

**TERRA VENTURES INC.  
NOVUS GOLD CORP.**

**DOROTHEA PROPERTY  
BEARDMORE-GERALDTON AREA  
NORTHWEST ONTARIO**

**REPORT ON 2010 EXPLORATION**

***HIGHLIGHTS OF THE PROGRAM:***

- (1) New discovery of polymetallic Silver-copper-gold-antimony mineralization*
- (2) Widespread disseminated Au-Cu-Mo mineralization, with possible gold-enriched zone*
- (3) High grade gold stringer zone extended over 100 metre length*

**- by -**

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**November 2010**

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**INTRODUCTION**

This report describes the results of a short program of prospecting, stripping, trenching and sampling carried out in 2010 on the Dorothea property north of Beardmore, Ontario. The program resulted in the discovery of polymetallic silver-gold-copper-antimony mineralization (conductor A) as well as the definition of extensive low-grade disseminated copper-gold-molybdenum mineralization (Cu-Mo Zone). Also, the Hillside Gold Zone, originally discovered in 1995, was opened up and sampled over a length of over 75 metres.

**PROPERTY, LOCATION AND ACCESS**

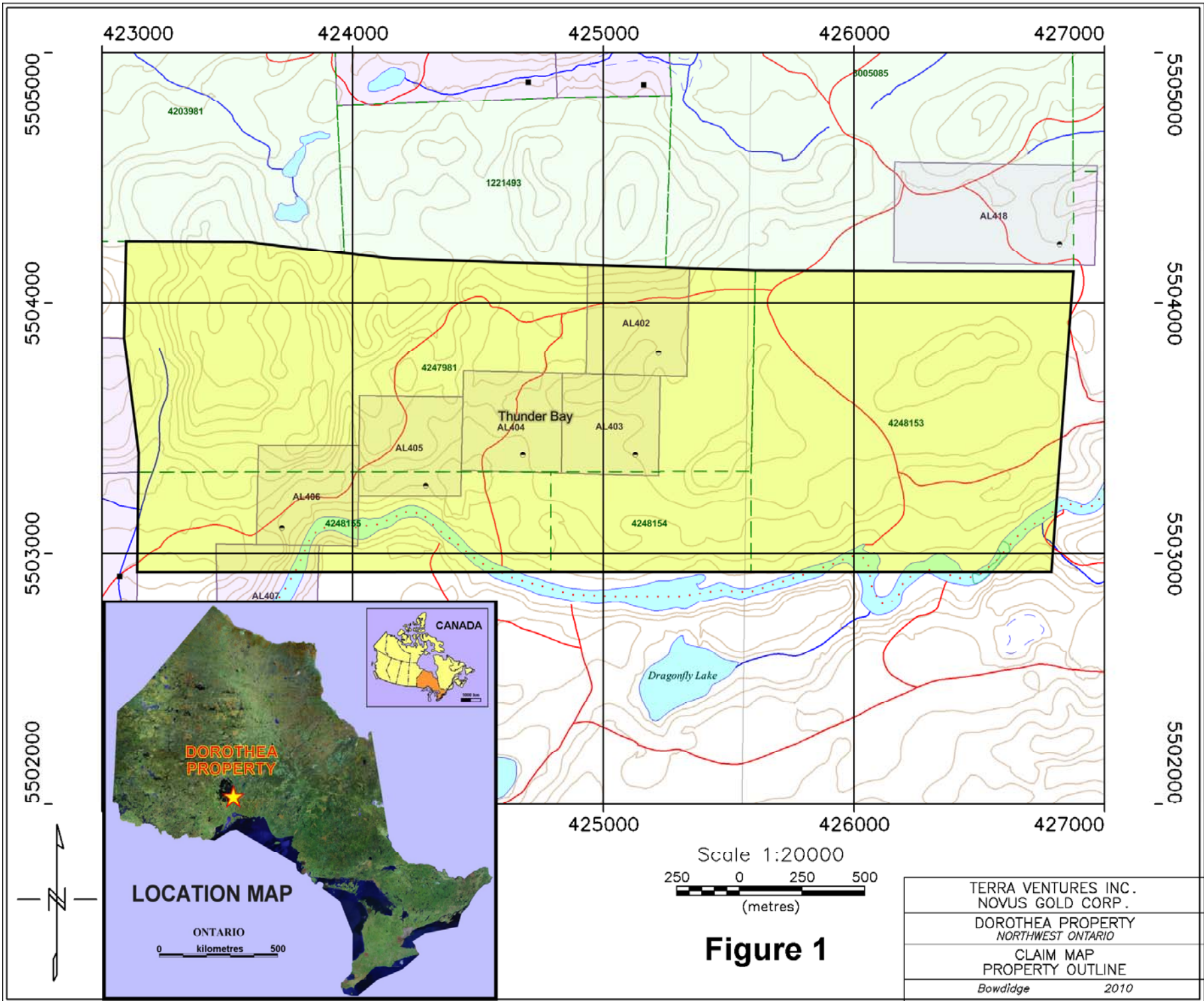
The property consists of four claims totaling 29 units (approximately 464 hectares) in Dorothea and Sandra townships. Limits are approximately from 88°01'52" to 88°03'58" west and from 49°40'27" to 49°41'09" north (WGS84). Table 1 gives claim details and figure 1 shows the property outline and location.

TABLE 1: CLAIM DETAILS								
Claim	No. of	Township	Recording	Expiry	Percent	Work	Work	Work
4247981	14	Dorothea	2010-03-04	2012-03-04	100%	\$5,600	\$0	\$0
4248154	2	Dorothea	2010-07-09	2012-07-09	100%	\$800	\$0	\$0
4248155	4	Dorothea	2010-07-09	2012-07-09	100%	\$1,600	\$0	\$0
4248153	9	Sandra	2010-07-09	2012-07-09	100%	\$3,600	\$0	\$0

Part of the property coincides with six "AL" patented mining claims, which now comprise surface rights only. These are old patented mining claims that were originally acquired for their iron ore potential in the early 20<sup>th</sup> century. Any exploration carried out on these patents will require notification of the surface rights owners. The 2010 exploration program did not cover any of the surface patents.

The property is located approximately 10 kilometres northwest of the town of Beardmore, at the west end of the Beardmore-Geraldton greenstone belt. Access from Beardmore, which is on Highway 11, the northern Trans-Canada Highway route, is via highway 580, which runs west from Beardmore, then north on the "Camp 72" road to the bridge across the Namewaminikan (Sturgeon) River. A rough road suitable for pickup trucks runs west from this bridge and crosses the property.

The Dorothea property is held by Novus Gold Inc. under option from Frank Houghton. Terra Ventures Inc. has an option to earn a 60% interest in the property by spending \$400,000 on exploration over four years and taking over option payments to Houghton, who retains a 2% net smelter returns royalty.



**Figure 1**

TERRA VENTURES INC. NOVUS GOLD CORP.	
DOROTHEA PROPERTY NORTHWEST ONTARIO	
CLAIM MAP PROPERTY OUTLINE	
<i>Bowdidge</i>	2010

## **HISTORY AND PREVIOUS WORK**

The earliest exploration on the property was at the beginning of the 20<sup>th</sup> century, when a zone of iron formation was discovered (Coleman, 1907, Coleman & Moore, 1908). The mineral rights were tied up in the “AL” patents, and little or no work appears to have been done since then. The mineral rights to those patented claims lapsed only relatively recently. Although the association between iron formations and gold mineralization is well known in the Superior province, no attempt appears to have been made to prospect for gold along this iron formation band.

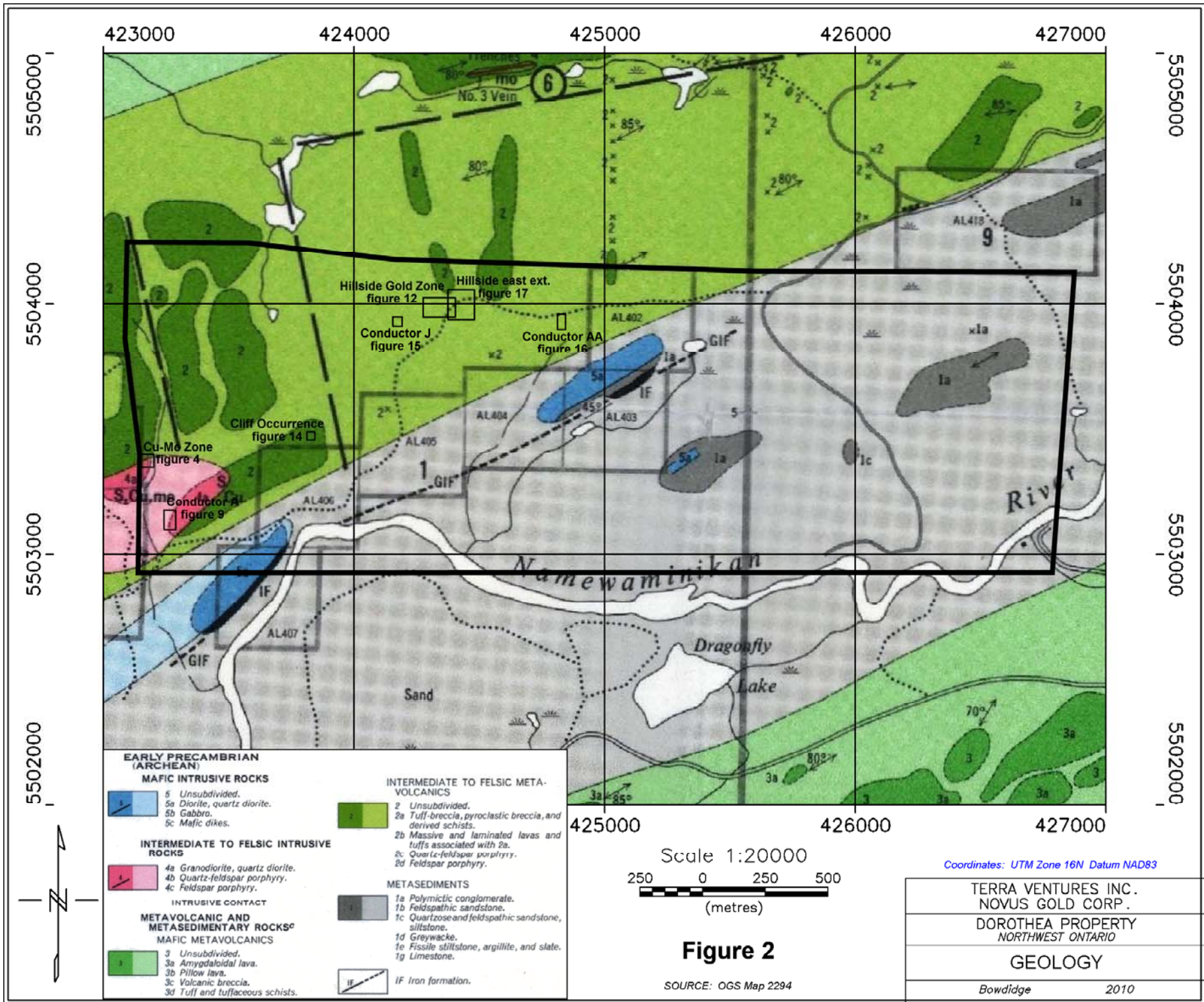
Immediately to the west of the Dorothea property is a group of leased claims that were originally acquired by Percy Hopkins, probably in the 1930s. They are the site of a small, high grade gold zone that has seen sporadic work over the years. Much of the work on the Dorothea property has been part of programs whose centrepiece was the Hopkins claims.

In 1971, Gunnex Ltd carried out a program of geological mapping, magnetic and VLF surveys, and soil geochemical surveys over the Hopkins claims and most of the area of the Dorothea property. The focus of this exploration was disseminated copper-molybdenum mineralization in a granodiorite intrusive (Walker et al., 1971). Although the mineralization was found to be extensive, no economic grades were located.

In 1988, Glen Auden Resources Ltd carried out geological mapping, IP surveys and a program of diamond drilling comprising eight holes on a large property including the Hopkins claims, the western part of the present Dorothea property, and an area to the north (Bent, 1989). Six of the drill holes were put down on the gold zone on the Hopkins claims, and one (hole 7) was apparently on the Dorothea property. The last drill hole (no. 8) was drilled to the north of the Dorothea property. The location of hole 7 is in doubt. The map by Bent (1989) shows hole 7 to be on the present Dorothea property, about 200 metres east of the Cu-Mo zone (see figure 3). However, Lassila (1994) located a helicopter pad about 200 metre further north, which was believed to be the drill hole location. Also the 1997 IP survey (Lassila, 1998) located an IP chargeability anomaly at approximately the same location.

Glen Auden drill hole 7 intersected a wide zone of disseminated pyrrhotite in mafic volcanics, which was assumed to explain the IP anomaly. This sulphide zone did not contain any significant gold. However, the hole also cut a 1.37 metre quartz-carbonate vein with heavy arsenopyrite that averaged 1.33 g/T Au.

In 1994, Frank Houghton and Pentti Lassila carried out an OPAP-funded program of prospecting and bulldozer stripping on the Dorothea property (Lassila, 1994). This work resulted in the discovery of the Hillside gold zone, with assays up to 40.45 g/T Au. A series of lower grade gold occurrences were also located between 300 and 600 metres east-northeast of the Hillside zone and approximately on strike with it.



Houghton and Lassila continued their exploration of the property in 1995 and 1996 (Lassila 1995, 1996), with additional prospecting and sampling as well as mapping and VLF-EM surveys. The Hillside gold zone remained the most economically interesting occurrence on the property.

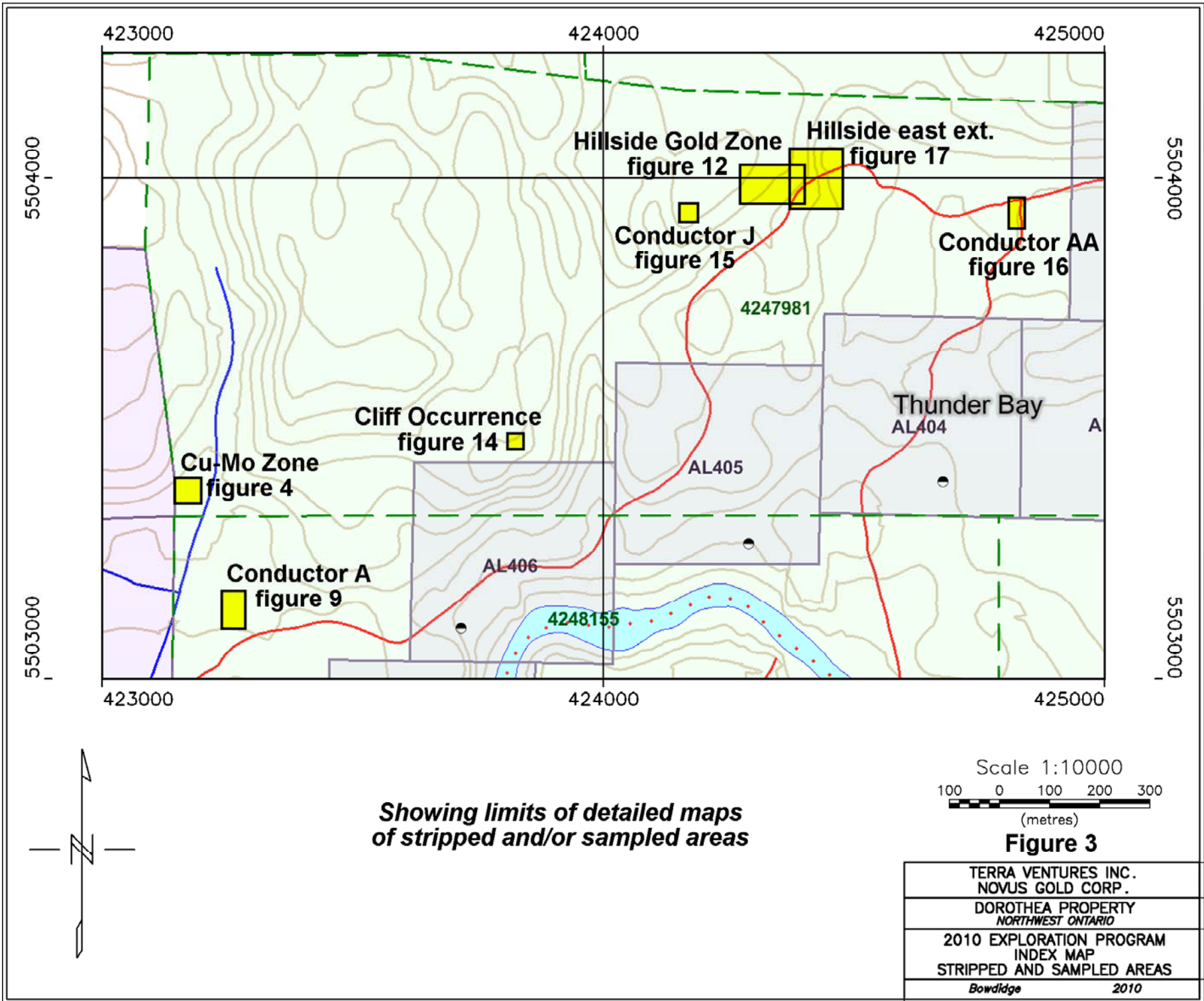
In 1997, Poplar Point Explorations Ltd carried out line cutting and magnetic, VLF-EM and IP surveys over the Dorothea property (Lassila, 1998). These surveys were not followed up, and the property remained idle until 2010, when Frank Houghton restaked it.

## **GEOLOGY**

Dorothea Township lies within the Archean-age Superior province of the Canadian Shield. The relevant tectonic subdivision of the Superior province was previously known as the Wabigoon subprovince; however the structural domains within the Superior province have been reclassified by Stott et al. (2008). The property now lies within the Marmion Terrane. The southern part of this terrane is occupied by the Beardmore-Geraldton greenstone belt, which extends from Lake Nipigon to east of Longlac

The geology of Dorothea Township has been mapped by Mackasey (1975), and an extract of his map is reproduced as figure 2. The southeastern part of the property is underlain by clastic metasedimentary rocks, with a band of chert-magnetite iron formation and two small bodies of intrusive gabbro. The northwestern part of the property is underlain mostly by intermediate to felsic metavolcanics, mostly andesitic to dacitic flows. In the southwestern corner of the property, and extending westwards onto the Hopkins claims, is a small body of granodiorite with associated copper-molybdenum occurrences.

The geology of most of the Dorothea property has been mapped by Walker et al. 1971), Bent (1989) and Lassila (1996). Their maps all show the same gross distribution of lithologies as Mackasey (1975). Observations by the writer confirm this, with the exception that the granodiorite intrusion extends further to the east than previously recognized, at least as far as the Cliff occurrence.



**Showing limits of detailed maps  
of stripped and/or sampled areas**

Scale 1:10000  
 100 0 100 200 300  
 (metres)

**Figure 3**

TERRA VENTURES INC. NOVUS GOLD CORP.	
DOROTHEA PROPERTY NORTHWEST ONTARIO	
2010 EXPLORATION PROGRAM INDEX MAP STRIPPED AND SAMPLED AREAS	
<i>Bowdidge</i>	2010



## **2010 EXPLORATION PROGRAM**

The 2010 exploration program comprised power stripping with an excavator of selected targets from previous programs. Three VLF conductors defined by the 1997 surveys (conductors A, AA and J) were opened up, as well as the Hillside gold zone. Two long cross-trenches were dug to look for an easterly extension of the Hillside zone. In addition, an area of ankerite alteration noted during 1997 prospecting was opened up and found to contain widespread disseminated chalcopyrite and molybdenite (referred to as the Cu-Mo Zone). Another area of copper-molybdenum (the Cliff occurrence) mineralization was located because it contained quartz veins that outcropped in a prominent cliff, and were visible from the access trail. This occurrence was sampled but not stripped, as the natural outcrop was adequate for identification and sampling of the mineralization. Stripping was carried out by F&M Contracting of Beardmore. The work was supervised by Frank Houghton, who also provided the crew for washing and channel sampling of stripped areas.

The results of each stripped and/or sampled area are presented on a detailed plan at a scale of 1:250 (1:500 for the Hillside East Extension - figure 17). Figures 2 and 3 show the limits of each detailed plan. Summaries of the relevant assay data are shown on the detailed plans and in table form in the following paragraphs. Appendix 1 presents assay certificates.

### **Cu-Mo ZONE**

This zone was stripped over a triangular area measuring 40 metres from east to west and 37 metres from north to south (figure 4). The zone consists of granodiorite with heavy ankeritic alteration, shot through with multiple quartz stringers in many different directions (only the widest quartz veins are shown on fig. 4). There is an inclusion of cherty (silicified?) felsic volcanics near the western edge of the stripped area. A zone of hematitic alteration, 2 to 3 metres in width, runs across the northern part of the stripped area. To the north of this more altered zone, east-striking quartz veins become more prominent, and scattered higher gold values are present in this area.

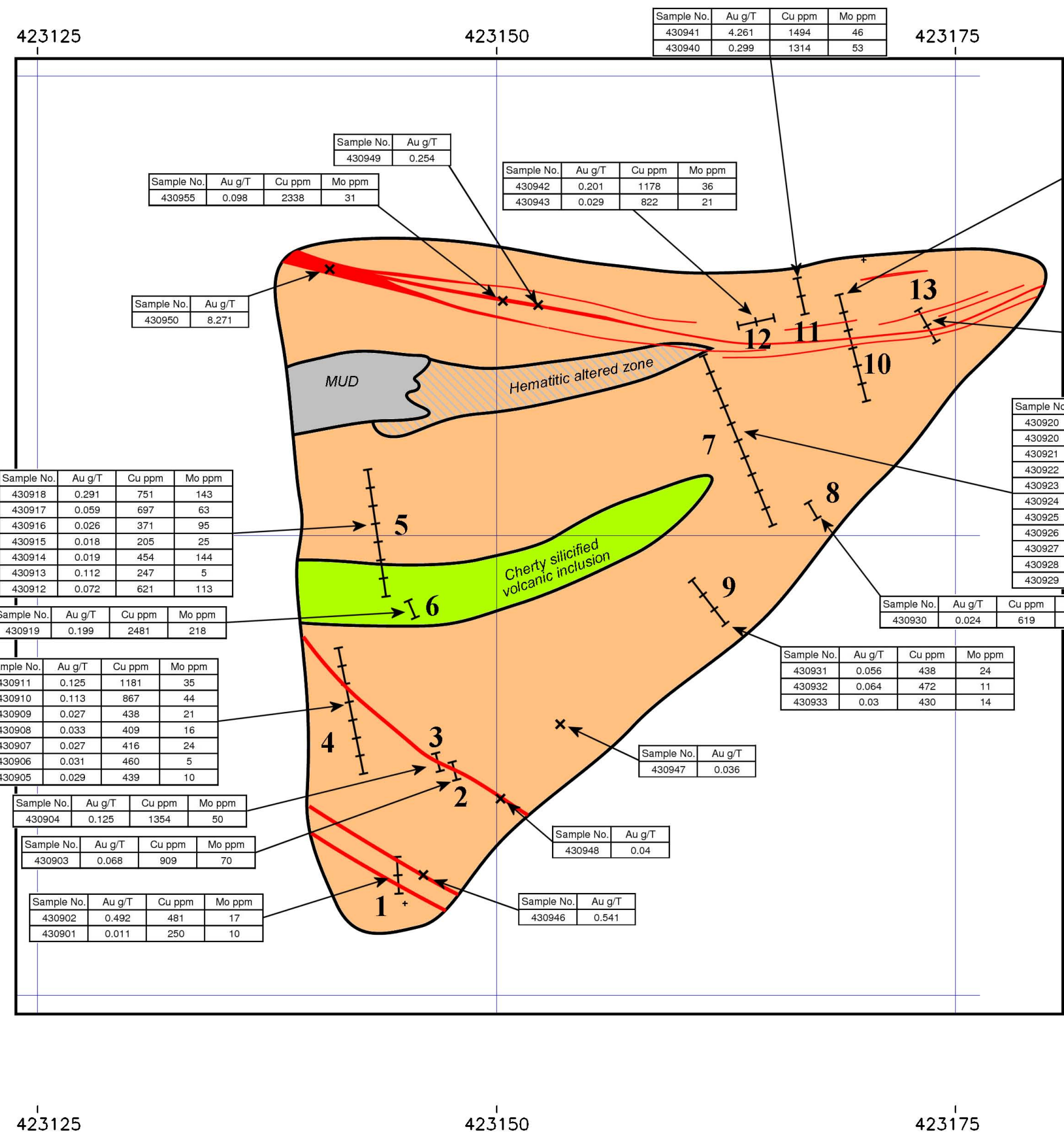
Chalcopyrite, pyrite and molybdenite occur throughout the stripped area. The sulphides are not uniformly disseminated, but are concentrated on fracture planes and joint surfaces.

Figure 5 shows a view of the whole stripped area. Figure 6 illustrates the pervasive ankeritic alteration, which forms the characteristic "rind" on weathered surfaces and joint planes. Figure 7 shows the multiple quartz stringers and veinlets, and figure 8 illustrates the hematitic alteration zone.

5503400

5503375

5503350



Sample No.	Au g/T	Cu ppm	Mo ppm
430941	4.261	1494	46
430940	0.299	1314	53

Sample No.	Au g/T
430949	0.254

Sample No.	Au g/T	Cu ppm	Mo ppm
430955	0.098	2338	31

Sample No.	Au g/T	Cu ppm	Mo ppm
430942	0.201	1178	36
430943	0.029	822	21

Sample No.	Au g/T	Cu ppm	Mo ppm
430939	0.114	212	8
430938	0.031	172	11
430937	0.05	169	18
430936	0.02	334	37
430934	0.148	710	25
430935	0.023	397	21

Sample No.	Au g/T	Cu ppm	Mo ppm
430945	0.017	580	14
430944	0.018	468	23

Sample No.	Au g/T	Cu ppm	Mo ppm
430920	0.033	586	58
430920	0.032	575	56
430921	0.048	652	9
430922	0.03	724	18
430923	0.06	827	52
430924	0.067	1073	39
430925	0.038	756	14
430926	0.034	736	12
430927	0.058	623	103
430928	0.114	854	11
430929	0.023	442	282

Sample No.	Au g/T	Cu ppm	Mo ppm
430930	0.024	619	55

Sample No.	Au g/T	Cu ppm	Mo ppm
430931	0.056	438	24
430932	0.064	472	11
430933	0.03	430	14

Sample No.	Au g/T
430947	0.036

Sample No.	Au g/T
430948	0.04

Sample No.	Au g/T
430946	0.541

Sample No.	Au g/T	Cu ppm	Mo ppm
430918	0.291	751	143
430917	0.059	697	63
430916	0.026	371	95
430915	0.018	205	25
430914	0.019	454	144
430913	0.112	247	5
430912	0.072	621	113

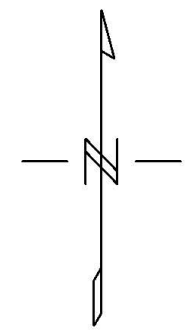
Sample No.	Au g/T	Cu ppm	Mo ppm
430919	0.199	2481	218

Sample No.	Au g/T	Cu ppm	Mo ppm
430911	0.125	1181	35
430910	0.113	867	44
430909	0.027	438	21
430908	0.033	409	16
430907	0.027	416	24
430906	0.031	460	5
430905	0.029	439	10

Sample No.	Au g/T	Cu ppm	Mo ppm
430904	0.125	1354	50

Sample No.	Au g/T	Cu ppm	Mo ppm
430903	0.068	909	70

Sample No.	Au g/T	Cu ppm	Mo ppm
430902	0.492	481	17
430901	0.011	250	10

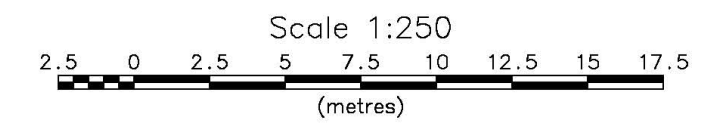


# LEGEND

- Granodiorite**
- Felsic metavolcanics**

- Channel samples (all channels are 1.00 metres long)**
- 3** **Channel number**
- x** **Grab sample**

## Figure 4



Coordinates: UTM, Datum: NAD83, Zone: 16N

TERRA VENTURES INC. NOVUS GOLD CORP.	
DOROTHEA PROJECT NORTHWEST ONTARIO	
Cu-Mo ZONE STRIPPING AND SAMPLING MAP	
Bowdidge	2010

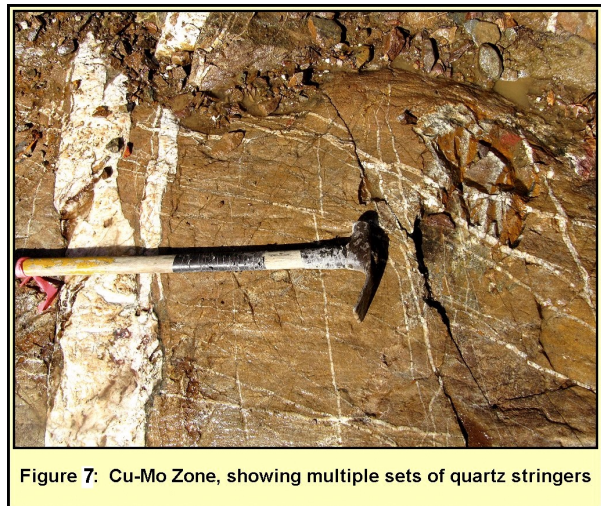
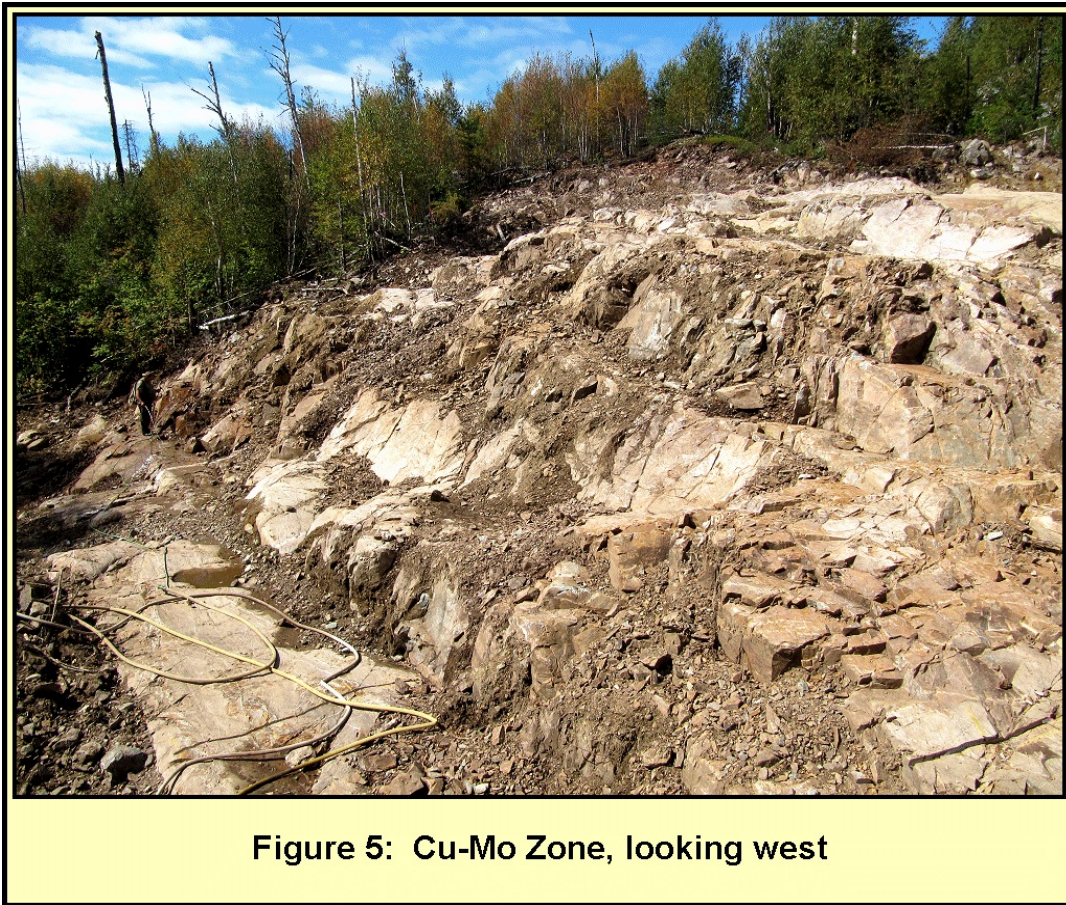
423125

423150

423175

5503350

5503400



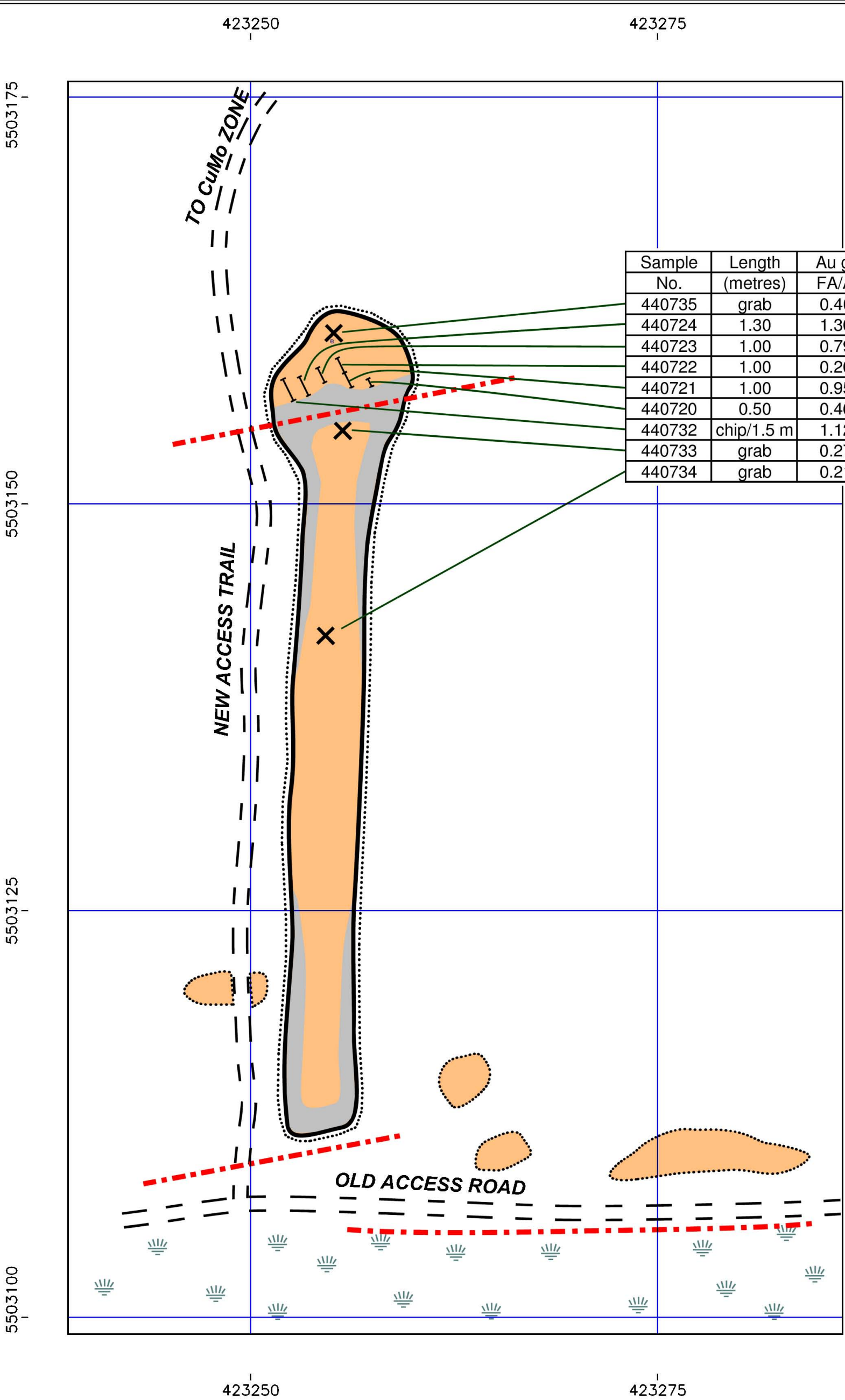
Forty-six channel samples were taken from the Cu-Mo zone in thirteen separate channels. Each sample was 1 metre long from a saw-cut about 3 cm wide and 5 cm deep. Table 2 summarizes the assay results of the channels, and six grab samples that were also collected.



Figure 8: Cu-Mo Zone, showing multiple sets of quartz stringers and hematitic alteration






The average assays of all 46 channel samples is: 0.17 g/T Au, 667 ppm Cu and 47 ppm Mo. These values are clearly sub-economic. However, the zone is open in all directions, and the two highest gold assays (4.26 and 8.27 g/T) come from the northern edge of the stripped area, where there is a concentration of WNW-ESE trending quartz veins and stringers. The stripping should be extended to the north to test for the possibility of a gold-enriched sector in that direction.

TABLE 2: Cu-Mo ZONE - CHANNEL AND GRAB SAMPLE ANALYSES (all channel samples are 1 metre long)									
Channel No.	Sample No.	Au g/T	Cu ppm	Mo ppm	Channel No.	Sample No.	Au g/T	Cu ppm	Mo ppm
1	430901	0.011	250	10	7	430926	0.034	736	12
1	430902	0.492	481	17	7	430927	0.058	623	103
2	430903	0.068	909	70	7	430928	0.114	854	11
3	430904	0.125	1354	50	7	430929	0.023	442	282
4	430905	0.029	439	10	8	430930	0.024	619	55
4	430906	0.031	460	5	9	430931	0.056	438	24
4	430907	0.027	416	24	9	430932	0.064	472	11
4	430908	0.033	409	16	9	430933	0.03	430	14
4	430909	0.027	438	21	10	430934	0.148	710	25
4	430910	0.113	867	44	10	430935	0.023	397	21
4	430911	0.125	1181	35	10	430936	0.02	334	37
5	430912	0.072	621	113	10	430937	0.05	169	18
5	430913	0.112	247	5	10	430938	0.031	172	11
5	430914	0.019	454	144	10	430939	0.114	212	8
5	430915	0.018	205	25	11	430940	0.299	1314	53
5	430916	0.026	371	95	11	430941	4.261	1494	46
5	430917	0.059	697	63	12	430942	0.201	1178	36
5	430918	0.291	751	143	12	430943	0.029	822	21
6	430919	0.199	2481	218	13	430944	0.018	468	23
7	430920	0.033	586	58	13	430945	0.017	580	14
7	430920	0.032	575	56	grab	430946	0.541		
7	430921	0.048	652	9	grab	430947	0.036		
7	430922	0.03	724	18	grab	430948	0.04		
7	430923	0.06	827	52	grab	430949	0.254		
7	430924	0.067	1073	39	grab	430950	8.271		
7	430925	0.038	756	14	grab	430955	0.098	2338	31

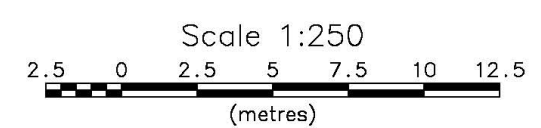


Sample No.	Length (metres)	Au g/T FA/AA	Ag g/T ICP	Ag g/T AA	Ag g/T FA grav	Cu ppm ICP	Sb ppm ICP
440735	grab	0.405	NA	NA	NA	NA	NA
440724	1.30	1.307	816	196.69	697	2.15%	2015
440723	1.00	0.790	332	160.90	275	1023	286
440722	1.00	0.201	29	54.60	1	156	56
440721	1.00	0.957	353	256.00	260	651	429
440720	0.50	0.467	8	66.10	<1	204	33
440732	chip/1.5 m	1.120	NA	NA	NA	NA	NA
440733	grab	0.278	NA	NA	NA	NA	NA
440734	grab	0.213	NA	NA	NA	NA	NA

## LEGEND

-  Granodiorite
-  Overburden
-  VLF conductor (located with EM-16)
-  Channel sample
-  Grab sample

### Figure 9



Coordinates: UTM Zone: 16N Datum: NAD83

TERRA VENTURES INC.  
NOVUS GOLD CORP.

DOROTHEA PROPERTY  
NORTHWEST ONTARIO

CONDUCTOR A  
(MALACHITE CONDUCTOR)  
STRIPPING AND SAMPLING MAP

Bowdidge 2010

### CONDUCTOR A (“MALACHITE ZONE”)

A 50 metre long trench was excavated over conductor A (see figure 9). The conductor was located using a hand-held EM-16 VLF receiver. A second, much stronger, conductor to the south was not trenched; it appears to be caused by the edge of a swamp.



Figure 10: Conductor A, malachite and azurite

The actual conductor axis was not exposed as the overburden is very deep over the conductor axis, with a rapid influx of water. All the rocks exposed in the trench are granodiorite with varying degrees of ankerite alteration. Disseminated pyrite is present for 25 metres from the north end of the trench, and three grab samples of this pyritic granodiorite returned anomalous gold values, from 0.2 to 0.4 g/T Au. Along the north side of the deepest part of the trench where the conductor is concealed, a mineralized zone is exposed with intense ankerite alteration, silicification and quartz veining, and disseminated to locally

massive sulphides - chalcopyrite, pyrite and a dark grey mineral believed to be stibnite. Oxidation has developed quite spectacular crusts of malachite and azurite on fracture surfaces. Figures 10 and 11 illustrate this mineralization.

Channel samples of this mineralized zone returned significant values in copper, gold and especially silver. Silver was analysed using ICP in the original multi-element analysis, and repeated, first using atomic absorption spectroscopy (AA) and finally using a 50-gram gravimetric fire assay. The results are tabulated in table 3. The extreme variability of the silver assays suggests that the silver is heterogeneously distributed in the rock, possibly as native silver, leading to erratic assays due to the “nugget effect”.

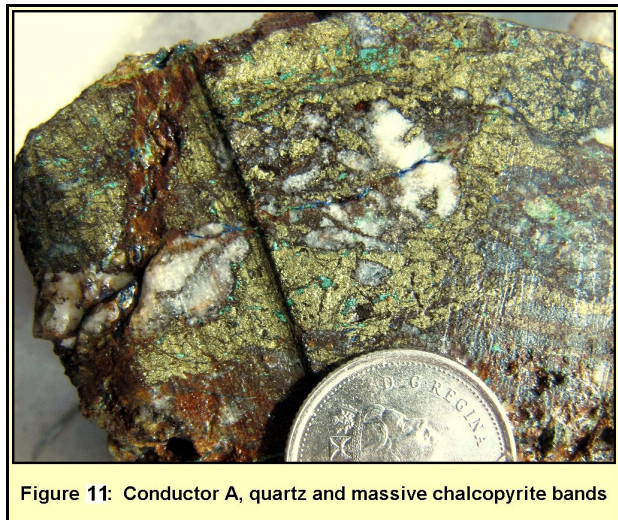


Figure 11: Conductor A, quartz and massive chalcopyrite bands

The most westerly channel sample, with assays of **1.31 g/T Au, 2.15% Cu and 570 g/T Ag** (average of the three analytical methods) **over 1.30 metres** is extremely significant, especially as it occurs at the edge of the conductor, whose full width is not exposed. Testing the full width of this **newly discovered, high grade, polymetallic mineralized zone** by diamond

drilling will be a high priority. The discovery of this zone is the highlight of the 2010 exploration program. It was unexpected and appears to represent a new style of mineralization that has not been previously reported from the area.

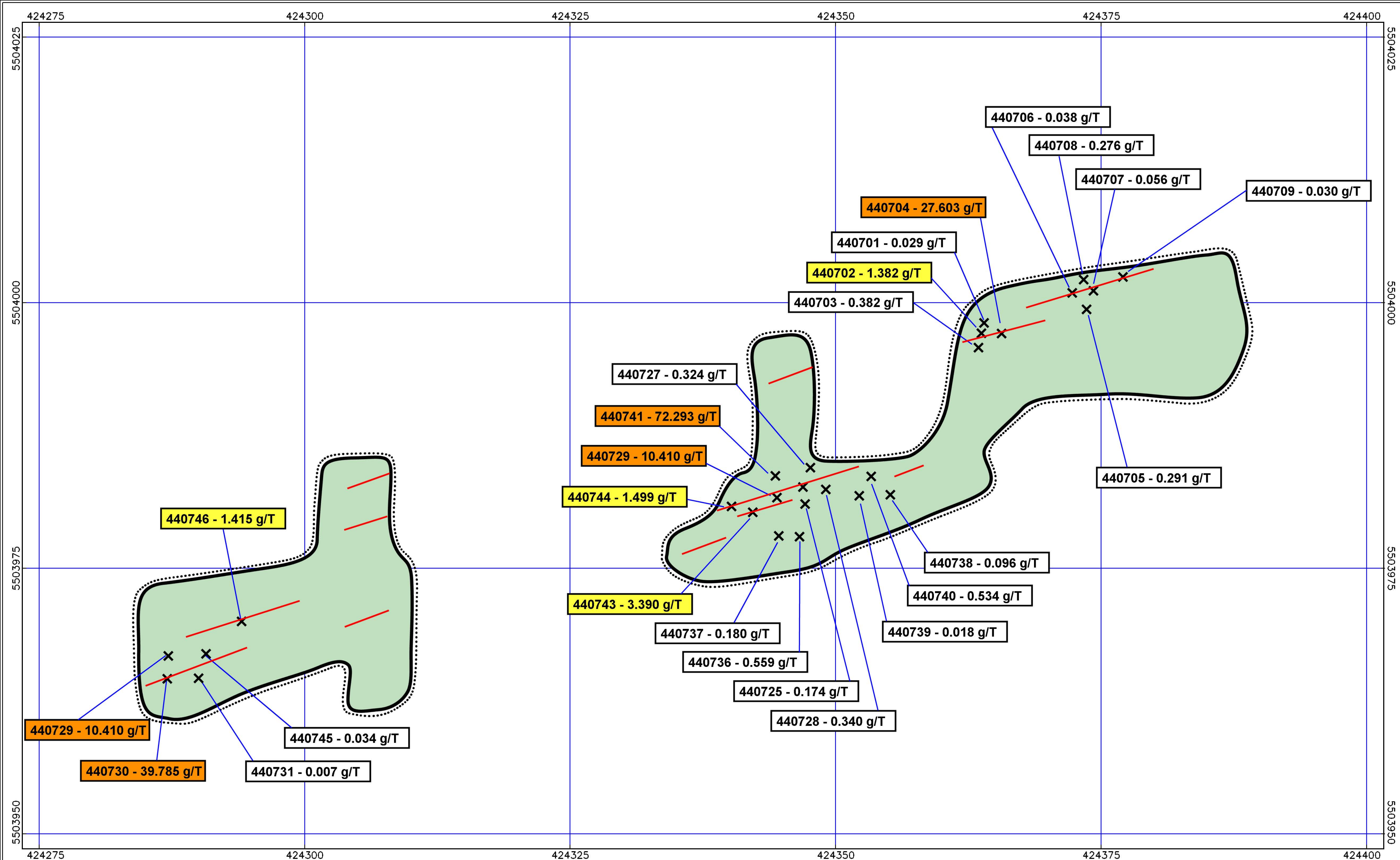
Sample No.	Length	Au g/T	Ag g/T	Ag g/T	Ag g/T	Cu ppm	Sb ppm
	(metres)	FA/AA	ICP	AA	FA grav	ICP	ICP
440735	grab	0.405	NA	NA	NA	NA	NA
440724	1.30	1.307	816	196.69	697	2.15%	2015
440723	1.00	0.790	332	160.90	275	1023	286
440722	1.00	0.201	29	54.60	1	156	56
440721	1.00	0.957	353	256.00	260	651	429
440720	0.50	0.467	8	66.10	<1	204	33
440732	chip/1.5 m	1.120	NA	NA	NA	NA	NA
440733	grab	0.278	NA	NA	NA	NA	NA
440734	grab	0.213	NA	NA	NA	NA	NA

FA = fire assay, AA = atomic absorption, ICP = inductively coupled plasma spectroscopy,  
NA = not analysed

### HILLSIDE GOLD ZONE

Gold was first discovered at this location in 1994 (Lassila, 1994), in quartz veins in rubble. Trenching at that time with a bulldozer did not succeed in locating solid bedrock *in situ*. In the 2010 program, a backhoe was used and it still did not expose fully solid bedrock, although it appears in places to be almost undisturbed. Figure 12 is a plan showing the stripped area. It consists of massive to locally schistose or sheared andesitic lava, heavily fractured, with local patches of disseminated pyrite. Quartz veins form 1 to 2 percent of the total rock mass. No quartz vein is exposed *in situ*, so it is not possible to estimate the width of the veins; however many loose pieces of quartz comprise the full width of the vein, with wall rock on both sides. These veins vary from 2 cm to 15 cm in width.

The veins are composed of white to grey glassy quartz with minor pyrite. Dark "ribbons" of partially digested wall rock are often present, indicating multiple vein openings. Despite the high gold contents of some samples, visible gold is rare. Figure 13 shows one small speck of gold. Table 4 gives brief descriptions and assays of the 27 samples that were collected from the stripped area over a strike length of 100 metres.



### LEGEND



Stripped area - intermediate metavolcanics



Quartz vein

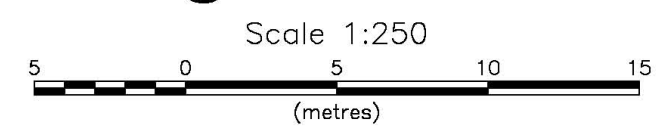


Sample location (in situ and/or loose rubble)



Sample number, gold assay in g/T  
 yellow = 1 to 10 g/T Au  
 orange = >10 g/T Au

**Figure 12**



Coordinates - UTM, Zone 16, NAD83 datum

TERRA VENTURES INC. NOVUS GOLD CORP.	
DOROTHEA PROPERTY NORTHWEST ONTARIO	
HILLSIDE GOLD ZONE STRIPPING AND SAMPLING MAP	
Bowdidge	2010

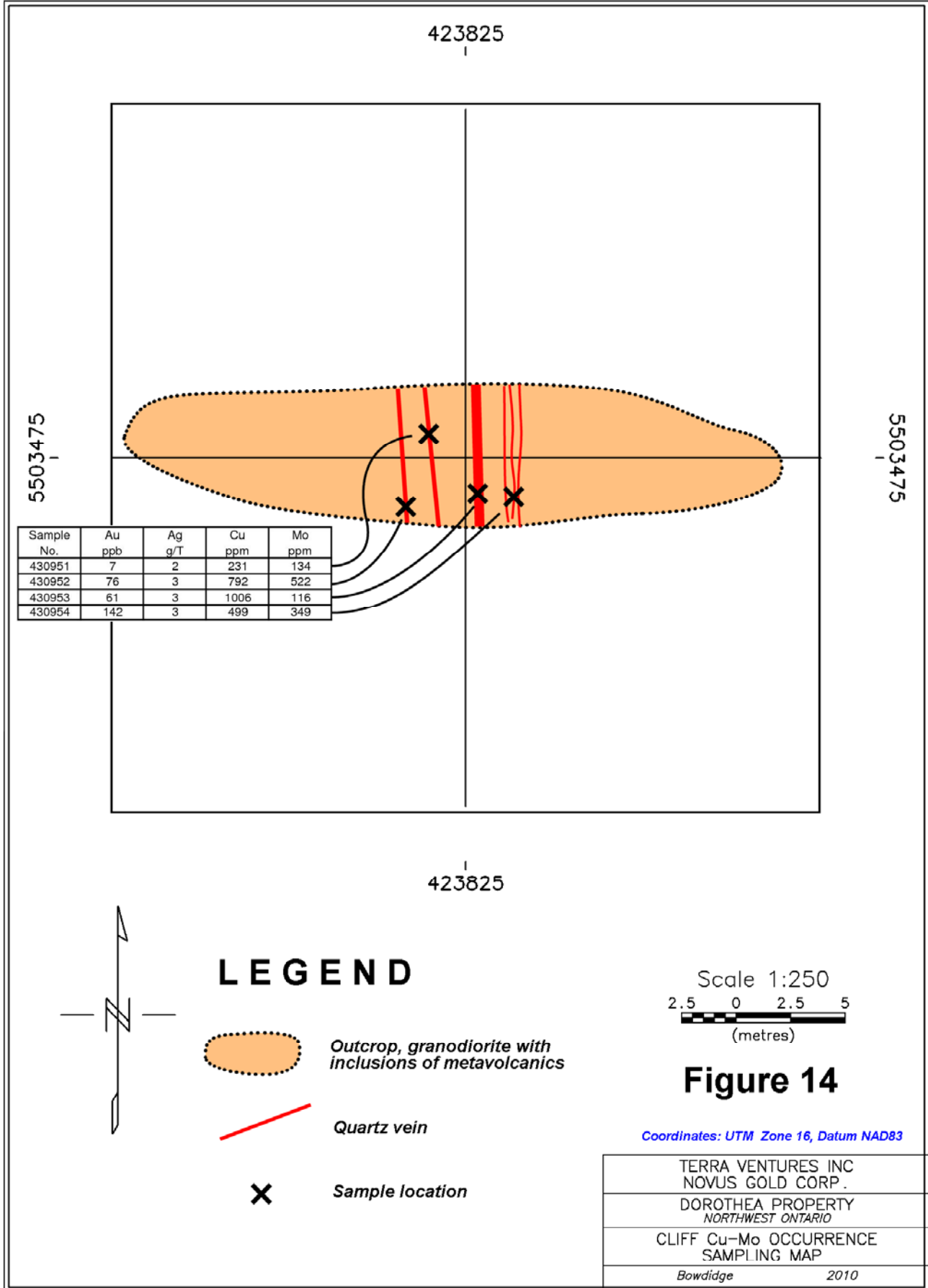


TABLE 4: HILLSIDE GOLD ZONE - SAMPLE DESCRIPTIONS AND ASSAYS		
Sample No.	Description	Au ppb
440701	Chip over 60 cm, rusty sheared mafic volc., minor py	27
440702	Chip over 60 cm, rusty sheared mafic volc., 2% py	1386
440703	Chip over 25 cm, rusty sheared mafic volc, 8 cm quartz vein with minor py	382
440704	7 cm grey quartz vein, 2% py, minor cpy	27603
440705	Chip over 30 cm, rusty dark mafic volc, 2% py	291
440706	Chip over 30 cm, silicified mafic volcanic, 1% py, 2% apy	38
440707	Chip over 30 cm, silicified mafic volcanic, 5% py, 2% apy	56
440708	8 cm quartz vein, 3% py, minor cpy	276
440709	6 cm quartz vein plus 6 cm mafic volcanic, sheared, micaceous	30
440725	7 cm quartz vein in rubble, 5% py	174
440726	10 cm glassy quartz vein, py seams in fractures	270
440727	rusty mafic volcanic with 5 cm quartz vein, 5% py in fractures	324
440728	4 cm white quartz vein, minor py	340
440729	5 cm white quartz vein with 10% py plus 10 cm rusty volcanics with 5% py	10410
440730	Chip over 30 cm, 2 cm quartz vein + 28 cm rusty shear with 10% py	39785
440731	3 cm white glassy quartz vein, <1% py	7
440736	15 cm grey glassy quartz vein in rubble, 1% py, trace cpy	559
440737	10 cm grey quartz vein in rubble, 3% py	180
440738	5 cm white quartz vein in rubble with 3% py	96
440739	5 cm white quartz vein in situ, 1% py	18
440740	8 cm quartz vein, minor py	534
440741	3 cm white quartz vein with 10% py plus 10 cm rusty volcanic	72293
440742	10 cm white quartz vein with 10% py & 1% cpy	45719
440743	5 cm white quartz vein with 3% py plus 10 cm volcanics	3390
440744	15 cm chip, grey quartz plus silicified volcanic	1499
440745	2 cm white quartz vein, no sulphides.	34
440746	30 cm chip, rusty volcanics with 5% py plus quartz stringers	1415

The gold-bearing quartz veins at the Hillside Zone appear to form a zone about 10 metres in width. It is not possible to estimate the average grade across this loosely defined zone from the limited sampling data. Only diamond drilling will give an indication of the full width and average grade of the zone. Because of the high grades in some samples, it is likely that several drill holes would be necessary to give a reliable estimate of grade.



Figure 13: Hillside gold zone, rare visible gold in quartz vein



**CLIFF Cu-Mo OCCURRENCE**

This occurrence is on a prominent south-facing cliff and is visible from the access trail. It was prospected and sampled without using an excavator because the natural outcrop is excellent. Figure 14 shows the sampling and Table 5 gives a summary of analytical data.

Sample No.	Description	Au ppb	Ag g/T	Cu ppm	Mo ppm
430951	10 cm quartz vein, minor py	7	2	231	134
430952	Granodiorite qtz veinlet, minor cpy	76	3	792	522
430953	30 cm quartz vein, diss py & cpy	61	3	1006	116
430954	Granodiorite, multiple qtz stringers, py, cpy, moly	142	3	499	349

The Cliff occurrence consists of granodiorite with several north-south quartz veins and stringers with minor disseminated pyrite, chalcopyrite and molybdenite. The grades of the four grab samples that were analysed are on the low side, with maximum values of 0.142 g/T Au, 0.10% Cu and 0.052% Mo.

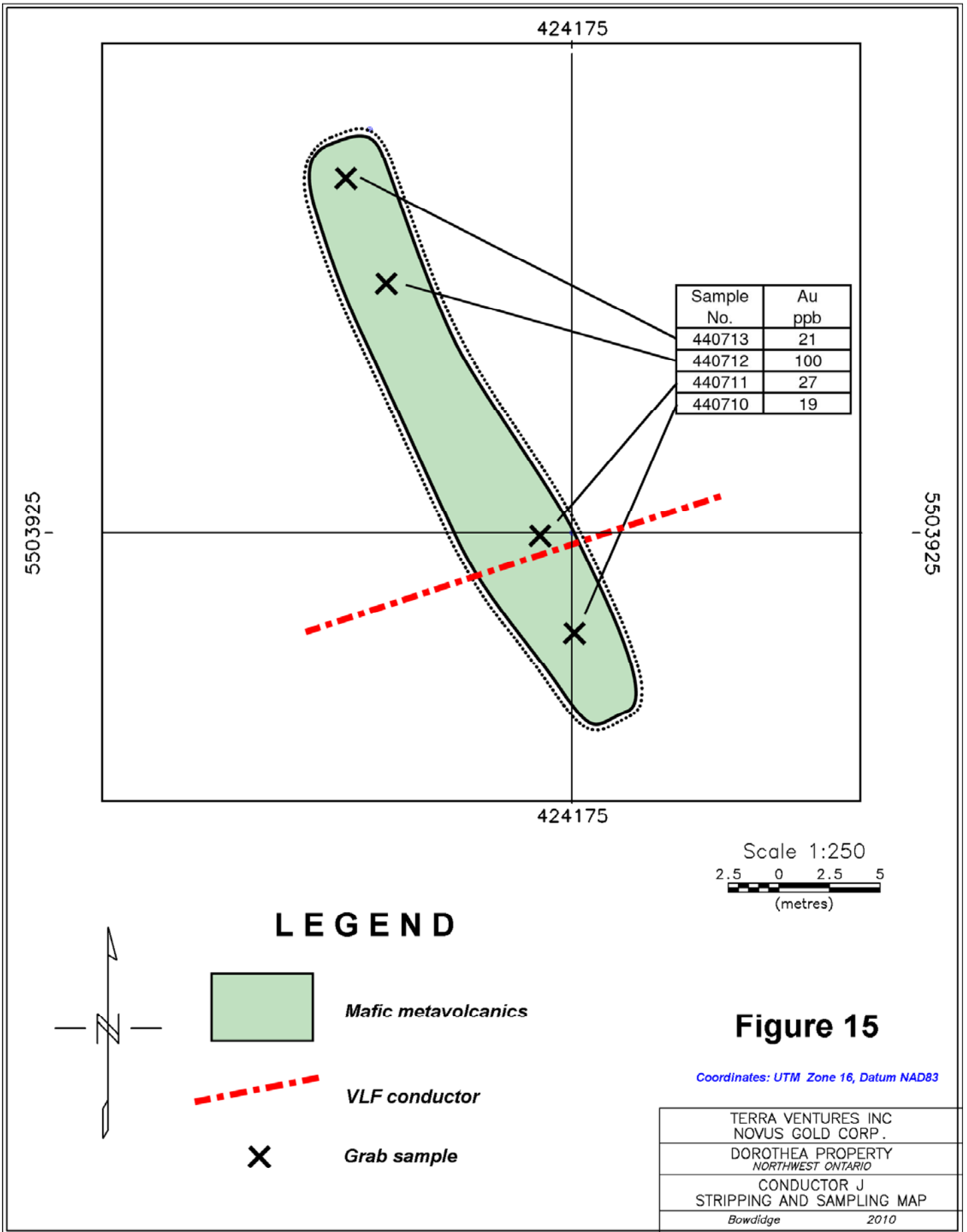
The Cliff occurrence is not of economic interest itself, but it does indicate that gold-copper-molybdenum mineralization is more extensive than previously thought.

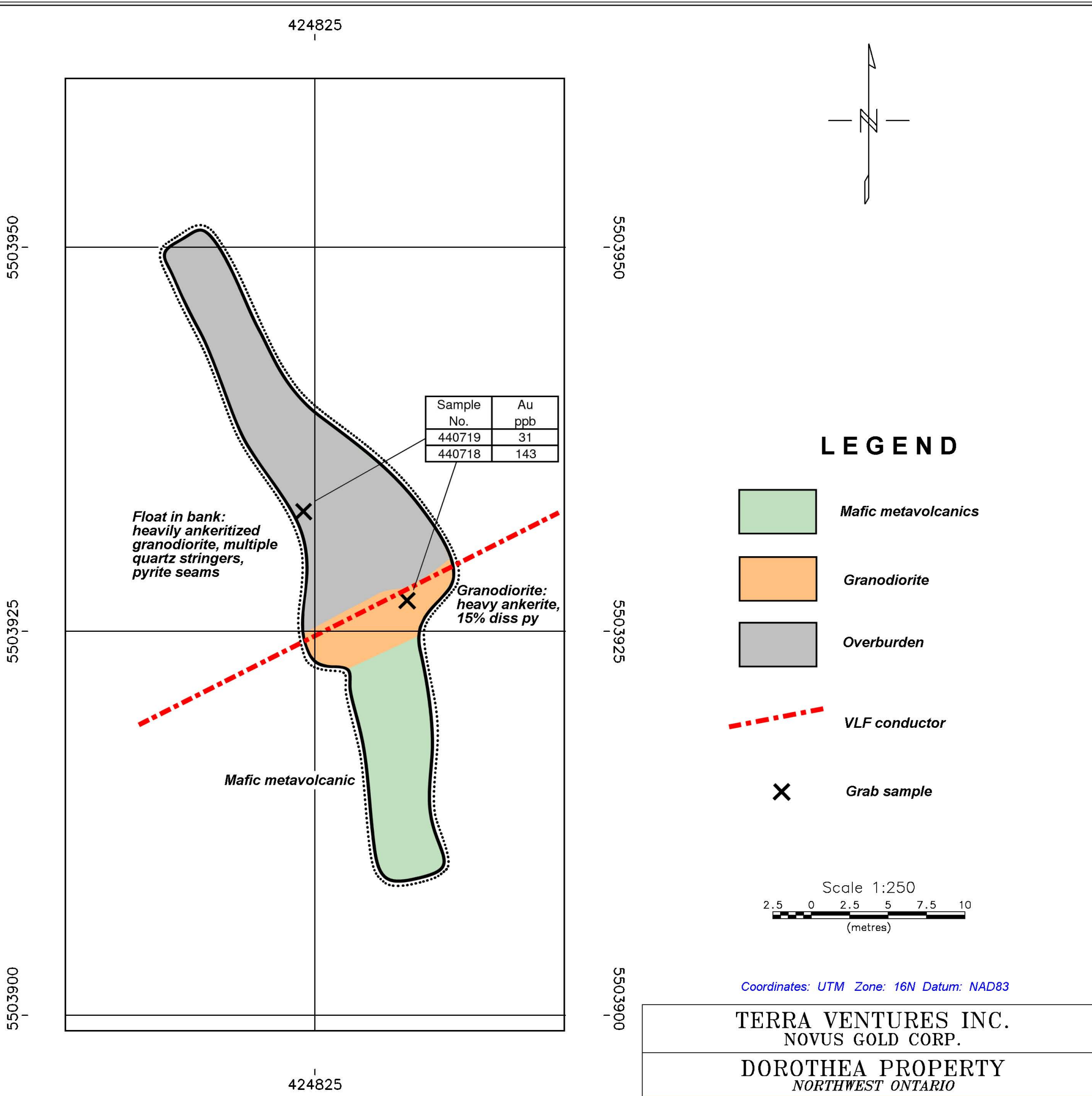
**CONDUCTOR "J"**

This conductor was located using the EM-16 receiver and opened up with the excavator. Figure 15 is a plan of the trench and Table 6 lists the assay results for the four grab samples that were collected.

Sample No.	Description	Au ppb
440713	Mafic volc, totally ankeritized, 1% py	21
440712	Mafic volc, very heavy ankerite, 1% py	100
440711	Mafic volc, dark, magnetic, 3% py-po	27
440710	Mafic volc, rusty weathering, 2% py	19

Rocks exposed in the trench are mafic volcanics with disseminated pyrite, and, in the northern part of the trench, heavy ankerite alteration. Gold values in the four samples are weakly anomalous. The conductor, which is not strong, is not explained, and may be caused in whole or in part by overburden.





**Figure 16**

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NORTHWEST ONTARIO

CONDUCTOR AA  
STRIPPING AND SAMPLING MAP

Bowdidge

2010

**CONDUCTOR “AA”**

This conductor was located using the EM-16 receiver and trenched. Figure 16 is a plan of the trench, and Table 7 gives assay data for the two grab samples collected.

Sample No.	Description	Au ppb
440719	Float, granodiorite, hvy ankerite, qtz strcs, py seams	31
440718	Granodiorite, qtz rich, heavy diss py	143

The trench exposes the contact between mafic (or possibly intermediate) volcanics and granodiorite. The northern part of the trench did not reach bedrock because of deep overburden. The granodiorite in the narrow band that was exposed contains heavy (10% to 20%) disseminated pyrite. In the overburden in the north part of the trench where bedrock is not exposed, a number of boulders of granodiorite were observed with heavy ankerite alteration and seams of massive pyrite.

Gold values in the two grab samples are mildly anomalous. The conductor is explained by the pyrite content, and does not appear to be of any economic interest.

**HILLSIDE GOLD ZONE EAST EXTENSION**

Two cross trenches were opened up, 30 to 50 metres east of the east end of the Hillside Gold Zone trench, in an attempt to locate the eastern extension of the gold zone. Figure 17 is a plan of the trenches and Table 8 gives assay data for the four grab samples that were collected.

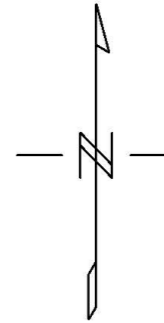
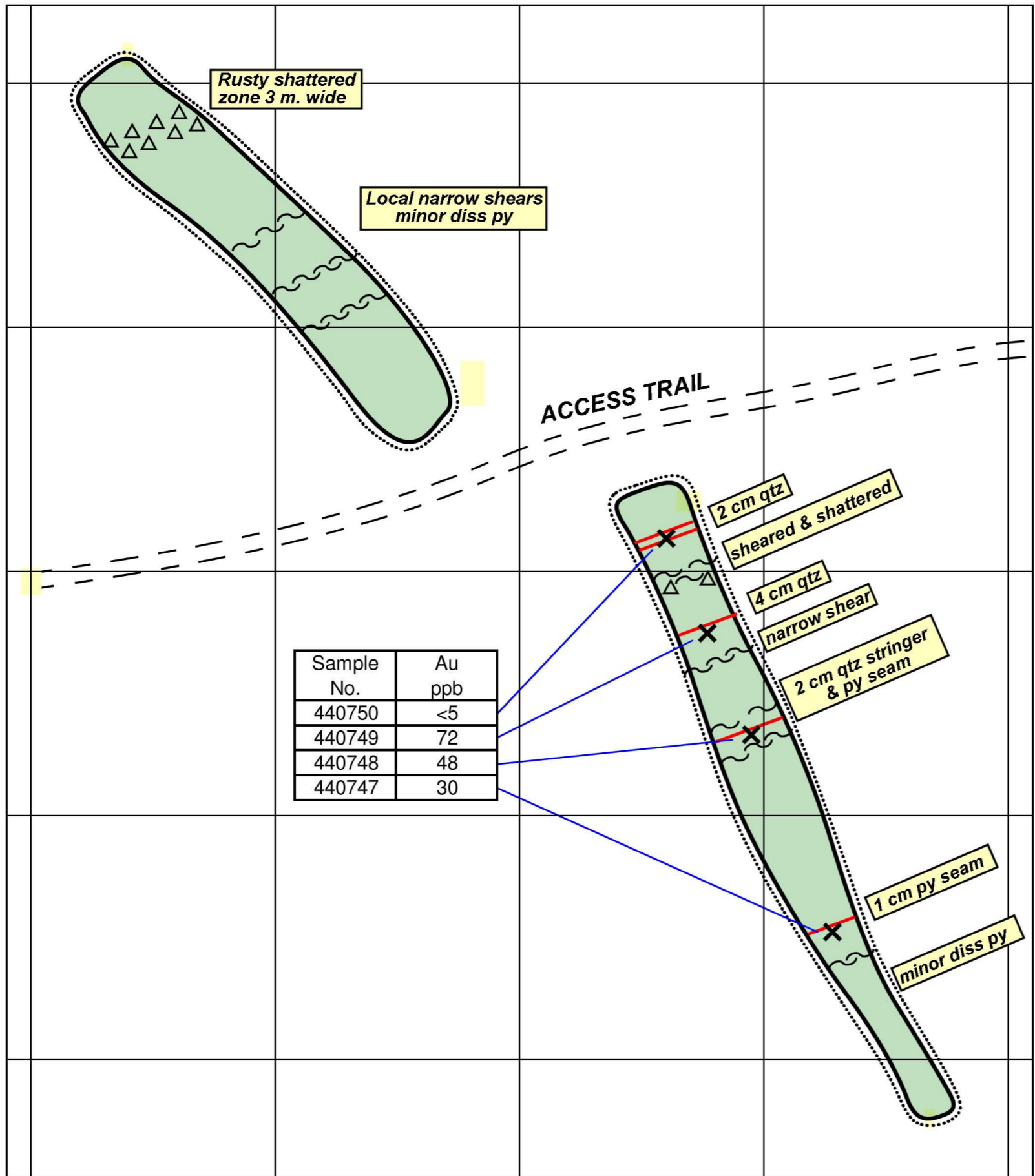
Sample No.	Description	Au ppb
440750	Quartz & sheared mafic, 1% py	<5
440749	Quartz Vein, 2% py	72
440748	Sheared mafic volc., py seams	48
440747	Rusty-weathering mafic volc., py seam	30

The northern trench exposes only massive andesitic metavolcanics with two narrow shears and a rubbly shattered zone. The southern trench is similar but has a number of narrow quartz veins and stringers. The four grab samples gave background to weakly anomalous gold values.






If there is an eastward extension of the Hillside Gold Zone, it will likely pass between the two trenches in the vicinity of the access trail.

424375 424400 424425 424450 424475

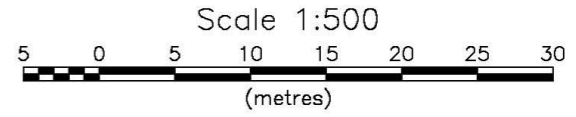
5504050  
5504025  
5504000  
5503975  
5503950



# LEGEND

-  Stripped area - intermediate metavolcanics
-  Quartz vein
-  Shear zone
-  Shatter zone
-  Sample location

## Figure 17



Coordinates - UTM, Zone 16, NAD83 datum

TERRA VENTURES INC.  
NOVUS GOLD CORP.

DOROTHEA PROPERTY  
NORTHWEST ONTARIO

HILLSIDE ZONE EAST EXTENSION  
STRIPPING AND SAMPLING MAP

Bowdidge

2010

424375 424400 424425 424450 424475

## CONCLUSIONS AND RECOMMENDATIONS

The 2010 exploration program on the Dorothea property was a modest program of stripping and sampling on a handful of selected targets. It was successful in locating or extending three mineralized zones:

- **The Cu-Mo Zone** has widespread disseminated low-grade gold-copper-molybdenum mineralization in an altered granodiorite, with the possibility of a gold-enriched zone at the north end of the stripped area,
- **Conductor A** or the "Malachite Zone" exposes altered granodiorite with anomalous gold values (0.2 to 0.4 g/T over a 25 metre width straddling the conductor, which is not exposed. On the north side of the conductor is a zone of semi-massive to stringery to disseminated sulphides with values in gold, copper, antimony and high grade silver. Channel sampling of this zone has given assays up to **1.31 g/T Au, 2.15% Cu and 570 g/T Ag over 1.30 metres.**
- **The Hillside Gold Zone** has been exposed over a length of 100 metres. Narrow quartz veins are present over a width of approximately 10 metres. Individual grab samples returned assays up to **72.29 g/T Au**. The broken nature of the rock made channel sampling impossible, so no estimate of the average grade can be made from the surface sampling.

The property warrants additional work to further evaluate the mineralization defined to date and explore for additional zones. The following program is recommended:

- A grid should be cut from the west boundary of the property for 800 metres east, to cover Conductor A, the Cu-Mo Zone and the Cliff Occurrence, with cross lines 500 metres long at 25 metre line spacing. This grid should be surveyed with magnetometer and VLF and geologically mapped and prospected in detail.
- Additional stripping, washing and sampling of possible gold-enriched zones of the disseminated gold-copper-molybdenum mineralization.
- Prospecting of the iron formation in the southern part of the property, which appears never to have been examined for its gold potential.
- Diamond drilling - at present Conductor A should be tested by three holes of 100 metres each, and the Hillside Gold Zone also warrants three 100-metre holes. It is assumed that the recommended surface work will define additional targets. The following budget assumes a 1,000 metre drill program.



PROPOSED BUDGET

Line cutting, 17 km @ \$800/km .....	\$ 13,600
Mag/VLF surveys .....	\$ 7,000
Geological mapping, 10 days @ \$500 .....	\$ 5,000
Prospecting, 2 man crew, 10 days .....	\$ 6,500
Backhoe mob & demob .....	\$ 1,500
Stripping, 80 hours @ \$130 .....	\$ 10,400
Washing, sampling, 3 men & equipment, 12 days .....	\$ 10,800
Drill mob & demob .....	\$ 20,000
Drilling 1,000 metres @ \$90/metre .....	\$ 90,000
Supervision .....	\$ 9,000
Assays, 100 Au @ \$17 .....	\$ 1,700
Assays, 100 ICP @ \$35 .....	\$ 3,500
Assays, 100 Ag gravimetric @ \$20 .....	\$ 2,000
Travel, truck, 5,000 km @ \$0.55 .....	\$ 2,750
Accommodation & food .....	\$ 2,000
Report & maps .....	\$ 4,500
Sub-total .....	\$ 190,250
10% contingencies .....	\$ 19,025
<b>TOTAL .....</b>	<b>\$ 209,275</b>

Additional drilling may be required, dependent on the results of this first phase of exploration.

Respectfully submitted,



Colin Bowdidge, Ph.D., P.Geo

November 2010

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BENT, H., 1989. The Sturgeon River Diamond Drill Project, Dorothea Township, Ontario, for Glen Auden Resources Ltd and Shango Resources Ltd, MNDMF Assessment File AFRO No. 52H09NE0007, AFRI No. Poplar Point 14.

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\_\_\_\_\_, & MOORE, E.S., 1908. Iron Ranges East of Lake Nipigon. Ont. Bur. Mines. Ann Rept. Vol. 17, Part 1, pp 136-169.

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\_\_\_\_\_, 1995. Report on the 1995 Exploration of the Dorothea Gold Property, Dorothea Township, Ontario. MNDMF Assessment File AFRI No. 42E12NW0103., AFRO No. 2.16389.

\_\_\_\_\_, 1996. Report on the 1996 Exploration of the Dorothea Gold Property, Dorothea Township, Ontario. MNDMF Assessment File AFRI No. 42E12NE0233., AFRO No. 2.16982

\_\_\_\_\_, 1998. Report on the 1997 Exploration of the Dorothea Gold Property, Dorothea Township, Ontario by Poplar Point Explorations Ltd. MNDMF Assessment File AFRI No. 52H09NE2002., AFRO No. 2.18252

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WALKER, A.J., LILL, J.R. & DIX, W.F., 1971. Report on the Tyson-Hopkins Options, Dorothea and Sandra Townships, Thunder Bay Mining Division, Ontario. MNDMF Assessment File AFRI No. 42E12NW0189, AFRO No. 63.2913

**APPENDIX 1**

**ASSAY AND ANALYTICAL CERTIFICATES**

**Certificate of Analysis**

Friday, August 27, 2010

 Hilldale Geoscience Inc  
 537 Hilldale Road  
 Thunder Bay, ON, CAN  
 P7B 5N1  
 Ph#: (807) 621-1085  
 Email#: colin.bowdidge@gmail.com

 Date Received: 08/16/2010  
 Date Completed: 08/27/2010  
 Job #: 201043167  
 Reference:  
 Sample #: 2 Rock

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
221073	440714	107	0.003	0.107
221074	440715	84	0.002	0.084
221075 Dup	440715	96	0.003	0.096

PROCEDURE CODES: ALP1, ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

AL903-0951-08/27/2010 11:57 AM

**Certificate of Analysis**

Friday, August 27, 2010

 Hilldale Geoscience Inc  
 537 Hilldale Road  
 Thunder Bay, ON, CAN  
 P7B 5N1  
 Ph#: (807) 621-1085  
 Email#: colin.bowdidge@gmail.com

Date Received: 08/16/2010

Date Completed: 08/27/2010

Job #: 201043168

Reference:

Sample #: 2 Rock

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
221076	440716	375	0.011	0.375
221077	440717	521	0.015	0.521
221078 Dup	440717	520	0.015	0.520

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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AL903-0951-08/27/2010 11:57 AM

**Certificate of Analysis**

Thursday, September 16, 2010

Hilldale Geoscience Inc 537 Hilldale Road  
Thunder Bay, ON, CAN  
P7B 5N1  
Ph#: (807) 621-1085  
Email#: colin.bowdidge@gmail.com

Date Received: 09/02/2010  
Date Completed: 09/16/2010  
Job #: 201043548  
Reference:  
Sample #: 15 Rock

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
247034	440710	19	<0.001	0.019
247035	440711	27	<0.001	0.027
247036	440712	100	0.003	0.100
247037	440713	21	<0.001	0.021
247038	440718	143	0.004	0.143
247039	440719	31	<0.001	0.031
247040	440732	1120	0.033	1.120
247041	440733	278	0.008	0.278
247042	440734	213	0.006	0.213
247043	440735	405	0.012	0.405
247044	430946	541	0.016	0.541
247045	430947	36	0.001	0.036
247046	430948	40	0.001	0.040
247047	430949	254	0.007	0.254
247048	430950	8271	0.241	8.271

PROCEDURE CODES: ALP1, ALFA1, ALAR1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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**Certificate of Analysis**

Sunday, September 26, 2010


Hilldale Geoscience Inc 537 Hilldale Road  
Thunder Bay, ON, CAN  
P7B 5N1  
Ph#: (807) 621-1085  
Email#: colin.bowdidge@gmail.com

Date Received: 09/13/2010  
Date Completed: 09/26/2010  
Job #: 201043765  
Reference:  
Sample #: 36 Rock

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
259519	440701	27																														
259520	440702	1386																														
259521	440703	382																														
259522	440704	27603																														
259523	440705	291																														
259524	440706	38																														
259525	440707	56																														
259526	440708	276																														
259527	440709	30																														
259528	440725	174																														
259529 Dup	440725	199																														
259530	440726	270																														
259531	440727	324																														
259532	440728	340																														
259533	440729	10410																														
259534	440730	39785																														
259535	440731	7																														
259536	440736	559																														
259537	440737	180																														
259538	440738	96																														
259539	440739	18																														
259540 Dup	440739	17																														
259541	440740	534																														
259542	440741	72293																														
259543	440742	45719																														
259544	440743	3390																														

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By:



Jason Moore, General Manager

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**Certificate of Analysis**

Sunday, September 26, 2010


 Hilldale Geoscience Inc 537 Hilldale Road  
 Thunder Bay, ON, CAN  
 P7B 5N1  
 Ph#: (807) 621-1085  
 Email#: colin.bowdidge@gmail.com

 Date Received: 09/13/2010  
 Date Completed: 09/26/2010  
 Job #: 201043765  
 Reference:  
 Sample #: 36 Rock

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
259545	440744	1499																														
259546	440745	34																														
259547	440746	1415																														
259548	440747	30																														
259549	440748	48																														
259550	440749	72																														
259551 Dup	440749	43																														
259552	440750	<5																														
259553	430951	7	2	12.54	9	322	1	24	4.92	<1	23	60	231	7.23	2.05	75	1.96	1292	134	77	1016	15	8	22	13	154	379	687	145	6	11	176
259554	430952	76	3	10.45	16	226	1	28	3.41	<1	12	254	792	3.71	2.04	42	0.80	704	522	27	459	13	7	28	7	131	352	397	41	7	10	64
259555	430953	61	3	10.83	17	281	1	28	2.12	<1	8	153	1006	2.63	2.27	40	0.59	364	116	16	647	10	8	24	8	125	326	832	33	7	10	55
259556	430954	142	3	11.11	34	438	2	21	0.96	<1	6	281	499	1.67	2.16	32	0.39	119	349	10	369	8	11	34	9	87	348	846	27	4	7	24
259557	430955	65	2	11.23	13	248	2	28	2.25	<1	8	126	2238	3.37	2.52	56	0.64	404	35	6	455	8	6	27	12	140	366	478	40	11	8	64
259558 Dup	430955	98	2	11.20	14	252	2	25	2.29	<1	8	126	2338	3.53	2.37	56	0.65	426	31	7	472	8	5	26	10	141	364	615	42	10	8	62

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By:

  
 Jason Moore, General Manager

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Certificate of Analysis

Wednesday, October 6, 2010

Just Me Exploration Box 164  
Beardmore, ON, CAN  
P0T1G0  
Ph#: (807) 875-2604  
Fax#: (807) 875-2556

Date Received: 08/31/2010  
Date Completed: 09/13/2010  
Job #: 201043450  
Reference:  
Sample #: 50 Rock

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
239797 Dup	430930	0.030	<1	0.60	193	25	24	<1	8	1.22	<4	10	157	478	2.29	0.12	12	0.26	522	43	0.05	3	921	<1	5	<5	0.02	<1	9	<100	2	7	<10	6	27
239798	430931	0.056	<1	0.36	15	26	47	<1	<5	1.90	<4	7	218	438	2.03	0.12	4	0.25	671	24	0.06	5	1033	<1	<5	<5	0.02	<1	11	<100	3	5	<10	7	18
239799	430932	0.064	1	0.39	11	21	37	<1	12	1.89	<4	7	248	472	2.26	0.11	5	0.26	638	11	0.06	6	1403	<1	<5	<5	0.02	<1	13	<100	<1	5	<10	6	13
239800	430933	0.030	<1	0.34	38	28	48	<1	<5	1.85	<4	7	201	430	2.26	0.10	5	0.30	619	14	0.06	5	1420	<1	<5	<5	0.02	<1	14	<100	3	5	<10	7	27
239801	430934	0.148	<1	0.62	150	29	48	<1	9	1.55	<4	12	299	710	2.33	0.16	12	0.33	445	25	0.05	9	1147	<1	5	<5	0.02	<1	14	<100	2	6	<10	7	26
239802	430935	0.023	<1	0.55	76	25	25	<1	<5	1.69	<4	7	181	397	2.09	0.13	11	0.45	492	21	0.05	6	1419	<1	<5	<5	0.02	<1	13	<100	3	4	<10	6	15
239803	430936	0.020	1	0.38	45	28	58	1	5	1.41	<4	7	308	334	1.92	0.11	5	0.18	457	37	0.05	11	782	<1	<5	<5	0.02	2	9	<100	1	6	<10	7	20
239804	430937	0.050	2	0.56	18	24	29	<1	<5	1.47	<4	7	264	169	2.30	0.12	7	0.58	337	18	0.07	8	1122	<1	<5	<5	0.02	<1	10	<100	2	10	<10	7	13
239805	430938	0.031	<1	0.61	23	27	96	<1	<5	1.27	4	8	285	172	3.20	0.14	7	0.36	339	11	0.07	8	531	<1	<5	<5	0.02	<1	9	<100	1	11	10	7	17
239806	430939	0.114	1	0.89	30	37	53	<1	<5	0.32	4	10	313	212	3.03	0.20	13	0.22	180	8	0.06	13	751	<1	<5	<5	0.02	<1	7	<100	<1	13	17	8	23
239807	430940	0.299	<1	0.85	98	39	40	<1	24	1.76	<4	12	249	1314	2.74	0.20	15	0.46	476	53	0.07	5	1017	<1	<5	<5	0.02	<1	15	<100	<1	5	13	10	27
239808 Dup	430940	0.289	<1	0.71	83	31	32	<1	12	1.46	<4	10	206	1074	2.29	0.16	13	0.38	395	47	0.06	4	837	<1	<5	<5	0.02	<1	12	<100	<1	4	12	8	23
239809	430941	4.261	<1	0.67	57	33	34	<1	57	1.35	<4	10	393	1494	2.33	0.17	12	0.23	397	46	0.07	33	1316	<1	<5	<5	0.02	<1	12	<100	<1	4	<10	8	22
239810	430942	0.201	<1	0.79	122	33	43	<1	15	1.14	<4	11	331	1178	2.58	0.22	11	0.22	437	36	0.08	6	1321	<1	<5	<5	0.02	<1	12	<100	<1	4	<10	8	29
239811	430943	0.029	<1	0.61	109	29	51	<1	11	1.18	<4	9	221	822	2.16	0.14	11	0.29	484	21	0.06	4	828	<1	6	<5	0.02	<1	12	<100	<1	4	<10	7	29
239812	430944	0.018	<1	0.79	35	30	36	<1	5	1.77	4	9	253	468	2.81	0.17	14	0.39	608	23	0.09	6	485	<1	<5	<5	0.02	<1	16	<100	3	7	<10	7	28
239813	430945	0.017	<1	0.74	119	27	29	<1	<5	2.06	<4	11	159	580	2.49	0.16	14	0.50	453	14	0.06	4	866	<1	<5	<5	0.02	<1	21	<100	<1	8	<10	7	26
239814	440720	0.467	8	0.34	123	55	34	<1	9	0.26	<4	10	300	204	2.01	0.21	<1	0.03	135	445	0.03	8	570	10	33	<5	0.01	<1	18	<100	<1	<1	<10	5	29
239815	440721	0.957	353	0.28	152	48	29	<1	13	0.11	7	27	244	651	2.52	0.16	<1	0.02	177	380	0.03	6	1042	46	429	<5	0.02	<1	6	<100	<1	<1	<10	3	309
239816	440722	0.201	29	0.43	77	38	43	<1	7	0.57	8	7	397	156	1.91	0.27	1	0.06	289	43	0.04	8	662	18	56	<5	0.02	<1	16	<100	1	<1	<10	5	226
239817	440723	0.790	332	0.30	330	73	30	<1	18	0.24	11	25	290	1023	3.87	0.18	<1	0.04	128	663	0.03	8	992	75	286	<5	0.02	<1	10	<100	<1	<1	<10	3	438
239818	440724	1.307	816	0.32	439	50	32	<1	73	0.43	28	131	341	>5000	3.31	0.18	1	0.06	264	300	0.03	10	1046	91	2015	<5	0.02	<1	11	<100	<1	<1	<10	4	945

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:



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**Certificate of Analysis**

Tuesday, October 19, 2010

Just Me Exploration Box 164  
Beardmore, ON, CAN  
P0T1G0  
Ph#: (807) 875-2604  
Fax#: (807) 875-2556

Date Received: 08/31/2010

Date Completed: 09/13/2010

Job #: 201043450

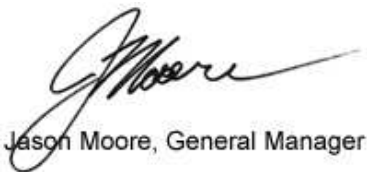
Reference:

Sample #: 50 Rock

Acc #	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
239765	430901	11												
239766	430902	492												
239767	430903	68												
239768	430904	125												
239769	430905	29												
239770	430906	31												
239771	430907	27												
239772	430908	33												
239773	430909	27												
239774	430910	107												
239775	Dup 430910	113												
239776	430911	125												
239777	430912	72												
239778	430913	112												
239779	430914	19												
239780	430915	18												
239781	430916	26												
239782	430917	59												
239783	430918	291												
239784	430919	199												
239785	430920	33												
239786	Dup 430920	32												

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:



Jason Moore, General Manager

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**Certificate of Analysis**

Tuesday, October 19, 2010

 Just Me Exploration Box 164  
 Beardmore, ON, CAN  
 P0T1G0  
 Ph#: (807) 875-2604  
 Fax#: (807) 875-2556

Date Received: 08/31/2010

Date Completed: 09/13/2010

Job #: 201043450


Reference:

Sample #: 50 Rock

Acc #	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
239787	430921	48												
239788	430922	30												
239789	430923	60												
239790	430924	67												
239791	430925	38												
239792	430926	34												
239793	430927	58												
239794	430928	114												
239795	430929	23												
239796	430930	24												
239797	Dup 430930	30												
239798	430931	56												
239799	430932	64												
239800	430933	30												
239801	430934	148												
239802	430935	23												
239803	430936	20												
239804	430937	50												
239805	430938	31												
239806	430939	114												
239807	430940	299												
239808	Dup 430940	289												

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:


  
 Jason Moore, General Manager

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**Certificate of Analysis**

Tuesday, October 19, 2010

 Just Me Exploration Box 164  
 Beardmore, ON, CAN  
 P0T1G0  
 Ph#: (807) 875-2604  
 Fax#: (807) 875-2556

Date Received: 08/31/2010

Date Completed: 09/13/2010

Job #: 201043450

Reference:

Sample #: 50 Rock

Acc #	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
239809	430941	4261												
239810	430942	201												
239811	430943	29												
239812	430944	18												
239813	430945	17												
239814	440720	467				66.10								
239815	440721	957				256.00								
239816	440722	201				54.60								
239817	440723	790				160.90								
239818	440724	1307				196.69			21540					

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:

  
 Jason Moore, General Manager

 The results included on this report relate only to the items tested  
 The Certificate of Analysis should not be reproduced except in full, without the written  
 approval of the laboratory

AL917-0164-10/19/2010 12:46 PM

**Certificate of Analysis**

Wednesday, October 6, 2010

 Just Me Exploration Box 164  
 Beardmore, ON, CAN  
 P0T1G0  
 Ph#: (807) 875-2604  
 Fax#: (807) 875-2556

Date Received: 09/23/2010

Date Completed: 09/30/2010

Job #: 201044018

Reference:

Sample #: 5 Rock

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
276792	430956	13	<0.001	0.013
276793	430957	12	<0.001	0.012
276794	430958	9	<0.001	0.009
276795	430959	19	<0.001	0.019
276796	430960	<5	<0.001	<0.005
276797 Dup	430960	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA1

Certified By:



 The results included on this report relate only to the items tested  
 The Certificate of Analysis should not be reproduced except in full, without  
 the written  
 approval of the laboratory

AL903-0164-10/06/2010 1:57 PM

Hilldale Geoscience Inc  
 Date Created: 10-09-02 09:25:55 AM  
 Job Number: 201043168  
 Date Received: 08/16/2010  
 Number of Samples: 2  
 Type of Sample: Rock  
 Date Completed: 08/27/2010  
 Project ID:

\* The results included on this report relate only to the items tested  
 \* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 \*The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
221076	440716	3	0.8	135	787	38	7	53	1.25 <4	<1		375	3596	1.9	0.16	15	0.16	260 >8000		0.07	5	895	6	13	26	0.03 <10		13 <100		107 <2	<10		5	33
221077	440717	20	0.88	271	12	51	<1	111	1.46 <4		10	304	>5000	2.58	0.23	20	0.22	244	66	0.06	3	1404	14	10	25	0.01 <10		16 <100		523	4	155	5	42
221078	440717	15	0.89	263	30	52	2	116	1.46 <4		10	295	>5000	2.54	0.23	20	0.22	242	54	0.07	3	1624	17	8	26	0.02 <10		16 <100		485	3	156	5	40

Just Me Exploration  
Box 164  
Beardmore, ON, CAN  
POT 1G0  
Ph: 807-875-2604  
Fx: 807-875-2556

Date Received: 10/21/2010  
Date Completed: 11/04/2010  
Job #: 201044548  
Project:  
Sample Type: Pulp's  
Sample Count: 5

Acc #	Client ID	Ag Grav oz/t	Ag Grav g/t (ppm)
314518	440720	<1	<1
314519	440721	7.578	260
314520	440722	0.042	1
314521	440723	8.034	275
314522	440724	20.315	697

Derek Demianiuk H. Bsc., Laboratory Manager