

# HIXON CREEK PROJECT

Exploration and Preliminary Diamond Drilling  
on the  
Hixon Creek Project  
situated on Hixon Creek  
in the Cariboo Mining Division  
British Columbia

53 degrees 26 min North Latitude  
122 degrees 33 min West Longitude  
Mineral Claim Map 93G7E/8W

*Amended Assessment Report      Dated March 14, 2006*

*for*

CAYENNE GOLD MINES LTD  
#1004 – 470 Granville Street  
Vancouver, BC  
V6C 1V5

*by*

David Javorsky  
Prospector  
*and*  
Alex Briden  
Geologist

#1004 – 470 Granville Street  
Vancouver, BC  
V6C 1V5



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## **INTRODUCTION**

The Hixon Creek area is one with a lengthy history of gold mining, largely placer mining. The distribution of gold is wide-spread, both as placer and in lode occurrences.

The exploration work by Cayenne Gold Mines to date has included claim staking, line-cutting, prospecting, sampling, bridge building and removal, and 273.6 meters (897 feet) of NQ diameter size diamond drilling.

The area is difficult to explore as it is almost entirely covered by overburden, resulting in very few rock outcrops thus making detailed geological mapping impossible.

During 2004, Cayenne Gold Mines Ltd. spent a total of \$78,473 exploring the property as described above. These expenditures included prospecting, line cutting, sampling, assaying and diamond drilling of 273.41 meters in three different holes.

## LOCATION

The property straddles Hixon Creek, a tributary of Government Creek which flows westerly into the Fraser River (figure #1). The nearest major centre of commerce is the city of Prince George which is 55 kilometres to the north. The village of Hixon on highway #97 is 5 kilometres west of the claim group. Hixon is also a station stop on the CN railway (formerly BC Rail).

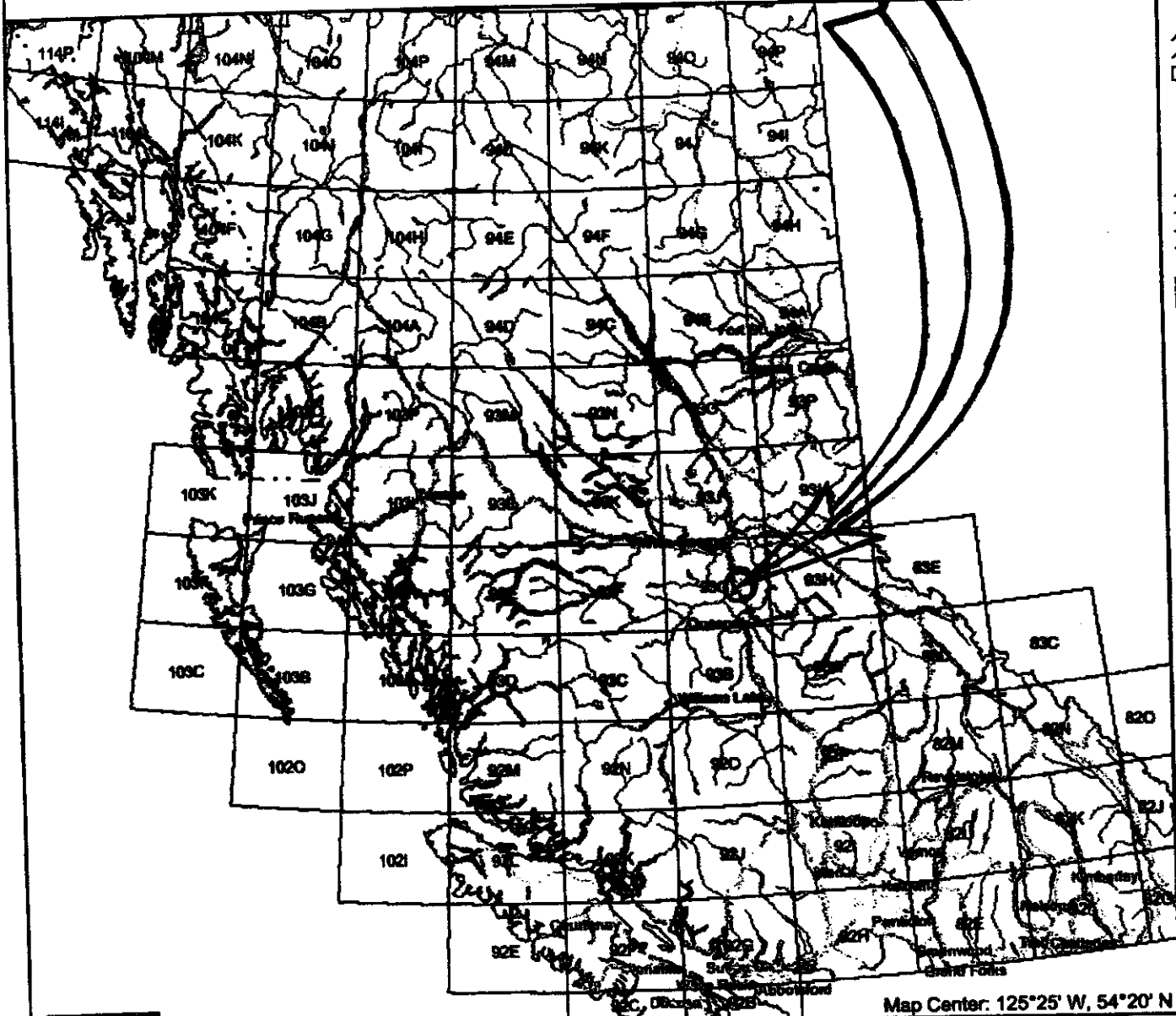
Access to the property is via highway #97, thence by secondary road from a point approximately 5 kilometres south of Hixon where a railway bridge crosses over the highway. The secondary roads are good, gravelled, well-maintained roads, and are followed for approximately 11 kilometres from the highway to the claim group.

The diamond drilling was done on claims owned by Cayenne Gold Mines Ltd. at approximately 53 degrees 25 minutes north latitude and 122 degrees 30 minutes west longitude.

The drill site from which all three holes were drilled was approximately 35 meters S.S.E. of a temporary bridge crossing Hixon Creek as shown in the accompanying sketch. The bridge was removed upon completion of the diamond drilling.

# Area of Hixon Creek Claims

## Legend



- Provincial Boundary (1:500)
- Boundary Intersections
- Boundary Interpenetration
- NTS Grid
- Transportation - Lines (1:500)
- Road - Trunk
- Road - Main
- Rail Line
- Water - Lines (1:500)
- River/Stream - Outline
- Lake - Outline
- Inland - Outline
- Coastline - Outline
- Water - Polygon (1:500)
- River/Stream - Outline
- Lake - Outline
- Major Cities

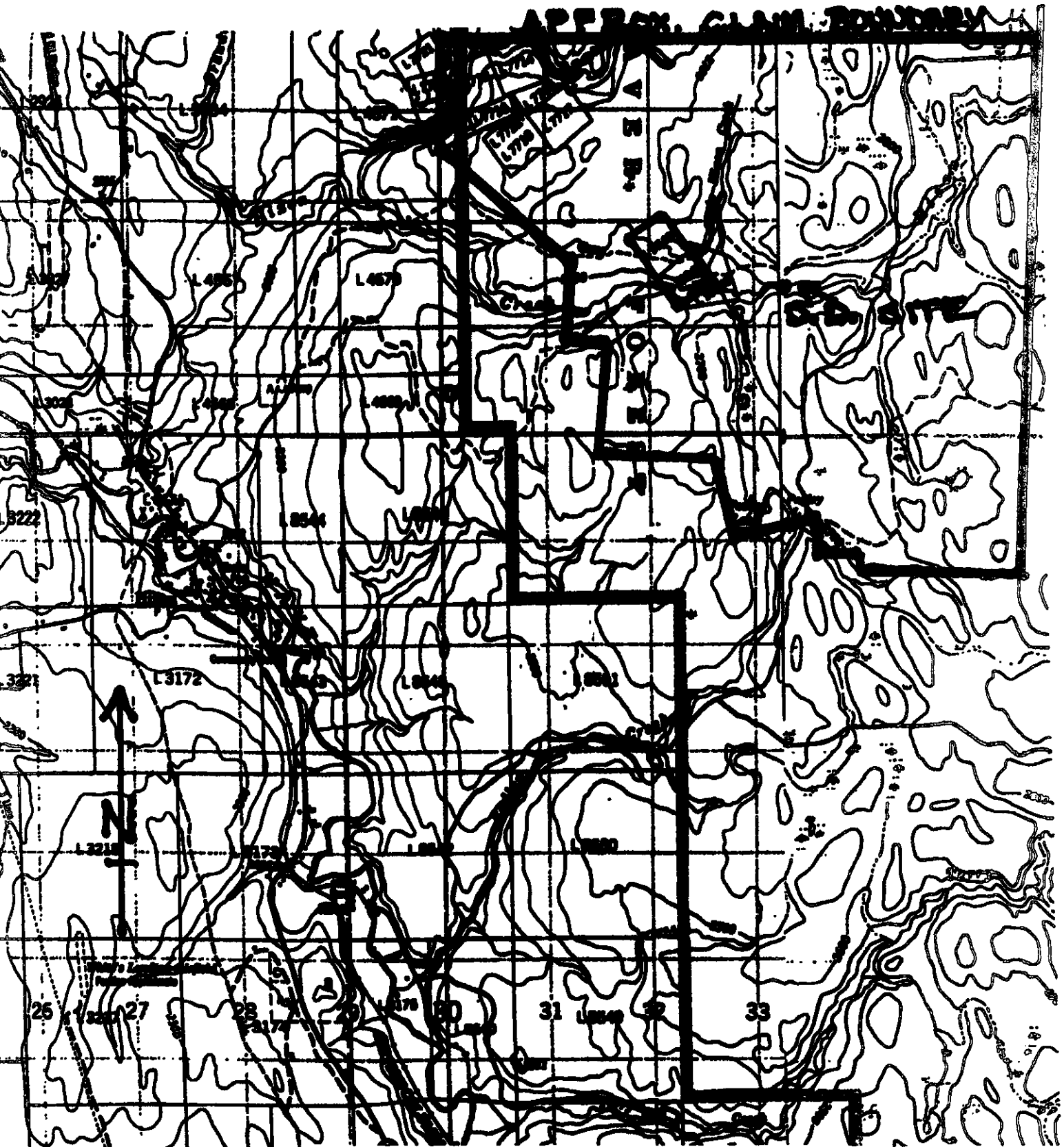
Scale: 1:7,701,706

DO NOT USE FOR NAVIGATION

Map Center: 125°25' W, 54°20' N

147km

APP. EX. CLAIM BOUNDARY



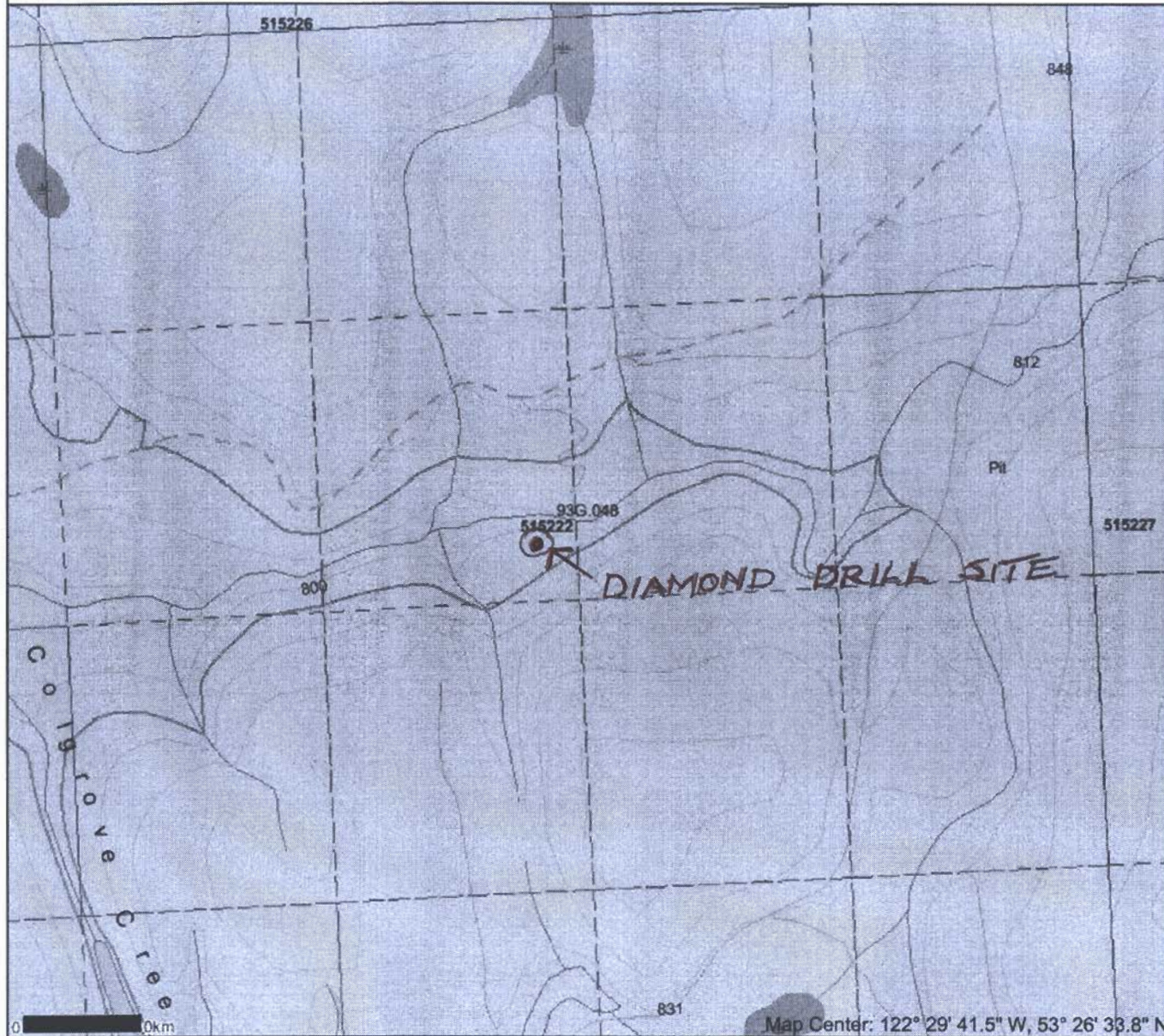
CAYENNE GOLD MINES LTD  
 LOCATION MAP  
 HIXON CREEK AREA, B.C.





Map created Tue Mar 07 09:50:43 PST 2006

### Legend



- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid
- Mineral Tenures
- Reserves (Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Divisions
- Integrated Cadastral Fabric
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road (Paved Undivided) - Not Elevated - 4 Lanes
- Road (Paved Undivided) - U/C - Not Elevated - 4 Lanes
- Road (Unimproved)
- Cut (Roadway)
- Embankment/Fill (Roadway)

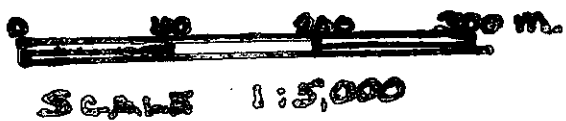
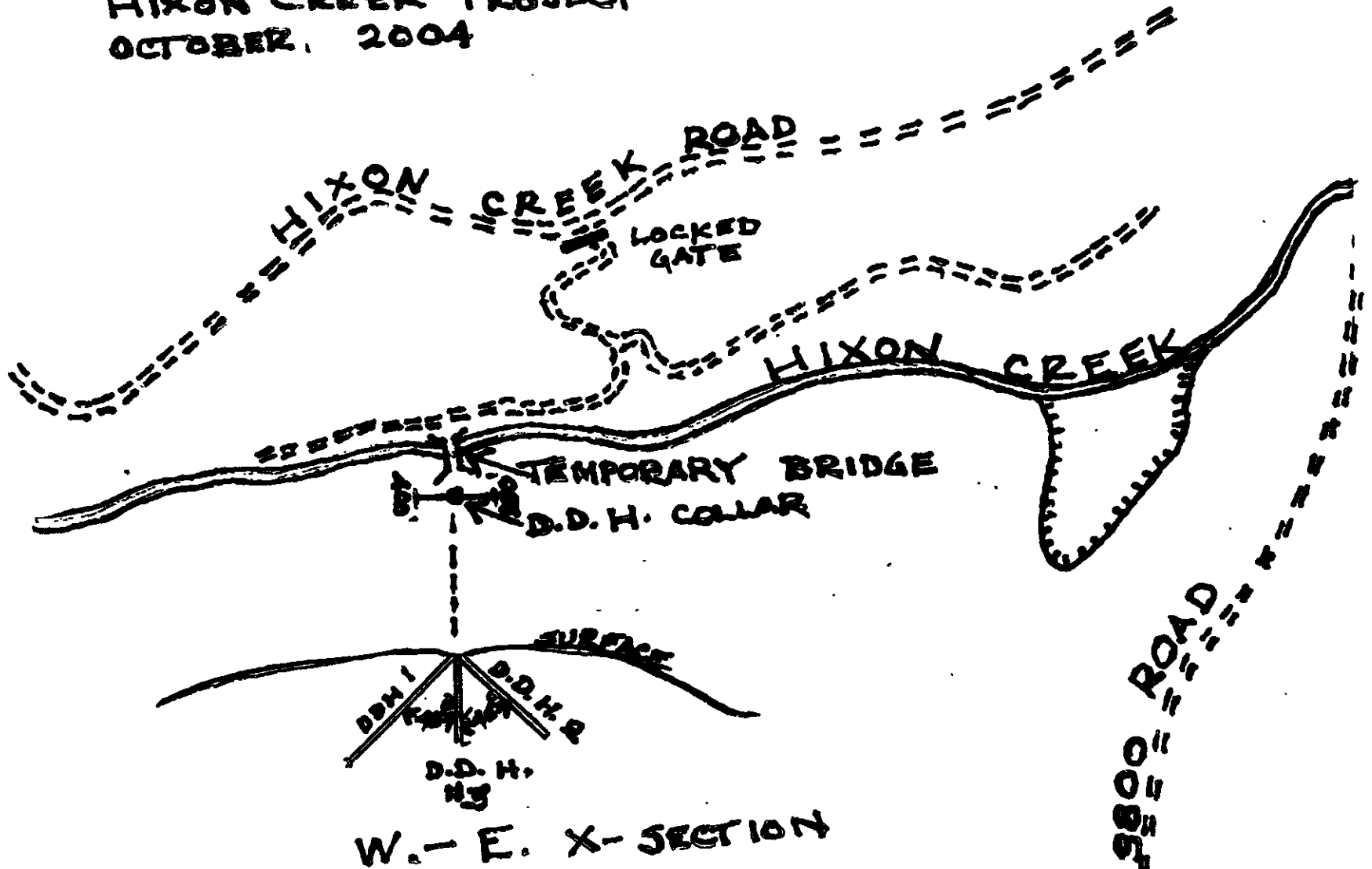
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DO NOT USE FOR NAVIGATION

LOCATION OF D. DRILL HOLES

5

HIXON CREEK PROJECT  
OCTOBER, 2004



CAYENNE GOLD MINES LTD,  
DIAMOND DRILL HOLE LOCATION  
AND X-SECTION

ROAD 9800



## **CLAIM TENURE**

The mineral claims are in good standing and are 100% owned by Cayenne Gold Mines Ltd.

For a list of the claim holdings and their status, please refer to the following Online Viewer of Mineral Titles. Also attached is a map showing the location of the claim holdings.


[Contact Us](#)

## Mineral Titles Online Viewer

Search criteria:

Criteria	Owner	Tenure Type	Tenure Status
	146405	M	GOOD

## CAYENNE GOLD MINES LTD

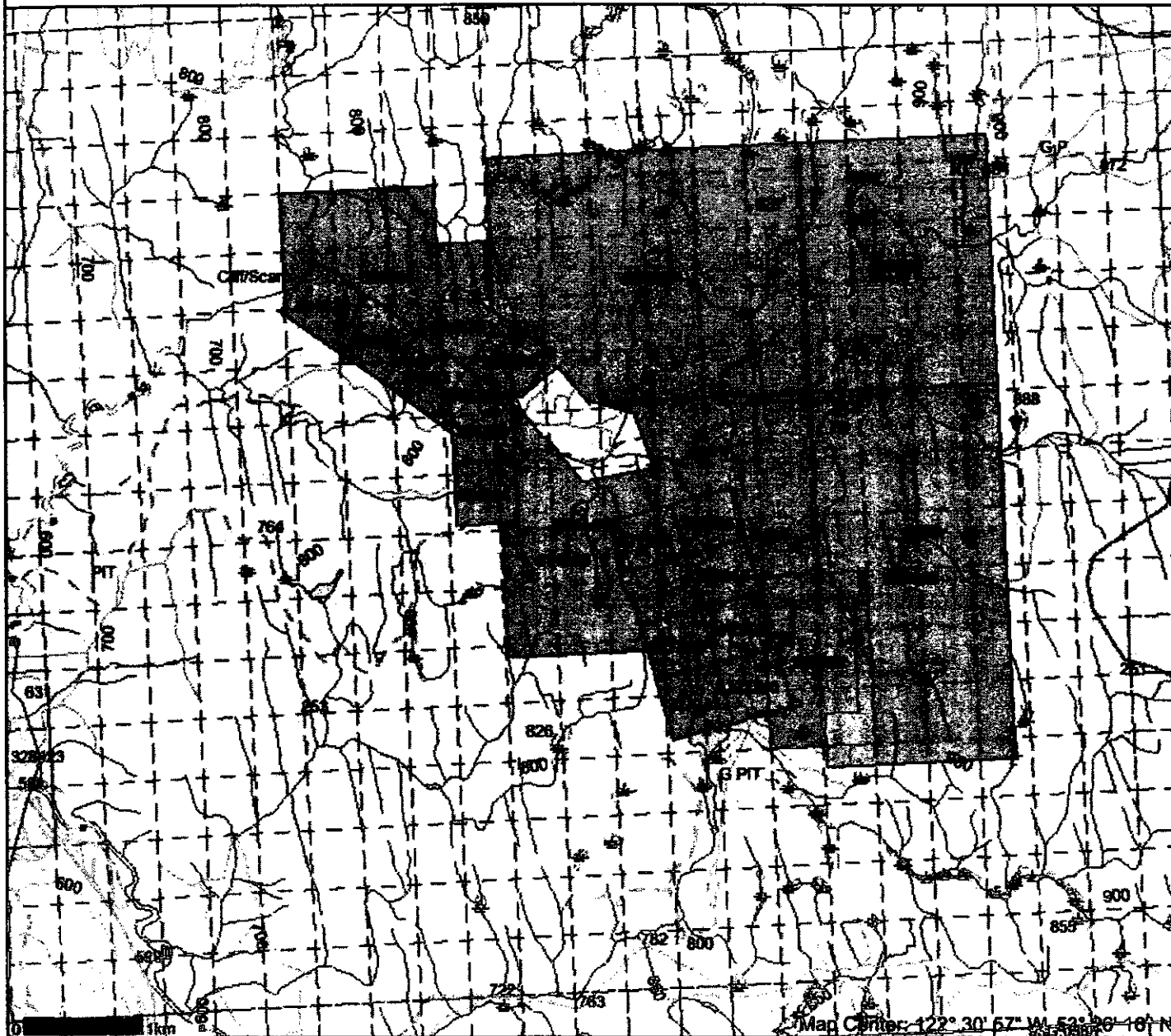
Search results:

Tenure Number	Claim Name	Owner	Map Number	Good To Date	Status	Mining Division	Area
<a href="#">391360</a>	HIXON 31	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391361</a>	HIXON 32	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391369</a>	CAYENNE 81	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391370</a>	CAYENNE 82	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391371</a>	CAYENNE 83	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391372</a>	CAYENNE 84	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391373</a>	CAYENNE 85	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">391375</a>	CAYENNE 87	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	25.0
<a href="#">407302</a>	SUNRISE	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	450.0
<a href="#">407304</a>	NAVOR	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	300.0
<a href="#">407305</a>	HIXON GOLD	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	500.0
<a href="#">411596</a>	GOLDEN LEDGE	<a href="#">146405</a> 100%	<a href="#">093G048</a>	2010/JUN/16	GOOD	CARIBOO	500.0
<a href="#">506158</a>		<a href="#">146405</a> 100%	<a href="#">093G</a>	2010/JUN/16	GOOD		115.603
<a href="#">506161</a>		<a href="#">146405</a> 100%	<a href="#">093G</a>	2010/JUN/16	GOOD		173.293

Click [here](#) to go back to the tenure search page.

Map created Wed May 04 12:07:11 PDT 2005

### Legend



- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid
- Mineral Terraces
- Reserves (Bites)
- Floor Claim Designation
- Floor Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Divisions
- SCSG Grid
- Contours (1:2500)
- Contour - Index
- Contour - Intermediate
- Arcs/Estuaries
- Arcs/Indefinite Contours
- Transportation - Points (TRMS)
- Inlet
- Transportation - Lines (TRMS)
- Airfield
- Airport
- Airstrip
- Airport/Abandoned
- Ferry Route
- Road (Gravel Unimproved) - 1 Lane
- Road (Gravel Unimproved) - 2 Lanes
- Road (Gravel Unimproved) - UIC - 1 Lane
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- Road (Paved Unimproved) - Not Elevated - 2 Lanes
- Road (Paved Unimproved) - Not Elevated - 4 Lanes
- Road (Paved Unimproved) - UIC - Not Elevated - 4 Lanes
- Road (Unimproved)
- Cut (Roadway)
- Embankment/PW (Roadway)
- Trail
- Bridge - Foot
- Bridge - Truss
- Tunnel
- Bridge
- Rail Line (Double Track)
- Rail Line (Multiple Track)
- Rail Line (Single Track)

Scale: 1:50,000

DO NOT USE FOR NAVIGATION

## **GEOLOGY**

In the Hixon Creek area lode gold is found in rocks of Upper Triassic and lower Jurassic age. These rocks are composed of sericite schist and are interbanded with greenstones in which the majority of the auriferous quartz veins appear.

These rocks are partially overlain by a Tertiary conglomerate of irregular thickness.

Most of the area in question is overlain by Quarternary deposits which severely restrict bedrock exposure.

The older schists and greenstones are irregularly exposed along the creek beds. Fragments of schist are abundant over large areas in rubble, but true outcrops are rare.

## WORK PROGRAM

Work on the property consisted of surface prospecting in an effort to locate old workings, both placer and lode of previous explorers. Little success in locating old workings was achieved due to an almost complete cover of overburden and dense growth of foliage in the areas of interest.

A diamond drill program consisting of three holes of NQ core for a total 273.41 meters of drilling was completed in an effort to learn the underlying bedrock geology. The drill pattern was planned to provide a cross-section at right angles to the strike of the regional geologic structure.

All three diamond drill holes were collared in the same location

<u>Hole #</u>	<u>Strike</u>	<u>Dip</u>	<u>Depth</u>
1.	W.	-45 degrees	121.92 meters
2.	E.	-45 degrees	88.39 meters
3.		Vertical	63.09 meters

Drilling commenced on October 9, 2004 and continued until October 25, 2004. Extreme weather conditions persisted throughout the drilling with snow and unseasonably low freezing temperatures.

All three diamond drill holes for their entire lengths encountered a Tertiary chaotic conglomerate, a relatively little known rock type in the area.

The conglomerate is completely unsorted, clastic, angular and made up of clasts of varying proportions of schist and greenstone indicating a local origin. The matrix is composed of small fragments and a high proportion of clay. The conglomerate is probably a mud flow material which has been deposited on an irregular Tertiary surface.

Ten samples were taken of the core and/or sludge and assayed for gold. All samples carried very minor amounts of gold varying from <.01 gm./mt. to .02 gm./mt. A copy of the assay results is appended.

The diamond drilling was done under contract by Adam Diamond Drilling of Princeton B.C. The driller was Mr. George Adam assisted by his brother Les Adam, owners and operators of the drill company.

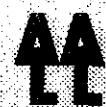
The drillers achieved remarkably good core recovery as the rock in many places was barely consolidated and very friable. Core recoveries averaged approximately 80% throughout.

I ( H.A. Briden ) spotted the drill holes, logged the core, split some of it and handed it in for assay, the results of which are attached.



## DIAMOND DRILL HOLE - ASSAY RESULTS

<b>SAMPLE #</b>	<b>Au gm/t</b>	<b>LOCATION</b>
146251	0.01	Hole #2 45-46M
146252	< 0.01	Hole #2 70-71M
146253	< 0.01	Hole #2 82-83M
146254	< 0.01	Hole #2 87-88M
146255	0.02	Hole #3 50-51M
146256	0.01	Hole #3 25-26M
146257	< 0.01	Hole #1 10-12M
146258	0.01	Hole #1 55-57M
146259	0.01	Hole #1 109-111M
146260	< 0.01	Hole #1 30M sludge



ASSAY CERTIFICATE

Cayenne Gold Mines File # A407253

B20 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: H.A. Briden

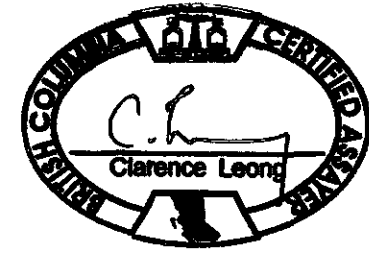
SAMPLE#	Au** gm/mt
SI	<.01
A 146251	.01
A 146252	<.01
A 146255	.02
A 146256	.01
A 146257	<.01
A 146258	.01
A 146259	.01
90' #1 DDH	.02
BOX 8 200'	.01
STANDARD AU-1	3.41

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.  
- SAMPLE TYPE: CORE R150 60C

Data FA

DATE RECEIVED: NOV 19 2004

DATE REPORT MAILED: Dec 3/04





ASSAY CERTIFICATE



Cayenne Gold Mines File # A407254  
820 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: H.A. Briden

SAMPLE#	Au** gm/mt
SI	<.01
A 146253	<.01
A 146254	<.01
A 146260	<.01
STANDARD AU-1	3.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.  
- SAMPLE TYPE: SLUDGE P150 60C

Data *h* FA *Val*

DATE RECEIVED: NOV 19 2004 DATE REPORT MAILED: *Dec 13/04*



## CONCLUSIONS

The extent of the large deposit of Tertiary conglomerate was not anticipated and as a result nothing constructive was learned about the underlying schists and greenstones. A deeper drilling program will be required to test the extent of the conglomerate and to configure the underlying rocks.

Ten (10 ) samples of the conglomerate were assayed for gold and all carried minor amounts ( 0.01 gm./mt. -- 0.02 gm./mt. ). This may be a reflection of the gold content of the greenstone clasts which appear to represent some 10% or thereabouts of the conglomerate.

## EXPLORATION COSTS - HIXON PROJECT 2004

January 1<sup>st</sup> - December 31st

Diamond Drilling - \$18.00/ft. or \$59.22/meter  
plus mobilization and demobilization from  
Princeton, BC to the drill site, plus food and  
accommodation for 2 drillers for 20 days. 26,822.00

### Vehicles

Javorski truck-mileage (@\$0.38/km for 75 days  
(4 return trips Vancouver-Hixon)  
Briden van - mileage (\$0.38/km) for 22 days  
(3 return trips Vancouver to Hixon)  
Cayenne ½ ton pick-up-maintenance and  
repairs for 1 year 17,720.00

Supplies & Accommodation - Motel & meals  
for 150 man days (\$88.00/day) 13,170.00

Prospecting & line-cutting- 2 men for 4 weeks  
(Javorski and helper) \$168.00/day 9,416.00

Bridge building & bridge removal (Contracted) 4,489.00

Equipment-rental, repairs & maintenance 3,971.00

Miscellaneous 2,402.00

Assaying 483.00

**Total \$78,473.00**

## STATEMENT OF H.A. BRIDEN

I, H.A. Briden, Geologist, state as follows:

That I have completed the work attributed to me as outlined in the forgoing Exploration Report on the Hixon Creek project

That I graduated from the Ontario Provincial Institute of Mining ( now known as the Haileybury School of Mines ) in the Spring of 1951

That I graduated from Queen's University in Kingston, Ontario with a B.A. in Geology in 1958

I have been involved in the mineral exploration business for 56 years and have experience in many parts of the world

That my mailing address is #1004 – 470 Granville Street, Vancouver, B.C. V6C 1V5

Respectfully submitted,

Handwritten signature of H.A. Briden, B.A. in cursive script.

H.A. Briden  
Geologist

May 16<sup>th</sup>, 2005



## STATEMENT OF DAVID JAVORSKY

I, David Javorsky, Prospector, state as follows:

That I have completed the work attributed to me as outlined in the forgoing Exploration Report on the Hixon Creek project.

That I graduated from the B.C. and Yukon Chamber of Mines Prospecting School.

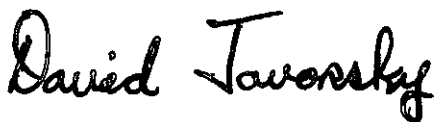
That I graduated from B.C. Geological Survey, Advanced Prospecting School.

That I graduated from the B.C. Ministry of Energy, Mines and Petroleum Resources, Petrology for Prospector's Course.

That I have actively worked as a Prospector for most of the last 30 years.

That my mailing address is #818 – 470 Granville Street, Vancouver, B.C. V6C 1V5

Respectfully submitted,



**David Javorsky**  
Prospector

May 16<sup>th</sup>, 2005

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