

HIXON CREEK PROJECT

Exploration & Sampling Program
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 Map 93G7E/8W

Assessment Report
for
Cayenne Gold Mines Ltd.
#1004 – 470 Granville Street
Vancouver, BC V6C 1V5

by
H. Alex Briden, B.A. Geologist

September 18, 2006



MINERAL SURVEY BRANCH
2006/11/27

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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 lode occurrences.

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

Between May 19th and May 31st, 2006, Cayenne spent \$11,868.00 prospecting, trenching and sampling in an area adjacent to the Main Shaft and downstream near the Raven adit.

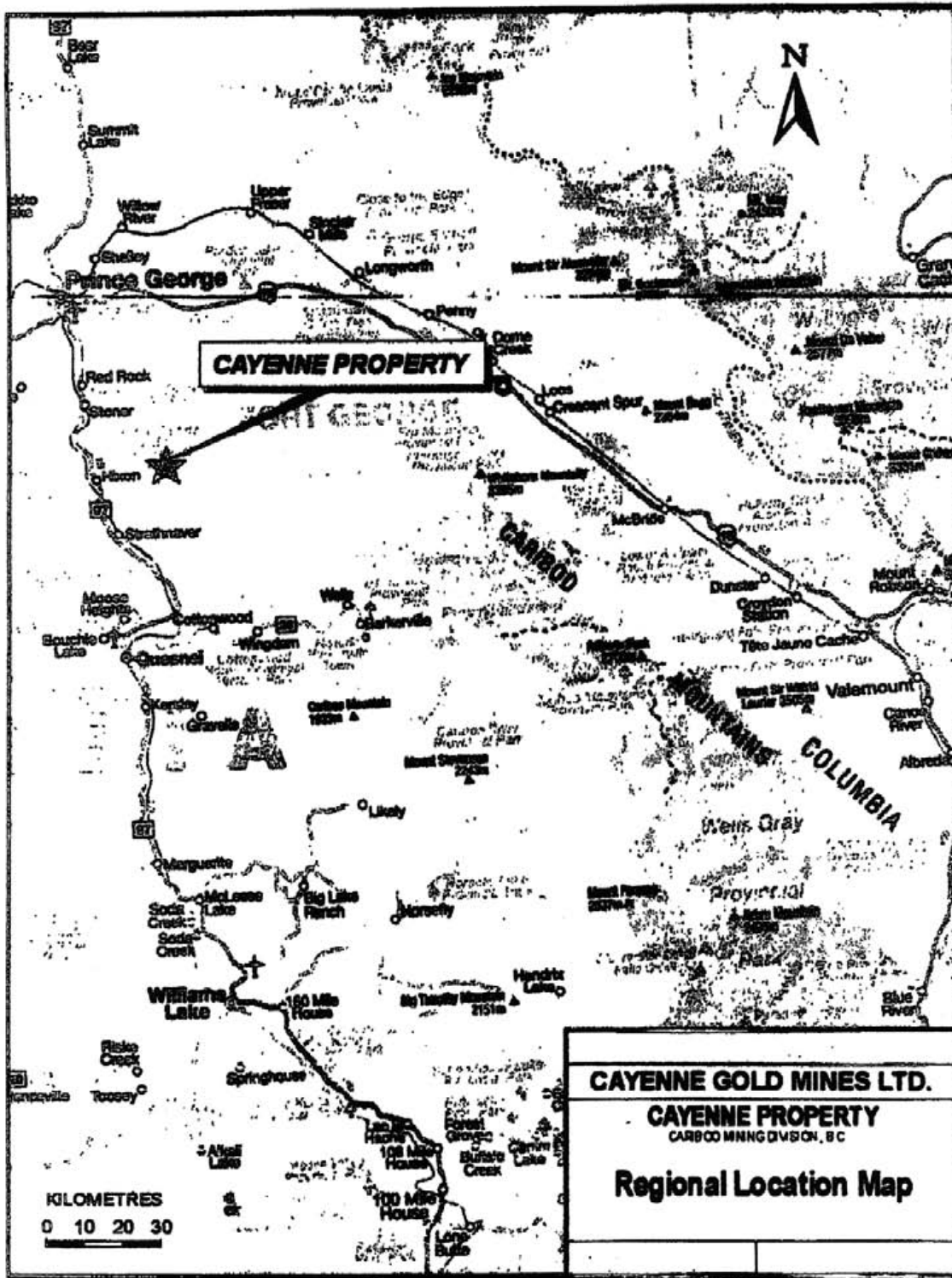
The trenching and sampling program was intended to explore a greenstone-schist contact zone for gold mineralization.

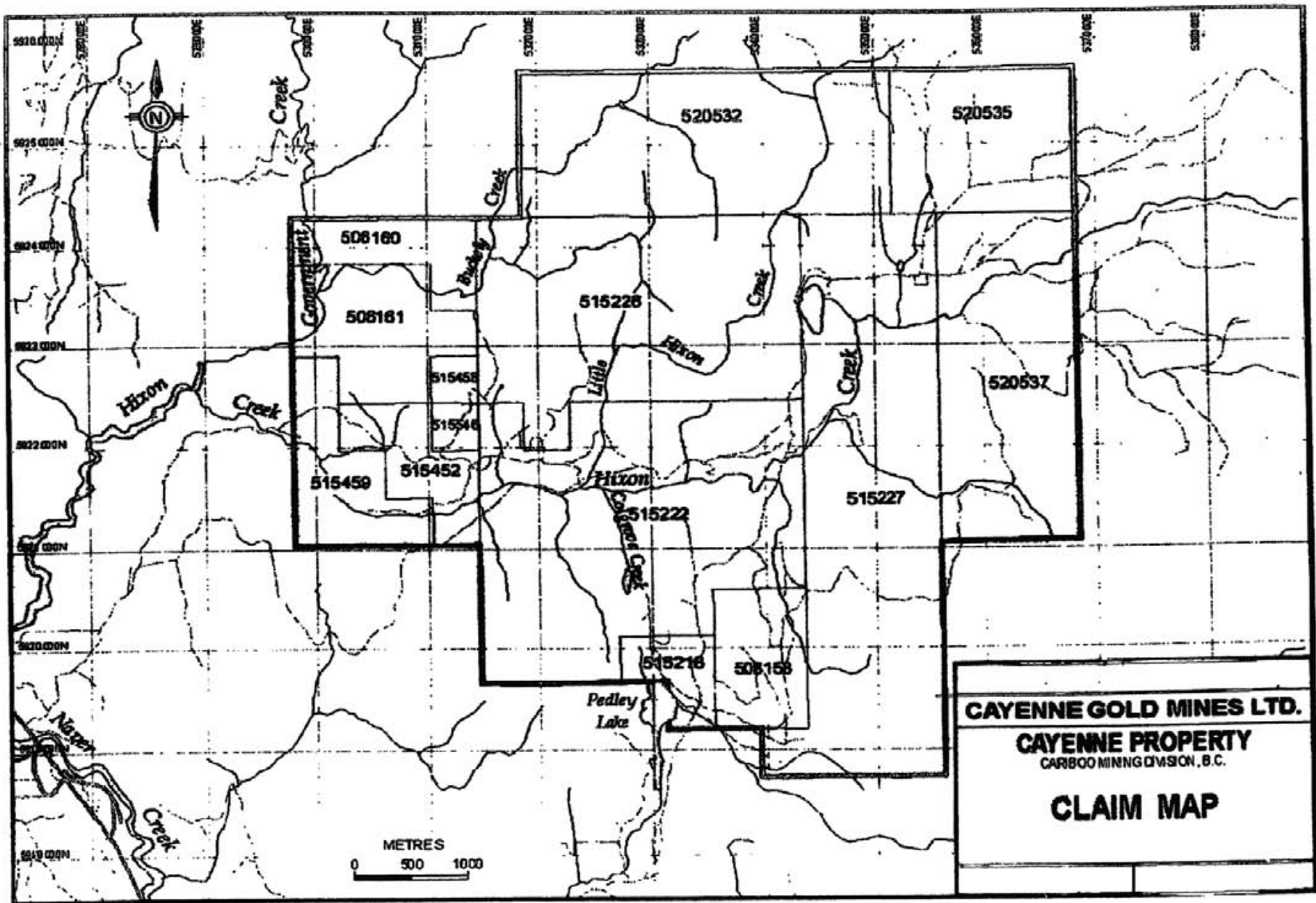
LOCATION

The property straddles Hixon Creek, a tributary of Government Creek which flows westerly into the Fraser River. The nearest major centres of commerce are Prince George .55 kilometers to the north, or Quesnel 60 kilometers to the south. 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, graveled, well maintained roads and are followed for approximately 11 kilometers from the highway to the claim group.







CAYENNE GOLD MINES LTD

1004-470 Granville Street

Vancouver, BC V6C 1V5 Canada

Tel: 604-687-8623 * Fax: 604-687-8624 * email: cayenne@telus.net

LIST OF CLAIMS – HIXON PROPERTY

Tenure N	Tenure T	Claim Name	Owner	Map Number	Good To Date	Status	Mining Division	Area
385631	Placer		146405 (100%)	093G048	2007/MAY/25	GOOD	CARIBOO	83.2
506158	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		115.603
506161	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		173.293
515218	Mineral	PEDLEY LAKE G	146405 (100%)	093G	2007/JUN/24	GOOD		57.805
515222	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		674.191
515226	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		558.358
515227	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		712.652
515452	Mineral		146405 (100%)	093G	2010/JUN/16	GOOD		96.302
515458	Mineral	CAYENNE 205	146405 (100%)	093G	2007/JUN/28	GOOD		19.257
515459	Mineral	CAYENNE 205	146405 (100%)	093G	2007/JUN/28	GOOD		134.826
515460	Mineral	CAYENNE 207	146405 (100%)	093G	2007/JUN/28	GOOD		96.258
515546	Mineral	CAYENNE 208	146405 (100%)	093G	2007/JUN/29	GOOD		19.259
520532	Mineral	LYN 1	146405 (100%)	093G	2006/SEP/28	GOOD		461.921
520535	Mineral	LYN 2	146405 (100%)	093G	2006/SEP/28	GOOD		230.957
520537	Mineral	LYN 3	146405 (100%)	093G	2006/SEP/28	GOOD		404.373
520843	Mineral		146405 (100%)	093G	2006/OCT/06	GOOD		346.663
520845	Mineral		146405 (100%)	093G	2006/OCT/06	GOOD		154.125
523430	Placer	HIXON CREEK F	146405 (100%)	093G	2006/DEC/03	GOOD		38.52
531507	Placer	HIXON CREEK F	146405 (100%)	093G	2007/APR/07	GOOD		38.525

GEOLOGY

Past work has described the host setting for mineralization as a greenstone – schist contact which is frequently altered with carbonate and quartz. Some workers have described the greenstone as a porphyry. Quartz vein mineralization is found parallel to the contact of these greenstone-porphyry bodies and often a series of short quartz veinlets at right angles to the contact extend some distance into them. This description has strong similarities to the “brown ore” of the California Motherlode Mining District. Several of these brown ore type of deposits in California have been mined profitably as open pit mines.

The trenching and sampling program was performed by David Javorsky under the guidance of Brian Simmons, P.Eng. and H.A. Briden B.A. (geologist).

TRENCHING

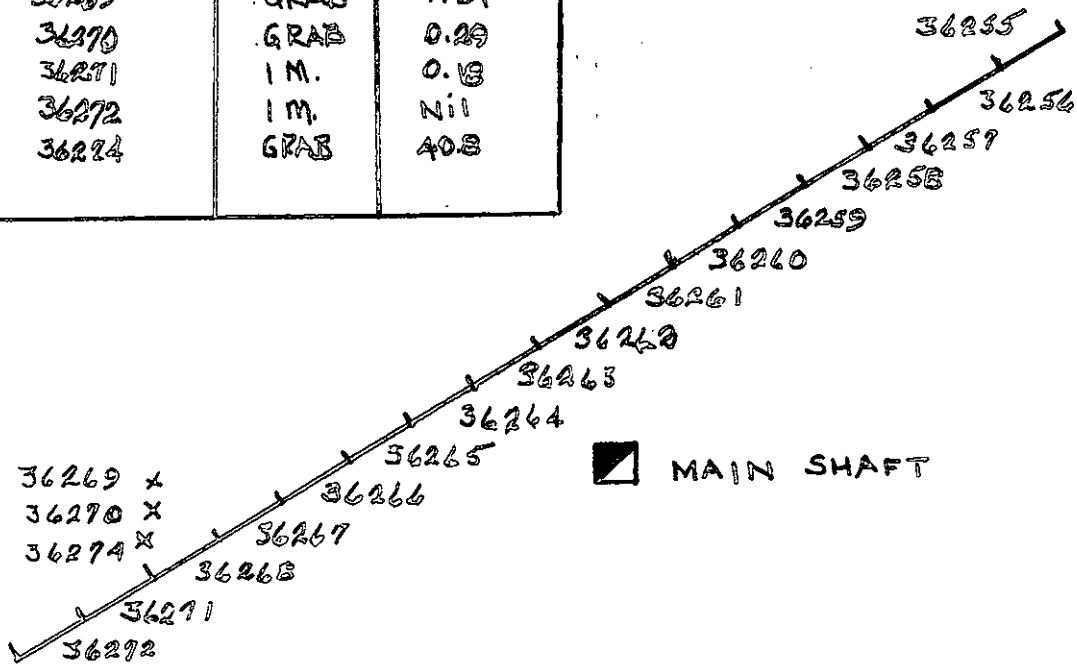
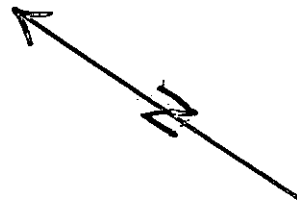
A Case backhoe, front end loader was used to trench across the strike of the local geology between the main shaft and where the Koch adit was thought to be situated. One trench approximately 16 meters in length and one meter wide was in a NW – SE direction 2 ½ metres north of the main shaft. The bottom of the trench was channel sampled (as per page 9) the Main Shaft sample plan. A second trench about 19 metres in length, 1 metre wide and of varying shallow depth was excavated roughly parallel to the trench at the main shaft. This trench was begun about 2 metres east of the Raven adit and ran in an easterly direction as may be seen in the sample plan of the Raven adit area (as per page 10).

During the trenching program the old Main shaft was located. It had been covered with logs, dirt and brush which were removed in order to examine the state of the shaft timbers, ladders, etc. The shaft was filled to the collar with water some of which was pumped out in order to evaluate the condition of the timber and ladders.

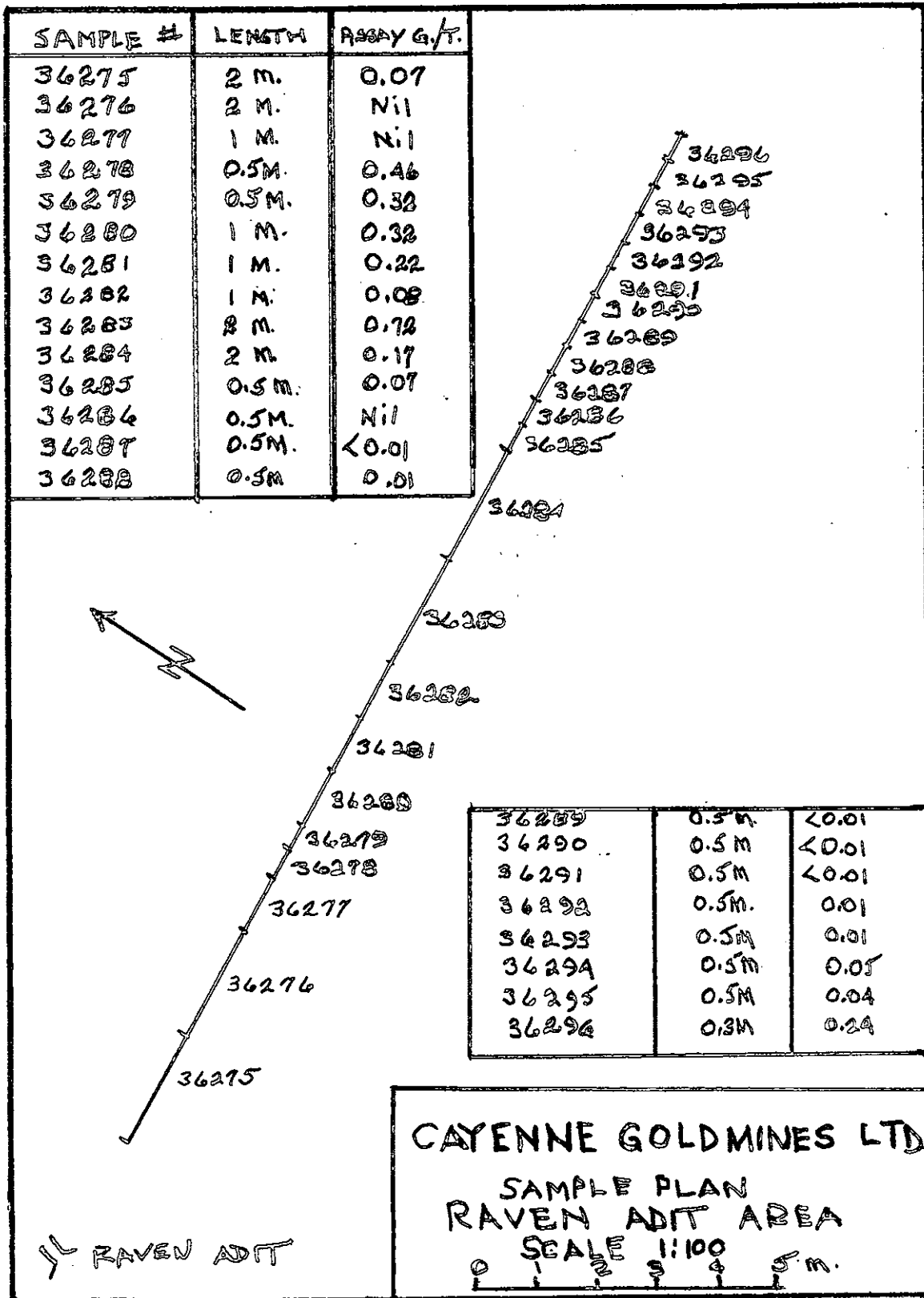
The timber and ladders appeared to be sound and are probably still functional and safe. The depth of the shaft was plumbed and found to be 63 metres deep.

After completing the plumbing and examination of the shaft it was recovered with 2 layers of new timber, sheet metal roofing, rocks and soil.

SAMPLE #	LENGTH	ASSAY G./T
36255	1 M.	0.29
36256	1 M.	1.82
36257	1 M.	2.02
36258	1 M.	0.71
36259	1 M.	0.16
36260	1 M.	8.83
36261	1 M.	0.21
36262	1 M.	0.05
36263	1 M.	TR.
36264	1 M.	0.30
36265	1 M.	0.10
36266	1 M.	0.15
36267	1 M.	0.04
36268	1.1 M.	68.80
36269	GRAB	1.64
36270	GRAB	0.29
36271	1 M.	0.13
36272	1 M.	Nil
36274	GRAB	40.8



CAYENNE GOLD MINES LTD.
 SAMPLE PLAN
 MAIN SHAFT AREA
 SCALE 1:100
 0 1 2 3 4 5 m.



Sampling

36251 A silt sample from lower road, south of Hixon Creek, along road to main shaft. Silt from quiet area of active stream. GPS: 53° 26.330' N, 122° 31.760' W.

36252 A silt sample from lower road, south of Hixon Creek, along road to main shaft. Silt from quiet area of active stream. GPS: 53° 25.967' N, 122° 32.246' W.

36253 Mineralized greenstone, from broken rock pile, used by the road builders, contains pyrite. GPS: 55° 25.614' N, 122° 30.185 Au trace.

26254 Quartz in road cut, 4" quartz vein in a brown altered greenstone. Close to 38A7.5 road marker. GPS: 53° 25.600' N, 122° 30.181' W.

36255 Trench at main shaft. Brown decomposed porphyry greenstone. Across one meter, starting 3 meters west off the east end of the trench. Small calcite veins (less than 1 inch). GPS: 53° 26.585' N, 122° 31.276' W. Au 0.29 grams.

36256 Across one meter, starting 4 meters west of the east end of the trench. Similar to above. A brown decomposed porphyry greenstone with small (less than 1 inch) quartz calcite veins. GPS: 53° 26.574' N, 122° 31.272' W. Au 1.82 grams.

36257 Across one meter, starting 5 meters west of the east end of the trench. Brown weathered decomposed greenstone. GPS: 53° 26.578' N, 122° 31.273' W. Au 2.02 grams.

36258 Across one meter starting 6 meters west of the east end of the trench. Brown weathered greenstone, containing a 4" quartz calcite vein, running NW. GPS: 53° 26.576' N, 122° 31.273' W. Au 0.71 grams.

36259 Across one meter starting 7 meters west of the east end of the trench. Brown weathered greenstone. Crossed by an old 3" pipe going to the main shaft. Perhaps an airline. GPS: 53° 26.576' N, 122° 31.273' W. Au 0.16 grams.

36260 Across one meter starting 8 meters west of the east end of the trench. Brown altered greenstone. Very soft, decomposed, with 4" quartz calcite vein striking about 310°. GPS: 53° 26.576' N, 122° 31.274' W. Au 8.83 grams.

36261 Across one meter, starting 9 meters west of the east end of the trench. Brown weathered decomposed soft greenstone. A 2" pipe heads from the main shaft to the river. GPS: 53° 26.573' N, 122° 31.278' W. Note: At this point I had just changed batteries in the GPS. Au 0.21 grams.

36262 Across one meter, starting 10 meters west of the east end of the trench. Brown decomposed greenstone, soft. GPS: 53° 26.574' N, 122° 31.279' W. Au 0.05 grams.

36263 Across one meter, starting 11 meters west of the east end of the trench. Brown decomposed greenstone, getting harder, containing some quartz eyes. GPS: 53° 26.575' N, 122° 31.281' W. Au Trace.

36264 Across one meter, starting 12 meters west of the east end of the trench. Brown decomposed greenstone, hard, containing some, gray quartz eyes. GPS: 53° 26.578' N, 122° 31.279' W. Au 0.30 grams.

36265 Across one meter, starting 13 meters west of the east end of the trench. Brown decomposed greenstone, hard, containing gray quartz eyes. GPS: 53° 26.577' N, 122° 31.279' W. Au 0.10 grams.

36266 Across one meter, starting 14 meters west of the east end of the trench. Brown decomposed greenstone, very hard contains gray quartz eyes. GPS: 53° 26.579' N, 122° 31.276' W. Au 0.15 grams.

36267 Across one meter, 15 meters west of the east end of the trench. Brownish, decomposed greenstone with pale gray quartz eyes, very hard. Quartz porphyry, lots of blackish stain on RK, perhaps manganese. GPS: 53° 26.579' N, 122° 31.278' W. Au 0.04 grams.

36268 Across 1.1 meter, 16 meters west of the east end of the trench. Broken, mineralized quartz. Backhoe is unable to dip deep enough to determine if this quartz is solid. Quartz contains small (1/8 inch) blebs of galena in a bone white sparkling quartz. A green mica possible mariposite. Very small grains of sphallerite. Visible gold. GPS: 53° 26.577' N, 122° 31.279' W. Au 68.8 grams (2.006 ounce/TN).

36269 Selected sample, quartz containing pyrite blebs, bone white, rusty stain. Object: to see if pyrite carries gold values. GPS: 53° 26.584' N, 122° 31.269' W. Au 1.64 grams.

36270 Selected sample, brown hard siderite like iron carbonate ? with quartz eyes. GPS: 53° 26.573' N, 122° 31.271' W. Au 0.29 grams.

36271 Across one meter, brown hard greenstone with gray quartz eyes, like siderite, sample starts at GPS: 53° 26.572' N, 122° 31.274' W. Au 0.18 grams.

36272 Across one meter, brown, hard greenstone with gray quartz eyes. GPS: 53° 26.574' N, 122° 31.273' W. Au nil.

36274 Selected sample loose quartz from trench. Massive sulfide 25%, pyrite, bone white quartz, fryable. GPS: 53° 26.593' N, 122° 31.514' W. Au 40.8 grams (1.188 ounce/TN)

36275 Raven Adit, starting 2 meters east of the Raven Adit. Across 2 meters of brown decomposed greenstone. GPS: 53° 26.596' N, 122° 31.514' W. Au 0.07 grams.

36276 Raven Adit immediately east 36275, across 2 meters of brown decomposed greenstone. Au Nil.

36277 Brecciated greenstone with quartz clasts. Across one meter immediately east of 36276. GPS: 53° 26.590' N, 122° 31.521' W. Au Nil.

36278 Raven Adit immediately east of 36277. 0.5 meter of quartz breccia with manganese stain. Very hard. GPS: 53° 26.589' N, 122° 31.522' W. Au 0.46 grams.

36279 Raven Adit, immediately east of 36278. 0.5 meter of quartz breccia with manganese stain. Stops at contact, sharp contact, with distorted sediments (schist). GPS: 53° 26.590' N, 122° 31.522' W. Au 0.32 grams.

36280 Immediately east 36279. One meter of contorted twisted sediments, schist. Dark weathering but pale gray on interior. GPS: 53° 26.587' N, 122° 31.527' W. Au 0.32 grams.

36281 Immediately east of 36280. Across one meter of schist. Bleached white. GPS: 53° 26.589' N, 122° 31.520' W. Au 0.22 grams.

36282 Immediately east of 36281. Across one meter of schist. Quite a bit of the schist is very silica rich. GPS: 53° 26.591' N, 122° 31.525' W. Au 0.08 grams.

36283 Immediately east of 36282. Across two meters of quartz rich schist. Small (1/2 inch) quartz veins are mixed into the schist. Also some black argillite. GPS: 53° 26.586' N, 122° 31.521' W. Au 0.72 grams.

36284 Immediately east of 36283. Across two meters of schist. The schist is decomposed, and it contains an 8" quartz vein. GPS: 53° 26.583' N, 122° 31.524' W. Au 0.17 grams.

36285 Immediately east of 36284. A large quartz vein. Solid, milky white, sparkling. Across 0.5 meter. GPS: 53° 26.583' N, 122° 31.523' W. Au 0.07 grams.

36286 Immediately east 36285. Across 0.5 meter of milky white quartz vein. GPS: 53° 26.594' N, 122° 31.524' W. Au Nil.

36287 Immediately east of 36286. Across 0.5 meter of milky white quartz vein. GPS: 53° 26.591' N, 122° 31.528' W.

36288 Immediately east of 36287. Across 0.5 meters of milky, white quartz. GPS: 53° 26.592' N, 122° 31.526'.

36289 Immediately east of 36288. Across 0.5 meters of milky, white quartz. GPS: 53° 26.589' N, 122° 31.525'.

36290 Immediately east of 36289. Across 0.5 meters of milky, white quartz. GPS: 53° 26.583' N, 122° 31.521'.

36291 Immediately east of 36290. Across 0.5 meters of milky, white quartz. GPS: 53° 26.586' N, 122° 31.524'.

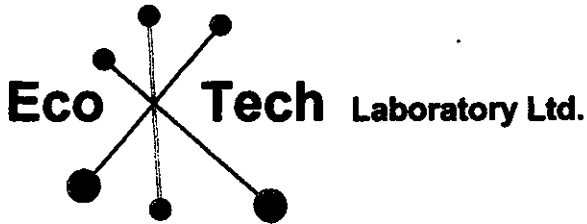
36292 Immediately east of 36291. Across 0.5 meters of milky, white quartz. GPS: 53° 26.592' N, 122° 31.522'.

36293 Immediately east of 36292. Across 0.5 meters of milky, white quartz. GPS: 53° 26.585' N, 122° 31.519'.

36294 Immediately east of 36293. Across 0.5 meters of milky, white quartz. GPS: 53° 26.591' N, 122° 31.525'.

36295 Immediately east of 36294. Across 0.5 meters of milky, white quartz. GPS: 53° 26.594' N, 122° 31.533'.

36296 Immediately east of 36295. Across 0.3 meters of rotten schist. GPS: 53° 26.578' N, 122° 31.523'.



ASSAYING
 GEOCHEMISTRY
 ANALYTICAL CHEMISTRY
 ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
 Phone (250) 573-5700 Fax (250) 573-4557
 E-mail: info@ecotechlab.com
 www.ecotechlab.com

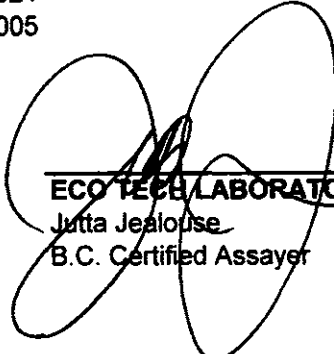
CERTIFICATE OF ASSAY AK 2006-527

Cayenne Gold Mines
 #1004-470 Granville St.
VANCOUVER, BC
V6C 1V5

13-Jun-06

No. of samples received: 21
 Sample type: Rock

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	36253	0.03	0.001
2	36254	<0.03	<0.001
3	36257	2.02	0.059
4	36259	0.16	0.005
5	36260	8.63	0.252
6	36261	0.21	0.006
7	36262	0.05	0.001
8	36263	<0.03	<0.001
9	36264	0.30	0.009
10	36265	0.10	0.003
11	36271	0.18	0.005
12	36272	<0.03	<0.001
13	36273	0.15	0.004
14	36275	0.07	0.002
15	36276	<0.03	<0.001
16	36277	<0.03	<0.001
17	36280	0.32	0.009
18	36281	0.22	0.006
19	36282	0.08	0.002
20	36283	0.72	0.021
21	36284	0.17	0.005


ECO TECH LABORATORY LTD.
 Jutta Jealouse
 B.C. Certified Assayer

ASSAY CERTIFICATE



Cayenne Gold Mines File # AG02918

1006 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: Alex Briden

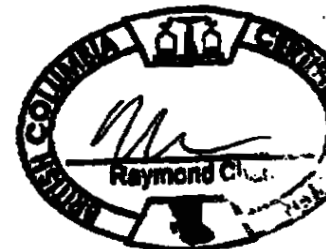
SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
36287	503	<.01	<.01	<.01
36288	484	<.01	.01	.01
36289	535	<.01	<.01	<.01
36290	492	<.01	<.01	<.01
36291	500	<.01	<.01	<.01
36292	493	<.01	.01	.01
36293	467	<.01	.01	.01
36294	501	<.01	.05	.05
36295	516	<.01	.04	.04
36296	486	<.01	.24	.24
STANDARD OxL34	-	-	5.77	5.77

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: ROCK M150

07-06-2006 A08:26

Data PA *YMS* DATE RECEIVED: JUN 20 2006 DATE REPORT MAILED:.....

-16-



REHABILITATION

After examining the main shaft and channel sampling the trenches, all areas were filled in with top soil and re-seeded with a grass mixture known as Cariboo Range Control.

CONCLUSIONS

Gold is erratically present in the target area but much more work is required to further determine if economic grades and quantities exist.

Such further work will include additional trenching as well as geophysics in the form of an Induced Polarization Survey with lines at right angles to the trend of the mineralization.

Upon reviewing the I.P. results (if favourable) follow up with diamond drilling along the favourable zones both along strike and at depth.

EXPLORATION COSTS HIXON PROJECT 2006

May 20th - June 1st 2006

Personnel

Brian Simmons, P. Eng.	2 days @ \$30.00/hr	\$480.00
H.A. Briden	4 days “ “	\$960.00
D. Javorsky	11 days “ “	\$1,760.00
R. Spinks	11 days “	\$1,760.00

Accommodation and Meals

Simmons	2 days	
Briden	4 days	
Javorsky	11 days	
Spinks	<u>11 days</u>	
	28 days @ \$100.00 /day	\$2,800.00

Chainsaw Rental (11 days, standby @ \$10.00) \$110.00

Front end loader and backhoe \$1,625.00

Assaying GEO Tech \$612.90

Acme Labs \$681.97

\$10,789.87

Transportation : 10% of \$10,789.87 \$1,079.00

TOTAL \$11,868.87

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.

H.A. Briden
Geologist

May 16th, 2005