	0.24	10	1620	4	0.54	2	6	190
G227953		10	<1	0.18	20	1.52	262	1	0.04	34	810	4	1.90	2	6	106
G227954		10	<1	0.21	30	1.14	212	1	0.05	17	820	5	1.12	5	5	84
G227955		<10	<1	0.14	40	0.67	186	1	0.04	5	400	5	1.12	22	2	134
G227956		10	<1	0.34	20	1.21	388	1	0.04	64	380	4	1.08	22	5	203
G227957		10	<1	0.51	20	2.24	365	1	0.09	80	590	2	0.89	<2	6	234
G227958		10	<1	0.29	20	1.77	285	1	0.10	33	810	<2	0.71	2	8	154
G227959		10	1	0.78	10	3.58	506	1	0.08	205	570	2	0.71	<2	9	240
G227960		10	<1	0.77	30	2.89	338	1	0.05	165	660	2	0.99	<2	7	271
G227961		10	<1	0.63	20	2.85	390	1	0.04	184	440	<2	0.67	12	7	234
G227962		10	1	0.15	10	0.74	214	<1	0.01	16	310	43	>10.0	21	3	49
G227963		<10	1	0.16	10	1.24	349	<1	0.01	22	420	116	>10.0	16	5	76
G227964		<10	<1	0.20	<10	1.01	270	<1	0.01	35	280	31	>10.0	35	4	107
G227965		<10	<1	0.29	10	2.60	610	1	0.02	36	760	7	1.08	4	13	417
G227966		10	<1	1.35	30	2.22	377	1	0.04	54	740	4	1.53	<2	10	134
G227967		<10	<1	0.22	40	0.59	163	<1	0.03	2	410	4	0.67	<2	2	63
G227968		<10	<1	0.24	50	0.60	168	1	0.03	1	440	4	0.65	2	3	60
G227969		10	1	0.21	<10	1.06	584	382	0.09	42	950	70	5.63	43	7	93
G227970		<10	<1	0.12	<10	10.90	220	1	0.01	1	230	<2	<0.01	<2	<1	48
G227971		<10	<1	0.46	50	0.84	218	1	0.08	7	540	4	0.78	3	3	72
G227972		10	<1	0.87	20	1.84	493	1	0.06	46	830	3	1.27	<2	9	144
G227973		<10	1	0.39	50	1.39	421	<1	0.02	50	450	14	1.47	4	8	138
G227974		<10	<1	0.29	30	0.66	157	1	0.01	7	170	15	2.12	4	1	62
G227975		<10	<1	0.25	10	0.83	222	<1	0.01	47	310	79	>10.0	17	5	54

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CERTIFICATE OF ANALYSIS TR09092330

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	20	0.01	10	10	1	10	2	0.001
G227936		<10	<20	0.12	<10	<10	39	<10	34	
G227937		<10	20	0.06	<10	<10	39	<10	30	
G227938		<10	<20	0.11	<10	<10	36	<10	27	
G227939		<10	<20	0.02	<10	<10	30	<10	32	
G227940		<10	<20	0.09	<10	<10	45	<10	33	
G227941		<10	<20	0.09	<10	<10	57	<10	28	
G227942		<10	<20	0.06	<10	<10	40	<10	35	
G227943		<10	20	0.06	<10	<10	83	<10	27	
G227944		<10	<20	0.13	<10	<10	29	<10	27	
G227945		<10	20	0.06	<10	<10	35	<10	21	
G227946		<10	<20	0.17	<10	<10	49	<10	30	
G227947		<10	<20	0.08	<10	<10	39	<10	28	
G227948		<10	20	0.01	<10	<10	26	<10	26	
G227949		<10	20	0.01	<10	<10	26	<10	19	
G227950		<10	<20	<0.01	<10	<10	9	<10	8	
G227951		<10	<20	0.18	<10	<10	54	<10	29	
G227952		<10	<20	0.29	<10	<10	72	<10	41	
G227953		<10	<20	0.04	<10	<10	53	<10	29	
G227954		<10	20	0.04	<10	<10	38	<10	29	
G227955		<10	30	<0.01	<10	<10	16	<10	13	
G227956		<10	20	0.04	<10	<10	39	<10	27	
G227957		<10	<20	0.12	<10	<10	54	<10	33	
G227958		<10	<20	0.14	<10	<10	68	<10	27	
G227959		<10	<20	0.12	<10	<10	68	<10	49	
G227960		<10	<20	0.09	<10	<10	59	<10	49	
G227961		<10	<20	0.05	<10	<10	51	<10	43	
G227962		10	<20	<0.01	<10	10	10	10	241	
G227963		10	<20	<0.01	<10	<10	17	10	131	
G227964		10	<20	<0.01	10	<10	14	10	51	
G227965		<10	<20	<0.01	<10	<10	51	<10	45	
G227966		<10	<20	0.08	<10	<10	73	<10	43	
G227967		<10	20	<0.01	<10	<10	10	<10	13	
G227968		<10	20	<0.01	<10	<10	11	<10	13	
G227969		10	<20	0.04	<10	<10	80	10	136	3.31
G227970		<10	<20	0.01	<10	<10	4	<10	13	
G227971		<10	20	0.01	<10	<10	21	<10	19	
G227972		<10	<20	0.13	<10	<10	66	<10	37	
G227973		<10	30	<0.01	<10	<10	33	<10	28	
G227974		<10	20	<0.01	<10	<10	4	<10	13	
G227975		10	<20	<0.01	<10	<10	16	<10	30	

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G227976		5.82	0.006	2.5	0.75	182	<10	20	0.7	27	3.39	<0.5	15	14	982	17.4
G227977		5.42	0.007	0.6	1.16	32	<10	50	0.7	9	2.73	<0.5	10	30	499	11.30
G227978		4.16	0.006	1.7	0.82	27	<10	20	<0.5	121	0.88	<0.5	14	32	1760	27.9
G227979		3.69	<0.005	2.0	0.86	136	<10	30	0.8	21	2.12	<0.5	16	17	775	15.0
G227980		5.13	<0.005	<0.2	1.79	8	<10	120	0.7	<2	3.40	<0.5	16	169	44	3.23
G227981		5.71	<0.005	<0.2	0.65	40	10	230	0.8	<2	3.25	<0.5	8	38	87	2.82
G227982		5.86	<0.005	0.2	0.70	28	10	190	0.8	3	2.51	<0.5	6	5	62	2.28
G227983		5.42	0.005	<0.2	0.55	88	10	80	0.9	4	2.19	<0.5	5	6	54	2.18
G227984		5.77	0.013	<0.2	0.68	56	10	80	0.9	<2	2.62	<0.5	8	39	78	2.70
G227985		2.04	0.005	<0.2	0.50	500	10	50	0.6	2	4.43	0.7	3	5	46	2.73
G227986		5.88	0.044	<0.2	1.97	27	<10	260	1.2	<2	2.81	<0.5	12	41	28	3.25
G227987		5.45	<0.005	<0.2	2.41	36	<10	250	0.8	<2	3.01	<0.5	16	61	41	3.49
G227988		3.74	0.005	<0.2	2.87	25	<10	250	1.1	<2	2.81	<0.5	14	48	48	3.71
G227989		3.87	0.014	<0.2	1.23	51	20	70	1.2	<2	4.68	<0.5	21	4	98	4.84
G227990		3.84	0.013	<0.2	2.03	35	10	290	1.7	2	2.23	<0.5	15	3	30	4.28
G227991		5.25	0.011	<0.2	0.99	266	20	40	1.4	<2	5.17	0.5	14	3	48	3.94

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Project: Sonora

CERTIFICATE OF ANALYSIS TR09092330

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G227976		<10	<1	0.29	10	1.17	349	1	0.01	19	390	14	>10.0	11	5	93
G227977		10	<1	0.64	20	1.59	344	1	0.02	25	540	8	6.16	2	7	54
G227978		10	<1	0.43	10	0.76	235	<1	0.01	18	270	6	>10.0	8	5	54
G227979		<10	<1	0.29	30	0.86	310	<1	<0.01	20	290	14	8.24	5	4	73
G227980		<10	<1	0.88	20	2.23	429	<1	0.08	58	460	3	0.49	<2	9	133
G227981		<10	<1	0.32	20	1.30	286	1	0.02	23	350	6	1.06	3	6	108
G227982		<10	<1	0.36	20	0.89	178	<1	0.02	1	350	6	1.05	3	3	125
G227983		<10	1	0.27	30	0.73	225	2	0.03	1	460	7	0.50	<2	4	87
G227984		<10	<1	0.33	30	0.88	268	2	0.04	35	540	5	1.07	2	6	129
G227985		<10	<1	0.30	20	1.20	229	1	0.02	1	310	16	1.76	8	2	108
G227986		10	<1	1.06	40	1.72	301	<1	0.03	28	720	4	0.87	<2	7	169
G227987		10	<1	1.16	10	2.16	381	<1	0.09	37	1000	3	0.97	6	9	159
G227988		10	1	1.35	20	2.17	340	<1	0.06	28	1710	3	0.73	5	8	158
G227989		<10	<1	0.36	20	1.61	323	<1	0.02	2	1300	8	2.46	5	10	124
G227990		<10	<1	0.98	40	1.38	342	<1	0.04	1	1420	6	0.89	<2	8	110
G227991		<10	<1	0.34	20	1.53	366	<1	0.02	1	1170	25	2.27	9	11	174

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EDMONTON AB T5S 1K7

Finalized Date: 11-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09092330

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	20	0.01	10	10	1	10	2	0.001
G227976		10	<20	<0.01	10	<10	17	10	27	
G227977		<10	<20	0.02	<10	<10	34	<10	35	
G227978		10	<20	0.01	10	<10	27	10	23	
G227979		<10	<20	<0.01	<10	<10	18	<10	27	
G227980		<10	<20	0.07	<10	<10	49	<10	37	
G227981		<10	<20	<0.01	<10	<10	18	<10	23	
G227982		<10	<20	<0.01	<10	<10	8	<10	14	
G227983		<10	20	<0.01	<10	<10	12	<10	20	
G227984		<10	20	<0.01	<10	<10	22	<10	37	
G227985		<10	<20	<0.01	<10	<10	6	<10	73	
G227986		<10	<20	0.06	<10	<10	47	<10	31	
G227987		<10	<20	0.12	<10	<10	66	<10	35	
G227988		<10	<20	0.13	<10	<10	76	<10	38	
G227989		<10	<20	<0.01	<10	<10	60	<10	29	
G227990		<10	<20	0.06	<10	<10	72	<10	43	
G227991		<10	<20	<0.01	<10	<10	49	<10	89	

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EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TR09096723

Project: Sonora

P.O. No.:

This report is for 52 Drill Core samples submitted to our lab in Terrace, BC, Canada on 10-SEP-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **NORTHERN TIGER RESOURCES**
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226657		5.84	<0.005	<0.2	0.43	20	<10	50	0.5	3	0.84	<0.5	2	6	19	1.62
G226658		4.41	0.009	<0.2	0.43	45	<10	40	0.5	<2	1.39	<0.5	3	4	31	1.90
G226659		5.27	<0.005	<0.2	0.48	33	<10	60	0.6	2	1.22	<0.5	2	7	24	1.49
G226660		5.01	0.009	<0.2	0.54	33	<10	50	0.7	4	1.59	<0.5	2	3	60	1.78
G226661		4.06	0.006	0.6	0.48	46	<10	40	0.6	13	1.75	<0.5	5	7	178	2.00
G226662		6.48	<0.005	<0.2	0.58	41	<10	120	0.6	<2	1.59	<0.5	3	4	15	1.54
G226663		5.96	<0.005	<0.2	0.77	39	<10	60	0.6	<2	1.01	<0.5	2	7	17	1.67
G226664		5.64	<0.005	<0.2	0.88	68	<10	40	0.8	3	1.83	<0.5	3	4	47	1.70
G226665		2.22	<0.005	0.2	0.66	38	<10	40	0.5	<2	2.71	<0.5	4	5	46	1.70
G226666		4.79	0.059	<0.2	1.55	101	<10	50	0.8	2	3.51	0.7	13	59	91	2.83
G226667		2.99	0.043	4.1	0.39	314	<10	70	<0.5	38	3.34	1.5	39	6	440	3.19
G226668		6.38	0.045	0.2	0.41	48	<10	50	<0.5	<2	1.77	2.8	5	4	49	1.66
G226669		5.80	0.138	5.8	0.56	154	<10	90	0.5	267	1.55	0.5	9	6	72	2.64
G226670		5.39	0.008	<0.2	0.55	25	<10	80	0.5	5	0.84	0.6	8	5	55	1.75
G226671		7.77	0.010	<0.2	0.50	27	<10	60	0.6	<2	1.34	<0.5	3	9	52	2.02
G226672		5.78	0.007	<0.2	0.55	24	<10	40	0.6	3	1.26	<0.5	3	5	31	1.66
G226673		5.09	0.042	<0.2	0.42	212	<10	40	0.5	2	1.30	<0.5	4	8	57	2.12
G226674		2.00	0.062	0.6	0.63	360	<10	30	1.3	4	4.84	<0.5	19	23	206	3.51
G226675		5.67	0.028	0.3	0.72	108	<10	270	0.8	2	2.15	1.8	14	7	140	2.27
G226676		5.18	0.010	<0.2	1.14	33	<10	90	0.9	2	2.64	<0.5	10	7	139	2.26
G226677		3.01	0.008	<0.2	0.97	80	<10	40	0.7	<2	2.81	<0.5	9	9	109	2.63
G226678		3.35	0.008	<0.2	1.15	80	<10	40	0.7	<2	2.77	<0.5	10	9	116	2.84
G226679		0.12	4.69	5.2	0.23	467	<10	30	<0.5	3	0.12	<0.5	11	470	50	3.75
G226680		0.08	0.021	<0.2	0.45	8	<10	60	<0.5	<2	18.0	<0.5	2	13	5	0.60
G226681		6.19	0.008	0.8	1.10	54	<10	40	0.6	5	2.38	<0.5	9	13	208	2.84
G226682		5.83	0.018	0.8	0.96	113	<10	30	0.9	23	3.17	<0.5	11	9	157	2.68
G226683		1.81	0.069	2.4	0.64	233	<10	30	0.7	24	2.68	2.0	7	8	94	2.18
G226684		3.84	0.007	<0.2	0.73	43	<10	40	0.7	<2	5.01	<0.5	4	8	43	2.29
G226685		6.62	0.007	<0.2	2.34	29	<10	70	0.8	3	2.61	<0.5	14	37	80	3.44
G226686		4.67	0.010	<0.2	2.26	16	<10	70	0.6	<2	2.12	<0.5	13	55	71	3.43
G226687		1.66	<0.005	<0.2	0.84	8	<10	50	<0.5	<2	0.99	<0.5	8	8	57	2.55
G226688		4.80	0.006	<0.2	1.30	17	<10	60	0.7	<2	1.40	<0.5	5	12	42	2.08
G226689		6.61	0.129	15.4	1.60	481	<10	100	0.6	19	1.65	52.3	9	31	662	2.89
G226690		6.04	0.006	<0.2	1.08	89	<10	60	<0.5	<2	1.40	<0.5	7	20	48	2.33
G226691		4.55	0.013	0.2	1.64	42	<10	70	0.8	4	2.19	<0.5	13	30	124	2.92
G226692		2.23	3.27	48.4	0.87	>10000	<10	30	0.6	533	2.34	73.8	74	4	1100	6.11
G226693		6.15	0.011	0.2	1.13	83	<10	50	0.5	2	1.94	<0.5	10	17	121	2.05
G226694		6.75	0.021	<0.2	2.10	70	<10	70	0.7	3	1.93	<0.5	20	44	198	3.55
G226695		5.47	0.822	<0.2	2.24	19	<10	90	0.8	4	2.27	<0.5	15	59	191	3.49
G226696		2.99	0.231	1.0	1.98	54	<10	60	0.9	8	4.44	<0.5	16	38	265	3.23

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Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method Analyte Units LOR	ME-ICP41 Ge ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G226657		<10	1	0.27	30	0.11	156	3	0.05	1	90	6	0.43	<2	<1	19
G226658		<10	1	0.30	20	0.10	136	10	0.03	1	80	4	0.93	<2	<1	29
G226659		<10	1	0.30	30	0.14	124	4	0.04	<1	80	6	0.72	2	<1	28
G226660		<10	<1	0.34	20	0.23	141	2	0.02	<1	70	5	1.06	2	<1	34
G226661		<10	<1	0.31	20	0.20	186	7	0.03	1	80	7	0.99	3	<1	30
G226662		<10	<1	0.33	30	0.12	210	43	0.04	1	110	6	0.72	3	<1	29
G226663		<10	1	0.29	40	0.23	149	2	0.06	1	110	6	0.68	5	1	15
G226664		<10	1	0.27	40	0.20	133	7	0.04	1	110	5	0.80	6	1	28
G226665		<10	1	0.31	30	0.26	221	5	0.03	2	110	7	0.76	4	1	28
G226666		<10	<1	0.34	10	0.85	452	2	0.04	17	210	8	1.13	3	6	79
G226667		<10	1	0.32	10	0.74	769	22	0.01	7	200	32	1.67	4	1	75
G226668		<10	1	0.31	20	0.24	220	2	0.01	1	90	15	0.87	4	1	28
G226669		<10	<1	0.47	20	0.13	175	3	0.02	2	90	29	1.34	3	<1	36
G226670		<10	1	0.32	30	0.13	164	2	0.04	2	70	9	0.64	<2	<1	22
G226671		<10	<1	0.31	30	0.16	194	2	0.04	2	90	6	0.64	<2	1	28
G226672		<10	1	0.25	40	0.19	161	2	0.06	1	110	6	0.52	<2	1	29
G226673		<10	1	0.29	30	0.12	164	2	0.03	1	90	6	0.85	2	<1	26
G226674		<10	1	0.22	20	1.03	431	3	0.01	16	430	6	1.98	9	13	131
G226675		<10	<1	0.26	10	0.61	184	3	0.01	9	580	4	0.83	7	4	62
G226676		<10	1	0.30	20	0.80	125	2	0.03	4	590	4	0.96	<2	4	76
G226677		<10	<1	0.28	20	0.87	192	2	0.06	5	590	5	1.58	3	4	94
G226678		<10	<1	0.33	20	0.87	204	1	0.07	5	600	5	1.59	2	4	98
G226679		<10	8	0.16	<10	0.06	228	17	<0.01	346	330	3	1.92	65	1	5
G226680		<10	1	0.22	<10	10.95	222	1	0.02	3	250	5	<0.01	<2	1	49
G226681		<10	1	0.29	20	0.80	149	2	0.06	6	620	5	1.41	4	4	93
G226682		<10	<1	0.28	10	0.76	178	1	0.01	9	600	9	1.63	5	5	117
G226683		<10	1	0.31	10	0.66	145	2	0.01	5	350	10	1.14	2	3	81
G226684		<10	<1	0.28	20	1.74	286	1	0.01	3	120	5	0.63	<2	2	98
G226685		<10	<1	0.49	20	1.01	340	5	0.23	17	420	4	1.03	3	6	81
G226686		<10	1	0.42	10	1.26	317	1	0.17	27	310	4	1.07	2	6	52
G226687		<10	1	0.19	50	0.41	142	1	0.09	2	240	7	1.19	<2	2	24
G226688		10	1	0.36	30	0.44	179	1	0.11	4	270	5	0.79	<2	2	30
G226689		10	1	0.51	30	0.77	233	1	0.11	18	320	190	1.15	6	3	32
G226690		10	1	0.27	30	0.64	212	1	0.11	9	270	7	0.85	2	3	27
G226691		10	1	0.40	30	0.78	232	1	0.16	19	550	8	1.27	2	4	45
G226692		<10	1	0.36	30	0.36	189	2	0.01	12	240	319	3.75	43	1	37
G226693		<10	1	0.25	30	0.58	205	2	0.13	9	360	6	0.78	2	3	31
G226694		10	<1	0.37	10	1.07	272	1	0.16	30	540	4	1.41	3	4	48
G226695		10	1	0.55	10	1.25	285	2	0.17	32	390	5	1.39	5	5	49
G226696		<10	<1	0.51	10	1.27	452	1	0.11	26	460	8	1.26	<2	4	64

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Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
G226657		<10	20	<0.01	<10	<10	1	<10	8
G226658		<10	20	<0.01	<10	<10	1	<10	8
G226659		<10	20	<0.01	<10	<10	1	<10	8
G226660		<10	20	<0.01	<10	10	1	<10	8
G226661		<10	20	<0.01	<10	<10	1	<10	12
G226662		<10	20	<0.01	<10	<10	1	<10	7
G226663		<10	20	<0.01	<10	<10	2	<10	10
G226664		<10	30	<0.01	<10	<10	1	<10	10
G226665		<10	20	<0.01	<10	<10	1	<10	8
G226666		<10	<20	0.02	<10	<10	38	<10	58
G226667		10	<20	<0.01	<10	<10	2	<10	72
G226668		<10	20	<0.01	<10	<10	1	<10	127
G226669		50	20	<0.01	<10	10	1	<10	53
G226670		<10	20	<0.01	<10	<10	1	<10	30
G226671		<10	20	<0.01	<10	<10	1	<10	9
G226672		<10	20	<0.01	<10	<10	1	<10	14
G226673		<10	30	<0.01	<10	<10	1	<10	26
G226674		<10	20	<0.01	<10	<10	34	<10	28
G226675		<10	<20	<0.01	<10	<10	14	<10	108
G226676		<10	<20	<0.01	<10	<10	20	<10	19
G226677		<10	<20	<0.01	<10	<10	24	<10	17
G226678		<10	<20	<0.01	<10	<10	26	<10	19
G226679		<10	<20	<0.01	10	<10	17	<10	38
G226680		<10	<20	0.01	<10	<10	8	<10	19
G226681		<10	<20	<0.01	<10	<10	30	<10	34
G226682		<10	<20	<0.01	<10	<10	24	<10	17
G226683		<10	<20	<0.01	<10	<10	12	<10	100
G226684		<10	20	<0.01	<10	<10	7	<10	13
G226685		<10	<20	0.10	<10	<10	51	<10	32
G226686		<10	<20	0.11	<10	<10	54	<10	28
G226687		<10	20	0.01	<10	<10	9	<10	16
G226688		<10	20	0.04	<10	<10	14	<10	23
G226689		<10	<20	0.07	<10	<10	26	10	2830
G226690		<10	<20	0.08	<10	<10	18	<10	24
G226691		<10	20	0.12	<10	<10	33	<10	42
G226692		50	20	<0.01	<10	<10	10	<10	3920
G226693		<10	20	0.06	<10	<10	23	<10	35
G226694		<10	<20	0.17	<10	<10	37	<10	46
G226695		<10	<20	0.14	<10	<10	48	<10	32
G226696		<10	<20	0.09	<10	<10	36	<10	36

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226697		6.03	0.006	<0.2	1.96	14	<10	90	0.7	<2	1.37	<0.5	12	43	78	2.70
G226698		6.85	0.161	0.4	2.10	143	<10	90	0.7	5	1.89	<0.5	16	59	155	3.30
G226699		6.81	<0.005	<0.2	3.11	8	<10	140	<0.5	<2	2.08	<0.5	19	62	84	3.89
G226700		2.73	0.031	<0.2	2.74	4	<10	100	0.6	<2	1.98	<0.5	15	32	73	3.73
G226701		6.59	0.176	0.7	1.00	384	<10	40	0.6	5	2.50	1.9	5	9	99	2.19
G226702		5.78	<0.005	<0.2	1.29	13	<10	60	<0.5	<2	1.19	<0.5	6	7	29	2.12
G226703		2.48	0.023	0.3	1.27	56	<10	50	0.6	<2	2.03	<0.5	5	6	52	2.19
G226704		2.40	0.010	0.2	1.32	31	<10	70	0.8	<2	1.63	<0.5	7	20	46	2.00
G226705		3.04	0.165	1.2	2.31	46	<10	60	0.8	2	2.25	<0.5	18	71	228	3.34
G226706		6.04	0.491	3.7	1.16	8	<10	60	0.6	<2	4.87	0.8	27	66	862	2.97
G226707		7.31	0.101	1.5	1.31	7	<10	60	0.5	<2	6.12	<0.5	12	31	424	2.24
G226708		7.31	0.075	0.6	1.11	8	<10	50	0.6	<2	3.02	<0.5	9	34	167	1.78

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Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226697		10	1	0.58	20	0.92	207	1	0.16	23	330	5	0.80	<2	4	38
G226698		10	1	0.57	20	1.12	264	5	0.16	34	400	9	1.41	2	5	47
G226699		10	<1	0.75	<10	1.81	456	<1	0.23	21	400	5	0.68	3	10	58
G226700		10	<1	0.73	<10	1.34	390	<1	0.21	14	360	5	0.85	2	7	49
G226701		<10	<1	0.38	20	0.25	190	4	0.04	4	170	13	0.60	7	2	29
G226702		<10	1	0.39	<10	0.57	189	1	0.10	1	230	5	0.70	2	4	19
G226703		<10	<1	0.34	10	0.39	207	1	0.05	2	240	7	0.69	2	6	28
G226704		<10	<1	0.55	30	0.61	177	1	0.04	9	180	2	0.72	2	2	24
G226705		10	<1	0.56	10	1.15	292	1	0.16	41	410	2	1.05	3	7	57
G226706		<10	1	0.28	10	0.78	250	4	0.05	43	550	3	1.34	<2	3	77
G226707		<10	<1	0.25	10	0.47	295	<1	0.05	28	640	5	0.46	4	3	92
G226708		<10	<1	0.27	10	0.54	220	<1	0.08	32	630	4	0.31	3	3	74

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CERTIFICATE OF ANALYSIS TR09096723

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
G226697		<10	<20	0.11	<10	<10	33	<10	23
G226698		<10	<20	0.12	<10	<10	47	170	43
G226699		<10	<20	0.21	<10	<10	101	<10	51
G226700		<10	<20	0.17	<10	<10	69	<10	43
G226701		<10	20	0.01	<10	<10	5	<10	105
G226702		<10	<20	0.04	<10	<10	12	<10	18
G226703		<10	<20	0.01	<10	<10	8	<10	18
G226704		<10	20	0.02	<10	<10	12	<10	18
G226705		<10	<20	0.12	<10	<10	52	<10	38
G226706		<10	<20	0.18	<10	<10	29	10	47
G226707		<10	<20	0.23	<10	<10	27	<10	34
G226708		<10	<20	0.21	<10	<10	26	<10	27

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Finalized Date: 21-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE TR09096724

Project: Sonora

P.O. No.:

This report is for 72 Drill Core samples submitted to our lab in Terrace, BC, Canada on 10-SEP-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Sonora

CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226709		6.21	0.095	0.4	1.37	22	<10	50	0.6	<2	5.23	<0.5	17	131	158	2.71
G226710		6.82	0.220	1.4	1.17	21	<10	40	0.6	<2	4.84	15.4	24	81	272	3.33
G226711		2.67	0.057	1.0	1.22	4	<10	30	0.8	<2	4.72	<0.5	10	42	114	2.18
G226712		4.90	0.235	0.8	1.20	21	<10	20	0.6	<2	11.65	<0.5	25	36	317	5.03
G226713		2.62	0.329	1.5	1.69	13	<10	110	0.6	2	6.06	<0.5	23	27	464	3.24
G226714		3.18	0.525	1.6	2.11	9	<10	90	0.7	<2	6.16	<0.5	25	21	544	2.90
G226715		0.13	4.61	6.2	0.25	480	<10	30	<0.5	<2	0.12	<0.5	11	458	50	3.82
G226716		0.06	0.011	<0.2	0.45	6	<10	50	<0.5	<2	18.0	<0.5	3	13	11	0.57
G226717		3.84	0.743	1.4	0.79	28	20	20	<0.5	3	15.8	<0.5	9	12	456	1.63
G226718		6.72	0.032	0.3	0.78	25	<10	40	<0.5	2	>25.0	<0.5	5	11	45	0.84
G226719		3.10	<0.005	0.2	0.69	14	<10	30	<0.5	<2	>25.0	<0.5	4	12	14	0.78
G226720		4.11	<0.005	0.3	0.98	13	<10	40	<0.5	<2	>25.0	<0.5	7	13	38	0.97
G226721		1.79	7.86	66.7	1.63	1135	<10	20	0.6	274	4.91	57.9	66	23	2020	27.6
G226722		6.55	<0.005	0.4	1.14	16	<10	80	<0.5	<2	24.6	0.7	4	9	13	0.70
G226723		6.18	0.019	0.4	1.76	23	<10	40	0.5	<2	16.7	<0.5	7	23	66	1.31
G226724		6.38	0.013	0.3	0.70	14	60	60	<0.5	<2	20.0	<0.5	4	7	52	0.47
G226725		3.00	<0.005	0.4	0.84	22	60	70	<0.5	<2	20.4	<0.5	3	6	8	0.43
G226726		3.42	<0.005	0.3	0.39	30	<10	60	0.5	<2	18.9	<0.5	3	3	69	0.80
G226727		2.20	0.103	2.6	0.66	1450	10	50	1.0	5	10.80	3.3	22	80	436	3.48
G226728		5.38	0.014	0.4	1.70	50	<10	30	0.9	<2	8.94	<0.5	18	94	156	3.10
G226729		3.94	0.007	0.4	0.38	9	<10	20	<0.5	<2	>25.0	<0.5	4	8	54	0.55
G226730		6.11	0.011	0.2	1.83	9	<10	40	0.6	<2	7.72	<0.5	16	74	95	2.88
G226731		6.91	0.011	0.4	1.40	7	<10	30	0.8	<2	5.02	<0.5	14	44	101	2.56
G226732		6.30	0.018	0.4	1.61	22	<10	30	0.8	<2	6.25	<0.5	13	39	89	2.67
G226733		7.04	0.034	0.6	1.36	15	<10	40	0.5	<2	7.47	<0.5	17	182	188	3.48
G226734		3.20	0.078	1.7	1.13	16	<10	20	<0.5	3	11.50	<0.5	30	245	513	6.22
G226735		6.36	0.050	0.2	1.15	159	<10	10	<0.5	<2	7.73	<0.5	49	891	86	2.25
G226736		2.77	0.006	0.3	0.48	65	10	20	1.1	<2	12.10	<0.5	13	162	80	3.19
G226737		1.96	0.036	0.3	1.34	57	10	80	0.7	<2	6.05	<0.5	15	36	128	3.98
G226738		5.21	1.500	17.3	0.33	1585	<10	10	<0.5	36	2.22	761	41	3	2350	25.7
G226739		5.56	0.327	3.1	1.04	188	<10	20	<0.5	7	10.85	174.0	26	26	442	6.89
G226740		2.62	1.330	6.0	0.62	376	<10	20	<0.5	31	9.67	805	77	17	594	10.70
G226741		7.02	0.030	1.3	2.65	32	<10	140	0.5	<2	7.88	1.5	21	820	324	2.98
G226742		6.30	0.010	<0.2	2.34	10	<10	150	0.7	<2	2.87	1.2	18	371	78	3.25
G226743		4.10	0.008	0.3	2.20	14	10	160	0.6	<2	3.57	<0.5	24	1130	171	2.90
G226744		6.66	0.022	0.6	1.58	9	<10	50	0.5	<2	13.05	<0.5	14	148	131	2.96
G226745		5.55	0.029	0.8	2.01	14	<10	70	0.7	<2	6.76	<0.5	13	87	169	2.88
G226746		4.65	0.087	1.1	0.75	139	<10	10	0.5	2	13.8	<0.5	14	89	231	3.50
G226747		7.41	0.143	0.2	2.71	7	<10	140	0.6	<2	5.31	<0.5	20	1120	73	2.82
G226748		3.02	0.008	0.3	2.33	20	<10	160	0.5	3	7.14	<0.5	30	492	188	3.53

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CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226709		<10	<1	0.37	10	0.91	358	1	0.06	74	500	3	0.68	<2	4	72
G226710		10	<1	0.19	10	0.79	369	8	0.04	46	500	22	1.42	<2	3	78
G226711		10	<1	0.13	10	1.07	385	1	0.05	32	480	25	0.40	<2	4	122
G226712		<10	<1	0.13	<10	1.67	686	1	0.02	24	780	20	1.01	3	4	136
G226713		<10	<1	0.60	10	2.49	372	1	0.04	22	670	5	0.81	<2	3	201
G226714		<10	<1	0.56	10	2.25	361	1	0.06	19	880	6	0.94	<2	3	154
G226715		<10	7	0.16	10	0.05	212	16	0.01	339	330	<2	1.94	62	1	5
G226716		<10	<1	0.20	<10	10.90	222	<1	0.02	1	260	<2	<0.01	<2	1	50
G226717		<10	<1	0.17	<10	3.37	404	1	0.03	3	710	8	0.28	<2	1	275
G226718		<10	<1	0.22	<10	0.58	239	<1	0.05	7	440	3	<0.01	<2	2	1190
G226719		<10	<1	0.16	<10	0.48	207	<1	0.07	7	420	5	<0.01	3	2	1405
G226720		<10	1	0.17	<10	0.97	232	<1	0.09	10	470	4	<0.01	<2	2	1170
G226721		<10	1	0.42	<10	1.43	323	2	0.02	8	550	703	>10.0	17	4	88
G226722		<10	<1	0.62	<10	2.14	448	1	0.02	3	1370	24	<0.01	2	2	887
G226723		<10	<1	0.24	<10	1.27	469	<1	0.10	18	660	5	<0.01	<2	3	577
G226724		<10	<1	0.47	<10	6.95	296	<1	0.01	1	450	2	<0.01	2	1	348
G226725		<10	<1	0.62	<10	7.71	292	<1	0.01	1	430	6	<0.01	2	1	324
G226726		<10	<1	0.27	<10	7.90	651	<1	0.02	2	150	2	<0.01	<2	1	299
G226727		<10	1	0.23	10	4.28	1195	1	0.02	89	830	111	1.60	25	5	218
G226728		<10	<1	0.37	20	1.16	518	<1	0.08	51	640	3	0.94	6	9	137
G226729		<10	<1	0.06	<10	0.27	318	<1	0.02	3	380	3	<0.01	<2	1	592
G226730		10	<1	0.38	10	1.23	388	<1	0.15	37	520	3	0.63	<2	5	123
G226731		<10	<1	0.16	10	1.11	332	<1	0.10	31	580	4	0.57	3	5	116
G226732		<10	1	0.16	10	0.96	432	<1	0.08	29	480	4	0.57	2	5	128
G226733		<10	<1	0.31	10	1.36	409	<1	0.07	59	410	4	1.03	<2	3	122
G226734		<10	<1	0.22	<10	1.76	434	2	0.02	187	350	5	1.55	<2	3	76
G226735		<10	<1	0.11	<10	7.51	345	1	0.01	665	50	4	1.05	3	8	205
G226736		<10	<1	0.16	10	4.96	558	1	0.02	150	180	3	0.21	3	6	268
G226737		<10	<1	0.58	40	1.73	387	<1	0.01	43	310	7	1.57	6	9	144
G226738		<10	1	0.10	<10	0.49	297	<1	0.01	17	240	282	>10.0	9	1	36
G226739		<10	<1	0.23	10	0.74	654	<1	0.03	27	460	72	5.15	4	4	102
G226740		10	<1	0.12	<10	0.93	1430	1	0.01	39	320	66	>10.0	<2	2	120
G226741		10	1	1.74	10	3.90	536	2	0.07	284	360	11	1.09	<2	6	104
G226742		10	<1	0.90	10	2.27	340	1	0.12	103	830	3	0.78	<2	7	117
G226743		10	<1	1.27	10	3.37	305	1	0.07	300	630	2	0.93	<2	3	101
G226744		10	1	0.49	<10	1.82	568	<1	0.04	70	480	4	0.61	<2	4	116
G226745		<10	<1	0.59	10	1.77	403	<1	0.10	53	500	4	0.66	4	5	115
G226746		<10	<1	0.15	<10	1.62	1050	<1	0.01	82	320	10	1.17	7	3	183
G226747		10	<1	1.95	10	4.17	305	<1	0.06	374	280	2	0.70	<2	4	124
G226748		<10	<1	1.61	10	3.49	312	<1	0.05	277	340	5	2.16	<2	6	101

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	20	0.01	10	10	1	10	2	0.001
G226709		<10	<20	0.15	<10	<10	34	<10	28	
G226710		<10	<20	0.15	<10	<10	28	10	839	
G226711		<10	<20	0.16	<10	<10	34	30	37	
G226712		<10	<20	0.10	<10	<10	31	10	49	
G226713		<10	<20	0.13	<10	<10	25	<10	46	
G226714		<10	<20	0.13	<10	<10	26	10	45	
G226715		<10	<20	<0.01	10	<10	17	<10	35	
G226716		<10	<20	0.01	<10	<10	7	<10	19	
G226717		<10	<20	0.04	<10	<10	8	10	41	
G226718		<10	<20	0.03	<10	<10	9	<10	14	
G226719		<10	<20	0.02	<10	<10	11	<10	16	
G226720		<10	<20	0.04	<10	<10	12	<10	23	
G226721		10	<20	0.02	<10	<10	30	40	2800	
G226722		<10	<20	0.03	<10	<10	11	<10	60	
G226723		<10	<20	0.09	<10	<10	22	<10	31	
G226724		<10	<20	0.02	<10	<10	7	<10	36	
G226725		<10	<20	0.02	<10	<10	7	<10	44	
G226726		<10	<20	<0.01	<10	<10	11	<10	34	
G226727		<10	<20	<0.01	<10	<10	24	<10	199	
G226728		<10	<20	0.10	<10	<10	52	<10	34	
G226729		<10	<20	0.02	<10	<10	4	<10	21	
G226730		<10	<20	0.18	<10	<10	41	<10	37	
G226731		<10	<20	0.20	<10	<10	36	<10	35	
G226732		<10	<20	0.16	<10	<10	36	<10	42	
G226733		<10	<20	0.10	<10	<10	24	90	29	
G226734		<10	<20	0.07	<10	<10	15	20	28	
G226735		<10	<20	<0.01	<10	<10	22	<10	16	
G226736		<10	<20	<0.01	<10	<10	22	<10	21	
G226737		<10	20	0.02	<10	<10	39	<10	37	
G226738		<10	<20	<0.01	<10	<10	5	<10	>10000	4.19
G226739		<10	<20	0.06	<10	<10	20	40	8570	
G226740		10	<20	0.01	<10	<10	13	470	>10000	4.81
G226741		<10	<20	0.12	<10	<10	48	320	99	
G226742		<10	<20	0.20	<10	<10	72	<10	89	
G226743		<10	<20	0.12	<10	<10	30	<10	43	
G226744		<10	<20	0.08	<10	<10	28	30	47	
G226745		<10	<20	0.19	<10	<10	44	<10	42	
G226746		<10	<20	0.03	<10	<10	13	80	67	
G226747		<10	<20	0.11	<10	<10	31	<10	39	
G226748		<10	<20	0.11	<10	<10	45	<10	31	

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226749		4.00	<0.005	<0.2	2.29	50	<10	60	0.7	<2	8.60	<0.5	21	551	31	3.68
G226750		6.06	0.008	<0.2	4.33	6	<10	310	0.8	<2	3.08	<0.5	30	685	68	5.31
G226751		6.61	0.022	0.4	4.38	348	<10	280	0.8	10	3.20	<0.5	37	1620	104	5.44
G226752		2.33	<0.005	<0.2	3.04	253	<10	130	0.6	<2	2.27	<0.5	24	1255	15	2.48
G226753		6.17	0.011	0.4	1.69	7	<10	50	0.8	4	3.49	<0.5	18	43	106	2.49
G226754		7.30	0.021	0.5	2.22	7	<10	110	0.5	2	2.20	<0.5	16	54	80	3.28
G226755		6.01	0.013	0.6	1.59	8	<10	40	0.6	5	6.16	<0.5	11	37	35	2.31
G226756		2.92	0.017	0.4	1.13	8	120	50	<0.5	2	4.25	<0.5	8	27	29	1.58
G226757		7.25	0.016	0.5	2.30	4	<10	110	0.6	4	2.39	<0.5	16	61	112	3.94
G226758		5.96	0.024	0.5	1.86	8	<10	70	0.7	6	3.37	<0.5	22	53	148	3.66
G226759		6.69	0.014	0.3	1.66	2	<10	40	0.6	3	1.69	<0.5	15	50	58	2.97
G226760		4.90	0.022	0.4	1.16	6	<10	40	0.7	<2	4.21	<0.5	11	37	44	1.69
G226761		3.83	0.039	0.5	1.13	5	<10	20	<0.5	5	12.50	<0.5	3	9	2	0.86
G226762		6.67	0.017	0.4	1.36	4	<10	20	0.6	4	3.18	<0.5	15	36	77	2.21
G226763		6.80	0.012	0.5	1.30	5	<10	20	0.6	4	2.96	<0.5	16	33	77	2.32
G226764		7.04	0.018	0.4	1.60	<2	<10	20	0.7	3	3.96	<0.5	15	33	70	2.41
G226765		5.88	0.017	0.4	1.64	5	<10	40	0.5	5	2.94	<0.5	15	38	53	2.62
G226766		3.93	0.031	0.4	1.21	3	<10	30	<0.5	3	2.09	<0.5	11	38	47	2.30
G226767		7.15	0.009	0.4	1.23	5	<10	30	0.5	3	2.97	<0.5	17	29	72	2.29
G226768		7.41	0.022	0.8	1.07	5	<10	30	0.6	4	2.93	<0.5	16	25	129	2.11
G226769		5.99	0.190	2.2	1.14	6	<10	40	0.6	2	3.43	0.5	16	32	448	2.29
G226770		2.33	0.029	0.3	1.96	9	<10	140	0.5	4	1.91	<0.5	22	176	77	2.86
G226771		4.50	0.009	0.4	1.71	5	<10	30	0.7	5	8.50	<0.5	23	139	94	2.51
G226772		6.24	0.026	0.4	1.48	3	<10	40	0.5	2	6.85	<0.5	9	86	30	1.86
G226773		6.99	<0.005	0.3	1.46	6	<10	30	0.5	2	4.88	<0.5	12	33	32	2.06
G226774		6.83	0.005	0.4	1.17	4	<10	20	0.5	4	3.42	<0.5	17	37	130	2.74
G226775		6.10	0.019	0.5	1.64	4	<10	50	0.5	3	2.74	<0.5	16	43	122	3.13
G226776		4.36	0.062	0.4	2.20	6	<10	60	0.8	4	6.18	<0.5	15	152	56	2.63
G226777		2.61	0.019	1.2	2.35	6	<10	20	0.9	11	7.43	<0.5	25	84	194	5.10
G226778		6.69	<0.005	0.4	1.00	2	<10	30	<0.5	3	2.58	<0.5	11	55	31	1.68
G226779		5.71	0.009	0.3	1.35	4	<10	10	0.6	4	6.21	<0.5	9	42	27	1.76
G226780		3.33	<0.005	0.2	1.75	12	<10	50	<0.5	3	3.37	<0.5	32	1225	66	2.43

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226749		<10	<1	0.78	10	5.77	598	<1	0.02	199	210	3	0.32	<2	10	343
G226750		10	<1	2.67	20	5.07	523	<1	0.15	219	460	2	0.75	<2	16	127
G226751		10	1	3.32	10	6.79	637	11	0.05	419	170	7	1.24	<2	11	67
G226752		10	<1	1.74	10	4.59	341	<1	0.12	514	320	<2	0.24	<2	5	57
G226753		10	<1	0.26	20	1.17	229	<1	0.20	48	840	3	1.03	2	4	107
G226754		10	<1	0.86	20	1.25	303	1	0.15	43	630	<2	0.68	<2	5	69
G226755		10	<1	0.23	20	0.85	387	1	0.08	29	640	2	0.31	<2	4	111
G226756		10	<1	0.13	10	0.85	293	1	0.09	25	640	2	0.25	<2	3	81
G226757		10	<1	0.39	20	1.13	211	6	0.14	43	1330	<2	1.57	2	7	77
G226758		10	<1	0.36	20	1.35	289	5	0.13	47	1040	<2	1.55	<2	8	73
G226759		<10	<1	0.22	20	1.20	287	<1	0.13	44	580	<2	0.75	<2	5	76
G226760		<10	<1	0.16	10	0.94	269	1	0.09	34	640	<2	0.41	<2	3	178
G226761		<10	<1	0.04	10	0.91	417	1	0.09	4	520	5	0.02	<2	1	262
G226762		10	<1	0.15	20	1.00	286	1	0.07	41	730	3	0.56	<2	4	80
G226763		<10	<1	0.15	20	0.86	271	1	0.10	45	760	<2	0.71	<2	4	74
G226764		10	<1	0.22	20	1.03	308	1	0.11	39	770	<2	0.78	<2	4	90
G226765		10	<1	0.37	20	1.18	312	1	0.08	45	900	<2	0.50	<2	3	73
G226766		<10	<1	0.32	10	0.87	240	1	0.07	31	570	<2	0.49	<2	3	58
G226767		10	<1	0.23	20	0.85	273	<1	0.07	44	880	<2	0.71	<2	3	69
G226768		10	<1	0.16	10	0.68	219	1	0.08	39	810	<2	0.75	<2	3	74
G226769		<10	<1	0.20	20	0.71	242	2	0.08	43	810	2	0.90	<2	3	73
G226770		10	<1	0.79	20	1.75	253	1	0.09	80	750	<2	0.73	<2	5	100
G226771		10	<1	0.26	10	0.94	314	<1	0.17	94	500	<2	1.16	2	2	139
G226772		10	<1	0.32	10	1.25	295	<1	0.11	60	600	<2	0.36	<2	3	130
G226773		10	<1	0.20	20	0.97	307	<1	0.09	32	740	<2	0.25	<2	3	101
G226774		10	<1	0.12	20	0.93	264	1	0.11	39	840	<2	1.12	<2	4	65
G226775		10	<1	0.34	20	1.11	279	1	0.13	43	700	<2	0.96	<2	5	74
G226776		10	<1	0.41	20	1.25	304	1	0.17	65	540	2	0.65	<2	6	122
G226777		10	<1	0.25	20	1.94	576	1	0.05	47	530	10	2.73	3	8	124
G226778		10	<1	0.20	10	0.68	207	<1	0.10	27	870	<2	0.31	<2	3	71
G226779		10	<1	0.09	10	1.07	383	<1	0.10	37	690	2	0.24	<2	4	124
G226780		<10	<1	0.64	10	2.92	250	1	0.05	505	320	<2	0.69	4	2	52

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EDMONTON AB T5S 1K7

Finalized Date: 21-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS TR09096724

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Zn-OG46 Zn % 0.001
G226749		<10	<20	0.03	<10	<10	48	<10	42	
G226750		<10	<20	0.26	<10	<10	109	<10	63	
G226751		<10	<20	0.21	<10	<10	98	<10	96	
G226752		<10	<20	0.14	<10	<10	46	<10	43	
G226753		<10	<20	0.24	<10	<10	38	<10	29	
G226754		<10	<20	0.25	<10	<10	47	<10	36	
G226755		<10	<20	0.15	<10	<10	31	<10	33	
G226756		<10	<20	0.16	<10	<10	36	<10	30	
G226757		<10	<20	0.10	<10	<10	154	<10	24	
G226758		<10	<20	0.13	<10	<10	133	<10	30	
G226759		<10	<20	0.23	<10	<10	49	<10	27	
G226760		<10	<20	0.19	<10	<10	31	<10	23	
G226761		<10	<20	0.08	<10	<10	8	<10	29	
G226762		<10	<20	0.19	<10	<10	34	<10	29	
G226763		<10	<20	0.22	<10	<10	32	<10	28	
G226764		<10	<20	0.20	<10	<10	35	<10	28	
G226765		<10	<20	0.27	<10	<10	37	<10	37	
G226766		<10	<20	0.15	<10	<10	36	<10	30	
G226767		<10	<20	0.26	<10	<10	31	<10	34	
G226768		<10	<20	0.22	<10	<10	31	<10	22	
G226769		<10	<20	0.16	<10	<10	49	<10	37	
G226770		<10	<20	0.25	<10	<10	44	<10	32	
G226771		<10	<20	0.13	<10	<10	19	<10	21	
G226772		<10	<20	0.18	<10	<10	26	<10	24	
G226773		<10	<20	0.25	<10	<10	34	<10	30	
G226774		<10	<20	0.21	<10	<10	40	<10	28	
G226775		<10	<20	0.24	<10	<10	46	<10	33	
G226776		<10	<20	0.18	<10	<10	49	<10	27	
G226777		<10	<20	0.07	<10	<10	63	<10	38	
G226778		<10	<20	0.19	<10	<10	30	<10	22	
G226779		<10	<20	0.20	<10	<10	29	<10	26	
G226780		<10	<20	0.05	<10	<10	21	<10	23	

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Finalized Date: 15-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE VA09094854

Project: Sonora

P.O. No.:

This report is for 24 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 27-AUG-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09094854

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G227912		3.98	0.012	0.4	0.78	72	<10	170	0.9	<2	4.63	<0.5	18	29	66	2.40
G227913		4.98	0.010	0.9	0.72	83	<10	30	0.9	<2	3.59	<0.5	14	22	64	2.32
G227914		2.60	0.011	0.4	0.90	49	<10	30	1.0	<2	4.23	<0.5	11	39	43	2.28
G227915		2.02	0.029	0.8	0.35	233	<10	40	0.5	11	12.00	1.0	19	5	28	4.37
G227916		3.36	0.008	0.5	0.80	58	<10	50	0.8	2	3.37	<0.5	9	19	35	1.99
G227917		3.16	0.042	0.5	0.64	59	<10	40	0.7	<2	3.56	<0.5	7	8	36	1.72
G227918		2.80	0.012	<0.2	0.70	30	<10	30	0.6	2	1.95	<0.5	6	5	34	1.53
G227919		6.52	0.010	<0.2	0.70	18	<10	30	0.7	<2	2.32	<0.5	6	7	40	1.59
G227920		5.68	0.018	<0.2	0.63	26	<10	30	0.5	<2	1.84	<0.5	7	6	43	1.67
G227921		1.92	0.010	0.3	0.58	12	<10	30	0.5	<2	2.49	<0.5	6	5	42	1.43
G227922		3.86	0.007	0.4	0.78	47	<10	20	0.7	<2	8.16	<0.5	9	14	63	2.76
G227923		3.64	0.007	0.4	1.41	13	<10	30	1.0	<2	6.14	<0.5	9	20	49	2.64
G227924		1.88	0.008	0.2	2.90	65	<10	40	1.7	<2	5.93	<0.5	10	130	71	3.47
G227925		3.46	0.006	<0.2	2.48	83	<10	40	1.2	<2	4.27	<0.5	8	20	72	2.97
G227926		6.02	0.016	<0.2	2.43	88	<10	20	1.3	2	10.15	<0.5	10	46	85	2.87
G227927		5.44	0.025	0.4	2.08	49	<10	30	0.9	<2	7.67	<0.5	19	29	126	3.07
G227928		3.68	0.013	0.3	1.58	120	<10	20	0.6	<2	14.3	<0.5	30	18	161	3.77
G227929		2.70	0.010	<0.2	1.83	36	<10	50	0.8	<2	3.31	<0.5	19	34	96	2.80
G227930		4.76	0.036	1.1	1.97	170	<10	40	1.1	12	4.06	<0.5	20	56	77	3.20
G227931		3.50	0.011	0.6	1.55	113	<10	20	1.1	<2	10.05	<0.5	53	66	284	4.44
G227932		2.70	0.007	0.2	2.72	17	<10	110	0.9	<2	3.04	<0.5	19	166	71	3.09
G227933		2.74	0.006	0.2	2.85	13	<10	120	0.9	<2	2.76	<0.5	20	161	88	3.23
G227934		0.14	6.99	13.3	1.45	50	<10	20	<0.5	4	3.22	4.5	33	26	>10000	7.16
G227935		0.28	<0.005	0.2	0.28	7	<10	30	<0.5	<2	18.4	<0.5	2	10	66	0.53

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 15-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09094854

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G227912		<10	<1	0.19	20	1.91	342	1	0.01	50	520	112	0.80	9	11	112
G227913		<10	<1	0.24	20	1.46	312	<1	0.01	50	420	109	0.93	11	9	108
G227914		<10	<1	0.16	20	1.41	375	1	0.01	75	610	47	0.59	9	8	149
G227915		<10	<1	0.07	<10	2.35	712	<1	0.02	56	260	46	4.75	10	2	151
G227916		<10	<1	0.23	30	1.24	301	1	0.02	72	450	36	0.76	5	5	108
G227917		<10	<1	0.23	30	1.32	292	1	0.01	29	490	48	0.64	5	4	94
G227918		<10	<1	0.20	60	0.72	183	1	0.03	10	620	37	0.64	<2	3	66
G227919		<10	<1	0.20	60	0.81	139	<1	0.04	7	620	21	0.57	2	4	84
G227920		<10	<1	0.23	50	0.63	123	<1	0.04	6	490	29	0.67	2	3	57
G227921		<10	<1	0.21	50	0.83	139	<1	0.04	5	490	21	0.49	5	2	73
G227922		<10	<1	0.27	40	1.50	523	1	0.03	13	870	17	1.08	5	5	131
G227923		<10	<1	0.26	40	2.37	574	1	0.02	9	730	23	0.66	3	9	202
G227924		10	<1	0.28	30	2.40	514	1	0.06	25	930	12	0.97	6	11	210
G227925		10	<1	0.29	40	2.17	314	1	0.09	7	1110	10	0.69	12	11	142
G227926		10	<1	0.19	30	1.74	466	1	0.10	17	910	8	0.86	8	8	274
G227927		10	<1	0.18	20	1.09	329	1	0.08	23	850	10	1.06	7	6	145
G227928		<10	<1	0.32	10	1.65	584	<1	0.02	35	540	6	2.13	13	5	180
G227929		10	<1	0.45	30	1.24	240	1	0.07	25	730	8	0.99	4	7	109
G227930		10	<1	0.56	30	1.35	294	1	0.03	37	340	36	1.47	6	7	139
G227931		<10	<1	0.33	10	1.15	488	13	0.04	55	490	8	2.71	10	5	152
G227932		<10	<1	1.08	20	1.81	262	<1	0.19	91	1270	7	0.59	<2	8	139
G227933		10	<1	1.16	20	1.86	254	<1	0.19	88	1270	5	0.61	<2	8	138
G227934		10	<1	0.21	<10	1.07	572	375	0.10	42	970	70	5.58	44	8	94
G227935		<10	<1	0.15	<10	11.15	218	1	0.02	2	240	4	<0.01	<2	1	50

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 15-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09094854

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001
G227912		<10	<20	<0.01	<10	<10	42	<10	53	
G227913		<10	<20	<0.01	<10	<10	27	<10	23	
G227914		<10	<20	0.04	10	<10	37	<10	28	
G227915		<10	<20	0.01	<10	<10	8	<10	45	
G227916		<10	<20	<0.01	<10	<10	20	<10	24	
G227917		<10	<20	<0.01	<10	<10	15	<10	17	
G227918		<10	20	<0.01	<10	<10	12	<10	16	
G227919		<10	20	<0.01	<10	<10	14	<10	17	
G227920		<10	20	<0.01	<10	<10	10	<10	15	
G227921		<10	20	<0.01	<10	<10	9	<10	15	
G227922		<10	<20	0.01	<10	<10	31	<10	31	
G227923		<10	<20	0.01	<10	<10	51	<10	31	
G227924		<10	<20	0.11	<10	<10	85	<10	54	
G227925		<10	<20	0.14	<10	<10	96	<10	39	
G227926		<10	<20	0.13	<10	<10	83	<10	33	
G227927		<10	<20	0.14	<10	<10	44	<10	30	
G227928		<10	<20	0.04	<10	<10	50	<10	30	
G227929		<10	<20	0.22	<10	<10	60	<10	37	
G227930		<10	<20	0.04	<10	<10	50	<10	36	
G227931		<10	<20	0.02	<10	<10	29	<10	26	
G227932		<10	<20	0.24	<10	<10	82	<10	31	
G227933		<10	<20	0.25	<10	<10	83	<10	31	
G227934		<10	<20	0.05	<10	<10	82	10	134	3.24
G227935		<10	<20	0.01	<10	10	5	<10	14	

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 26-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE VA09098630

Project: Sonora

P.O. No.:

This report is for 72 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-SEP-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226781		7.34	0.011	<0.2	1.05	6	<10	20	0.6	<2	5.72	<0.5	13	25	57	1.85
G226782		3.98	<0.005	<0.2	0.57	5	<10	10	<0.5	<2	3.74	<0.5	8	24	35	1.23
G226783		5.74	0.013	<0.2	0.81	17	<10	20	<0.5	<2	4.66	<0.5	12	22	41	1.41
G226784		7.32	0.007	<0.2	0.55	11	<10	10	0.5	<2	7.43	<0.5	10	16	41	1.07
G226785		5.24	<0.005	0.2	1.68	5	<10	60	0.5	<2	3.02	<0.5	20	432	61	2.46
G226786		2.50	0.015	0.3	1.34	7	<10	30	0.8	<2	6.37	<0.5	10	94	87	1.55
G226787		3.40	0.011	0.2	0.65	10	<10	10	0.5	<2	10.15	<0.5	7	12	30	0.97
G226788		5.14	0.016	1.1	1.98	3	<10	40	<0.5	<2	1.92	<0.5	26	575	301	2.98
G226789		5.50	<0.005	<0.2	1.97	5	<10	30	0.7	<2	3.11	<0.5	15	71	31	2.99
G226790		6.42	<0.005	<0.2	1.08	2	<10	20	<0.5	<2	2.13	<0.5	8	36	16	1.70
G226791		6.32	<0.005	<0.2	0.78	6	<10	10	<0.5	<2	1.22	<0.5	6	30	33	1.24
G226792		6.76	<0.005	<0.2	0.78	4	<10	40	<0.5	<2	1.54	<0.5	6	37	5	1.04
G226793		3.68	<0.005	<0.2	2.08	29	<10	10	<0.5	<2	0.60	<0.5	27	1095	2	2.22
G226794		4.20	<0.005	<0.2	1.46	18	<10	10	<0.5	<2	0.84	<0.5	24	1230	1	1.72
G226795		2.26	<0.005	<0.2	1.34	24	<10	<10	<0.5	<2	0.57	<0.5	79	3370	38	2.89
G226796		6.84	<0.005	<0.2	1.30	5	<10	50	0.5	<2	1.65	<0.5	10	106	21	1.80
G226797		6.24	<0.005	<0.2	1.56	2	<10	<10	<0.5	<2	0.66	<0.5	61	2050	32	3.63
G226798		5.44	<0.005	0.3	1.25	4	<10	70	<0.5	<2	1.08	<0.5	11	50	52	1.91
G226799		5.50	<0.005	<0.2	1.29	3	<10	80	<0.5	<2	1.31	<0.5	11	54	30	1.97
G226800		5.72	<0.005	<0.2	1.85	5	<10	<10	<0.5	<2	1.89	<0.5	61	1650	23	4.61
G226801		4.32	0.018	0.4	0.36	27	<10	250	0.5	<2	1.06	<0.5	4	11	152	1.59
G226802		5.80	0.039	0.3	0.26	11	<10	270	0.5	<2	0.90	<0.5	3	12	120	1.33
G226803		4.52	0.034	0.9	0.37	52	<10	30	0.6	2	1.17	<0.5	5	9	216	1.58
G226804		4.14	0.038	0.8	0.58	22	<10	80	0.6	<2	1.19	<0.5	7	13	296	1.86
G226805		6.28	0.042	0.5	0.71	82	<10	120	0.6	2	1.06	<0.5	8	28	333	2.44
G226806		5.60	0.024	0.7	0.45	35	<10	70	0.6	<2	1.16	<0.5	7	6	252	1.92
G226807		3.84	0.033	0.9	0.60	75	<10	110	0.6	<2	1.27	<0.5	6	13	293	2.15
G226808		2.56	0.038	1.8	1.52	33	<10	50	0.5	5	1.43	<0.5	10	45	519	3.38
G226809		5.02	0.021	0.7	0.55	44	<10	70	0.8	<2	1.25	<0.5	6	6	249	2.21
G226810		1.12	<0.005	<0.2	1.07	31	<10	30	2.4	<2	4.58	<0.5	16	8	22	5.55
G226811		5.50	0.033	1.9	1.51	65	<10	70	0.6	5	1.63	0.7	17	69	625	4.72
G226812		5.22	0.045	0.7	1.08	148	<10	80	0.5	<2	1.52	0.5	13	15	241	3.89
G226813		3.58	0.018	0.4	0.33	11	<10	40	0.5	<2	1.16	<0.5	7	5	164	1.89
G226814		2.52	0.106	3.8	0.59	4550	<10	20	1.1	2	2.10	30.9	9	7	222	2.52
G226815		5.12	0.032	2.2	0.31	131	<10	130	0.5	13	1.24	1.6	5	3	284	1.28
G226816		6.24	0.032	1.8	0.95	45	<10	70	0.8	4	1.35	0.8	13	15	466	2.89
G226817		10.16	0.044	0.9	0.43	73	<10	40	0.7	<2	1.53	0.5	7	3	268	1.77
G226818		4.82	0.328	1.8	0.30	2400	<10	80	<0.5	9	1.05	<0.5	16	4	318	1.74
G226819		6.04	0.040	1.2	0.46	257	<10	110	0.6	<2	1.58	<0.5	11	10	299	1.96
G226820		3.04	0.020	0.9	0.38	51	<10	20	0.6	<2	1.81	<0.5	7	2	212	1.49

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Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226781		<10	<1	0.13	10	0.73	286	<1	0.11	29	630	4	0.50	3	3	86
G226782		<10	<1	0.13	<10	0.40	222	<1	0.05	20	190	<2	0.31	<2	1	44
G226783		<10	<1	0.22	10	0.60	234	<1	0.09	32	630	3	0.23	3	2	67
G226784		<10	<1	0.06	<10	0.44	277	<1	0.09	38	700	4	0.29	4	2	91
G226785		<10	<1	0.63	10	2.40	307	<1	0.07	136	660	2	0.58	2	6	64
G226786		<10	<1	0.36	10	1.57	561	<1	0.08	65	520	3	0.26	5	4	253
G226787		<10	<1	0.06	<10	1.01	351	<1	0.04	14	370	3	0.11	3	2	164
G226788		10	<1	0.57	10	3.14	252	<1	0.06	204	470	<2	0.82	6	4	51
G226789		<10	<1	0.34	20	2.63	493	<1	0.03	44	690	7	0.39	2	7	93
G226790		<10	<1	0.10	20	1.21	304	<1	0.07	26	700	4	0.05	4	3	58
G226791		<10	<1	0.06	20	0.82	195	<1	0.08	26	740	5	0.02	2	2	62
G226792		<10	<1	0.09	20	0.66	201	<1	0.06	29	720	6	0.02	<2	2	69
G226793		10	<1	0.07	10	4.20	348	<1	0.03	322	520	4	0.01	<2	1	25
G226794		<10	<1	0.13	10	3.11	252	<1	0.03	392	390	7	0.04	<2	2	31
G226795		<10	<1	<0.01	<10	6.11	293	<1	0.01	1230	40	4	0.37	<2	3	8
G226796		<10	<1	0.35	10	1.38	314	<1	0.08	51	590	7	0.01	2	2	51
G226797		<10	<1	0.01	10	8.98	437	<1	0.01	864	140	14	0.20	<2	5	16
G226798		<10	<1	0.53	20	1.16	273	2	0.08	37	720	11	0.02	<2	3	44
G226799		<10	<1	0.52	20	1.10	304	<1	0.08	37	740	9	0.02	3	2	50
G226800		<10	<1	0.01	10	9.96	746	<1	0.02	673	130	3	0.28	<2	15	51
G226801		<10	<1	0.15	30	0.31	113	2	0.04	5	150	10	0.78	6	1	22
G226802		<10	<1	0.14	20	0.27	102	4	0.03	4	100	9	0.79	<2	1	22
G226803		<10	<1	0.22	20	0.29	143	14	0.03	3	120	11	0.88	5	1	16
G226804		<10	<1	0.24	30	0.52	116	14	0.05	3	300	8	1.08	3	3	38
G226805		<10	<1	0.36	30	0.69	129	11	0.04	7	220	10	1.17	9	4	44
G226806		<10	<1	0.20	40	0.35	119	2	0.04	1	190	10	1.06	5	1	33
G226807		<10	<1	0.29	30	0.48	147	12	0.05	4	270	9	1.33	6	2	41
G226808		<10	<1	0.67	20	1.38	155	2	0.12	13	770	9	1.79	5	8	83
G226809		<10	<1	0.21	70	0.44	131	2	0.04	3	230	13	1.21	8	2	47
G226810		<10	<1	0.28	20	1.12	1030	1	0.02	2	1810	9	0.22	2	17	157
G226811		<10	<1	0.42	30	1.46	256	6	0.09	28	410	17	2.44	3	12	59
G226812		<10	<1	0.29	30	0.82	155	6	0.09	11	510	20	2.77	4	6	49
G226813		<10	<1	0.17	30	0.41	104	8	0.03	3	140	14	1.20	3	1	34
G226814		<10	<1	0.27	10	0.81	237	15	0.01	12	450	434	1.16	11	5	69
G226815		<10	<1	0.22	20	0.51	189	17	0.01	3	140	22	0.49	6	1	35
G226816		<10	<1	0.43	30	0.83	152	13	0.05	11	270	39	1.40	7	7	61
G226817		<10	<1	0.20	20	0.56	119	5	0.01	3	180	14	1.04	32	2	50
G226818		<10	<1	0.18	20	0.31	100	1	0.02	2	130	16	1.00	12	1	26
G226819		<10	<1	0.24	10	0.64	137	44	0.01	10	200	12	1.16	14	2	39
G226820		<10	<1	0.22	10	0.70	139	4	<0.01	4	150	10	0.85	26	1	45

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1
G226781		<10	<20	0.12	<10	<10	24	<10	22	
G226782		<10	<20	0.05	<10	<10	14	<10	10	
G226783		<10	<20	0.15	<10	<10	20	<10	19	
G226784		<10	<20	0.13	<10	<10	15	<10	14	
G226785		<10	<20	0.14	<10	<10	49	<10	29	
G226786		<10	<20	0.14	<10	<10	32	<10	25	
G226787		<10	<20	0.07	<10	<10	10	<10	30	
G226788		<10	<20	0.14	<10	<10	44	<10	36	
G226789		<10	<20	0.13	<10	<10	56	<10	34	
G226790		<10	<20	0.19	<10	<10	34	<10	24	
G226791		<10	<20	0.19	<10	<10	25	<10	22	
G226792		<10	<20	0.24	<10	<10	25	<10	17	
G226793		<10	<20	0.09	<10	<10	24	<10	55	
G226794		<10	<20	0.07	<10	<10	19	<10	26	
G226795		<10	<20	0.01	<10	<10	23	<10	26	
G226796		<10	<20	0.19	<10	<10	30	<10	28	
G226797		<10	<20	0.04	<10	<10	35	<10	35	
G226798		<10	<20	0.20	<10	<10	35	<10	37	
G226799		<10	<20	0.22	<10	<10	34	<10	32	
G226800		<10	<20	0.01	<10	<10	63	<10	30	
G226801		<10	20	<0.01	<10	<10	3	<10	22	
G226802		<10	20	<0.01	<10	<10	2	<10	17	
G226803		<10	20	<0.01	<10	<10	2	<10	21	
G226804		<10	20	0.02	<10	10	16	<10	31	
G226805		<10	20	0.02	<10	<10	21	<10	31	
G226806		<10	20	<0.01	<10	<10	3	<10	30	
G226807		<10	20	0.01	<10	<10	12	<10	33	
G226808		<10	<20	0.10	<10	<10	63	<10	40	
G226809		<10	20	0.01	<10	<10	6	<10	31	
G226810		<10	<20	<0.01	<10	<10	90	<10	88	
G226811		<10	<20	0.04	<10	<10	66	<10	48	
G226812		<10	<20	0.02	<10	<10	24	<10	48	
G226813		<10	20	<0.01	<10	<10	3	<10	30	
G226814		<10	<20	<0.01	<10	<10	15	<10	1540	
G226815		<10	20	<0.01	<10	<10	3	<10	79	
G226816		<10	20	0.02	<10	<10	29	<10	70	
G226817		<10	20	<0.01	<10	<10	3	<10	38	
G226818		<10	20	<0.01	<10	<10	3	<10	35	
G226819		<10	20	<0.01	<10	<10	8	<10	43	
G226820		<10	<20	<0.01	<10	<10	2	<10	63	

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EDMONTON AB T5S 1K7

Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226821		3.84	0.032	0.9	0.37	416	<10	210	0.6	<2	2.38	0.6	12	11	270	2.12
G226822		3.38	0.175	1.8	0.41	949	<10	50	0.6	<2	2.23	0.7	9	4	267	2.38
G226823		5.54	0.031	1.0	0.35	84	<10	30	0.5	2	1.33	<0.5	6	2	279	1.63
G226824		5.96	0.146	1.9	0.33	3270	<10	40	0.5	3	1.24	0.8	7	4	279	1.81
G226825		4.72	0.015	0.7	0.28	31	<10	40	<0.5	<2	0.90	<0.5	5	4	171	1.14
G226826		5.16	0.088	1.5	0.33	19	<10	40	0.5	2	1.08	0.5	5	4	365	1.45
G226827		5.58	0.459	0.9	0.37	281	<10	20	0.5	6	1.19	0.5	7	5	261	1.49
G226828		4.48	0.035	0.9	0.71	19	<10	70	0.5	<2	1.38	<0.5	10	24	339	2.29
G226829		3.66	0.028	0.9	0.46	17	<10	60	0.7	<2	1.53	<0.5	14	11	319	2.55
G226830		5.98	0.026	0.5	1.08	29	<10	100	0.7	<2	2.02	<0.5	13	49	249	2.66
G226831		6.30	0.119	3.2	0.43	350	<10	240	0.5	<2	2.04	0.9	14	16	821	2.21
G226832		4.98	0.055	2.5	0.52	70	<10	30	0.5	2	1.26	0.6	13	14	511	1.60
G226833		5.48	0.031	0.6	1.04	25	<10	50	0.8	<2	1.49	<0.5	12	35	202	2.61
G226834		5.52	0.046	1.1	0.52	282	<10	170	0.6	<2	1.89	<0.5	17	19	399	2.79
G226835		2.88	0.086	0.9	0.48	320	<10	120	1.0	<2	6.56	2.4	12	16	174	3.05
G226836		3.06	0.091	0.4	0.18	546	<10	340	1.7	<2	18.3	<0.5	3	5	29	2.70
G226837		5.76	0.155	2.3	0.62	456	<10	140	0.6	5	5.28	1.7	8	17	150	2.71
G226838		5.98	0.052	1.0	0.39	190	<10	30	0.8	<2	3.86	0.8	9	19	116	2.37
G226839		2.84	0.397	5.0	0.48	444	<10	50	1.2	10	7.31	25.7	14	28	152	3.71
G226840		4.52	0.357	3.5	0.48	809	<10	130	1.1	5	9.01	15.4	13	12	153	3.03
G226841		6.16	2.60	16.0	0.48	6750	<10	100	1.1	66	4.14	27.5	37	20	181	3.18
G226842		4.46	0.041	1.5	0.31	199	<10	40	0.5	4	2.47	2.5	6	3	74	1.49
G226843		3.28	0.258	22.3	0.25	119	<10	30	<0.5	89	3.91	0.6	20	2	186	2.87
G226844		2.88	0.093	0.6	1.62	73	<10	60	1.0	<2	4.07	<0.5	15	86	109	2.65
G226845		1.84	0.025	0.4	0.48	401	<10	30	0.5	<2	0.83	0.8	8	7	65	1.51
G226846		1.66	0.032	0.3	0.36	446	<10	40	<0.5	2	0.66	1.7	6	2	58	1.19
G226847		3.36	1.395	78.3	0.26	>10000	<10	20	<0.5	839	1.78	36.1	45	<1	549	20.1
G226848		2.22	2.41	>100	0.25	>10000	<10	20	<0.5	2390	0.44	46.7	72	<1	706	16.3
G226849		6.06	0.119	0.6	0.46	254	<10	40	0.6	6	1.72	3.4	6	4	55	1.53
G226850		5.54	0.047	2.1	0.35	136	<10	40	<0.5	34	2.26	1.2	8	3	192	1.59
G226851		5.60	0.047	1.5	0.36	140	<10	30	<0.5	14	1.10	2.5	6	2	82	1.31
G226852		3.22	0.151	7.7	1.01	1020	<10	40	0.8	27	2.16	4.8	11	13	144	2.66

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
G226821		<10	<1	0.21	10	0.81	174	156	<0.01	28	260	8	1.25	21	4	57
G226822		<10	<1	0.22	10	0.54	173	63	0.01	6	110	21	1.65	25	2	60
G226823		<10	<1	0.19	10	0.48	122	5	0.01	3	120	10	0.95	5	1	47
G226824		<10	<1	0.21	10	0.50	145	9	<0.01	3	120	100	1.06	8	1	31
G226825		<10	<1	0.18	10	0.33	94	30	0.01	2	100	10	0.85	5	1	23
G226826		<10	<1	0.20	10	0.41	99	3	0.01	3	70	12	1.01	4	1	32
G226827		<10	<1	0.22	10	0.45	102	5	<0.01	8	90	15	0.91	3	2	45
G226828		<10	<1	0.36	20	0.74	117	25	0.02	17	290	11	1.13	5	4	65
G226829		<10	<1	0.18	10	0.63	103	7	0.01	33	250	7	1.42	2	6	64
G226830		<10	<1	0.56	10	1.32	123	8	0.02	45	340	4	0.83	2	8	78
G226831		<10	<1	0.21	10	0.82	123	2	0.01	31	240	7	1.11	3	5	62
G226832		<10	<1	0.28	10	0.65	73	3	0.01	22	230	5	1.05	7	4	41
G226833		<10	<1	0.49	20	1.07	113	4	0.01	35	330	4	0.97	10	7	58
G226834		<10	<1	0.22	10	0.77	133	2	0.01	38	160	6	1.51	6	8	69
G226835		<10	<1	0.17	<10	2.60	900	76	0.01	32	550	6	1.56	10	6	180
G226836		<10	<1	0.05	<10	6.80	3820	39	0.01	1	80	5	0.5	11	2	495
G226837		<10	<1	0.17	<10	2.13	880	34	0.03	26	400	37	1.48	21	4	104
G226838		<10	<1	0.16	10	1.45	295	32	0.01	26	260	14	1.55	21	5	101
G226839		<10	<1	0.17	<10	3.06	801	27	0.02	38	460	365	3.00	35	9	161
G226840		<10	<1	0.18	<10	3.73	827	34	0.02	20	220	131	1.90	30	8	182
G226841		<10	<1	0.20	<10	1.37	408	22	0.01	45	590	804	2.20	127	8	124
G226842		<10	<1	0.21	10	0.98	476	1	<0.01	5	100	44	0.98	10	1	68
G226843		<10	<1	0.19	10	0.98	986	1	<0.01	4	80	52	2.67	18	1	85
G226844		<10	<1	0.24	10	1.45	382	2	0.03	40	620	13	0.91	5	8	116
G226845		<10	<1	0.22	20	0.29	109	4	<0.01	5	110	9	1.09	7	1	23
G226846		<10	<1	0.25	10	0.06	80	9	<0.01	1	70	8	1.00	6	<1	17
G226847		<10	<1	0.16	<10	0.31	199	2	0.01	11	150	637	>10.0	80	<1	38
G226848		<10	<1	0.24	<10	0.03	16	1	<0.01	9	60	2200	>10.0	117	<1	19
G226849		<10	<1	0.22	20	0.25	129	<1	<0.01	2	120	12	0.99	10	1	30
G226850		<10	<1	0.23	20	0.40	323	1	0.01	2	110	20	1.06	8	1	46
G226851		<10	<1	0.18	20	0.15	105	1	<0.01	2	90	18	1.04	6	<1	29
G226852		<10	<1	0.31	20	0.76	224	<1	<0.01	9	290	147	1.77	10	4	51

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EDMONTON AB T5S 1K7

Finalized Date: 26-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098630

Sample Description	Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1
G226821		<10	<20	<0.01	<10	<10	8	<10	91	
G226822		<10	<20	<0.01	<10	10	4	<10	92	
G226823		<10	<20	<0.01	<10	<10	3	<10	34	
G226824		<10	<20	<0.01	<10	<10	3	<10	59	
G226825		<10	20	<0.01	<10	10	2	<10	30	
G226826		<10	20	<0.01	<10	10	3	<10	37	
G226827		<10	<20	<0.01	<10	<10	5	<10	31	
G226828		<10	20	0.03	<10	<10	21	<10	35	
G226829		<10	<20	<0.01	<10	<10	16	<10	27	
G226830		<10	<20	0.04	<10	<10	40	<10	26	
G226831		<10	<20	<0.01	<10	<10	14	<10	52	
G226832		<10	<20	0.01	<10	<10	16	<10	38	
G226833		<10	<20	0.04	<10	<10	36	<10	27	
G226834		<10	<20	<0.01	<10	<10	21	<10	34	
G226835		<10	<20	<0.01	<10	<10	19	<10	121	
G226836		<10	<20	<0.01	<10	<10	8	<10	10	
G226837		<10	<20	0.01	<10	<10	19	<10	93	
G226838		<10	<20	<0.01	<10	<10	16	<10	43	
G226839		<10	<20	<0.01	<10	<10	29	10	1630	
G226840		<10	<20	<0.01	<10	<10	21	<10	903	
G226841		10	<20	<0.01	<10	<10	17	<10	1510	
G226842		<10	20	<0.01	<10	<10	3	<10	139	
G226843		<10	20	<0.01	<10	<10	1	40	23	
G226844		<10	<20	0.05	<10	<10	51	<10	47	
G226845		<10	20	<0.01	<10	<10	4	<10	54	
G226846		<10	<20	<0.01	<10	10	1	<10	52	
G226847		50	<20	<0.01	10	10	2	30	2510	
G226848		30	<20	<0.01	<10	10	1	10	1810	229
G226849		<10	20	<0.01	<10	<10	4	<10	308	
G226850		20	20	<0.01	<10	<10	2	<10	72	
G226851		<10	20	<0.01	<10	<10	1	<10	136	
G226852		10	20	0.01	<10	<10	18	<10	226	

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EDMONTON AB T5S 1K7

Finalized Date: 27-SEP-2009
This copy reported on 16-FEB-2010
Account: NOTIRE

CERTIFICATE VA09098632

Project: Sonora

P.O. No.:

This report is for 18 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-SEP-2009.

The following have access to data associated with this certificate:

GREG HAYES	DENNIS OUELLETTE	CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA09098632

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G226853		5.46	0.046	1.6	1.88	411	<10	70	1.0	8	2.51	2.6	13	45	79	2.48
G226854		5.74	0.038	2.7	1.31	87	<10	60	0.6	9	1.67	0.6	13	40	211	2.25
G226855		5.68	0.008	0.2	2.04	18	<10	50	0.6	<2	1.24	<0.5	13	51	48	2.80
G226856		6.34	0.152	0.5	1.31	27	<10	50	0.6	<2	2.70	<0.5	9	41	112	2.11
G226857		5.34	0.208	0.8	1.62	17	<10	40	0.7	4	4.29	<0.5	16	44	186	2.57
G226858		2.92	0.023	0.2	0.81	18	<10	30	0.7	<2	3.00	<0.5	11	29	74	1.92
G226859		3.34	0.056	0.2	0.88	21	<10	40	0.6	<2	1.85	<0.5	8	19	68	1.75
G226860		3.82	0.242	0.3	1.74	16	<10	60	0.7	<2	2.90	<0.5	12	55	123	2.14
G226861		3.12	0.108	0.5	1.35	27	<10	50	0.7	<2	2.13	<0.5	11	24	108	1.63
G226862		4.76	0.018	0.9	1.01	45	<10	20	0.5	6	2.92	<0.5	12	15	168	1.59
G226863		5.76	0.014	0.4	1.26	59	<10	40	0.6	2	2.32	0.5	9	16	108	1.73
G226864		6.06	0.012	<0.2	1.06	37	<10	20	<0.5	<2	1.71	<0.5	8	17	88	2.00
G226865		3.06	0.010	0.2	0.89	49	<10	30	0.5	<2	2.10	<0.5	8	10	121	2.12
G226866		3.02	0.041	0.4	0.92	169	<10	350	0.7	<2	3.14	<0.5	15	95	93	2.05
G226867		6.78	0.005	0.6	0.47	27	30	620	<0.5	<2	5.61	0.9	76	1180	7	3.82
G226868		3.18	<0.005	0.8	0.20	16	40	30	<0.5	2	2.24	1.3	87	464	2	5.46
G226869		5.14	<0.005	0.3	0.24	15	40	10	<0.5	<2	0.79	0.7	92	915	1	2.99
G226870		5.36	<0.005	0.3	0.23	19	30	<10	<0.5	<2	1.90	0.5	75	1090	3	2.87

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To: NORTHERN TIGER RESOURCES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Finalized Date: 27-SEP-2009
Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA09098632

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G226853		<10	<1	0.47	20	1.26	292	1	0.06	27	420	36	1.08	11	7	75
G226854		10	<1	0.45	20	0.89	179	1	0.04	30	320	25	0.97	4	5	50
G226855		10	<1	0.47	20	1.16	168	<1	0.12	27	540	3	0.96	<2	6	42
G226856		10	<1	0.25	30	1.01	241	1	0.07	20	470	9	0.90	4	5	61
G226857		10	<1	0.27	10	1.32	324	1	0.09	24	650	7	1.15	<2	6	96
G226858		<10	<1	0.18	20	0.89	279	1	0.05	24	370	4	0.68	<2	6	102
G226859		<10	<1	0.18	40	0.60	208	1	0.05	7	280	9	0.78	<2	4	40
G226860		10	<1	0.41	20	1.38	329	1	0.08	26	510	3	0.75	3	6	65
G226861		10	<1	0.16	20	1.40	200	2	0.08	11	720	2	0.59	<2	6	56
G226862		<10	<1	0.12	20	1.00	237	1	0.03	8	660	4	0.81	2	5	80
G226863		10	<1	0.19	20	0.91	151	1	0.06	5	680	3	0.88	5	4	61
G226864		10	<1	0.10	20	0.94	151	<1	0.04	6	670	<2	0.98	3	4	47
G226865		<10	<1	0.14	20	0.84	163	1	0.02	9	680	3	0.94	2	5	89
G226866		<10	<1	0.18	10	1.66	263	1	0.01	120	550	8	0.86	5	7	84
G226867		<10	<1	0.03	<10	13.90	902	<1	0.01	870	30	38	0.61	<2	4	409
G226868		<10	<1	0.01	<10	16.05	1225	<1	<0.01	757	10	37	0.05	<2	6	335
G226869		<10	<1	<0.01	<10	19.45	775	<1	<0.01	1295	30	23	0.06	<2	3	44
G226870		<10	<1	<0.01	<10	14.85	1005	<1	<0.01	959	10	25	0.12	<2	4	91

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
G226853		<10	<20	0.02	<10	<10	31	<10	170
G226854		<10	20	0.02	<10	<10	26	<10	82
G226855		<10	<20	0.07	<10	<10	49	<10	22
G226856		<10	<20	0.07	<10	<10	31	<10	27
G226857		<10	<20	0.11	<10	<10	40	<10	33
G226858		<10	<20	0.02	<10	<10	25	<10	28
G226859		<10	20	0.02	<10	<10	16	<10	27
G226860		<10	<20	0.10	<10	<10	49	10	31
G226861		<10	<20	0.03	<10	<10	55	<10	23
G226862		<10	<20	<0.01	<10	<10	36	<10	21
G226863		<10	<20	0.01	<10	<10	40	<10	40
G226864		<10	<20	<0.01	<10	<10	40	<10	16
G226865		<10	<20	<0.01	<10	<10	26	<10	30
G226866		<10	<20	<0.01	<10	<10	22	<10	31
G226867		<10	<20	0.01	<10	<10	16	<10	106
G226868		<10	<20	0.01	<10	<10	16	<10	96
G226869		<10	<20	0.01	<10	<10	8	<10	78
G226870		<10	<20	0.01	<10	<10	11	<10	54