REPORT ON THE

2010

DIAMOND DRILLING

OF THE

PENHORWOOD PROPERTY

PORCUPINE MINING DIVISION

NORTHEASTERN ONTARIO

****

PREPARED FOR

GOLDEN CHALICE RESOURCES INC

June 1, 2010

J Kevin Montgomery P. Geo., M.Sc. (App.)

SUMMARY

The Penhorwood Property, held by Golden Chalice Resources, is situated 80 km southwest of Timmins, Ontario. It is comprised of 52 unpatented mining claims (10,335 hectares) in Penhorwood Township and Kenogaming Township. It forms part of Golden Chalice Resources Timmins West Project.

Six holes totalling 965 metres were drilled on the Penhorwood Property, they are part of an on going 2010 diamond drilling program. Three separate induce polarization chargeability high anomalies were drill tested. The cause of the induced polarization high chargeability anomaly targeted by hole TW10-01 is several disseminated pyrite zones (3-5%) occurring within felsic ash tuffs. In hole TW10-04, the targeted anomaly is a disseminated pyrite zone within peridotites. In hole TW10-06 is a wide pyrite disseminated zone within altered mafic volcanic.

Two drill holes (TW10-02 and 03) tested the Ross Zinc Showing on the Penhorwood Property and intersected two disseminated sphalerite zones within felsic ash tuffs and a narrow semi-massive sulphide zone at the contact between a sulphidic chert horizon and peridotites. Hole TW10-05 tested an MMI soil copper-gold anomaly, no significant sulphide mineralization was intersected.

Assay results are pending for holes TW10-02 to 6 and should they be favorable follow-up drilling may be recommended for the Penhorwood Property.

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INTRODUCTION

The Radio Hill Property and the Penhorwood Property form the Timmins West Project of Golden Chalice Resources Inc. The Penhorwood Property is comprised of 52 contiguous unpatented mining claims (638 claim units) covering approximately 10,335 hectares in Penhorwood and Kenogaming Townships. The property is held 100% by Golden Chalice Resources.

This report describes the first six drill holes of an ongoing diamond drilling program being conducted on the Penhorwood Property. The six holes were drilled to test three separate chargeability high Induced Polarization anomalies and the Ross Zinc Showing (423500E, 5334830N Nad 83) on the property. The six holes (TW10-01 to 6) were completed from April 20 to May 15, 2010.

The drilling program was co-ordinated and supervised by the author. Drill core logging was carried out by J. Craig of New Brunswick and G. Sparling of Timmins, Ontario. The field technical tasks associated with the drilling program were conducted by D. Bryant, and G. Ross, of Timmins Ontario and Graham Stone of Parry Sound, Ontario. The diamond drill core selected for sampling was saw cut in half by Dan Larsen of Timmins, Ontario. The maps and sections of this report were drafted by J. Craig of New Brunswick.

LOCATION, ACCESS and CLAIMS

The Penhorwood Property, held by Golden Chalice Resources is located 80 kilometres southwest of Timmins, Ontario (Figure 1). It is comprised of 52 mining claims (638 claim units totalling about 10,335 hectares) that covers northeast and central Penhorwood Township, as well as the west central portion of Kenogaming Township.

Table 1 Penhorwood Property Claims

Claim	Units	Due_Date	Date_Recorded	Work_Req	Township
4221929	12	24-Oct-10	03-Aug-07	$4,800.00	KENOGAMING
3019487	10	19-Nov-10	19-Nov-07	$4,000.00	PENHORWOOD
3019491	15	19-Nov-10	19-Nov-07	$6,000.00	PENHORWOOD
4227175	3	19-Nov-10	19-Nov-07	$1,200.00	PENHORWOOD
4207062	16	25-Nov-10	07-Jun-05	$6,400.00	PENHORWOOD
4207045	16	25-Nov-10	07-Jun-05	$1,414.00	KENOGAMING
4207046	16	25-Nov-10	07-Jun-05	$6,400.00	PENHORWOOD
4207047	16	25-Nov-10	07-Jun-05	$6,400.00	PENHORWOOD
4207060	14	25-Nov-10	07-Jun-05	$3,728.00	PENHORWOOD
4207061	16	25-Nov-10	07-Jun-05	$6,400.00	PENHORWOOD
4207048	16	25-Nov-10	07-Jun-05	$6,400.00	PENHORWOOD

3019488	16	18-Dec-10	18-Dec-07	$6,400.00	PENHORWOOD
3019490	15	18-Dec-10	18-Dec-07	$6,000.00	PENHORWOOD
3000605	1	2-Jan-11	02-Jan-04	$400.00	PENHORWOOD
4201493	8	23-Mar-11	23-Mar-06	$3,200.00	PENHORWOOD
4201492	16	23-Mar-11	23-Mar-06	$6,400.00	PENHORWOOD
4201491	12	5-Apr-11	05-Apr-06	$4,800.00	KENOGAMING
4201490	16	5-Apr-11	05-Apr-06	$6,400.00	KENOGAMING
4201489	16	5-Apr-11	05-Apr-06	$6,400.00	KENOGAMING
4201488	9	5-Apr-11	05-Apr-06	$3,600.00	KENOGAMING
3019024	2	24-Apr-11	24-Apr-06	$800.00	PENHORWOOD
4220806	4	30-Apr-11	30-Apr-07	$1,600.00	PENHORWOOD
4207035	1	7-Jun-10	07-Jun-05	$400.00	PENHORWOOD
4207042	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207041	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207040	15	7-Jun-10	07-Jun-05	$6,000.00	PENHORWOOD
4207039	4	7-Jun-10	07-Jun-05	$1,600.00	KENOGAMING
4207032	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207036	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207034	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207033	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207043	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207031	16	7-Jun-10	07-Jun-05	$6,400.00	KENOGAMING
4207030	12	7-Jun-10	07-Jun-05	$4,800.00	PENHORWOOD
4207037	10	7-Jun-10	07-Jun-05	$4,000.00	PENHORWOOD
4207064	6	7-Jun-10	07-Jun-05	$2,400.00	KENOGAMING
4207049	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207914	9	7-Jun-10	07-Jun-05	$3,600.00	PENHORWOOD
4207044	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207058	12	7-Jun-10	07-Jun-05	$4,800.00	PENHORWOOD
4207057	1	7-Jun-10	07-Jun-05	$400.00	PENHORWOOD
4207056	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207054	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207053	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207051	16	7-Jun-10	07-Jun-05	$6,400.00	KENOGAMING
4207050	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207055	16	7-Jun-10	07-Jun-05	$6,400.00	PENHORWOOD
4207916	15	7-Jun-10	07-Jun-05	$6,000.00	PENHORWOOD
4241832	12	11-Jul-10	11-Jul-08	$4,800.00	PENHORWOOD
3000603	2	15-Oct-10	15-Oct-03	$800.00	PENHORWOOD
3000604	2	15-Oct-10	15-Oct-03	$800.00	PENHORWOOD
4207052	16	7-Jun-11	07-Jun-05	$6,400.00	PENHORWOOD

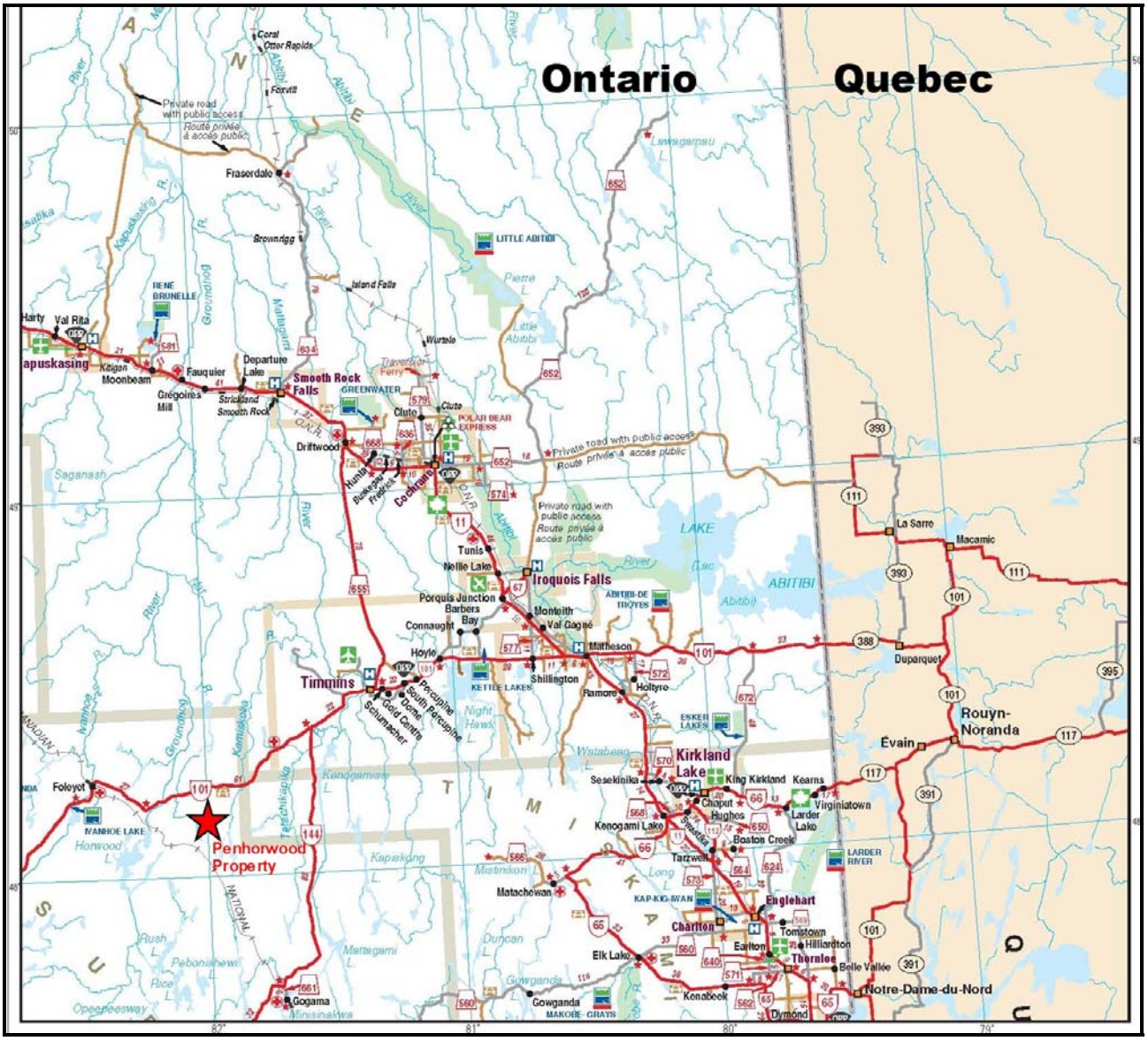

Figure 1 Location Map

The property is readily accessed by motor vehicle from Highway 101 West, The main Kenogaming Timber Road cuts through the eastern portion of the property, Further to the west; a second main gravel road off Highway 101 gives access to the northwest portion of the property. A network of ATV and 4x4 truck trails off these two main gravel roads give further access to the property.

The diamond drilling area is easily accessible, as the Kenogaming Timber Road cuts through it (Figure 2). The eastern edge of the grid is 12.5 km west of the intersection of Highway 101 West and the Kenogaming Timber Road.

REGIONAL and PROPERTY GEOLOGY

The property lies within the Superior Province of Archean basement rocks, in the Eastern Canadian Shield. It is situated in the northeastern part of the Swayze Greenstone belt which appears to be the western extension of the Abitibi Greenstone belt.

The property is predominantly underlain by southwest trending metamorphosed (greenschist) volcanics of the Muskego-Reeves Assemblage ranging from ultramafic to felsic. The mafic volcanics are pillowed to massive andesitic or basaltic flows. They are the dominant rock type on the property. Ultramafic volcanic flow units and/or intusive sills trending east-west occur in the central portion of the property. They are intermixed with the mafic volcanics.

The east central portion of the property is underlain by felsic volcanics of the Hanrahan Lake Complex that extend west from Kenogaming Township. The felsic volcanics are comprised of tuffs, lapilli tuffs, agglomerates and intermediate to felsic flows. They form the core of a major northwest plunging antiform fold. A fairly continuous iron formation known as the Nat River iron formation marks the boundary between the felsic volcanics and the mafic volcanics.

In the northwest portion of the property metasediments occur. These consist of greywackes and conglomerates. The north centre part of the property is underlain by north-south trending ultramafic, mafic and felsic porphyry intrusive units that may be part of a layered complex. These intrusive units are interpreted to be sliced up by a series of northeast trending faults. In the southwest the Kukatush Stock (Biotite hornblende granodorite) intrudes the volcanics and in the southeast the Kenogamissi Batholith (hornblende and/or biotite bearing granodiorite to tonalite gneiss). Smaller quartz-feldspar and feldspar porphyry intrusive bodies also occur on the property. All the rock types are intruded by late north to north-northwest trending diabase dykes (Figure 3).

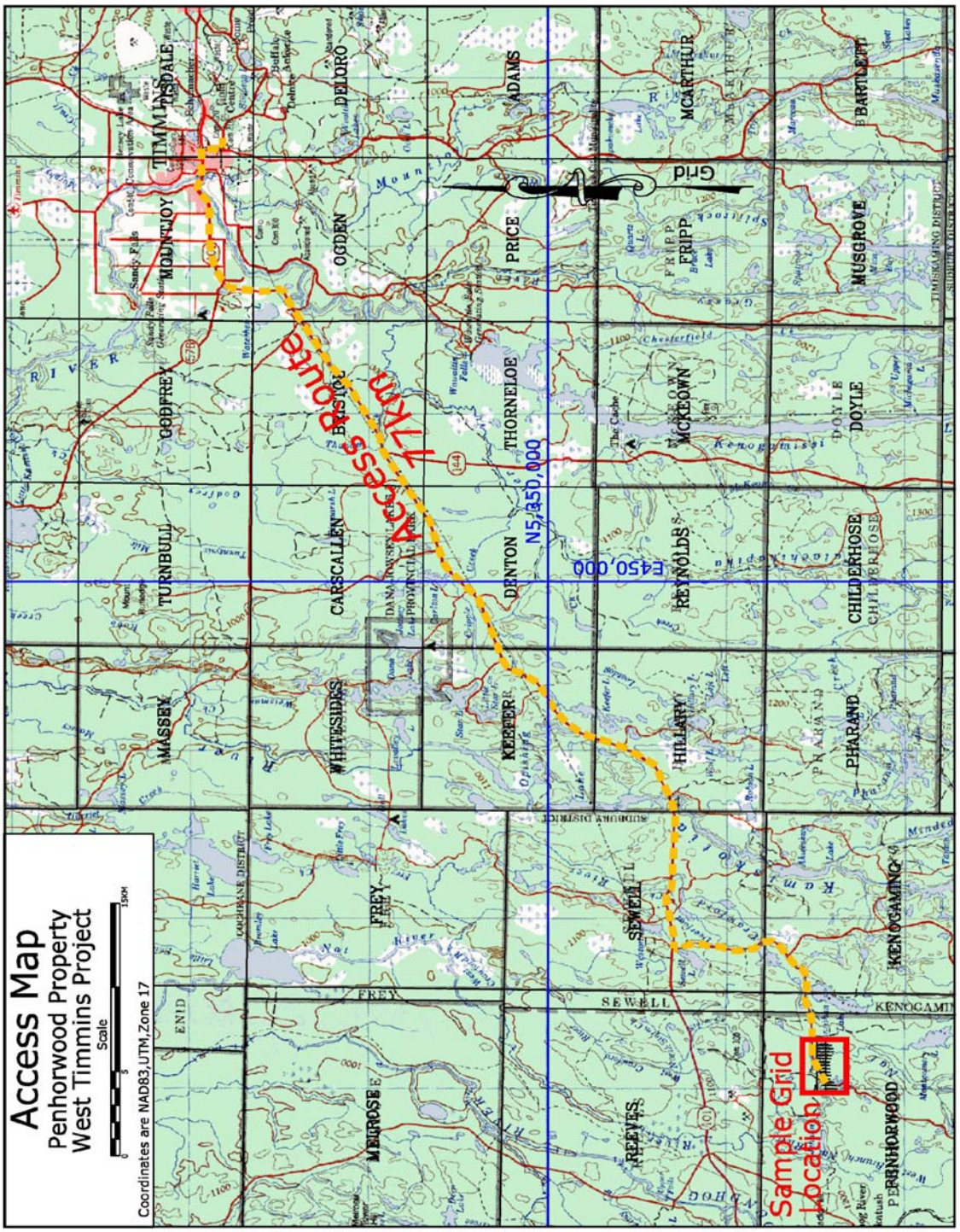

Figure 2 Property Access Map

GOLDEN CHALICE RESOURCES INC

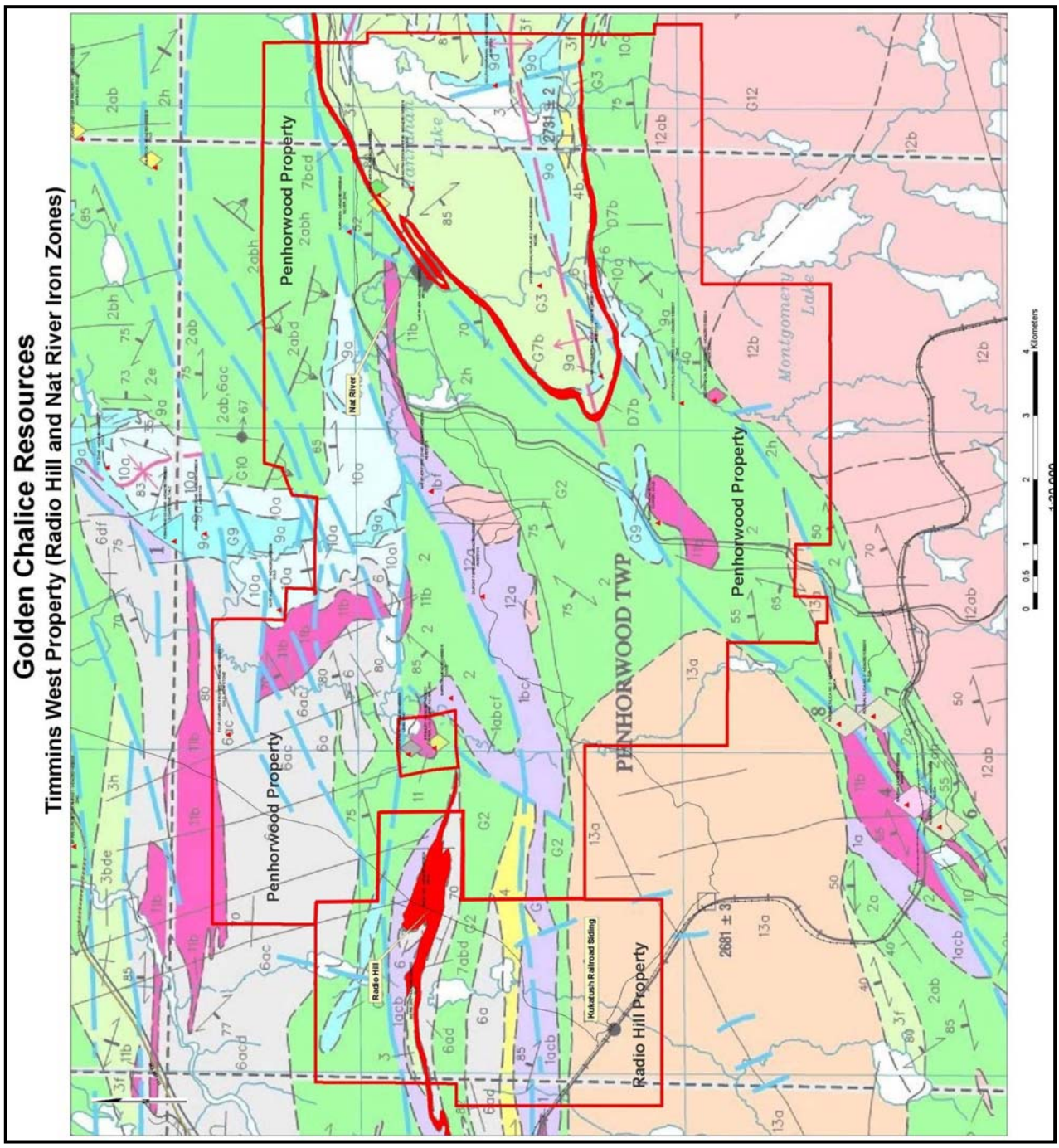

Figure 3 Timmins West Project Geology Map

Three major faults cross cut the property, the east-west trending Destor-Porcupine, the east-west trending Jehann Lake Fault and the southwest trending Hardiman Bay Fault.

PREVIOUS GOLDEN CHALICE RESOURCES WORK

In May 2005, Golden Chalice Resources staked the majority of the property. Exploration work in 2005 consisted of an airborne magnetic and time domain electromagnetic survey conducted by Geotech Limited, over nearly the entire property. The surveys outlined 37 areas of interest that consisted of 30 clusters of weak to strong VTEM conductors and seven Keating magnetic anomalies. A well defined linear series of strong to moderate VTEM conductors outlines the folded Nat River Iron Formation in the east part of the property.

In late 2006 a prospecting crew headed by Dave Healey checked 23 of the 37 areas of interest. A total of 185 rock grab samples were collected during the prospecting program. All samples were assayed for gold with 11 samples returning anomalous gold values ranging from 294 ppb Au to a high of 1.61 gpt. Au.

Exploration work on the Penhorwood Property in 2007 consisted of MMI soil surveys over some of the 2005 VTEM airborne anomaly clusters, a mechanical stripping program and the drilling of one hole (300 m) to test a VTEM conductor. A total of 536 MMI soil samples were collected from nine areas on the property. These MMI soil samples were sent to SGS Mineral Services laboratory for multi-element analysis. This MMI soil sampling program, on the Penhorwood Property, was conducted to evaluate the clusters of airborne VTEM conductors as potential nickel, gold or base metal drill targets. The assay results were quite encouraging with some interesting silver, gold, copper, lead and zinc geochemical anomalies identified in the nine areas (Montgomery, 2009b).

A mechanical stripping program exposed several areas of bedrock on claim 4207037 and successfully expanded the rock exposure at a gold showing on claim 4207057 (Montgomery, 2009a). Follow up work consisting of geological mapping and rock channel sampling was carried on the stripped areas.

The 2005 airborne VTEM survey outlined a moderately intense electromagnetic conductor located at 418216E, 5330409N (NAD83), on claim 4207053. In order to test this electromagnetic conductor, an inclined core hole of 300 metres was drilled from May 29 to June 6, 2007. This drill hole intersected sheared and altered intermediate to felsic volcanics intercalated with silicified greywacke sediments and iron formation units. A massive to semi-massive pyrite zone was cut from 100.5 to 104.7 metres down hole and is the cause of the VTEM conductor (Montgomery, 2007).

In late 2007 and early 2008, ground geophysical surveys consisting of magnetic VLF-electromagnetic and induced polarization were conducted on a 20.6 km line grid. This grid is located in the northeast portion of the property on claim 4207037 (Grant, 2008).

During the period April 15 to April 30, 2008 three holes were drilled for a total of 735 metres. This drilling program tested two moderately intense airborne electromagnetic conductors located at 418750E 5330250N on claim 4207054 and 418750E 5331900N on claim 4207048. The drilling successfully explained the electromagnetic conductors as weak conductive zones within sheared mafic volcanic or graphite with local minor pyrite and\or pyrrhotite (Hartley, 2008).

A small mechanical stripping program was conducted in the northeast corner of the property from October 28 to 30, 2009. It consisted of removing overburden and exposing bedrock in five areas on claim 4221929. Three of the five areas verified the presence of the felsic porphyry body on Ontario government geological maps. One of which contains finely disseminated sulphide mineralization (0.5-1% pyrite). The fourth area was predominantly a pyritic iron formation. The fifth area did not have bedrock exposed by the excavator and thus the source of the pyritic quartz vein boulder in its vicinity was not found (Montgomery and Sparling, 2009).

In late 2009, a geochemical survey was conducted, on the Penhorwood Property, to evaluate a potential long quartz porphyry body for gold or base metal mineralization potential. Soil samples were collected from 160 sites. Three types of geochemical analysis consisting of soil geochemical, soil gas hydrocarbon (SGH) and metal mobile ion (MMI) were conducted on separate samples from each site.

The interpretation of the SGH survey results outlined an east-west trending REDOX cell in the survey area. The MMI-M survey delineated four distinctive MMI-M anomalies that were both multi-element and multi-sample in nature. The soil geochemical survey was successful in outlining a gold anomaly, a copper anomaly, four zinc anomalies and two nickel anomalies. A comparison of the anomalies outlined in the interpretations of the SGH, MMI and soil survey results has found two coinciding anomalies. The MMI Ni-Co-Ni/Cr with Ca, Ce and Mg anomaly (Lines 6+00E through 8+00E) coincides with the central Ni soil anomaly. The MMI Cu-Ca-Mg-Sr anomaly (Lines 16+00E through 20+00E) coincides exactly with the copper soil anomaly in the east central portion of the survey area (Montgomery, 2009c).

The most recent work conducted by Golden Chalice Resources on the Penhorwood Property was linecutting, a ground magnetic survey, a ground VLF-EM survey and an induced polarization survey over a potential quartz porphyry body (Grant, 2009, 2010a,

2010b and 2010c). This long quartz porphyry body is postulated by Ontario government geologists (Ayer and Trowell, 2002) to occur on claims 4207034 and 4207036. The exploration work was carried out from the last week in November 2009 till the end of March 2010.

DISCUSSION OF CORE DRILLING

Six holes totalling 965 metres, part of an ongoing diamond drilling program, were completed on the property from April 20 to May 15, 2010. The diamond drilling program employed one diamond drill rig provided by Bradley Brothers Inc. of Timmins, Ontario. Three drill holes were drilled to test separate chargeability high Induced Polarization anomalies. This was done to determine whether the anomalies where caused by disseminated sulphide mineralization and thus could be auriferous. Two holes (TW10-02 and 03) were drilled at the Ross Zinc Showing to determine the extent of the sphalerite mineralization observed on the surface. One hole (TW10-05) tested a soil gold-copper anomaly coinciding with a weak chargeability Induced Polarization anomaly.

Table 2 Penhorwood 2010 diamond Drill Holes

TARGET	HOLE	Grid E	Grid N	EASTING	NORTHING	LENGTH	Azimuth	DIP
Charg high	TW10-01	L3750E	4135	423863	5334436	172	330	-45
Zn showing	TW10-02	3564	4611	423512	5334799	125	335	-45
Zn showing	TW10-03	3564	4610	423512	5334799	164	**335**	**-60**
Charg high	TW10-04	L3250E	5100	423046	5335136	152	330	-45
Charg high	TW10-05	L1800E	45N	421704	5334532	176	360	-45
Charg high	TW10-06	L2100E	25N	421999	5334510	176	360	-45

A brief summary of each hole drilled is outlined below. Detail drill logs for each hole are found in Appendix A.

HOLE TW10-1

Location: 423863E/ 5334436N (GPS Nad 83)
Claim: 4207057
Dip: -45 Azimuth: 330
Length: 172 m
Target: Induced Polarization chargeability high.
Summary: The hole intersected the following stratigraphy (Appendix A):

0-7 m Overburden
7-11.8 Mafic Volcanic Flow (Basalt)
11.8-16.1 Feldspar Porphyry

16.1-43.4	Felsic Ash Tuff (Rhyodacite)
43.4-46.5	Feldspar Porphyry
46.5-70.5	Felsic Ash Tuff (Rhyodacite)
70.5-75	Feldspar Porphyry
75-76.1	Felsic Ash Tuff (Rhyodacite)
76.1-81.6	Biotitic Gabbro
81.6-97.3	Felsic Ash Tuff (Rhyodacite)
97.3-102	Feldspar Porphyry
102-117.5	Felsic Ash Tuff (Rhyodacite)
117.5-120.1	Quartz-Carbonate Vein
120.1-144.5	Felsic Ash Tuff (Rhyodacite)
144.5-146.25	Feldspar Porphyry
146.25-168.5	Felsic Ash Tuff (Rhyodacite)
168.5-172	Feldspar Porphyry
172 m	End of the hole.

Mineralization: Several disseminated pyrite zones (3-5%) occur within the felsic ash tuffs; at 16.1-21.1, 36.1-43.4, 56-61, 85-90, 106-111, 130-135, 143.5-147.2 and 164.5-168.5 m.

Target explanation: These disseminated pyrite zones are likely the cause of the targeted induced polarization chargeability high anomaly.

HOLE TW10-2

Location: 423512E/5334799N (GPS Nad 83)
Claim: 4207037
Dip: -45 Azimuth: 335
Length: 125 m
Target: Ross Zinc Showing
Summary: The hole intersected the following stratigraphy (Appendix A):

0-5.5 m	Overburden
5.5-21.7	Gabbro
21.7-59.9	Felsic Ash Tuff (Rhyodacite)
59.9-64.5	Feldspar Porphyry
64.5-88.3	Felsic Ash Tuff (Rhyodacite)
88.3-95	Sulphidic Chert Horizon
95-95.9	Semi-massive Sulphide Zone
95.9-125	Sheared Peridotite Flow
125 m	End of the hole.

Mineralization: The hole cut two disseminated sphalerite zones (38.6-44.1 m and 64.5-67.7

m) within felsic ash tuffs and a narrow semi-massive sulphide zone. This semi- massive sulphide zone (95-95.9 m) consists of predominantly pyrite followed by pyrrhotite and minor sphalerite. It occurs at the contact between a sulphidic chert horizon and peridotites.

HOLE TW10-3

Location: 423512E/5334799N (GPS Nad 83)
Claim: 4207037
Dip: -60 Azimuth: 335
Length: 164 m

Target: Ross Zinc Showing, based on the encouraging sulphide intersections in TW10-02, this hole undercut hole 2.

Summary: The hole intersected the following stratigraphy (Appendix A):

0-4.4 m	Overburden
4.4-35.2	Gabbro
35.2-79.8	Felsic Ash Tuff (Rhyodacite)
79.8-86.9	Feldspar Porphyry
86.9-124.6	Felsic Ash Tuff (Rhyodacite)
124.6-135.5	Sulphidic Chert Horizon
135.5-135.8	Semi-massive Sulphide Zone
135.8-164	Sheared Peridotite Flow
164 m	End of the hole.

Mineralization: The hole cut two disseminated sphalerite zones (56.7-69.3 m and 111.8-124.8 m) within felsic ash tuffs and a narrow semi-massive sulphide zone. This semi massive sulphide zone (135.5-135.8 m) consists of predominantly pyrrhotite followed by pyrite and minor sphalerite. It occurs at the contact between a sulphidic chert horizon and peridotites.

HOLE TW10-4

Location: 423046E/5335136N (GPS Nad 83)
Claim: 4207037
Dip: -45 Azimuth: 330
Length: 152 m

Target: Induced Polarization chargeability high and VLF-EM conductor.

Summary: The hole intersected the following stratigraphy (Appendix A):

0-10 m	Overburden
10-105.2	Altered Quartz Porphyry
105.2-152	Altered Peridotite Flow
152 m	End of the hole.

Mineralization: A disseminated pyrite zone (1-2%) occurs within the peridotite near the quartz porphyry intrusive.

Target explanation: This disseminated pyrite zone (113-119 m) is likely the cause of the targeted induced polarization chargeability high anomaly. The VLF-EM conductor is probably the result of a fracture/shear zone cut from 62-67 m downhole in the quartz porphyry.

HOLE TW10-5

Location: 421704E/5334532N (GPS Nad 83)
Claim: 4207036
Dip: -45 Azimuth: 360
Length: 176 m
Target: Soil MMI copper and gold anomaly.
Summary: The hole intersected the following stratigraphy (Appendix A):

0-19.4 m	Overburden
19.4-91.2	Altered Mafic Volcanic
91.2-94	Feldspar Porphyry
94-104.8	Altered Mafic Volcanic
104.8-105.8	Feldspar Porphyry
105.8-176	Andesite Massive Flows
176 m	End of the hole.

Mineralization: A weakly disseminated pyrite zone (0.5-1%) occurs within the altered mafic volcanics from 20 to 40.5 m down hole.

Target explanation: None at the present time until assay results are received.

HOLE TW10-6

Location: 421999E/5334510N (GPS Nad 83)
Claim: 4207036
Dip: -45 Azimuth: 360
Length: 176 m
Target: Induced Polarization chargeability high.
Summary: The hole intersected the following stratigraphy (Appendix A):

0-13 m	Overburden
13-55.9	Altered Mafic Volcanic (Basalt)
55.9-57.7	Feldspar Porphyry

57.7-115	Altered Mafic Volcanic (Basalt)
115-117.5	Feldspar Porphyry
117.5- 144.4	Altered Mafic Volcanic (Basalt)
144.4-163.3	Feldspar Porphyry
163.3-176	Altered Mafic Volcanic (Basalt)
176 m	End of the hole.

Mineralization: A wide pyrite disseminated zone (0.5-1%) is present within the altered mafic volcanics from 135-144.4 m.

Target explanation: This disseminated pyrite zone is likely the cause of the targeted induced polarization chargeability high anomaly.

Sections for these holes are found in the map pockets at the back of this report.

The drill core from the 2010 drilling program is currently stored at the Hastings Management Core Storage Facility located on Highway 629 (Airport Road), in Timmins, Ontario.

ANALYTICAL ANALYSIS

As of May 15, 2010 assay results had only been received for TW10-01 and as such are the only results reported. The assay results and the associated analytical costs of the remaining five holes will be reported at a later date.

A total of 80 drill core samples were selected for gold analysis from Hole TW10-01. These samples were dropped off by Golden Chalice Resources personnel to Cattarello Assayers Inc. of Timmins, Ontario, for analysis.

Each sample was logged in at Cattarello Assayers Inc.using "bar codes." Samples were dried prior to crushing the entire sample to 90% passing a -10 mesh screen. From the crushed coarse reject a sub-sample of approximately 300 grams was collected using a Jones riffle splitter. This 300 gram portion was completely pulverized to 90% passing a -200 mesh screen in a ring and puck pulverizer. A 0.5 g aliquot was collected, from each pulp.

All the drill core samples were analyzed for gold by lead fire assay atomic absorption finish on a 30 gram sample pulp. The detection limit for the lead fire assay atomic absorption method is 5 ppb for Au. If the sample result was greater than 1,000 ppb for any element then the sample pulp was re-analyzed by using a lead fire assay collector and a gravimetric

finish. The concentrations were reported as ppb.

Golden Chalice Resources Inc. employed a rigorous external *QA/QC* program for the drilling program. Four gold standards were inserted randomly into the sample stream as checks on the accuracy of the assaying conducted by Cattarello Assayers Inc. (approx 5% of the samples). The gold standards were obtained from WCM Minerals of Vancouver, Canada.

Table 3 Penhorwood Drilling Program Gold Standards

Std No.	Au g/t
PM-402	0.26
PM-417	2.09
PM-908	9.44

The external quality assurance program also consisted of inserting blank samples to detect any possible laboratory contamination. A sterile crushed quartz sample was randomly inserted by Golden Chalice Resources personnel. Four blank samples were randomly inserted into the sample stream sent to Cattarello Assayers Inc. (approx. 5% of the samples). All blank samples and standard samples are noted in the detail drill logs found in Appendix A.

Cattarello Assayers Inc. have an internal check analysis procedure which includes a repeat pulp analysis every 12th sample for every element analyzed. At Cattarello Assayers Inc., each furnace tray of 24 samples analyzed for gold, platinum and palladium included a laboratory reagent blank and a laboratory standard sample.

RESULTS AND RECOMMENDATIONS

The 2010 diamond drilling program tested three induced polarization chargeability anomalies, a copper-gold soil anomaly and the Ross Zinc Showing.

In hole TW10-01 the cause of the targeted induced polarization high chargability anomaly conductor is several disseminated pyrite zones (3-5%) occurring within felsic ash tuffs. All of the disseminated pyrite zones were sampled. A total of 80 drill core samples were assayed for gold and returned no gold values of significance (<35 ppb). No further work is recommended in the area of TW10-01.

The Ross Zinc Showing on the Penhorwood Property was drilled. Two holes (TW10-02

and 03) tested it and intersected two disseminated sphalerite zones within felsic ash tuffs and a narrow semi-massive sulphide zone at the contact between a sulphidic chert horizon and peridotites. Assay results are pending and should they be favorable further drilling may be recommended for the Ross Zinc Showing.

Hole TW10-04 intersected a disseminated pyrite zone within peridotites, in proximity to a quartz porphyry intrusive. The third induced polarization chargeability anomaly targeted was in hole TW10-06 where a wide pyrite disseminated zone was intersected within altered mafic volcanics. Hole TW10-05 tested an MMI soil copper-gold anomaly, no significant sulphide mineralization was intersected. Analytical results are pending for holes TW10-02 to 6.

It is recommended that future diamond drilling on the property be considered once the ongoing diamond drilling program is completed.

REFERENCES

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2009c Report of the 2009 Geochemical Survey on Golden Chalice Resources, Penhorwood Property, Porcupine Mining Division, Northeastern Ontario.

CERTIFICATE OF QUALIFICATIONS

I, J. Kevin Montgomery, of the City of Timmins, Province of Ontario, do hereby certify that:

(1) I am a professional Consulting Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8.

(2) I hold a B.Sc. Honours degree in Geological Sciences (1984) from Queen's University of Kingston, Ontario and a M.Sc. (App.) in Mineral Exploration (1987) from McGill University at Montreal, Quebec.

(3) I am a registered professional geoscientist with the Association of Professional Geoscientists of Ontario.

(4) This report is based on my supervision of the exploration work conducted on the Penhorwood Property in 2010.

(5) I have no personal interest in the property covered by this report.

(6) Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements but not for advertising purposes.

Dated at Timmins, Ontario
this 1st day of June, 2010

J. Kevin Montgomery, P.Geo., M.Sc. (App.)

APPENDIX A DRILL HOLE LOGS

APPENDIX B ANALYTICAL RESULTS

APPENDIX C SUMMARY OF EXPENDITURES

Golden Chalice Resources
Penhorwood Property
Diamond Drilling Program
Porcupine Mining Division
April 1 to June 1, 2010

Senior Geologists	$	15,641.25
Geological Field Technicians	$	9,337.50
Core Drilling	$	85,394.88
Core Shack Rental (1 month)	$	1,575.00
Exploration Supplies	$	851.87
Assaying	$	4,177.04
Truck Rental (1 months)	$	2,000.00
ATV Rental (1 months)	$	1,000.00
Fuel	$	832.98
Report Writing & Map Drafting	$	4,012.50
TOTAL	**$**	**124,823.02**

Distribution of Expenditures per Claim

Claim No	Hole	Length	Total drilled on claim	Portion of total drilling	claim expenditure
4207057	TW10-01	172	172	0.18	22,468
4207037	TW10-02	125			
4207037	TW10-03	164			
4207037	TW10-04	152	441	0.46	57,419
4207036	TW10-05	176			
4207036	TW10-06	176	**352**	0.36	44,936
	TOTAL	965	965		**124,832**

Certified by: *Kevin Montgomery*

Date: June 1, 2010

Note: This certificate has been constructed from the invoices submitted to Golden Chalice Resources.

Date: 31 May, 2010

GOLDEN CHALICE RESOURCES

Page: 1 of 6

Northing: 5334510.00
Easting: 421999.00
Elevation: 355.00

Collar Azi.: 360.0
Collar Dip: -45.0

Hole length: 176.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing
Collar survey: Handheld GPS
DH Survey method: Reflex

Comments: N/A
Logged by: J. Craig
Date(s) logged: May 12,13,14, 2010
Purpose: N/A
Core storage: Hastings Facility Timmins

DRILL HOLE RECORD

*** Dip Tests ***

Depth	Azi.	Dip
26	355.6	-45.1
77	.5	-44.6
128	358.2	-44.4
176	1.4	-44.2

Drill Hole: TW-10-06

Project: Timmins West
Property: Timmins West
Claim: 4207036
Northing: 25N
Easting: L21E
GPS Northing: 5334510
GPS Easting: 421999
Date Started: May 11, 2010
Date completed: May 14, 2010
Drilled by: Bradley Bros
Sample type: N/A
Analyses: N/A
Lab: N/A
Sample series: N/A
Lab report: N/A

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	13.50	OVERBURDEN 13.5m Casing.															
13.50	55.90	MAFIC V0LCANIC (UNDIFFERENTIATED) Fine grained, hard, dark grey to black to grey-green, heavily altered mafic volcanics, massive, bleaching alteration associated with pyrite, variable magnetics from strong to moderate to weak. Likely an altered basalt. Weak chlorite alteration, moderate pervasive ankerite alteration (stains blue), patchy brown-buff bleaching (could be sericite+ankerite), weak carbonate alteration, minor silicification, minor pinkish weak potassic alteration, weak-moderate epidote alteration, weak sericite alteration. Alteration heightened where veining increased. Good RQD of 85%. Weak fracturing at 50 degrees to core axis with minor carbonate filling fractures. ~5% quartz+/-carbonate veining at ~65-70 degrees to core axis and cross-cutting at 40 degrees to core axis, up to 1% hair-like iron-carbonate stringers at 65 degrees to core axis, carbonate veins have variable thickness from hair-like to 3-4cm thick															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		pink calcite veins, some veins have bleached buff-brown halos or are associated with bleaching. 0.5-1% Fine grained disseminated pyrite, ~1-2% mainly in bleached buff/variably altered sections. Weakly to moderately sheared in some sections namely bleached buff to grey-green variably altered sections, sheared at ~50-60 degrees to core axis. Cross-cutting microfractures at various angles and ptygmatic folding of veins.															
		13.50 14.90 Sheared grey-green with rusty iron carbonate at 50-60 degrees to core axis, iron-carbonate altered mafic dyke?															
		14.40 Iron-carbonate rusty veining at 60-70 degrees to core axis over 40cm.															
		Dark grey to black mafic volcanics are generally more magnetic than the lighter, more altered sections.															
		18.90 23.60 Medium grey to grey-green, fine grained section with moderate shearing at 55 degrees to core axis, epidote alteration, minor bleaching and buff epidote alteration halos around carbonate veins.															
		22.10 22.30 RQD of 10%, broken core section.															
		36.90 37.70 Grey-green epidote+red aplite altered section.															
		37.70 38.50 Deep red-maroon coloured alteration, fine grained, possibly red aplite.															
		38.50 43.90 Grey-green, fine grained, variably altered section to red aplite, epidote, and sericite bleaching alteration with milky white folded/deformed stringers.															
		39.70 40.50 Bleached section with sericite alteration, shearing at 50-60 degrees to core axis and 1-2% fine grained pyrite along shear.															
		41.80 42.10 RQD of 25%, broken core section.															
		Sharp lower contact in fractured core at 50 degrees to core axis.															
55.90	57.50	FELDSPAR PORPHYRY															
		Fine grained matrix, green-grey to brownish in colour, very hard, non-magnetic, felsic intrusive, feldspar porphyry with ~1-1.5mm euhedral-subhedral altered plagioclase phenocrysts. Silicification, minor epidote alteration.															
		RQD of 90% with weak fracturing at 55 degrees to core axis.															
		Up to 1% thin hair-like carbonate veins at 55-60 degrees to core axis, and a thin quartz vein at 5-10 degrees to core axis, few hair-like chlorite															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		stringers at 60 degrees to core axis.															
		No visible sulphides.															
		8-10% Altered greyish-buff plagioclase phenocrysts.															
		Sharp lower contact at 35-40 degrees to core axis.															
57.50	115.00	MAFIC V0LCANIC (UNDIFFERENTIATED)															
		Fine grained, hard, dark grey to black to grey-green, altered mafic volcanics, massive, bleaching alteration associated with pyrite, variable magnetics from strong to moderate to weak. Likely an altered basalt. Weak somewhat pervasive ankerite alteration (stains blue), patchy brown-buff bleaching (could be sericite+ankerite), weak carbonate alteration, minor silicification, minor reddish pink aplite alteration, weak-poor hematite alteration, weak-moderate epidote alteration, weak sericite alteration. Alteration heightened where veining increased. Good RQD of 90%, weak fracturing. Veining predominantly consists of quartz+/-carbonate veins at 60-70 degrees to core axis and epidote altered veins at 60 degrees to core axis, some red hematite filled veins. Veins are generally along a shear sense of 60 degrees to core axis, but many are folded and deformed. Sulphides consist of finely disseminated pyrite, trace to 0.5%, associated with epidote and sericite alteration mainly. Micro-faults/fractures secondary structures at ~65 degrees to core axis clearly visible by offsetting veins.														
	59.95	60.50 Feldspar porphyry dyke, very hard, brownish, non-magnetic, felsic intrusive, sharp contact at 45 degrees to core axis.															
	78.40	20-30cm long white quartz vein at 60 degrees to core axis with 5% sheared mafic epidote altered angular fragments.															
	78.40	80.40 Sheared, buffish orange epidote alteration in grey-green volcanics section with fine grained pyrite and a brecciated texture.															
	85.50	89.70 Sheared, buffish orange epidote alteration in grey-green volcanics section with fine grained pyrite.															
	87.50	88.30 Brecciated lensitic of quartz, grey-green mafic volcanics and epidote altered fragments at 40 degrees to core axis.															
	105.20	105.80 Hard, siliceous, grey, porphyritic															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		dyke at 50-60 degrees to core axis.															
		107.00 113.00 Bright yellow to buff, bleached/sericite altered and epidote altered sequence, appears as bands of sericite alteration and darker grey unaltered bands of variable thickness, sheared/foliated at 70-80 degrees to core axis and folded, mineralized with ~1% fine grained pyrite, moderate ankerite alteration.															
		108.90 Isoclinal folding, folded axis approximately 70 degrees to core axis.															
		Sharp lower contact at 55-60 degrees to core axis.															
115.00	117.50	FELDSPAR PORPHYRY															
		Very hard, siliceous, grey, porphyritic dyke, likely a feldspar porphyry (similar to porphyrys in the area, less altered).															
		Pevasive siliceous alteration.															
		Good RQD of 90%, weak fracturing.															
		1-2% Thin hair-like calcite stringers at 45-50 degrees to core axis and crosscutting at 70 degrees to core axis.															
		No visible sulphides.															
		115.80 116.30 Fine grained, grey, mafic dyke at 50 degrees to core axis.															
		Sharp lower contact at 45 degrees to core axis.															
117.50	144.40	MAFIC V0LCANIC (UNDIFFERENTIATED)															
		Fine grained, hard, dark grey to black to grey-green, altered mafic volcanics with variable bands of bleached sericite and epidote alteration, bleaching alteration often associated with pyrite, variable magnetics. Likely an altered basalt.															
		Weak to moderate patchy ankerite alteration (stains blue), patchy brown-buff bleaching (could be sericite+ankerite), weak carbonate alteration, minor silicification, weak-moderate epidote alteration, weak sericite alteration.															
		Good RQD of 90%, weak fracturing.															
		Veining predominantly consists of quartz+/-carbonate veins at 60-70 degrees to core axis and epidote altered veins at 60 degrees to core axis. Veins are generally along a shear sense of 60 degrees to core axis, but many are folded and deformed.															
		Sulphides consist of finely disseminated pyrite, trace to 0.5%, associated with epidote and sericite alteration mainly.															
		36.00 Up to 1% fine grained disseminated and stringer pyrite seen around 36m for ~5m.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		Deep red-maroon coloured alteration, fine grained, likely hematite altered. Sharp lower contact at 50 degrees to core axis.															
144.40	163.30	FELDSPAR PORPHYRY															
		Very hard, siliceous, grey, likely a dyke of feldspar porphyry (similar to porphyrys in the area, less altered), non-magnetic, 2% fine grained up to 1mm in size pale yellow sericite disseminations in porphyry matrix. Pevasive siliceous alteration, minor epidote alteration. Good RQD of 90%, weak fracturing. 2% Calcite stringers, mostly thin hair-like at 45-60 degrees to core axis, few 1-2cm pink calcite veins at 40 degrees to core axis, with few quartz+/-carbonate veins at 70 degrees to core axis. Generally ~0.5% fine grained pyrite, up to 2% pyrite near small dyke.														
		145.20 147.40 Buff-orange bleached siliceous segment appearing as an altered quartz+carbonate+epidote vein system.															
		148.20 10cm grey segment (possibly a dyke) with moderate shearing at 60-70 degrees to core axis.															
		161.40 10-15cm long grey, fine grained, hard, siliceous, sheared mafic dyke?, sheared at 70 degrees to core axis, with contact at 70 degrees to core axis and up to 2% pyrite at lower contact area.															
		Sharp lower contact at ~75-80 degrees to core axis.															
163.30	176.00	MAFIC V0LCANIC (UNDIFFERENTIATED)															
		Fine grained, hard, dark grey to medium grey to reddish where hematite altered, altered mafic volcanics. Heavily quartz+ankerite veined at chaotic angles. Weak pervasive bleaching from ankerite alteration and veining. Non-magnetic. Likely an altered basalt. Moderate to strong pervasive ankerite alteration (stains blue), weak bleaching (due to ankerite), moderate silicification, weak epidote alteration, patchy red alteration. Good RQD of 90%, weak fracturing. Veining predominantly consists of 10-15% deformed white and grey quartz+/-ankerite veins at various degrees to core axis. Sulphides consist of finely disseminated pyrite, trace to 0.5%, associated with epidote and sericite alteration mainly.														

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		168.00 Unit is relatively unaltered until approximately 167.5-168m.															
		166.90 167.50 Very hard, siliceous, reddish to grey, porphyry dyke.															
		169.00 Strong quartz+ankerite veining/alteration begins.															
176.00		END OF HOLE															

Date: 31 May, 2010

GOLDEN CHALICE RESOURCES

Page: 1 of 5

Northing:	5334532.00
Easting:	421704.00
Elevation:	353.00
Collar Azi.:	360.0
Collar Dip:	-45.0
Hole length:	176.00
Units:	Metric
Core size:	NQ
Grid:	Metric 2007
Materials left:	Casing
Collar survey:	Handheld GPS
DH Survey method:	Reflex
Comments:	N/A
Logged by:	J. Craig
Date(s) logged:	May 10, 2010
Purpose:	N/A
Core storage:	Hastings Facility Timmins

DRILL HOLE RECORD

*** Dip Tests ***

Depth	Azi.	Dip
29	1.6	-45.1
80	359.5	-44.8
131	.6	-44.8
176	1.8	-44.6

Drill Hole:	TW-10-05
Project:	Timmins West
Property:	Tinnins West
Claim:	4207036
Northing:	45N
Easting:	L1800E
GPS Northing:	5334532
GPS Easting:	421704
Date Started:	May 8, 2010
Date completed:	May 10, 2010
Drilled by:	Bradley Bros
Sample type:	N/A
Analyses:	N/A
Lab:	N/A
Sample series:	N/A
Lab report:	N/A

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	19.40	OVERBURDEN															
		19.4m Casing with 2.2 metre felsic volcanics in casing, likely a boulder.															
19.40	91.20	MAFIC V0LCANIC (UNDIFFERENTIATED)															
		Fine grained, hard, dark grey to black to grey-green, heavily altered mafic volcanics, massive, bleaching alteration associated with pyrite, variable magnetics from strong to moderate to weak. Strongly magnetic where darker and fine grained black magnetite present, may be the cause of the anomaly.															
		Weak to moderate chlorite alteration, moderate pervasive ankerite alteration, patchy brown-buff bleaching (could be sericite+ankerite), weak carbonate alteration, minor silicification, minor pinkish weak potassic alteration, weak-moderate epidote alteration, weak sericite alteration, weak very minor reddish hematite alteration. Alteration heightened where veining increased.															
		Good RQD of 80-85%.															
		Weak fracturing at 60-70 degrees to core axis with minor quartz+/-carbonate filling fractures.															
		2-5% Quartz+/-carbonate veining at 50-70 degrees to core axis and cross-cutting at 5-10 degrees to core															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		axis, some veins have bleached buff-brown halos or															
		are associated with bleaching.															
		Sulphides mainly consist of finely disseminated to															
		stringer pyrite, 0.5-1% with few pyrite blebs, and															
		fine grained pyrite 1-2% associated with bleached															
		brown alteration. Trace chalcopyrite.															
		Weak shearing but where obvious shear sense is															
		~60-65 degrees to core axis.															
		Unit appears somewhat fragmental with spots of															
		angular potassic and epidote altered fragments,															
		~1-3% in frequency.															
		36.50 38.00 Brown to buff, fine grained, bleached															
		possibly sericite+ankerite altered															
		section with a mottled appearance and															
		veining at 60 degrees to core axis and															
		crosscutting at 5 degrees to core axis.															
		42.40 43.00 Brown to buff, fine grained, bleached															
		possibly sericite+ankerite altered															
		section with three 10cm long white															
		quartz veins/sections hosting trace															
		chalcopyrite and pyrite.															
		44.30 Mottled yellow epidote alteration over															
		40 cm.															
		46.00 30cm weak reddish-grey hematite															
		alteration.															
		47.60 48.00 Epidote and salmon colored potassic															
		alteration along shear.															
		49.70 50.00 Chlorite and epidote alteration in a															
		heavily quartz veined section.															
		49.70 57.60 Lighter grey to grey-green, hard,															
		possible pillow breccia (pillows															
		developed more obviously at 57m), ~10%															
		quartz+/-carbonate veined section															
		(veins white, hair-like to 3cm thick															
		and trending 70 degrees to core axis															
		and crosscutting at 50 degrees to core															
		axis) with minor bleaching and minor															
		epidote and sericite alteration mainly															
		as vein alteration halos. Mineralized															
		with 0.5-1% fine grained pyrite.															
		51.90 Rusty iron carbonate staining on															
		fractured surfaces.															
		55.90 57.10 Circular pillow selvages observed and															
		more obvious, better defined by															
		chlorite and carbonate stringers, up to															
		10-15cm in size, likely an altered															
		pillow breccia.															
		58.50 60.30 Potassic altered dark grey, very hard,															
		porphyritic section with contacts at 50															
		degrees to core axis. 5-10% phenocrysts															
		of potassic altered feldspars.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		Carbonate stringers with 1cm long epidote alteration halos.															
		61.80 62.20 Potassic altered dark grey, very hard, porphyritic section. 5% phenocrysts of potassic altered feldspars.															
		62.20 Unit switches to darker grey and visibly less altered, ankerite stains blue where core fades out of the darker grey and into a medium grey section. 2-3% quartz+/-carbonate veins at 70 and 50 degrees to core axis, some carbonate veins also have reddish hematite and purplish flourite, also few quartz+carbonate veins are vuggy.															
		70.80 Lighter grey ankerite altered section with 3% quartz+/-carbonate veining.															
		77.00 Quartz+carbonate vein at 70 degrees to core axis, 20cm thick, white, hard, with 10-15% angular sheared mafic volcanic fragments 0.5-3cm in size.															
		81.30 84.90 30cm of strongly bleached alteration, epidote alteration, after epidote alteration is patchy in segments 20cm long.															
		Sharp lower contact at 40-50 degrees to core axis.															
91.20	94.00	FELDSPAR PORPHYRY															
		Fine grained matrix, buff-orange in color, very hard, non-magnetic, felsic intrusive, feldspar porphyry with ~1-1.5mm euhedral-subhedral white altered plagioclase phenocrysts.															
		Weak-moderate orangish potassic alteration and moderate silicification.															
		Good RQD of 90% with very weak fracturing.															
		Up to 1% thin hair-like carbonate stringers at 40 and 60 degrees to core axis.															
		No visible sulphides.															
		~20-30% plagioclase phenocrysts.															
		91.20 92.00 Unit is fine grained and grayish with lesser phenocrysts as a result of contact metamorphism.															
		Sharp lower contact at 50 degrees to core axis.															
94.00	104.80	MAFIC V0LCANIC (UNDIFFERENTIATED)															
		Fine grained to medium grained (variable textures), hard, dark grey to black to grey-green where more bleached and veined, altered mafic volcanics, massive, patchy magnetism. Weak chlorite alteration, weak ankerite alteration, patchy buff bleaching (could be sericite+ankerite), weak carbonate alteration, minor weak pink potassic															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		alteration, weak epidote alteration. Alteration															
		heightened where veining increased.															
		Good RQD of 85% with weak fracturing.															
		3-8% (more frequent where unit is grey-green, more															
		altered/bleached) quartz+/-carbonate stringers at															
		60 degrees to core axis and 45 degrees to core axis.															
		Trace to 0.5% disseminated pyrite.															
		~1-2% buff-beige fine grained 1-2mm long linear															
		epidote disseminations throughout matrix.															
		101.60 104.80 Lighter grey-green, more heavily															
		altered/bleached/and veined section,															
		possible pillow selvages, could be a															
		section of pillow breccia.															
		102.00 30cm broken core section, RQD of 30%.															
		103.60 103.90 White quartz vein at 70 degrees to															
		core axis with trace pyrite and trace															
		blue-green fuchsite and 5% angular															
		epidote altered mafic volcanic															
		fragments with ~10-20cm of bleaching															
		on both sides of vein.															
		Weak shearing noted in bleached areas at ~70															
		degrees to core axis.															
		Sharp lower contact at 40 degrees to core axis.															
104.80	105.80	FELDSPAR PORPHYRY															
		Fine grained matrix, buff-orange in color, very															
		hard, non-magnetic, felsic intrusive, feldspar															
		porphyry with ~1-1.5mm euhedral-subhedral white															
		altered plagioclase phenocrysts.															
		Weak-moderate orangish potassic alteration and															
		moderate silicification.															
		Good RQD of 85% with very weak fracturing.															
		Up to 1% thin quartz+carbonate stringers at 30 and															
		60 degrees to core axis, few thin hair-like															
		chlorite stringers at 60 degrees to core axis.															
		No visible sulphides.															
		~10% plagioclase phenocrysts.															
		Sharp but irregular lower contact at 35 degrees to															
		core axis.															
105.80	176.00	ANDESITE MASSIVE FL0W															
		Fine grained to medium grained (variable textures)															
		likely an andesitic flow, hard, dark grey to black,															
		altered mafic volcanics, massive, patchy magnetism.															
		Weak chlorite alteration, weak ankerite alteration,															
		patchy buff bleaching (could be sericite+ankerite),															
		weak carbonate alteration, minor weak pink potassic															
		alteration, weak epidote alteration. Alteration															
		heightened where veining increased.															
		Good RQD of 85%, weak fracturing at 60 degrees to															
		core axis.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		1-5% Thin hair-like carbonate stringers at 60 degrees to core axis, epidote stringers at 50-60 degrees to core axis, 1% quartz veining at 70 degrees to core axis to veins are deformed and folded with ptygmatic folds. Minor finely disseminated pyrite, ~0.5%. Unit is mostly dark grey with 10-20cm blotches of mixed alteration, mainly epidote, some minor bleaching. Micro-faults/fractures at ~65 degrees to core axis.															
		124.50 20cm white quartz vein at 40 degrees to core axis with 5% mafic fragments and trace to 0.5% pyrite.															
		155.00 Unit grades from dark grey to a medium dark grey with more frequent quartz+/- carbonate veining (~5-7%) and more alteration with minor bleaching, minor potassic alteration, and epidote alteration.															
		161.60 162.60 Siliceous zone of grey quartz, epidote alteration and 0.5-1% pyrite.															
		171.50 1-2cm quartz vein at 50-60 degrees to core axis.															
		172.30 172.90 4cm thick quartz vein at 10 degrees to core axis, with magnetite in vein making it very magnetic.															
176.00		END OF HOLE															

Date: 31 May, 2010

GOLDEN CHALICE RESOURCES

DRILL HOLE RECORD

Northing:	5335136.00
Easting:	423046.00
Elevation:	352.00
Collar Azi.:	330.0
Collar Dip:	-45.0
Hole length:	152.00
Units:	Metric
Core size:	NQ
Grid:	Metric 2007
Materials left:	Casing
Collar survey:	Handheld GPS
DH Survey method:	Reflex
Comments:	N/A
Logged by:	J. Craig
Date(s) logged:	May 6,10, 2010
Purpose:	N/A
Core storage:	Hastings Facility Timmins

*** Dip Tests ***

Depth	Azi.	Dip
20	332.1	-45.9
71	333.0	-45.7
122	332.9	-45.6
152	332.1	-45.7

Drill Hole:	TW-10-04
Project:	Timmins West
Property:	Timmins West
Claim:	4207037
Northing:	N/A
Easting:	N/A
GPS Northing:	5335136
GPS Easting:	423046
Date Started:	May 4, 2010
Date completed:	May 7, 2010
Drilled by:	Bradley Bros
Sample type:	N/A
Analyses:	N/A
Lab:	N/A
Sample series:	N/A
Lab report:	N/A

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	10.00	OVERBURDEN 10m Casing.															
10.00	105.20	FELSIC INTRUSIVE (UNDIFFERENTIATED) Medium to coarse grained, pink-orange salmon to buff colored, very hard, non-magnetic, massive, homogeneous. Quartz, and few mafic phenocrysts. Possibly a quartz-porphyry. Pervasive potassic pink alteration, moderate silicification alteration, weak epidote alteration (buff epidote disseminations seen throughout core), minor sericite along slip selvages and patchy bleaching, weak chlorite alteration. Good RQD of 70-75% with several more broken lower RQD segments. Weak fracturing at 40-60 degrees to core axis with minor white quartz filling fractures. Few thin hair-like dark chlorite veinlets at 50 degrees to core axis, and cross-cutting at 80 degrees to core axis, ~1% white quartz veins at 40 degrees to core axis and 10 degrees to core axis ~1-2cm wide with disseminated pyrite and pyrite blebs as well as trace silvery possible arsenopyrite, up to 1% pink calcite veinlets at 60 degrees to core axis.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		0.5% Fine grained disseminated pyrite with few coarse cubic grains/blebs that make up to 2% pyrite, 0.5-2% pyrite in few quartz veins and possible trace silvery arsenopyrite. Possible quartz porphyry with up to 10% small 1mm size clear quartz phenocrysts. Yellow to greenish epidote fine grained grains/disseminations, ~2-5%.															
		31.50 31.80 205-30cm long white quartz vein with finely disseminated pyrite and possible trace arsenopyrite.															
		35.60 39.70 Pink-grey alteration, coarser grained, more mafic looking with more concentrations of chlorite phenocrysts.															
		50.50 15cm long 3-4cm thick white quartz vein with a 1cm band of coarse 1-2% pyrite along one edge of the vein at 40-50 degrees to core axis.															
		54.00 Semi-massive fine grained fragment of 5% pyrite along fracture at 40 degrees to core axis.															
		56.00 57.00 Broken core section, RQD of ~40%.															
		56.40 56.50 10cm long mafic dyke, chlorite and schistose texture with bleached contacts, sheared at ~80 degrees to core axis.															
		61.40 62.00 1-2cm thick quartz veins at 40 degrees to core axis and 10 degrees to core axis in more bleached section with 1% pyrite in large blebs in veins.															
		62.00 67.00 Medium grey, medium grained, chlorite altered section with weak potassic alteration and trace to 0.5% pyrite.															
		62.00 67.00 Broken core section, RQD of ~20% coincident with chlorite alteration.															
		73.00 Less pink potassic alteration, unit is a more buff-grey color as it grades into bleached orangish alteration.															
		77.70 84.00 Unit is bleached to light white-orange with fine grained disseminated pyrite.															
		78.70 79.10 Foliated/deformed alteration lensitic of mix of potassic and green possibly weak chlorite alteration with fine grained 1% pyrite, weakly foliated at 70 degrees to core axis and folded milky-white thin quartz veinlets and sharp contacts at 50 degrees to core axis.															
		84.00 94.00 Potassic alteration with coarser chlorite phenocrysts.															
		94.00 100.20 Alteration is less potassic altered															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		and now light grey with weak chlorite alteration and minor bleaching.															
		100.20 103.70 Unit is gradually more red/maroon in color, possibly a mix of chlorite, potassic alteration and silicification with possible hematite alteration, possibly a result of contact metamorphism with lower unit.															
		103.70 105.20 Alteration gradually switches out of reddish/maroon alteration and into grey chlorite alteration at contact area.															
		103.70 105.20 Broken core section, RQD of ~25-30%, coincident with grey chloritic alteration.															
		Irregular lower contact ~80 degrees to core axis.															
105.20	152.00	PERIDOTITE															
		Dark grey to black, fine grained, hard, non-magnetic, homogeneous, chlorite+ankerite altered peridotite.															
		Moderate chlorite alteration, weak-moderate serpentine alteration, pervasive weak-moderate ankerite alteration (stained blue), patchy talc alteration, possible weak fuchsite alteration (pale green+ankerite alteration), potassic and silicified alteration near end of hole.															
		Good RQD of 75% with moderate fracturing and carbonate filling fractures.															
		Up to 10% strong veining of grayish white ankerite (stained blue)+/-white calcite generally along shear but also crosscutting at 80 degrees to core axis and 5-10 degrees to core axis.															
		General shear sense of 50 degrees to core axis.															
		Mineralization consists of ~0.5-1% fine grained pyrite, 2-3mm rounded blebs/nodules of pyrite often with a carbonate rim, larger 1-4cm long blebs as well, ~1%, 0.5-2% pyrite filling carbonate veinlets, trace sphalerite and galena.															
		115.80 1-2% pyrite with trace reddish sphalerite and trace galena and red hematite.															
		126.50 127.20 Fine grained, very hard, grey, probably mafic, dyke with sharp contact at 80 degrees to core axis.															
		140.20 140.70 Fine grained, very hard, grey-purplish red, probably mafic with weak potassic alteration and silicification, dyke with sharp contact at 50 degrees to core axis.															
		144.50 147.70 Fine grained to medium grained,															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		reddish, very hard, silicified and potassic altered section with 2-3% quartz+/-carbonate stringers at 60-70 degrees to core axis with small quartz blebs in stringers and finely disseminated throughout altered section.															
		148.90 1-2% large 2cm long cubic pyrite crystals.															
		149.30 152.00 Fine grained to medium grained, mottled reddish to grey, alteration doesn't look as continuous as above, more mafic mottling, very hard, silicified and potassic altered section with 1% quartz+/-carbonate stringers at 60-70 degrees to core axis with small pyrite blebs in stringers and finely disseminated throughout altered section.															
152.00		END OF HOLE															

Date: 1 Jun, 2010 | GOLDEN CHALICE RESOURCES | Page: 1 of 6

Northing:	5334800.00	Drill Hole:	TW-10-03
Easting:	423515.00		
Elevation:	356.00	Project:	Timmins West
		Property:	Timmins West
Collar Azi.:	335.0	Claim:	4207037
Collar Dip:	-60.0	Northing:	N/A
		Easting:	N/A
		GPS Northing:	5334800
Hole length:	164.00	GPS Easting:	423515
Units:	Metric	Date Started:	April 27, 2010
Core size:	NQ	Date completed:	April 30, 2010
Grid:	Metric 2007	Drilled by:	Bradley Bros
		Sample type:	N/A
Materials left:	Casing	Analyses:	N/A
Collar survey:	Handheld GPS	Lab:	N/A
DH Survey method:	Reflex	Sample series:	N/A
		Lab report:	N/A
Comments:	N/A		
Logged by:	J. Craig		
Date(s) logged:	April 30, May 3-4, 2010		
Purpose:	N/A		
Core storage:	Hastings Facility Timmins		

DRILL HOLE RECORD

*** Dip Tests ***

Depth	Azi.	Dip
17	329.5	-58.7
68	327.4	-58.3
119	334.7	-58.2
164	331.1	-58.2

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	4.40	OVERBURDEN 7m Casing.															
4.40	35.20	GABBRO Coarse grained to medium grained, black to dark grey, melanocratic gabbro, hard to very hard, weak magnetism, homogeneous, massive. Chlorite alteration. Good RQD of 90%, weak fracturing. Finely disseminated pyrite increasing with depth with round pyrite grains near end, up to 0.5-1%. Few patchy 5cm long leucogabbroic sections, and 1% 1cm altered orange phenocrysts appearing with depth. Gabbro grades from coarse grained to medium grained and down to fine grained at ~30m. Rare 1% angular pink-orange potassic altered fragments seen down unit.														
35.20	79.80	FELSIC TUFF 35.20 Fragments increase in prevalence to 10-15%, with blocky angular felsic fragments up to 10cm in size concentrated at fragmental lower contact over 2m. Fine grained ash, very hard, dark to lighter grey															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		where chlorite altered, buffish where sericite altered, magnetic where mineralized otherwise patchy, foliated/bedded, felsic ash tuff, likely rhyodacite in composition. Chlorite alteration, siliceous alteration, weak carbonate alteration, sericite alteration. Good RQD of 90%, weak fracturing. ~1% carbonate stringers at 50 degrees to core axis, hair-like chlorite stringers at 50 degrees to core axis, few hair-like red-brown hematite stringers, 1% quartz-carbonate veins up to 5cm thick. Calcite veining more concentrated in sericite altered sections. Foliation/shear sense of ~45-50 degrees to core axis with thin ash, chlorite and lesser magnetite beds. Fine grained pyrite throughout unit, concentrated as stringers along shear planes, with few vuggy pyrite bands, 1-5%. Reddish and honey brown to rusty sphalerite disseminations, up to 1-3% and in stringers. Honey brown sphalerite seems to fringe on the reddish-maroon so-called 'black-jacks sphalerite which are mostly observed together in mixed chlorite and sericite altered or chlorite dominant altered sections. Few silvery/bluish galena disseminations within the 'black-jacks sphalerite (trace to 0.5%). Upper contact is fragmental over 2m with a mix of mafic gabbro and felsic fragments. Reddish sphalerite dissemination 2cm thick noted to up to 1-2% with trace galena in fragmental upper contact area at 36.7 over 20cm.														
		36.80 38.00 Tuff has a purplish-grey coloration, likely due to a combination of silicification and hematite alteration.															
		52.10 10cm 5cm thick quartz-carbonate vein at 50 degrees to core axis with up to 1% pyrite.															
		54.20 56.70 Grey-green, very hard, tuff has a chloritic schistose texture.															
		35.20 60.50 Darker grey chlorite alteration dominates.															
		58.70 59.10 Massive, homogeneous, hard, possible intermediate dyke with contacts at 50 degrees to core axis with trace finely disseminated pyrite.															
		60.50 67.10 Mix of weak-moderate chlorite and sericite alteration. Honey brown (~1-1.5%) and 'black-jacks (up to 2-3%) sphalerite bands, up to 1.5cm thick with bands of 2-3% pyrite.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		67.10 74.20 Buff-buff green sericite alteration dominates with more carbonate alteration and 3-5% calcite stringers.															
		74.20 76.20 Tuff is dark grey, chlorite altered with a schistose texture.															
		76.20 Sericite alteration more intense with bright yellow-green coloration, more homogeneous with 5-7% calcite stringers with pyrite and pyrrhotite within them, a mix of chlorite+sericite ~1m above lower contact.															
		Sharp lower contact at 45 degrees to core axis.															
79.80	86.90	FELDSPAR PORPHYRY															
		Pale grey to buff grey, hard, homogenous, medium to fine grained matrix with 10% up to 2mm plagioclase phenocrysts.															
		Patchy yellow sericite alteration, moderately silicified (more so at upper contact).															
		Good RQD of 90%, weak fracturing at 60 degrees to core axis with minor calcite filling fractures.															
		2-5% Quartz+/-carbonate stringers at 40-50 degrees to core axis, 1-2% calcite stringers at 70 degrees to core axis.															
		Few micro-faults at 80 degrees to core axis.															
		Finely disseminated pyrite (fine grained to cubic) and disseminated pyrrhotite blebs mainly in quartz+/-carbonate veins and carbonate gash veining.															
		Sharp lower contact at 45-50 degrees to core axis.															
86.90	124.60	FELSIC TUFF															
		Fine grained ash, very hard, dark to lighter grey where chlorite altered, buffish where sericite altered, magnetic where mineralized otherwise patchy, foliated/bedded, felsic ash tuff, likely rhyodacite in composition.															
		Chlorite alteration (dominant), siliceous alteration, weak carbonate alteration, weak sericite alteration.															
		Good RQD of 85-90% with weak fracturing and minor 5cm broken sections of core.															
		Weak fracturing along shear of 40-50 degrees to core axis with dark grey-green chlorite generally thinly filling fractures.															
		Shear foliation/ash bedding at 40-50 degrees to core axis. Thin ash layers mostly consist of chlorite altered fine grained ash tuff that’s dark grey and rarely bleached to buff-yellow where weak and rare sericite alteration is present. Tuff ash beds are variably silicified down hole.															
		1-2% Calcite veins at 50-60 degrees to core axis,															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		some along foliation, some cross-cutting foliation at 45-60. Secondary structures of micro-faults cutting core at 60 degrees to core axis and 80 degrees to core axis, most obvious at 105m depth. Fine grained pyrite throughout unit, concentrated as stringers along shear planes, with few vuggy pyrite bands, 1-5%. Reddish and honey brown to rusty sphalerite disseminations, up to 1-3% and in stringers along shear or disseminations. Honey brown sphalerite dominates this sequence with lesser reddish-maroon so-called 'black-jacks sphalerite. Few silvery/bluish galena disseminations within the 'black-jacks sphalerite (trace to 0.5%). Pyrite+pyrrhotite stringers along shear and secondary cross-cutting ?.														
		86.90 98.40 Unit begins with dominant grey chlorite alteration.															
		98.40 100.50 Unit is more intensely silicified.															
		104.00 Pyrrhotite frequenting shear stringers with pyrite as well as some potassic altered grains/disseminations															
		105.20 Alteration gradually switches to dominantly buff-yellow sericite alteration with weak red-purple hematite alteration along shear with 5% calcite stringers at 50 degrees to core axis and crosscutting at 70-80 degrees to core axis, and 1% pyrrhotite+ 2-3% pyrite in stringers along shear.															
		112.20 112.60 Chloritic mafic dyke at 50 degrees to core axis.															
		Lower contact at 40 degrees to core axis.															
124.60	135.80	MINERALIZED CHERTY/SILICIFIED ZONE															
		Grey to white, very hard, magnetic bands of pyrrhotite and magnetite, 75-80% chert/quartz, foliated, mineralized with several semi-massive to massive pyrite and pyrrhotite sub-units. Intense silicification, moderate dark green chlorite banded alteration, more pervasive and strong with depth of the unit. Good RQD of 90%+ with weak fracturing. Foliated/sheared at 40-50 degrees to core axis. Mineralization generally exists as stringer (along foliation) and disseminated pyrite to massive pyrite sections. Pyrite content is ~2-10% but up to 65% where massive. Stringers are often pyrite+pyrrhotite along foliation but few are cross-cutting along fractures/faults. Pyrrhotite														

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		content generally is ~1-5%, but up to 35% where															
		semi-massive.															
		124.80 125.40 20-30% semi-massive pyrite, trace to 0.5% 'black-jacks sphalerite cherty semi-massive pyrite section.															
		125.40 126.00 20-65% pyrite, 2-5% pyrrhotite, trace sphalerite cherty semi-massive pyrite section.															
		129.90 130.30 3-5% pyrite, 35-50% semi-massive pyrrhotite section.															
		135.50 135.80 10-15% semi-massive pyrite, up to 1% sphalerite, 30-45% semi-massive pyrrhotite section.															
		127.30 Dark-green grey, more intensely chlorite altered section with more black sphalerite stringers and a few semi-massive pyrite and pyrrhotite sections.															
		Lower contact marked by appearance of fuchsite alteration at ~40 degrees to core axis.															
135.80	164.00	PERIDOTITE															
		Green-grey, to dark grey to black, fine grained, hard, non-magnetic, chlorite+/-fuchsite+/-ankerite altered peridotite with possible mafic unsheared dykes.															
		Patchy weak to moderate fuchsite alteration, strong chlorite alteration, weak-moderate serpentine alteration, pervasive weak-moderate ankerite alteration (stained blue), talc alteration at end of hole and weak-moderate hematite alteration along one section.															
		Good RQD of 80% with weak-moderate fracturing around 40-50 degrees to core axis (along shear) with weak chlorite/serpentine filling fractures.															
		General shear sense/foliation of 35-50 degrees to core axis.															
		Up to 10% white-grey ankerite+chlorite stringers generally along foliation/shear, few thin quartz veins.															
		Mineralization consists of ~1% disseminated pyrite, and 1-2% honey brown sphalerite stringers in the upper 5-6m of unit.															
		135.80 10-20cm pale green fuchsite alteration															
		137.80 142.70 Very hard, purplish-black, silicified and hematite altered section likely due to contact metamorphism of unit with up to 1% 'black-jacks sphalerite and finely disseminated pyrite.															
		144.50 145.70 Sheared hematite altered section.															
		147.00 148.00 Sheared more heavily carbonate veined															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		section, weak ankerite alteration.															
	149.00	149.70 Fine grained, medium grey, extremely hard, possibly a mafic dyke at 50 degrees to core axis.															
	152.70	153.20 Medium to coarse grained hematite+carbonate altered purplish vein, 2-4cm thick at 35-40 degrees to core axis.															
	155.70	More heavily and intensely ankerite and talc altered section to end of hole with disseminated cubes of pyrite, and 10-15% carbonate veining.															
164.00		END OF HOLE															

Date: 31 May, 2010 | GOLDEN CHALICE RESOURCES | Page: 1 of 6

Northing:	5334800.00
Easting:	423515.00
Elevation:	356.00
Collar Azi.:	335.0
Collar Dip:	-45.0
Hole length:	125.00
Units:	Metric
Core size:	NQ
Grid:	Metric 2007
Materials left:	Casing
Collar survey:	Handheld GPS
DH Survey method:	Reflex
Comments:	N/A
Logged by:	G. Sparling
Date(s) logged:	April 27-28, 2010
Purpose:	N/A
Core storage:	Hastings Facility Timmins

DRILL HOLE RECORD

*** Dip Tests ***

Depth	Azi.	Dip
17	333.4	-46.5
68	333.3	-44.7
125	334.9	-43.7

Drill Hole:	TW-10-02
Project:	Timmins West
Property:	Timmins West
Claim:	4207037
Northing:	N/A
Easting:	N/A
GPS Northing:	5334800
GPS Easting:	423515
Date Started:	April 24, 2010
Date completed:	April 26, 2010
Drilled by:	Bradley Brothers
Sample type:	N/A
Analyses:	N/A
Lab:	N/A
Sample series:	N/A
Lab report:	N/A

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	5.50	OVERBURDEN 7m Of nw casing.															
5.50	21.70	GABBRO Grey-greenish to green-black, coarse to medium grained, massive, homogeneous, hard to very hard, weakly magnetic. Minor chlorite alteration with some silicification with depth. Good RQD of 80% with minor fracturing filled with very thin dark green chlorite and local brown-orange oxidation in the first to 2-3m of unit. Rare calcite stringers. Trace yellow-brown pyrite disseminations on 2m to lower contact. 14.00 20.70 Dark green-black, chilled phase, grades from coarse to fine grained, very hard, weakly magnetic, 1-2% orange-pink potassic fragments/ alteration. Sharp lower contact at 35-40 degrees to core axis.														
21.70	59.90	FELSIC TUFF Rhyo-dacite tuff. Grey to dark grey-green, fine grained, ash tuff, foliated/ bedded, weak local magnetism, hard, local															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		vugs.															
		40-50% Weak yellow-green sericite and green to dark green chlorite alteration. A few local potassic-silicified sections. Decent RQD of 80% with a few sections of broken core. Weak to moderate fracturing at 40-50 degrees to core axis +/- local oxidation and very thin chlorite-calcite filling. Moderate foliation/ bedding at 40-50 degrees to core axis with very thin ash beds and 2-8mm wide chlorite/ magnetite beds. A few white-grey calcite +/- quartz stringers both paralleling and cross cutting foliation at 45 degrees to core axis, multiple generations. Sulphide mineralization consists mostly yellow-brown pyrite mineralization occurring as coarse disseminations and stringers along foliation planes. Trace amounts of brownish pyrrhotite is also noted in association with pyrite mineralization. Trace-3% sphalerite mineralization is noted with 2 types being distinguished. Black/jack stringer type sphalerite with trace blue/ grey galena and localized mostly disseminated orange-brown honey sphalerite.														
		21.70 37.90 2-4% yellow-brown to brown pyrite disseminations and pyrite stringers with rare to trace pyrrhotite. Radom disseminations/specks of black/ jack sphalerite with rare galena.														
		25.50 26.50 Broken core, 60% rqd.														
		37.90 44.30 Weak-moderate chlorite-sericite altered section, more altered than up hole, 1-2% disseminated honey brown sphalerite with a few stringers of black jack sphalerite containing trace amounts of galena. Pyrite mineralization remains combined to bedding as bands/ stringers from 1% up to around 15% semi massive pyrite locally.														
		39.30 39.60 Possible intermediate dyke (?), weakly potassic altered, silicified, trace pyrite, contacts at 50 degrees to core axis.														
		38.60 41.10 2-3% honey brown sphalerite disseminations, with 0.5% black jack sphalerite and pyrite.														
		41.10 42.10 15% semi massive yellow-brown pyrite band clusters.														
		43.70 2.5cm wide white quartz stringer at 30														

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		degrees to core axis.															
		47.10 59.90 Patchy grey-yellow sericite alteration is dominant to lower contact, 60% of unit.															
		50.30 5cm wide calcite-quartz veinlet with unknown orange-brown mineral (?).															
		57.00 7cm mafic dykelet/ thick bed (?), dark black, very fine grained, contacts at 40 degrees to core axis.															
		Sharp lower contact at 40 degrees to core axis.															
59.90	64.50	FELDSPAR PORPHYRY															
		Pale grey to grey, medium grained, 5-10% white quartz-feldspar phenocrysts, massive, hard, non magnetic.															
		Very weak yellow-brown sericite alteration.															
		Good RQD of 85% with local section of broken core.															
		Weak to moderate fracturing at 60-70 degrees to core axis with rare chlorite fracture filling.															
		1% Hairlike grey-black quartz-calcite stringers at 70 degrees to core axis.															
		Trace dull yellow-brown coarse pyrite.															
		60.00 60.50 Broken core, 50% rqd.															
		Sharp, planar lower contact at 50 degrees to core axis.															
64.50	88.30	FELSIC TUFF															
		Rhyo-dacite tuff.															
		Grey to dark grey-green, fine grained, ash tuff, foliated/ bedded, weak local magnetism, hard, local vugs. Maybe more mafic in composition.															
		More dark green chlorite alteration with very weak local sericite bleaching. Weak ankerite (stains blue).															
		RQD of 90% with a few minor sections of broken core (5-10cm).															
		Generally weakly fractured along foliation 40-50 degrees to core axis with a few at 20-30 degrees to core axis. Generally dark green chlorite fracture filling.															
		Moderate foliation/ bedding at 40-50 degrees to core axis. Bedding is generally thin ash layers with alternating more dark green chlorite layers and occasional silicified/ potassic layers scattered throughout unit.															
		1% White-grey calcite +/- quartz stringers both paralleling and cross cutting foliation at 45 and 60 degrees to core axis, multiple generations.															
		Sulphide mineralization consists of 0.5%-3-4% yellow-brown coarse pyrite disseminations and stringers along foliation planes. Local bands of															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		black jack sphalerite with trace honey sphalerite															
		and galena with bands.															
		64.50 67.00 1-2% brownish-red black jack sphalerite bands with trace honey brown-orange sphalerite and blue-grey specks within bands/ stringers.															
		67.00 67.70 Bleached beige section with around 2-3% sphalerite bands/ stringers and 1-2% pyrite.															
		71.15 71.60 Grey-purple silicified bed (?), potassic altered, sharp contacts at 50 degrees to core axis.															
		74.00 Moderate dark green chlorite occurs to lower contact, 2-3% irregular calcite stringers.															
		76.60 77.60 Moderate- strong chlorite alteration with 1% pale brown-orange garnets.															
		81.20 5mm wide brassy brown pyrrhotite stringers (magnetic).															
		Lower contact at 45 degrees to core axis.															
88.30	95.00	MINERALIZED SILICIFIED/CHERTY ZONE															
		Grey-white, extremely hard, non magnetic matrix with magnetic bands of pyrrhotite and magnetite, 80% chert/quartz, foliated, mineralized. Strongly silicified, moderate dark green chlorite alteration as bands and more pervasive alteration with depth. Good RQD of 90-95% with minor fracturing at 50 degrees to core axis +/- chlorite and /or pyrite smears. Some cross fracturing at 55 degrees to core axis. Moderate foliation at 50 degrees to core axis. Sulphide mineralization consists of 2-4% yellow-brown pyrite as coarse disseminations and bands/ stringers along foliation planes. 1-6% brassy-bronzy pyrrhotite disseminations and stringers to irregular stringers on and along foliation planes with some secondary pyrite-pyrrhotite mineralization along cross fracturing. A few bands of black jack sphalerite are also noted throughout section with a few specks of galena.															
		93.40 95.00 Dark green-black moderate-strongly chlorite altered section containing 4-6% brassy-brown pyrrhotite stringers, 1-2% pyrite and a few sphalerite stringers.															
		Gradual contact.															
95.00	95.90	SEMI-MASSIVE SULPHIDE ZONE															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		Semi massive pyrite-pyrrhotite zone (dominantly pyrite) in cherty silicified zone. Strongly silicified. Good RQD of 95% a few minor fractures. 40% Fine to coarse yellow-brown pyrite with a few tiny vugs grading from semi massive discontinuous stringers to more massive sulphide. 2-3% brassy brown pyrrhotite is noted prominently in the first 20cm of unit. A single band of black jack sphalerite is note at 95.15m at 50-55 degrees to core axis. Unit consists of 20-30% silicified-cherty matrix. Lower contact at 45 degrees to core axis.															
95.90	125.00	PERIDOTITE															
		Sheared talc-chlorite peridotite with possible more mafic sections (?). Dark black, fine grained, sheared, moderately hard, locally magnetic, schisty. Dominant weak to moderate chlorite and lesser talc alteration with weak to moderate ankerite alteration determined by blue stain. Local purple black silicified/ hematite alteration noted. Minor fuchsite alteration noted at upper contact. Decent RQD of 80-85% with a few sections of broken core around purple black, harder sections of core. Weak to locally moderately fractured core at 30-50 degrees to core axis +/- chlorite-serpentine fracture filling. Moderately sheared-foliated at both 30 and 50 degrees to core axis but dominantly around 50 degrees to core axis. 5-10% White calcite-quartz stringers paralleling foliation-shearing. A few white, generally barren quartz veins up to 15cm at 50 degrees to core axis. Trace to at best 0.5% yellow-brown pyrite with trace amounts of pyrrhotite associated with stringers.															
		95.90 20cm pale fuchsite.															
		95.90 97.60 Contact metamorphism consists of silicified/ hematite altered extremely hard sections with some chlorite altered sections, trace sphalerite and pyrrhotite with around 1-1.5% pyrite, contacts at 50 degrees to core axis.															
		101.70 8cm wide quartz-calcite vein at 25 degrees to core axis.															
		102.30 5cm wide brownish mafic-intermediate dyklet (?), very hard.															
		103.40 20cm silicified/hematite section,															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		very hard, dyke (?), broken core, trace pyrite, contacts at 50 and in broken core.															
		105.70 116.00 Grey zone due to more moderate ankerite alteration with local minor fuchsite.															
		106.40 12cm quartz vein at 25tca, barren.															
		107.00 4cm wide basaltic dykelet, dark green, 50 degrees to core axis.															
		107.60 107.90 Dark green-purple, hematite-chlorite basalt, 0.5% coarse yellow pyrite.															
		108.00 5cm of fuchsite alteration.															
		108.20 5cm of fuchsite alteration.															
		108.30 109.95 Basalt, dark green, fine grained, chlorite altered with minor hematite alteration, 10% altered ultramafic, 0.5-1% coarse pyrite, contacts at 60 and 40 degrees to core axis.															
		111.80 114.40 Purple hematite alteration and silicification, weak to moderate throughout section.															
		123.50 Possible spinifex (?) over 20cm section.															
125.00		END OF HOLE															

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Northing: 5334436.00
Easting: 423863.00
Elevation: 366.00

Collar Azi.: 330.0
Collar Dip: -45.0

Hole length: 171.50
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing
Collar survey: Handheld GPS
DH Survey method: Reflex

Comments: N/A
Logged by: J. Craig
Date(s) logged: April 24-28, 2010
Purpose: N/A
Core storage: Hastings Facility Timmins

DRILL HOLE RECORD

*** Dip Tests ***

Depth	Azi.	Dip
20	332.0	-46.4
71	332.5	-44.6
122	334.6	-41.5
172	335.0	-36.3

Drill Hole: TW-10-01

Project: Timmins West
Property: Timmins West
Claim: 4207057
Northing: N/A
Easting: N/A
GPS Northing: 5334436
GPS Easting: 423863
Date Started: April 21, 2010
Date completed: April 24, 2010
Drilled by: Bradley Bros
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Catterallo Assayers Inc.
Sample series: 146182-261
Lab report: 53TW

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%) %	Ni(%) %
.00	7.00	OVERBURDEN 7m Of casing.															
7.00	11.80	MAFIC V0LCANIC (UNDIFFERENTIATED) Fine grained, grey to dark grey, moderately-magnetic, very hard, homogeneous, massive mafic volcanic, likely basalt. Moderately siliceous, weak carbonate alteration. Good RQD of 85%, weak fracturing. Few ~1% hair-like calcite stringers at 70-90 degrees to core axis. Fine grained, disseminated pyrite, pyrite localized along thin calcite stringers, ~0.5%. General shear sense of 60 degrees to core axis. Sharp lower contact 60 degrees to core axis with 1m lighter grey-green alteration leading up to contact.	146182	10.80	11.80	1.00	<5										
11.80	16.10	FELDSPAR PORPHYRY Fine grained matrix, very hard, pinkish to buff, 2% quartz eyes, 15% feldspar phenocrysts (1-3mm), non-magnetic, homogenous, massive feldspar porphyry dyke. Strong siliceous alteration, minor chlorite alteration, possible weak potassic alteration as unit is pinkish for ~1m after contact.	146183	11.80	12.80	1.00	<5										
			146184	12.80	13.80	1.00	<5										
			146185	13.80	14.80	1.00	<5										
			146186	14.80	15.40	.60	<5										
			146187	15.40	16.10	.70	6										

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		Good RQD orange 75-80%.															
		~1% weak hair-like chlorite veins at 45 degrees to core axis and calcite stringers at 60-80 degrees to core axis.															
		Disseminated fine grained and some cubic pyrite, up to 0.5%.															
		13.40 15cm long quartz vein with chlorite and cubic pyrite, up to 0.5% at irregular core axis directions (not one obvious trend).															
		Lower contact likely sharp but in 10cm broken core section.															
		11.80 12.80 Fine grained disseminated trace pyrite.															
		12.80 13.80 Fine grained disseminated and cubic pyrite, 0.5%.															
		13.80 14.80 Fine grained disseminated pyrite with quartz veining hosting pyrite, 0.5%.															
		14.80 15.40 Fine grained disseminated and cubic pyrite, 0.5%.															
		15.40 16.10 Fine grained disseminated and cubic pyrite, 0.5%.															
16.10	43.40	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to very weakly-magnetic, alternating grey with buffish grey tuffaceous bedding and shearing, likely a felsic ash tuff of rhyodacite composition.	146188	16.10	17.10	1.00	5										
			146189	17.10	18.10	1.00	<5										
			146190	18.10	19.10	1.00	7										
			146191	19.10	20.10	1.00	<5										
		Strong siliceous alteration, minor carbonate alteration, chlorite alteration (patchy), and buff sericite alteration.	146192	20.10	21.10	1.00	<5										
			146193	36.10	37.10	1.00	<5										
			146194	37.10	38.10	1.00	<5										
		Good RQD of 85-90%.	146195	38.10	39.10	1.00	<5										
		Weak fracturing at 60 degrees to core axis with minor calcite filling fractures.	146196	39.10	39.10	.00	242										
			146197	39.10	40.10	1.00	<5										
		1% Thin and hair-like calcite stringers at 60 degrees (along bedding) to core axis with some cross-cutting at 0-5 degrees to core axis, 1% thin minor quartz+/-carbonate veins at 70-90 degrees to core axis.	146198	40.10	41.10	1.00	<5										
			146199	42.40	43.40	1.00	<5										
		Up to 5% bedded/foliated pyrite at 60-70 degrees to core axis.															
		Tuffaceous foliation generally at 50-60 degrees to core axis.															
		27.40 27.75 Fine grained, hard, mafic to intermediate dyke (possibly an andesite)															
		Tiny mm-sized specs of fine grained black mineral, prevalent and concentrated mainly in lighter grey, more siliceous cherty tuff beds.															
		5% Lighter grey to grey-buff stretched fragments along 60-70 degrees to core axis.															
		Sharp lower contact 65 degrees to core axis with brecciated fragments at contact.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		16.10 17.10 Fine grained disseminated pyrite with quartz veining hosting pyrite, 0.5%.															
		17.10 18.10 Fine grained disseminated pyrite, ~3%.															
		18.10 19.10 Fine grained disseminated pyrite, ~3%.															
		19.10 20.10 Fine grained disseminated pyrite, ~3%.															
		20.10 21.10 Fine grained disseminated pyrite, ~3%.															
		36.10 37.10 Fine grained disseminated pyrite, ~3%.															
		37.10 38.10 Fine grained disseminated pyrite, ~3%.															
		38.10 39.10 Fine grained disseminated pyrite, ~3%.															
		39.10 Fine grained disseminated pyrite, ~3%.															
		39.10 40.10 Standard pm 402.															
		40.10 41.10 Fine grained disseminated pyrite, ~3%.															
		42.40 43.40 Fine grained disseminated pyrite, ~3%.															
43.40	46.50	FELDSPAR PORPHYRY															
		Fine grained matrix, very hard, buff to buff-grey, up to 15% feldspar phenocrysts (1-3mm), non-magnetic, homogenous, massive feldspar porphyry dyke.	146200	43.40	44.40	1.00	<5										
			146201	44.40	44.40	.00	<5										
			146202	44.40	45.40	1.00	<5										
			146203	45.40	46.50	1.10	<5										
		Strong siliceous alteration, patchy chlorite alteration, minor carbonate alteration.															
		Good RQD of 90%, weak fracturing.															
		Up to 1% thin hair-like chlorite veins at 60 degrees to core axis, with a couple minor hair-like yellow-buff epidote veins at 50 degrees to core axis															
		Up to 1% finely disseminated pyrite and possible trace very fine grained silvery specks of what looks like arsenopyrite.															
		Sharp lower contact at 70 degrees to core axis.															
		43.40 44.40 Fine grained disseminated pyrite, ~3%.															
		44.40 Fine grained cubic and disseminated pyrite, up to 1%, possible fine grained trace arsenopyrite.															
		44.40 45.40 Blank.															
		45.40 46.50 Fine grained cubic and disseminated pyrite, up to 1%, possible fine grained trace arsenopyrite.															
46.50	70.50	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly magnetic, alternating grey-light grey, to cream buff-grey within a sheared tuffaceous felsic unit of rhyodacite composition.	146204	46.50	47.50	1.00	<5										
			146205	56.00	57.00	1.00	<5										
			146206	57.00	58.00	1.00	<5										
			146207	58.00	59.00	1.00	<5										
		Strong siliceous alteration, minor carbonate alteration, chlorite alteration (patchy), buff sericite alteration.	146208	59.00	60.00	1.00	<5										
			146209	60.00	61.00	1.00	<5										
			146210	69.50	70.50	1.00	<5										
		Good RQD of 85-90%.															
		Weak fracturing at 60 degrees to core axis, with minor calcite+quartz filling few fractures.															
		2% Quartz+/-carbonate veins at various degrees to core axis with a common trend of 65-90 degrees to															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		core axis.															
		Foliated at 50-60 degrees to core axis with up to 5% pyrite.															
		46.50 50.00 Unit is more fragmental, ~10-15% fragments, 1-5cm in size, elongated to bedding.															
		59.30 20cm long, 3-4cm thick vuggy quartz-carbonate vein with finely disseminated pyrite.															
		60.00 15cm long 2-3cm thick quartz vein at 5 degrees to core axis with finely disseminated pyrite.															
		5% Tiny mm-sized specs of fine grained black mineral giving the unit the appearance of darker bands throughout unit until about 65m, after 65m specs appear as thin black mineral lineation's.															
		65.80 30cm broken core section.															
		70.00 2cm thick vuggy quartz-carbonate vein at 50 degrees to core axis.															
		70.20 10cm long quartz-ankerite vein (stained blue) at 0 degrees to core axis pinched out and continues at 15 degrees to core axis.															
		Sharp lower contact at 60 degrees to core axis.															
		46.50 47.50 Fine grained cubic and disseminated pyrite, up to 1%, possible fine grained trace arsenopyrite.															
		56.00 57.00 Fine grained disseminated pyrite, up to 1%.															
		57.00 58.00 Fine grained disseminated pyrite, ~3-5%.															
		58.00 59.00 Fine grained disseminated pyrite, ~3-5%.															
		59.00 60.00 Fine grained disseminated pyrite, ~3-5%.															
		60.00 61.00 Fine grained disseminated pyrite, ~3-5% with 20cm long quartz-carbonate vein.															
		69.50 70.50 Fine grained disseminated pyrite, ~3-5%.															
70.50	75.00	FELDSPAR PORPHYRY															
		Fine grained matrix, very hard, buff to buff-grey,	146211	70.50	70.50	.00	3070										
		10% feldspar phenocrysts (1-3mm), non-magnetic,	146212	70.50	71.50	1.00	<5										
		homogenous, massive feldspar porphyry dyke.	146213	71.50	72.50	1.00	<5										
		Siliceous alteration, minor chlorite alteration.	146214	72.50	73.50	1.00	<5										
		Good RQD of 90%, weak fracturing.	146215	73.50	74.20	.70	<5										
		Few hair-like chlorite stringers at 30 degrees to core axis.	146216	74.20	75.00	.80	<5										
		Finely disseminated very fine grained pyrite, up to 0.5-1%.															
		Sharp lower contact at 60-70 degrees to core axis at edge of broken core.															
		70.50 Fine grained disseminated pyrite, ~3-5% with quartz-ankerite vein.															
		70.50 71.50 Standard pm 417.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		71.50 72.50 0.5% finely disseminated pyrite.															
		72.50 73.50 0.5% finely disseminated pyrite.															
		73.50 74.20 0.5% finely disseminated pyrite.															
		74.20 75.00 0.5% finely disseminated pyrite.															
75.00	76.10	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly	146217	75.00	76.00	1.00	<5										
		magnetic, alternating light grey to cream buff-grey															
		within a sheared tuffaceous felsic volcanic unit of															
		rhyodacite composition.															
		Strong siliceous alteration, minor carbonate															
		alteration, chlorite alteration (patchy), buff															
		sericite alteration.															
		Good RQD of 90%, weak fracturing.															
		3-5% Finely disseminated and sheared pyrite.															
		Foliation at 60 degrees to core axis.															
		Irregular contact at ~60 degrees to core axis (not															
		obviously sharp).															
		75.00 76.00 0.5% finely disseminated pyrite.															
76.10	81.60	MAFIC INTRUSIVE (UNDIFFERENTIATED)															
		Medium grained, dark grey with purplish tinge,															
		non-magnetic, hard, looks like a melanocratic															
		biotite gabbro.															
		Strong-moderate biotization, weak pervasive															
		carbonate alteration.															
		Good RQD of 85%, weak fracturing.															
		~1% calcite stringers at 70 degrees to core axis.															
		Finely disseminated cubic pyrite and pyrite in few															
		calcite stringers, up to 0.5%.															
		81.20 1cm thick vuggy white quartz vein at 70															
		degrees to core axis with 0.5% coarse															
		cubic pyrite.															
		Irregular lower contact at ~60 degrees to core axis.															
81.60	97.30	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly	146218	85.00	86.00	1.00	<5										
		magnetic, alternating light grey to cream buff-grey	146219	86.00	87.00	1.00	<5										
		to purplish-grey within a sheared tuffaceous felsic	146220	87.00	87.00	.00	<5										
		volcanic unit, likely a rhyodacite.	146221	87.00	88.00	1.00	<5										
		Strong siliceous alteration, minor carbonate	146222	88.00	89.00	1.00	<5										
		alteration, moderate purplish biotization or	146223	89.00	90.00	1.00	<5										
		hematization at depth, chlorite alteration	146224	96.30	97.30	1.00	<5										
		(patchy), buff sericite alteration.															
		Good RQD of 90%, weak fracturing.															
		1% White quartz stringers at 60-70 degrees to core															
		axis, 1% calcite veins at 70-80 degrees to core axis															
		Up to 3-5% fine grained and cubic pyrite.															
		Cubic pyrite and finely disseminated pyrite aligned															
		at a general shear sense of 50-60 degrees to core															
		axis, becoming more disseminated and less															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		aligned/sheared with depth (~91m).															
		91.00 Unit is darker grey to purplish grey with less pyrite and shear banding, feldspars elongated along shear sense direction, likely hematite alteration.															
		Sharp lower contact at 70 degrees to core axis with 30cm fine grained light grey chill zone.															
		85.00 86.00 Fine grained disseminated pyrite, ~3-5%.															
		86.00 87.00 Fine grained disseminated pyrite, ~3%.															
		87.00 Fine grained disseminated pyrite, up to 3%.															
		87.00 88.00 Blank.															
		88.00 89.00 Fine grained disseminated pyrite, up to 3%.															
		89.00 90.00 Fine grained disseminated pyrite, up to 3%.															
		96.30 97.30 Fine grained disseminated pyrite, ~3-5%.															
97.30	102.00	FELDSPAR PORPHYRY															
		Fine grained matrix, very hard, buff to buff-grey, up to 10% feldspar phenocrysts (1-3mm), non-magnetic, homogenous, massive quartz feldspar porphyry dyke.	146225	97.30	98.30	1.00	<5										
			146226	98.30	99.30	1.00	<5										
			146227	99.30	100.30	1.00	<5										
			146228	100.30	101.30	1.00	<5										
		Siliceous alteration, minor chlorite alteration, and minor pinkish-orange potassic alteration.	146229	101.30	102.00	.70	<5										
		Good RQD of 90-95% with weak fracturing.															
		1% Hair-like yellowish epidote stringers at 55-80 degrees to core axis.															
		Very fine grained disseminated pyrite, ~0.5%.															
		Sharp lower contact at 60 degrees to core axis with light grey 20cm long chill zone.															
		97.30 98.30 Fine grained disseminated pyrite, up to 2-3%.															
		98.30 99.30 Fine grained finely disseminated pyrite, ~0.5%.															
		99.30 100.30 Fine grained finely disseminated pyrite, ~0.5%.															
		100.30 101.30 Fine grained finely disseminated pyrite, ~0.5%.															
		101.30 102.00 Fine grained finely disseminated pyrite, ~0.5%.															
102.00	117.50	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly magnetic, alternating light grey to cream buff-grey to purplish-grey within a sheared tuffaceous felsic volcanic unit, likely a rhyodacite.	146230	102.00	103.00	1.00	<5										
			146231	103.00	103.00	.00	249										
			146232	106.00	107.00	1.00	<5										
			146233	107.00	108.00	1.00	<5										
		Strong siliceous alteration, minor carbonate alteration, moderate purplish hematization, chlorite alteration (patchy), buff sericite alteration.	146234	108.00	109.00	1.00	<5										
			146235	109.00	110.00	1.00	<5										
			146236	110.00	111.00	1.00	<5										
			146237	116.50	117.50	1.00	<5										

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		Good RQD of 90%.															
		Weak fracturing with moderate quartz filling															
		fractures at 60 degrees to core axis.															
		2% Sometimes vuggy white quartz+/-carbonate (one															
		stained blue for ankerite) veins at 60-70 degrees															
		to core axis.															
		3-8% Pyrite, finely disseminated or cubic, along															
		shears, or in quartz veins and hematite altered															
		subunit.															
		General foliation of 60 degrees to core axis.															
		102.60 30cm broken core section.															
		108.40 109.80 Unit is darker grey-purple, not															
		obviously sheared (more massive															
		looking), more heavily hematite															
		altered with larger cubic pyrite															
		grains, ~3-8%.															
		109.60 5-6cm thick white quartz+/-carbonate															
		vein with coarse pyrite, ~2% with															
		1-2cm pink alteration halo at 60															
		degrees to core axis and															
		fuchsite+carbonate.															
		Sharp lower quartz-carbonate vein contact at ~45															
		degrees to core axis.															
		102.00 103.00 Fine grained finely disseminated															
		pyrite, ~0.5%.															
		103.00 Fine grained disseminated pyrite,															
		~3-5%.															
		106.00 107.00 Standard pm 402.															
		107.00 108.00 Fine grained disseminated pyrite, up															
		to 3%.															
		108.00 109.00 Fine grained disseminated pyrite, up															
		to 3%.															
		109.00 110.00 Fine grained disseminated pyrite, up															
		to 3%.															
		110.00 111.00 Fine grained disseminated cubic															
		pyrite, up to 2-3%.															
		116.50 117.50 Fine grained disseminated pyrite, up															
		to 3%.															
117.50	120.10	QUARTZ CARBONATE VEIN															
		Hard, white, quartz+carbonate veins system at 50	146238	117.50	118.10	.60	<5										
		degrees to core axis, 5-15cm thick.	146239	118.10	118.70	.60	7										
		Silicified, carbonate altered.	146240	118.70	119.40	.70	<5										
		Good RQD of 90%.	146241	119.40	119.40	.00	<5										
		117.50 118.10 5-10cm thick white quartz-carbonate	146242	119.40	120.10	.70	<5										
		vein at 60 degrees to core axis.															
		118.20 118.50 4-6cm thick white quartz-carbonate															
		vein at 50 degrees to core axis.															
		118.70 120.10 Thick white quartz-carbonate vein at															
		60-70 degrees to core axis.															
		Quartz veins are intercalated with felsic tuff															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		sections, ~10-20cm long in between quartz veining.															
		Quartz is largely barren with finely disseminated															
		to coarser cubic pyrite with 2-3cm pyrite blebs, up															
		to 3% pyrite with 3-8% pyrite in intercalating															
		felsic tuff.															
		Lower contact at 50 degrees to core axis.															
		117.50 118.10 Fine grained disseminated pyrite, up															
		to 3%.															
		118.10 118.70 Finely disseminated pyrite, ~1%.															
		118.70 119.40 Finely disseminated pyrite, ~1-2%.															
		119.40 Finely disseminated pyrite, ~1%.															
		119.40 120.10 Blank.															
120.10	144.50	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly	146243	120.10	121.10	1.00	28										
		magnetic, alternating light grey to cream buff-grey	146244	130.00	131.00	1.00	27										
		to purplish-grey within a sheared tuffaceous felsic	146245	131.00	132.00	1.00	10										
		volcanic unit, likely a rhyodacite.	146246	132.00	133.00	1.00	7										
		Strong siliceous alteration, minor carbonate	146247	133.00	134.00	1.00	35										
		alteration, patchy chlorite alteration, buff	146248	134.00	135.00	1.00	38										
		sericite alteration.	146249	143.50	144.50	1.00	<5										
		Good RQD of 90%.															
		Weak fracturing at 60 degrees to core axis.															
		1% Thin white quartz veins at 80-90 degrees to core															
		axis.															
		Foliated at 50-60 degrees to core axis.															
		Up to 3-5% foliated pyrite and disseminated pyrite.															
		Sharp lower contact at 60 degrees to core axis.															
		120.10 121.10 Finely disseminated pyrite, ~1%.															
		130.00 131.00 Finely disseminated pyrite, ~1-2%.															
		131.00 132.00 Fine grained disseminated pyrite, up															
		to 3%.															
		132.00 133.00 Fine grained disseminated pyrite, up															
		to 3%.															
		133.00 134.00 Fine grained disseminated pyrite,															
		~3-5%.															
		134.00 135.00 Fine grained disseminated pyrite,															
		~3-5%.															
		143.50 144.50 Fine grained disseminated pyrite, up															
		to 3%.															
144.50	146.25	FELDSPAR PORPHYRY															
		Fine grained matrix, very hard, buff to grey, up to	146250	144.50	145.50	1.00	<5										
		10% feldspar phenocrysts (1-3mm), non-magnetic,	146251	145.50	145.50	.00	8590										
		homogenous, massive quartz feldspar porphyry dyke.	146252	145.50	146.20	.70	7										
		Siliceous alteration, minor chlorite alteration.	146253	146.20	147.20	1.00	<5										
		Good RQD of 90%.															
		Up to 1% 1cm thick white quartz vein at 60 degrees															
		to core axis.															
		Fine grained disseminated pyrite, ~0.5%.															
		Sharp lower contact at 50-60 degrees to core axis.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		144.50 145.50 Fine grained disseminated pyrite, 2-3%															
		145.50 Fine grained disseminated pyrite, ~1%.															
		145.50 146.20 Standard pm 908.															
		146.20 147.20 Fine grained disseminated pyrite, ~1%.															
146.25	168.50	FELSIC VOLCANIC (UNDIFFERENTIATED)															
		Fine grained ash, very hard, non to weakly	146254	164.50	165.50	1.00	<5										
		magnetic, alternating light grey to cream buff-grey	146255	165.50	166.50	1.00	<5										
		to purplish-grey within a sheared tuffaceous felsic	146256	166.50	167.50	1.00	5										
		volcanic unit, likely a rhyodacite.	146257	167.50	168.50	1.00	5										
		Strong siliceous alteration, minor carbonate															
		alteration and chlorite alteration, buff sericite															
		alteration.															
		Good RQD of 90-95% with weak fracturing and minor															
		carbonate filling fractures at 40-55 degrees to															
		core axis.															
		1% White, often vuggy to drusy vugg calcite,															
		quartz-carbonate veins up to 10cm long at 50-60															
		degrees to core axis with up to 1% cubic and finely															
		disseminated pyrite, with very fine grained silvery															
		specks of possible arsenopyrite in trace.															
		Up to 3% fine grained foliated pyrite bands and															
		disseminations.															
		150.40 150.70 30cm long dyke of quartz-feldspar															
		porphyry at 60-70 degrees to core axis															
		167.10 10cm long white quartz-carbonate vein.															
		Sharp lower contact at 50-60 degrees to core axis															
		with 10cm long grey fine grained chill margin.															
		164.50 165.50 Fine grained disseminated pyrite, 2-3%															
		165.50 166.50 Fine grained disseminated pyrite, 2-3%															
		166.50 167.50 Fine grained disseminated pyrite, up															
		to 3%.															
		167.50 168.50 Fine grained disseminated pyrite, up															
		to 3% with 1% pyrite in quartz vein,															
		possible trace arsenopyrite.															
168.50	171.50	FELDSPAR PORPHYRY															
		Fine grained matrix, very hard, buff to	146258	168.50	169.50	1.00	<5										
		buff-orange-pink, ~5-10% feldspar phenocrysts	146259	169.50	170.50	1.00	<5										
		(1-3mm), non-magnetic, homogenous, massive quartz	146260	170.50	171.50	1.00	<5										
		feldspar porphyry dyke.															
		Siliceous alteration, minor chlorite alteration.															
		Decent RQD of 80% until 170.5m where core is broken															
		until end of hole, with RQD of 20%.															
		Finely disseminated pyrite, up to 1%.															
		White feldspar phenocrysts subhedral and up to 2mm															
		in size.															
		168.50 169.50 Fine grained disseminated pyrite, up															
		to 3% with up to 1% in															
		quartz-carbonate veins.															
		169.50 170.50 Up to 0.5-1% finely disseminated															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		pyrite.															
		170.50 171.50 Up to 0.5-1% finely disseminated pyrite.															
171.50		END OF HOLE															
		171.50 Up to 0.5-1% finely disseminated pyrite.															

Certificate Of Analysis

Cattarello Assayers Inc.

Number Of Samples: 80

Client: Golden Chalice Resources

Job: 53 TW

Type Of Sample: Drill Core

Received Date: 2010-04-29

Processed Date: 2010-04-30

Report Date: 2010-05-06

Test Method: FAAA

Sample ID	Au FA-GEO ppb 5 ========	Au-Dup FA-GEO ppb 5 ========
146182	**<5**	
146183	**<5**	
146184	**<5**	
146185	**<5**	
146186	**<5**	
146187	**6**	
146188	**5**	
146189	**<5**	
146190	**7**	
146191	**<5**	
146192	**<5**	
146193	**<5**	**<5**
146194	**<5**	
146195	**<5**	
146196	**242**	
146197	**<5**	
146198	**<5**	
146199	**<5**	
146200	**<5**	
146201	**<5**	
146202	**<5**	
146203	**<5**	
146204	**<5**	
146205	**<5**	
146206	**<5**	
146207	**<5**	
146208	**<5**	
146209	**<5**	**<5**
146210	**<5**	
146211	**3.07 G/T**	
146212	**<5**	

Approved By Chief Analyst:

Certificate Of Analysis

Sample ID	Au FA-GEO ppb 5 ========	Au-Dup FA-GEO ppb 5 ========
146213	**<5**	
146214	**<5**	
146215	**<5**	
146216	**<5**	
146217	**<5**	
146218	**<5**	
146219	**<5**	
146220	**<5**	
146221	**<5**	
146222	**<5**	
146223	**<5**	
146224	**<5**	
146225	**<5**	
146226	**<5**	
146227	**<5**	
146228	**<5**	**<5**
146229	**<5**	
146230	**<5**	
146231	**249**	
146232	**<5**	
146233	**<5**	
146234	**<5**	
146235	**<5**	
146236	**<5**	
146237	**<5**	
146238	**<5**	
146239	**7**	
146240	**<5**	
146241	**<5**	
146242	**<5**	
146243	**28**	
146244	**27**	
146245	**10**	
146246	**7**	
146247	**35**	
146248	**38**	
146249	**<5**	
146250	**<5**	
146251	**8.589 G/T**	
146252	**7**	
146253	**<5**	

Approved By Chief Analyst:

Certificate Of Analysis

Sample ID	Au FA-GEO ppb 5 ========	Au-Dup FA-GEO ppb 5 ========
146254	**<5**	
146255	**<5**	
146256	**5**	
146257	**5**	
146258	**<5**	
146259	**<5**	
146260	**<5**	
146261	**<5**	**<5**

Approved By Chief Analyst:

Kenogaming Forest Access Road

PENHORWOOD

4207035 3000603 3000605 3019024

4207036 4207037 4220806

4207043 4207044 4207045 4207057

422000 423000 424000

5335000 5334000

Legend

- Claim Boundaries
- Township Lines
- Rivers & Streams
- Lakes
- Roads
- Contours
- Drill Hole Collars

Golden Chalice Resources

Timmins West Property
2010 Drill Plan

Drawn By: J. Craig	Scale 1:4000
Date Drawn: May 25, 2010	Drawing Number: GCR-01J

GOLDEN CHALICE RESOURCES INC

0 125 250 500 750 1,000 Meters

5334350 N
5334400 N
5334450 N
5334500 N
5334550 N
5334600 N
5334650 N
5334700 N
5334750 N
5334800 N

421950 E
422000 E

-35.7 m
+35.7 m

TW10-06
20 m
40
60
80
100
120
140
160
176 m

350 RL
300 RL
250 RL
200 RL
150 RL

TW10-06
0
20 m
40
60
80
100
120
140
160
176 m

GOLDEN CHALICE
RESOURCES INC

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		FP	feldspar porphyry
		OVBN	overburden
		MV	Mafic Volcanic (undifferentiated)

TW-10-06:
Azimuth: 360
Dip: -45
Claim #: 4207036

Magnetic Declination: 12W

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 17N

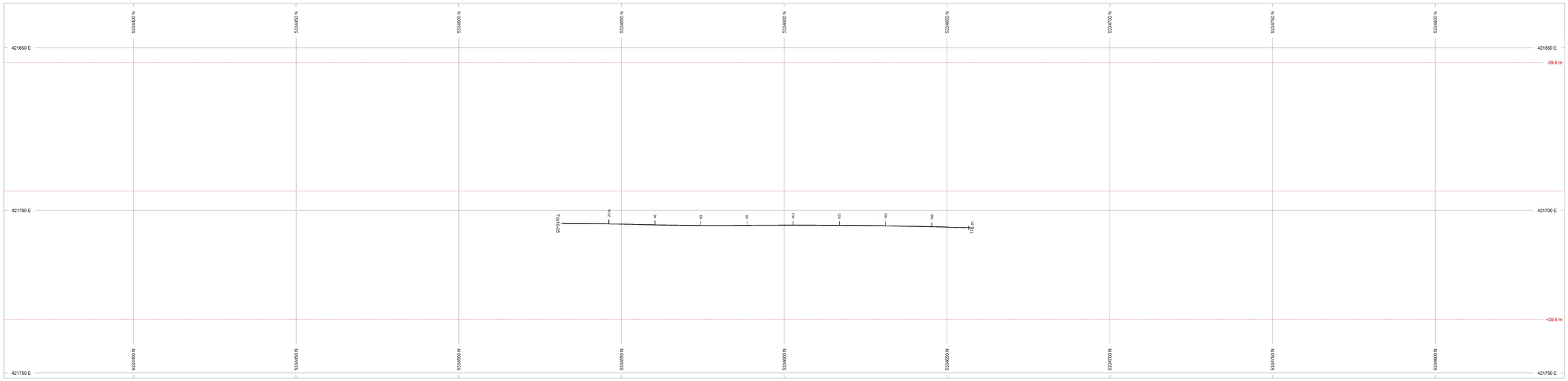
AZIMUTH = 0°
N
W
E
S

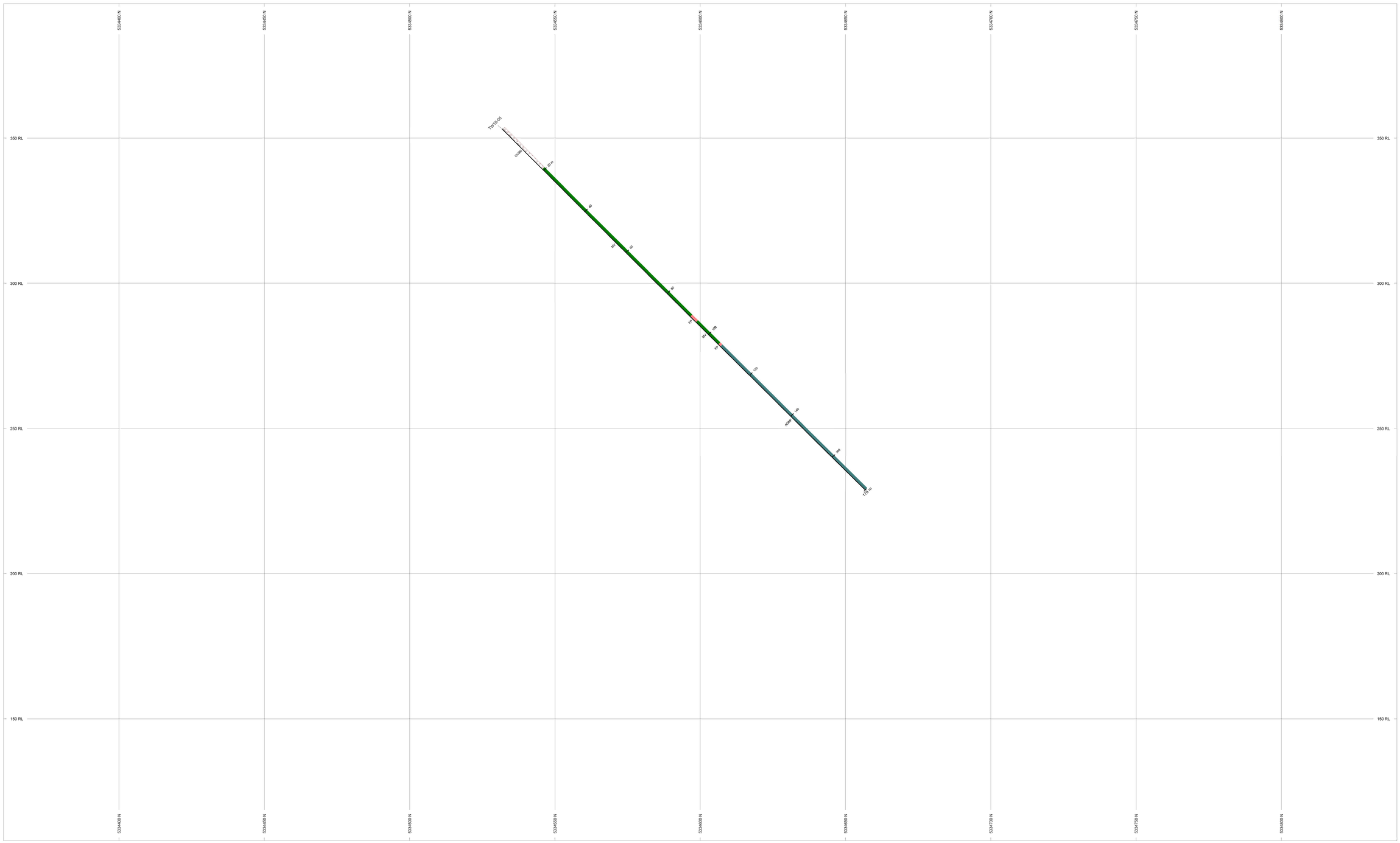
Golden Chalice Resources

Timmins West

TW-10-06 Drill Section

J. Craig





GOLDEN CHALICE RESOURCES INC

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		ADMF	andesite massive flow
		FP	feldspar porphyry
		OVBN	overburden
		MV	Mafic Volcanic (undifferentiated)

TW-10-05:
Azimuth: 360
Dip: -45
Claim #: 4207036

Magnetic Declination: 12W

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 17N

AZIMUTH = 0°

N W E S

Golden Chalice Resources

Timmins West

TW-10-05 Drill Section

J. Craig

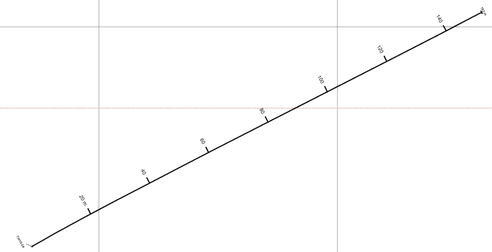
5335000 N | 5335050 N | 5335100 N | 5335150 N | 5335200 N | 5335250 N | 5335300 N | 5335350 N | 5335400 N

-46.6 m

423000 E

423050 E

+46.7 m



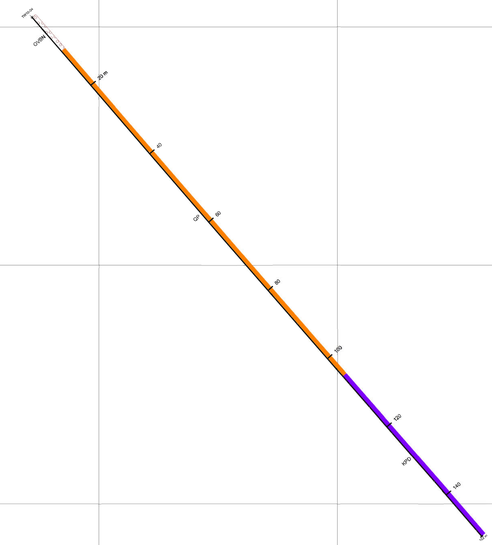
350 RL

300 RL

250 RL

200 RL

150 RL



GOLDEN CHALICE
RESOURCES INC

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		KPD	komatiitic peridotite
		OVBN	overburden
		QP	quartz porphyry

TW-10-04:
Azimuth: 330
Dip: -45
Claim #: 4207037

Magnetic Declination: 12W

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 17N

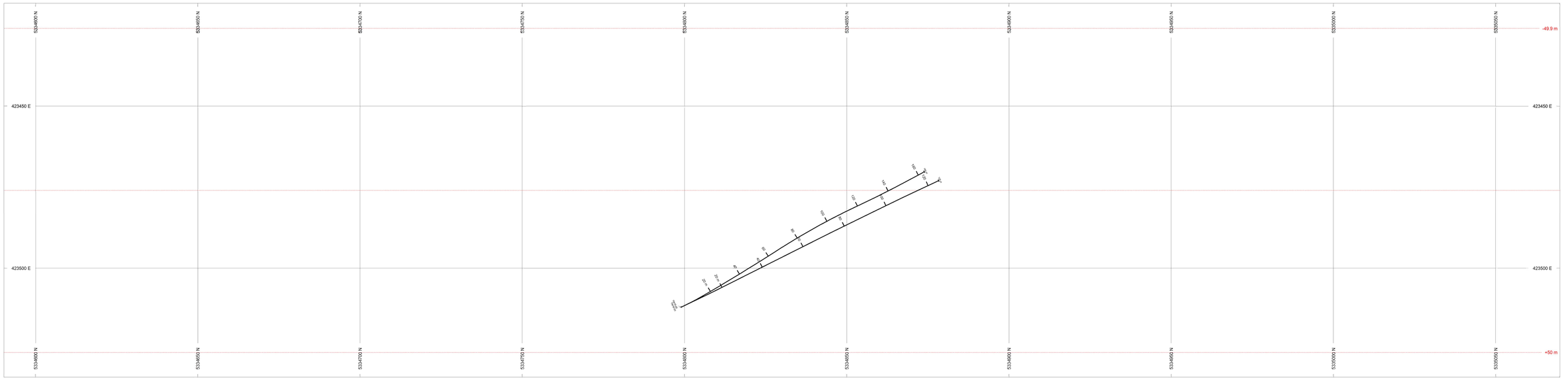
AZIMUTH = 0°
N
W E
S

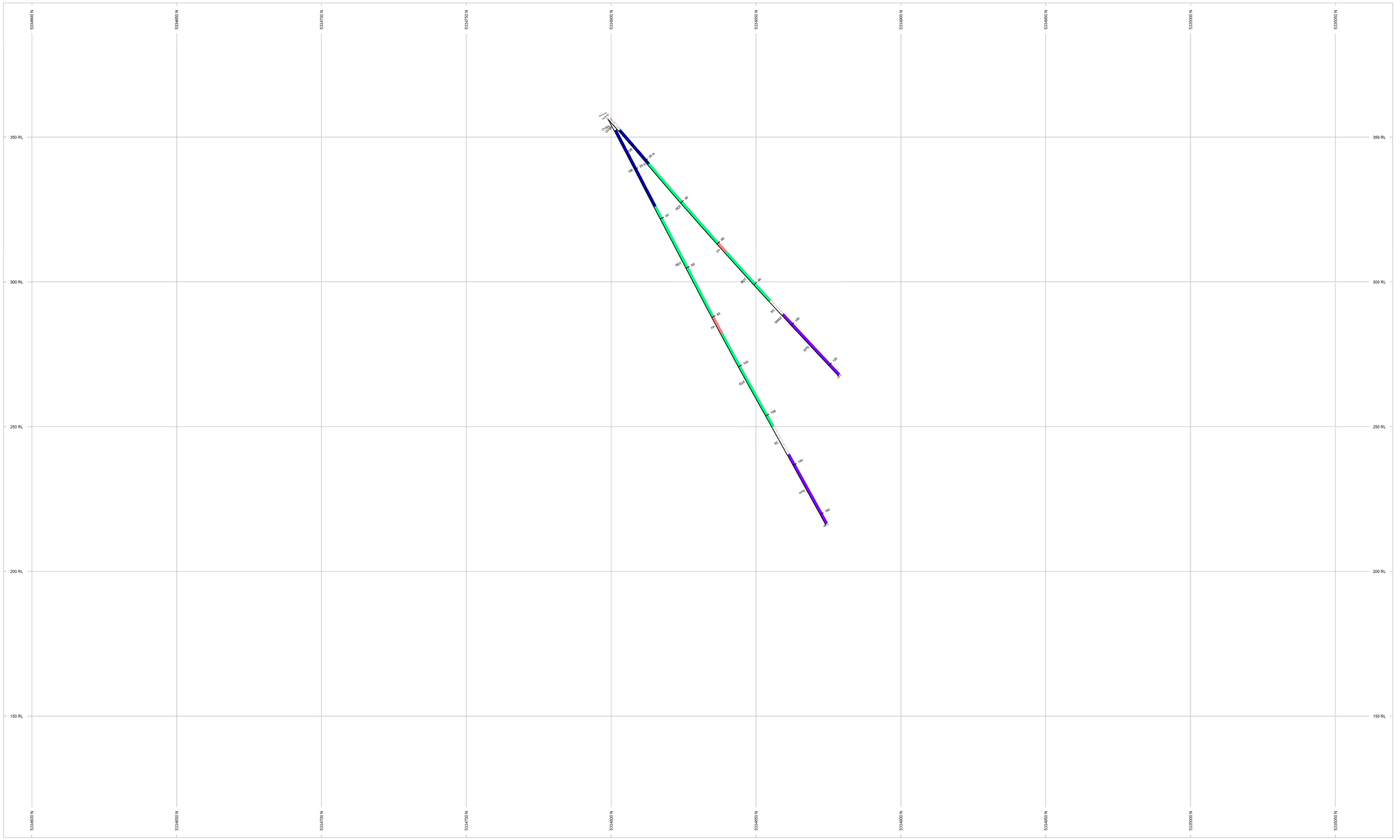
Golden Chalice Resources

Timmins West

TW-10-04 Drill Section

J. Craig





GOLDEN CHALICE RESOURCES INC

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		FP	feldspar porphyry
		GB	gabbro
		KPD	komatiitic peridotite
		OVBN	overburden
		RDT	rhyodacite ash tuff
		SC	chert
		SMSZ	semi-massive sulphide zone

TW-10-02:
Azimuth: 335
Dip: -45
Claim#: 4207037

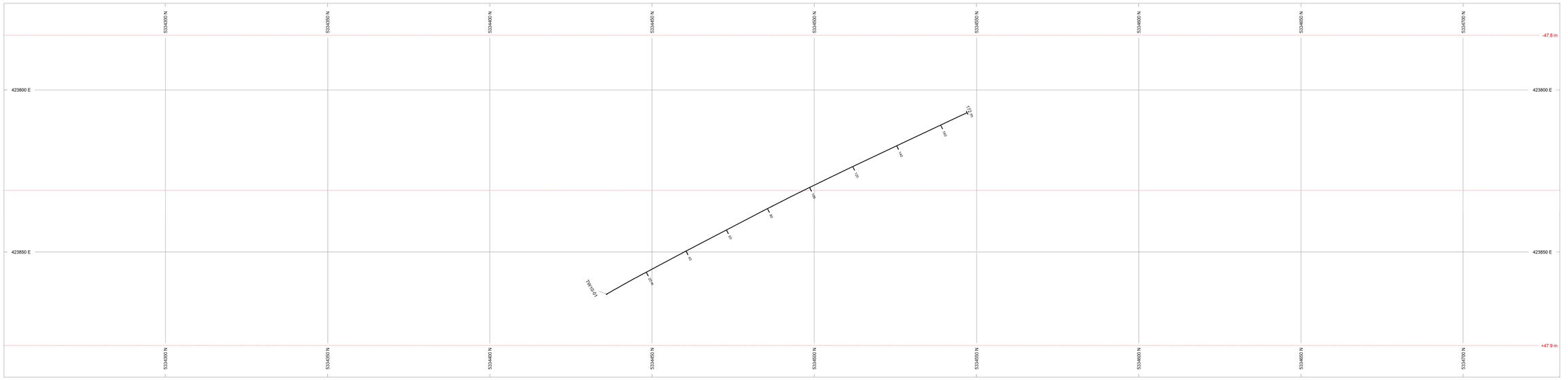
TW-10-03:
Azimuth: 335
Dip: -60

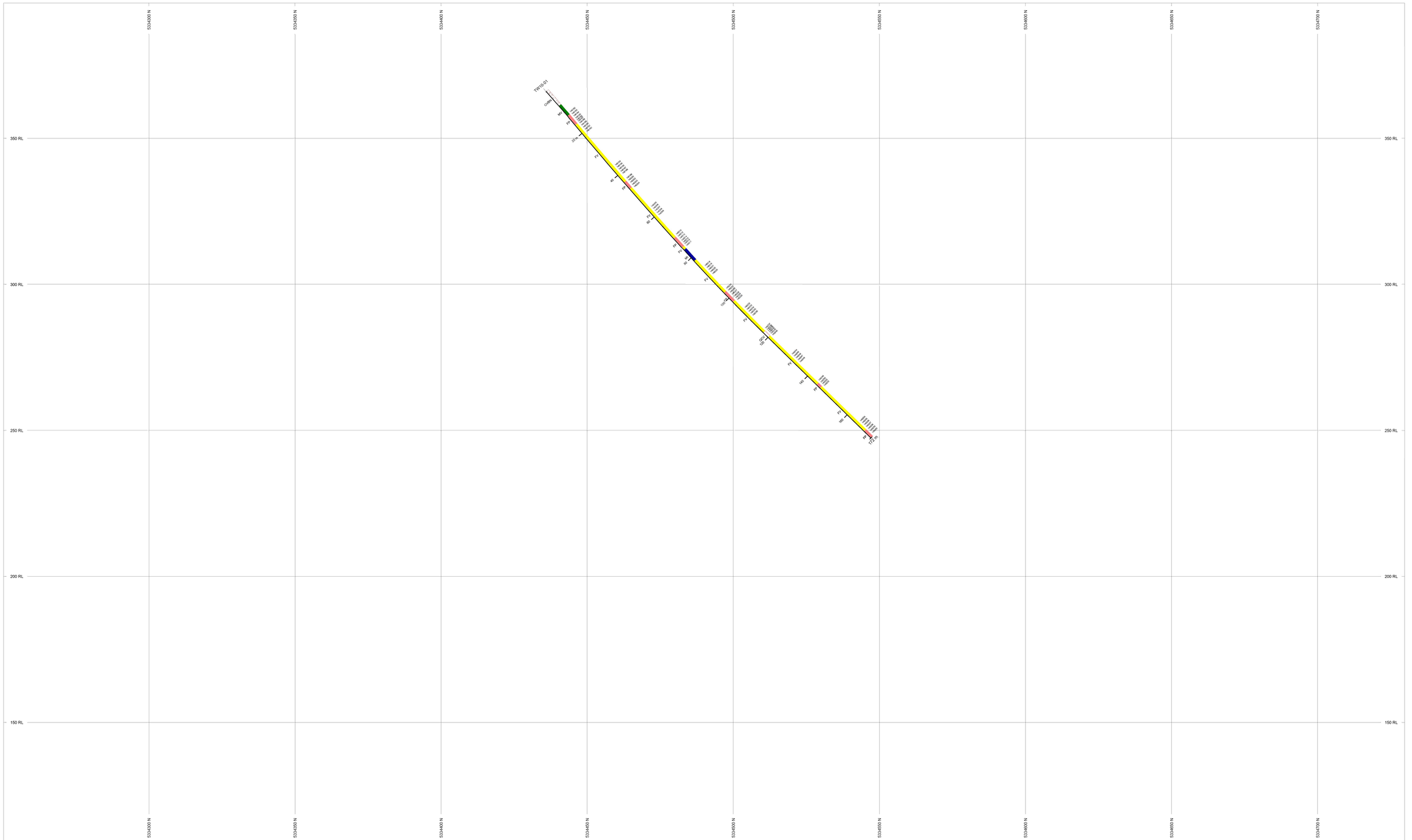
Magnetic Declination: 12W

SCALE 1 : 500
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 17N

AZIMUTH = 0°
N W E S

Golden Chalice Resources
Timmins West
TW-10-02 & 03 Drill Section
J. Craig





GOLDEN CHALICE RESOURCES INC

ROCK CODES	PAT.	LABEL	DESCRIPTION
Code		FP	feldspar porphyry
		FV	felsic volcanic (undifferentiated)
		MI	mafic intrusive (undifferentiated)
		OVBN	overburden
		QCV	quartz carbonate vein
		MV	Matic Volcanic (undifferentiated)

TW-10-01:
Azimuth: 330
Dip: -45
Claim #: 4207057

Magnetic Declination: 12W

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 17N

AZIMUTH = 0°
N
W
E
S

Golden Chalice Resources

Timmins West

TW-10-01 Drill Section

J. Craig