Assessment Report

2008 Geochemical Sampling, Geophysics, and Diamond Drilling Assessment Report for the Cassiar Gold Property, Mc Dame Creek Area , Liard Mining District, Northern British Columbia.

HAWTHORNE GOLD CORP.

BC Geological Survey
Assessment Report
30623a

Location:	NTS Map Sheet 104P/4E BCGS Map Sheets 104P022 & 104P012
Coordinates:	Latitude 59° 14' 22" North & Longitude 129° 40' 4" West North 6566895 meters & East 461907 meters UTM Zone 09 NAD 83
Prepared For:	Hawthorne Gold Corporation Suite 1580, One Bentall Centre Vancouver, BC Canada V7X 1M5
Event Number:	4263359, 4263369, & 4263375 4263513, 4263516
Mine Permit No:	M-127
Dates of Work:	May 1 – October 31, 2008
Ownership of Claims:	Hawthorne Gold Corporation Cassiar Gold Corporation (a subsidiary)
Operators:	Hawthorne Gold Corporation
Prepared by:	Phu Van Bui, B.Sc., GIT, Project Geologist
Submitted:	March 6, 2009

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1.0 Introduction

On November 9, 2007, Hawthorne Gold Corporation and Cusac Gold Mines Ltd. ("Cusac") entered into a merger agreement whereby the two companies would continue to operate under the corporate entity of Hawthorne Gold Corporation ("Hawthorne"). Hawthorne became the owner and operator of Cusac's Table Mountain and Taurus properties and proceeded to form a private subsidiary company, Cassiar Gold Corporation, to retain assets acquired from Cusac. The entirety of this land package became known as the Cassiar Gold property. The merger was completed on April 15, 2008.

The Table Mountain project areas contain the historic Erickson Gold Mines mine-site located adjacent to the southern shores of McDame Lake, historic underground workings at the Main Mine area along Erickson Creek, historical portals used to mine and access the Vollaug vein on top of Table Mountain and east of the Main Mine, and the Cusac and Bain Portals approximately 8 kilometers south of the Main Mine. The Table Mountain project areas are known to host narrow quartz-veins with high-grade gold. Currently, the East Bain deposit hosts a minable indicated resource of 13,708 ounces gold at 0.62 ounce per ton gold in 22,157 tons. An additional inferred resource of 4,717 ounces gold at 3.70 ounce per ton gold in 1,276 tons is suggested[1]. No other mineral resource is currently defined on the Table Mountain project area.

The Taurus project areas is approximately 6 kilometers north of the Main Mine and contain the historic Taurus, Sable, and Plaza portals and underground workings. The project area also contains current exploration areas (such as 88 Hill, 88 Hill West, and HWY Zone). The Taurus project areas are known to host very narrow quartz-vein sets with moderate grade gold and low grade gold contained in sulphide within wall rock. Overall, the Taurus project area is perceived as a low grade bulk tonnage deposit with an inferred mineral resource of 1,040,886 ounces of gold at 1 gram per tonne in 32,386,000 tonnes[2].

The intent of the 2008 exploration year was to reassess the overall scope of the Cassiar Gold property and to familiarize the team with the geology, geochemistry, and exploration history of the area. The exploration season comprised of field reconnaissance, soil sampling, rock & chip sampling, surveying, airborne geophysics, geophysics ground truthing, and diamond drilling.

Field crews began mobilization to site May 1, 2008 and the exploration team completed demobilization from the field October 31, 2008. This report outlines work done within this period.

[1] Beakon Hill Consultants., Update of Technical Report on the Table Mountain Property for Hawthorne Gold Corp., June 1, 2008

[2] Wardrop Engineering Inc., Technical Report on the Taurus Deposit for Cusac Gold Mines Ltd., May 15, 2007

1.1 Location

The Cassiar Gold property is located in the Liard Mining Division, Northern British Columbia, NTS map sheet 104P. The exploration core storage facility and historical portals associated with the Taurus project area is located in BCGS map sheet 104P022-2. The mill and mine site belonging to the Table Mountain property area is located in BCGS map sheets 104P022-4. The mine site and staging areas mentioned are located at 59 degrees 14' 22" latitude and 129 degrees 40' 4" longitude or 6566895N, 461907E (UTM Zone 09 NAD 83).

Figure 1 shows the relative location of the Cassiar Gold property in BC. Geographically, the Cassiar Gold property is situated 141 km southwest of Watson Lake, Yukon Territory and 117 km north of Dease Lake along the Stewart Cassiar highway (highway 37). Access to the property is via Jade City, an unincorporated settlement along highway 37.

1.2 Physiography

The town of Cassiar was decommissioned in 1992 after the asbestos mine in Cassiar was forced to shut down in 1992. Power for the region has historically been provided by privately owned diesel generators. Proposals for a run-of-river hydroelectric project was put forth by local groups in the area in 2008 but no final decisions have been made.

Access into the project area is by highway. Chartered flight can be made into the Cassiar airstrip, located at coordinates 453738 E, 6571429 N, approximately 9 kilometers NW from Table Mountain. From the Stewart-Cassiar highway, access into the mine site is by compact gravel road. Beyond the mine site, the remainder of the property can be accessed by hauling roads and dirt trails. ATV's and all wheel-drive vehicles are required for access to remote areas.

The Cassiar Gold property extends from Long Lake in the north through to the Cottonwood and Dease River Valleys in the south. Major valley creeks within this region include Quartzrock Creek, McDame Creek valley and McDame Lake, Finlayson Creek, and the upper valley of Pooley Creek. Valley floors can be up to one kilometer wide with swampy areas separated by low hills with elevations between 900 and 1,000 metres. Valley slopes rise steeply to local peaks over 2,000 metres in elevation throughout the property. Although the surrounding mountainous areas are rugged, much of the area has rolling topography. The highest peak on the property is Black Fox Mountain at 2,143 metres. Erickson, Beaton and Finlayson creeks all flow into McDame Creek. Other prominent topographic features included on the property are Callison Lake, Needlepoint Mountain and Juniper Mountain.

Forest areas consist of jackpine, lodgepole pine, black spruce, and poplar. Average tree line is at 1,400 metres where buckbrush and alpine meadows are abundant. Valley bottoms comprise shallow lakes and swamps with thick, stunted growths of pine and spruce.

Daily mean temperatures recorded at Jade City range from –20°C in January to +15°C in July. Snowfall between October and May has an average total accumulation of 227 centimeters.

1.3 Property

211 mineral claims are located on the Cassiar Gold property, comprising both Table Mountain and Taurus project claims. The claim tenure numbers, names, expiry dates, and areas, are currently in good standing and are listed in Table 1. Figure 2 illustrates the Cassiar Gold property in more detail. Figures 3 and 4 illustrate the mineral claims immediately associated with the Taurus and Table Mountain project areas respectively.

Hawthorne controls the mineral rights to a total of 57,794.07 hectares (142,812.3 acres) within the Cassiar Gold property. The Table Mountain project area covers contiguous mineral claims of approximately 38,057.81 hectares. The Taurus project area covers contiguous mineral claims of approximately 19,736.26 hectares.

Figure 1. NTS Map Index of British Columbia.
Showing the location of the Cassiar Gold property (GIS by ESERI).

Table 1. Claims List.

Tenure ID	Tenure Name	Tenure Type	Good to Date	Owner	%	Project	Area (ha)
221632	SUN	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	200
221633	UP	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	125
226156	RED HILL NO.5	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
226157	RED HILL NO.6	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
226193	JENNIE EXTENSION #4	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
226194	JENNIE EXTENSION #1	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
226195	JENNIE EXTENSION #2	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
226196	JENNIE EXTENSION #3	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
387811	WILDCAT 2	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
392766	WILDCAT 1	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	25
394659	WING GOLD 1	Mineral	28/06/2013	Cassiar Gold Corp.	100	Taurus	25
394660	WING GOLD 2	Mineral	28/06/2013	Cassiar Gold Corp.	100	Taurus	25
394661	WING GOLD 3	Mineral	28/06/2013	Cassiar Gold Corp.	100	Taurus	25
510750		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	1009.488
510751		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	132.307
510766		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	744.168
510768	OLE' 1-9	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	148.809
511229		Mineral	30/06/2010	Cassiar Gold Corp.	100	Taurus	496.455
511346		Mineral	30/06/2010	Cassiar Gold Corp.	100	Taurus	430.592
511352	REDER 1-10	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	165.554
511359		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	777.5
511365		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	1407.703
511368	GRAB 1-2	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	33.099
511371		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	265.058
511380		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	1226.938
511385		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	1243.581
511387	TRACKER 1-20	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	364.825
511394	EASTER 1-25	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	414.343
514057		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	995.131
514088		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	912.74
514497		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	911.936
514508		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	149.144
514509		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	49.721
514937		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	446.963
514939		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	496.921
514943		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	381.104
514944		Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	579.687
514945		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	264.917
517020	NC3	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	16.54

517048	AUREX	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	33.084
517063	ARGOLD	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	33.099
517075	OLEW	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	16.536
517092	OLEE	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	99.218
517109	WATT	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	33.119
517124	AMP	Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	33.111
533464	JENNIE VEIN	Mineral	01/03/2010	Cassiar Gold Corp.	100	Table Mountain	99.416
581533		Mineral	01/03/2010	Cassiar Gold Corp.	100	Taurus	148.7214
590125	HUNTER SW	Mineral	18/08/2009	Cassiar Gold Corp.	100	Table Mountain	414.8071
221785	HANNA 9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	225
221900	PORTAL 2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	225
221901	PORTAL 1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	375
222080	MM 1 FR.	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226142	MACK #1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226143	MACK #2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226144	MACK #3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226145	MACK #4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226146	HOPEFULL #1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226147	HOPEFULL #2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226148	HOPEFULL #3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226149	HOPEFULL #4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226150	HILLSIDE	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226151	HIGHGRADE	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226207	THRUSH	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226208	COPCO #1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226209	COPCO #2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226210	COPCO #3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226211	COPCO #4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226212	COPCO #5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
226213	COPCO #6	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227201	ROY 1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227202	ROY 2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227203	ROY 3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227204	ROY 4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227536	TOD #7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227537	TOD #8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227694	ATLAS #1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227695	ATLAS #2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227696	ATLAS #3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227697	ATLAS #4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227698	ATLAS #5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25

227699	ATLAS #6	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227700	ATLAS #7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227701	ATLAS #8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227702	ATLAS #9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227703	ATLAS #10	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227704	ATLAS #11	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227705	ATLAS #12 FRACTIONAL	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
227708	DOR #1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
331105	MISS DAISY 1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
331106	MISS DAISY 2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
331167	BES 1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
331168	BES 2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	25
332630	TOR 2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	450
395270	FIREWEED	Mineral	11/09/2010	Hawthorne Gold Corp.	100	Taurus	25
501587	Darcy	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	99.186
558610		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	82.8598
559394	RAM AG - CU PROSPECT	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	66.2162
562964	BOZO 3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	115.7772
564560		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	115.7408
564713		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	132.7475
564714		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	199.0625
564715		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	199.0865
566738		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	248.2472
566801		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	49.6392
567733		Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	149.3488
567756	NOME	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	82.9891
570687	BOZO 4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	132.3011
571356	NOME	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	16.5983
571357	FOX CASSIAR	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	16.5611
571358	DALZIEL	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	16.5557
575558	BOZO	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	33.0783
575974	M2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	280.8386
575975	M1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	347.0967
575976	S1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	381.1148
575977	M4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	413.2031
575978	S2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	364.7736
575979	P1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	414.9095
575980	S3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1331
575981	M3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.9447
575982	S4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3142
575983	P2	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3112

575984	S5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1445
575985	P3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	331.9532
575986	S6	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.3952
575987	P4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.33
575988	M5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	413.0552
575989	S7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.3919
575990	S8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1376
575991	P5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1509
575992	M6	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	380.21
575993	S9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3148
575994	P7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1513
575995	S10	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1265
575996	P8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1569
575997	M7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	413.211
575998	S11	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	364.7493
575999	P8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1578
576000	S12	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	347.953
576001	P9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	381.9536
576002	M8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	396.9289
576003	S13	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.7345
576004	P10	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.5561
576005	S14	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	380.9776
576006	M9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	413.4206
576007	P11	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	365.0934
576008	S16	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.5405
576009	M10	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	413.6997
576010	P12	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.4546
576011	S17	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.9387
576012	P13	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.7449
576013	M11	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.6936
576014	S18	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1254
576015	S19	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3171
576016	M12	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.9409
576017	P15	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4111
576018	S20	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1413
576019	M13	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.3867
576020	S21	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.3957
576021	P13	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.5996
576022	S23	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1444
576023	M14	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.6943
576024	P15	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4084

576025	S24	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4068
576026	P16	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4074
576027	S25	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.1493
576028	P18	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4064
576029	S24	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.4012
576030	M15	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.6775
576031	P19	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.3999
576032	S26	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3215
576033	P20	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	415.3992
576034	M16	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.3624
576035	S16	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.7355
576036	S27	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1231
576037	S28	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.9294
576038	S29	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.7354
576039	S30	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.9324
576040	S31	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1264
576041	S32	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.3328
576042	S33	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.1383
576043	S34	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	398.5267
576195	HG1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.8007
576196	HG1	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	396.2679
576197	HG3	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	396.17
576198	HG4	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	247.4693
576199	HG5	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	379.5399
576200	HG6	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	330.0027
576201	HG7	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.8232
576202	HG8	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.8365
576203	HG9	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.8408
576204	HG10	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.7412
576205	HG11	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	396.0737
576207	HG12	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.6478
576208	HG12	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	396.0278
576209	HG13	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	412.4858
576210	HG14	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	362.976
576211	HG15	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	263.9588
576212	HG16	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	214.9255
576213	HG17	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Taurus	363.7353
576214	HG19	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	380.3467
576215	HG20	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	396.9659
576216	HG21	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.8747
576217	HG22	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	413.5795

576218	HG23	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.0821
576219	HG24	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	397.2898
576220	HG25	Mineral	01/03/2010	Hawthorne Gold Corp.	100	Table Mountain	215.1587
591724	HI1	Mineral	22/09/2009	Hawthorne Gold Corp.	100	Taurus	132.1196
591727	HI2	Mineral	22/09/2009	Hawthorne Gold Corp.	100	Taurus	247.7842
591728	HI3	Mineral	22/09/2009	Hawthorne Gold Corp.	100	Taurus	65.9959
599400	HG1	Mineral	15/02/2010	Hawthorne Gold Corp.	100	Taurus	346.9441
599401	HG2	Mineral	15/02/2010	Hawthorne Gold Corp.	100	Taurus	165.2309

1.4 Infrastructure

The Table Mountain Mine (Historically the Erickson Gold Mine) processing facilities are located at 461437 E and 6566708 N. Figure 5 illustrates the mine area where a 300 ton-per-day gravity-floatation mill, power plant, assay lab, service facilities, offices and core library currently exist in operating condition.

Three permitted tailings facilities are located in this vicinity. Tailings Facility #1 is located proximal to the mill and Tailings Facility #2 & Tailings Facility #3 are located proximal to the office building. There are 13 portals on the Table Mountain project area and 3 portals on the Taurus project area. Numerous old surface disturbances such as access roads, trenches, open pits, underground staging areas, and diamond drill sites occur throughout the property. Some have been reclaimed naturally and some have been reclaimed through removal of debris, re-contouring and seeding.

1.5 Exploration History

(The exploration history below is focused on the Table Mountain project area. The details are research from a variety of assessment reports listed with the Geological Survey of British Columbia, government publications, and from archival sources inherited from Cusac Gold Mines Ltd. It should be noted that the resources and reserves utilized, and production numbers reported within this section are historical.)

1874. Placer gold was first discovered in the McDame area. Placer production in the district became the primary focus with little attention given to lode gold deposits until 1933.

1934. The first gold-bearing quartz veins found in the region was discovered in Quartzrock & Troutline Creeks (now part of the Taurus project area). As a result, the first mineral claims were staked.

1935. The Vollaug vein was discovered by John Vollaug and his partner Hans Erickson. Vollaug and Erickson also staked claims covering the original exposure of the Jennie vein in what is now known as the Main Mine area.

1937. Cominco completed a prospecting, trenching, and drilling program on the Vollaug vein structure. A small mill was brought to the Jennie vein location and a short crosscut was driven to the vein. No significant values were encountered and work was terminated. These early workers stopped only a few rounds short of a high-grade shoot on the Jennie vein.

1938. The McDame Lake Mining Company produced a small scale mining operation on the Jennie vein. Approximately 130 tons of ore was mined, 114 ounces of gold and 20 ounces of silver were recovered.

1942 to 1946. A prospector named Pete Hamlin exposed auriferous quartz veins in trenches in what is known as the “Pete Area” in Pooley Pass.

1950. Silver Standard Mines Limited acquired and explored the western portion of the Vollaug vein. Pete Hamlin introduced the Brett brothers to the Table Mountain and Pooley Pass areas in the late 50s. The Brett’s staked several claim blocks in the area during this period.

1951. G. Davis operated a 5-ton mill on the Nora claims, south of McDame Lake. 35 ounces of gold and 3 ounces of silver were produced from 25 tons of quartz ore.

1961. Troutline Creek Mining Ltd. (Troutline) produced on the eastern portions of the Vollaug vein. Approximately 80 tons of ore were reported to have been treated in a pilot mill with a recovery of slightly below 1 ounce per ton.

1965. Glen Copper Mines Ltd. was formed by the Bretts. Glen Copper Mines evolved into Cusac Industries Ltd., to later become Cusac Gold Mines Ltd. in 1995. Troutline Creek Mining conducted approximately 2000 ft of diamond drilling on the Vollaug vein (not well documented).

1973. Table Mountain Mines opened an adit and drove a decline on an ore shoot on the west end of the Vollaug vein based on results from the 1937 Cominco drilling and the Silver Standard work from the 1950s. Agnes & Jennie Mining Company (AJM) acquire Figure 1 and Figure 2 claims containing the Jennie vein. One percussion drill hole was drilled into the Jennie structure.

1974. AJM trenched and sampled the original high grade outcrop of the Jennie vein exposed on Erickson Creek.

Asamera Oil Corporation Ltd. of Calgary and Silver Standard Mines drove 1726 ft (526.08 meters) drift equivalent of 8 x 8 ft adit, drift and raise from the 57 Portal, collared at 5173 ft (1576 meters) elevation on the Hurricane 1 & 2 crown grants.

In addition to the 57 Portal, a 4 x 6 ft decline was driven on the “A” ore shoot in July, in a northeasterly direction from the 5480 ft (1670.30 meters) elevation. The decline was at -27 degrees , a total distance of 248 ft (75.59 meters), and average grade of 1.07 oz/t Au across true width of 2.2 ft (0.67 meters). Grade increased with depth. The bottom of the decline averaged 1.29 ounce per ton gold across 2.2 ft (0.67 meters).

1975. AJM drilled one percussion hole of 140 feet (42.7 meters) west of Erickson Creek. The percussion hole assayed 0.08 ounce per ton between 130.0 to 140.0 feet.

1976. Nu-Energy Development Corp. (Nu-Energy) optioned Figure 1 and Figure 02 claims from AJM. Nu-Energy became 50% partner in the exploration of the Jennie vein. Nu-Energy drilled 18 winkle holes (76-1 to 76-18) for total of 397.8 meters and defined a high-grade ore shoot within the Jennie structure.

1977. Nu-Energy conducted a geophysical program of VLF EM16 & MAG, totaling 28.7 line kilometers at 30 meter stations and 60 meter line spacing.

Table Mountain Mines followed up on the Vollaug adit and decline with an adit extension and two raises. This proved up an ore shoot within the Vollaug structure but mining of the ore did not take place. In the same year, Guilford Brett of Cusac Industries Ltd. staked key claims in the area south of Table Mountain.

Nu-Energy and AJM developed a cross-cut adit, collared 235 meters N and 30 degrees W of the Jennie Vein outcrop in Erickson Creek and 61 meters lower in elevation (Level 35, at 1350 meters RL). The adit cut the Jennie Vein at 191 meters and was continued to 227 meters (that is, 36 meters of drifting along the lower section of the ore shoot). 27 underground holes were drilled during February to April in 1977. Drifting to the west along the Jennie vein started in December 1977 through to January 1978. Estimated production was 100-150 tons per day.

1978. Erickson Gold Mining Corporation (EGM) was formed from AJM and Nu-Energy. Underground workings had help establish a probable reserve in excess of 13,000 oz. of gold. A $1.5 million loan was arranged with the Royal Bank of Canada in Septermber 1978 and construction was immediately started on a 125 ton per day gravity-float mill. Milling commenced on December 22, 1978 with the initial bank loan paid within ten months of production. The Jennie vein eventually produced more than 62,000 oz Au from 113,000 tons of ore.

1979. Cusac Industries Ltd. conducted a program of mapping, geochemistry, geophysics, and drilling on the Pete claim. Cusac built a road into the Pete area and three holes were drilled in 1980. No significant intersections were reported. EGM drilled 15 BQ diamond holes total 1450.19 meters into the Jennie vein. All but 4 intersected, indicating westerly rake and continuity.

1980. Plaza Mining Corporation acquired claims from Troutline along the strike extension of the Vollaug vein to the east of the Table Mountain Mine property. Plaza erected a 150-ton per day mill and produced from two small open pits on the Vollaug.

Esso Resources Canada Ltd. (Esso) entered into an option agreement with EGM, Newcoast Siver Mines (Newcoast) and Table Mountain Mines, to explore portions of the McDame valley. Esso conducted 35 square kilometers of mapping at 1:12,000 scale, 27 line kilometers of EM-16 ground geophysics survey, 404 organic samples, 444 soil samples of B horizon, 1 heavy mineral sample, and 27 line kilometers of line cutting and picketing.

1981. EGM's exploration work in the Main Mine between 1981 and 1982 defined a second significant gold-bearing structure, the Maura vein. Both the Jennie and Maura veins were developed down dip by a second adit at the 1280-meter elevation (the 28 Level). A third adit was driven at an elevation of 1210 metres (the 21 Level) to develop the Maura structure at greater depth. The Devine, Bear, Goldie, and Dease veins were discovered during this development.

Plaza conducted 12544 ft (3823.42 meters) of drilling on Zone III reserves and explored for the previously untested portions of the Vollaug vein between the three known mineralized zones on the Wildcat claims.

Esso conducted a total of 3680 soil samples, 51 mull samples, 76 rock chip samples, 4.8 line kilometers of EM geophysics, 5.9 square kilometers of mapping, and 68.27 line kilometers of line cutting (10 meter intervals for the Porcupine, Davis and Lakeview Goldhill). Property work was divided into four sections; orientation program, 1979 follow-up, Main Grid and Sky Grid. Two diamond drill holes totaling 204.3 meters of BQ was drilled into the Sky vein.

1982. Surface drilling by EGM resulted in the discovery of the Alison vein in the Main Mine, located in the footwall of the Maura and Jennie zones. To the south of Table Mountain, Cusac Industries discovered the high-grade Dino vein. Development of a crosscut, 300 feet of drift on the Hot vein and a raise to surface were completed but low grades discouraged further work.

1983. Esso collected 124 soil and 32 rock samples (20 meter stations) with trench/saw sampling at Switchback, 1.3 square kilometers of mapping, 1.56 line kilometers of picketing and 2 line kilometers of line cutting. A total of 934.4 meters of diamond drilling, four into Davis-Porcupine totaling 592.5 meters of BQ and seven into Sky Vein totaling 341.9 meters of BQ.

Plaza Mining Corporation went into receivership. Erickson acquired the Plaza assets along the remaining strike length of the Vollaug vein on Table Mountain. Erickson started the 42 level adit (Troutline Adit) at 1420-meter elevation, approximately 3 km east of the Main Mine workings to develop some of the reserves on the Vollaug structure. In the same year, Erickson initiated work on a new adit below the Main Mine workings known as the 14 Level at 1140-meter elevation.

1984. The original mill capacity at the Erickson Mine was expanded to 300 tons per day.

1984, Cusac entered into option agreement with Erickson, whereby Erickson became operator of the Cusac claims south of Table Mountain. Over the years, further mineral rights were obtained on adjacent ground by staking, purchase, and under option agreements.

1985. Erickson discovered the Eileen vein south of the Dino vein in Cusac's Cordoba claim. Drilling resulted in the definition of an economic ore body, which was developed via the Cusac Mine decline. Total Compagnie Francaise des Petroles, a French government-affiliated energy company, acquired operating control of Erickson Gold Mining Co. in the same year and formed Total Energold.

1986. Total Energold proceeded with ore production from the Eileen vein. Underground mapping and drilling resulted in the discovery of the Michelle vein. The mill at Erickson Mine was destroyed in a fire in January of 1986. A new mill was built. The mine was brought back into production in October of that year.

1987. Prospecting was conducted west of the Eileen vein and the Katherine vein was discovered on the Nu-Tara claim. Subsequent percussion and diamond-drilling programs were carried out to define the resource at the Katherine vein. Late in the year, an underground diamond drill program, testing east of the Eileen workings, discovered the Michelle High Grade zone (MHG). Attempts to further define the MHG from surface were ineffective. Definition drilling from underground was limited to available drill station locations. Further development was halted by heavy water flows. A preliminary estimate of the potential of this zone indicated 24,337 tons at a grade of 1.019 ounce per ton Au. These results encouraged Total Energold to embark on an ambitious exploration and development program of the 10-Level portal.

1988. A 2.5 km adit (the 10 Level) was collared in the fall of 1988 to investigate the MHG. At this point, reserves were depleted and production from the Cusac Mine and the Main Mine had ceased. Some production continued from the Vollaug through the end of the year.

1989. Total Energold completed 1.7 km of drift from the 10 Level adit. Work was terminated due to unexpectedly high costs and heavy ground water flows. This resulted in an integrated exploration program of trenching, mapping, geophysics, and diamond drilling in the Cusac area to explore for new resources. The Bain vein was discovered and a small mineral inventory was defined.

1990. Additional geophysics, geochemistry and diamond drilling conducted in 1990 and 1991 resulted in the definition of two significant reserve blocks on the Bain vein. West Bain a drill-indicated probable reserves of 34,741 tons at 0.687 ounce per ton Au. The East Bain contained a drill-indicated probable reserves of 22,120 tons at 0.565 ounce per ton Au. Surface exploration resulted in the discovery of the Christine vein and a mineralized zone on the Theresa vein in the Hunter area, 8 kilometers east of the Cusac Portal.

1991. Total Energold divest all North American mineral assets to focus on oil and gas interests. Erickson Gold assets and operations were assigned to Energold Minerals Inc. and were subsequently purchased outright by Cusac Industries Ltd., free and clear of any royalties to Energold in 1992.

1993. Cusac reopened the Bain mine and a 300 ton per day milling operation at Table Mountain with production from the West Bain structure. Definition drilling conducted on the West Bain zone confirmed reserve estimates. A limited surface exploration program resulted in the discovery of the Bonanza zone west of the West Bain. This zone is structurally complex and no resource has hence been defined. Cusac proceeded to initiate development of the West Bain zone. During this period the old Cusac Portal workings were reopened and examined. Remarkably, no water was encountered in the workings. The development of the 10 level had lowered the water table and drained the water that had prevented the former owners from developing the MHG.

1994. Development of the West Bain vein commenced in April.

1995 Underground mining of the West Bain was completed in July of 1995, with the crown pillar extraction occurring in August. Surface diamond drilling of the Katherine vein to the west of the Bain resulted in the definition of a small open-pit reserve. This block was subsequently mined. The Bain Gap, between the East and West Bain blocks, was tested with inconclusive results. At the Cusac decline, the Michelle High-grade vein (MHG) and the Big vein were defined and mined.

An I.P. survey, designed to test for zones similar to that being investigated at Taurus was undertaken to the north of McDame Creek. Cusac entered into a joint venture agreement with Cyprus Canada Inc. (Cyprus), whereby Cypress would become operators of Cusac's Taurus project. At the time, the Cusac's Taurus project encompassed a 40 square km group of claims in the northern portion of the property straddling the boundaries of claims held by International Taurus Resources Inc. (Taurus) and Cusac.

1996. After spending approximately $3 million, Cyprus elected to withdraw from the Taurus project. Subsequent to Cyprus' withdrawal, Cusac entered into an option agreement with Taurus regarding the same group of claims. As a result of exploration completed by Cyprus and Taurus on the Taurus/Cusac project, Taurus geologists estimated drill-indicated and drill-inferred resources of approximately 1 million ounces of gold at a grade of 1 gram per tonne gold. The bulk of mineralization on Cusac's

portion of the project is in the inferred category. This low-grade, near surface, potentially bulk mineable resource is associated with shear zones and disseminated sulphide mineralization.

South at Table Mountain, the 10 Level development, dormant since late 1989, was restarted and was extended by 250 meters. Underground drilling at the Cusac Mine discovered the Lily vein, the eastern extension of the MHG. Mining of the Lily from the 1160 meters Level commenced in March 1996. The Lily was eventually mined between the 1130 and 1170 levels over a strike length of 150 meters. Underground drill testing of the ground north of the Lily resulted in the discovery of the Melissa structure. Access was driven but fault disruption of the structure rendered the vein sub-economic. A compilation of Vollaug data undertaken to re-evaluate existing reserves and drilling of selected targets. Rehabilitation of the 57 (1570) Level portal and decline was undertaken and mining began in October of 1996.

1997. Mining from the 57 Portal was completed in February of 1997 and work commenced on rehabilitation of the 49 Level drift and production commenced in April 1997. Dilution, due to poor hanging wall conditions, and erratic grade distribution combined to result in lower than anticipated recovered grades. Lowered grade and low gold prices combined to make the zone sub-economic. The mining was halted in July 1997. Open-pit mining of an ore panel on the Vollaug vein in the Table Mountain Mine area was completed between July and September, 1997.

The Cusac decline was extended east between May and July of 1997 to allow drill testing of the Lily vein further to the east. This drilling yielded mineralized quartz vein with significant result of 1.038 ounce per ton gold over 0.5 metres (included in a weighted composite of 0.636 ounce per ton gold over 1.56 metres).

An exploration drill program was undertaken to test the area east of the Erickson Creek Fault Zone (ECFZ) near the Main Mine. Initial attempts to follow up isolated intersections from previous drilling met with mixed results. Drilling the Bear vein extension, east of the Main Mine, resulted in the partial definition of a near surface ore shoot.

At the Cusac Portal, portions of the Melissa and narrow vein sections of the Lily on the 1600 level were mined during September through November 1997.

1998. An overburden trenching and vein sampling program was conducted on the Sun Claim. The objectives were to expose the Bear Vein, intersected and partially defined by diamond drilling in 1997, and to evaluate the lateral distribution and continuity of gold grades within the structure. A portion composed of 36 meters of strike length, exposed vein material which yielded a cut composite grade of 1.155 ounce per ton gold over an average vein width of 0.57 meters. Widely spaced diamond drill hole intersections suggested that this grade might carry 15 meters down-dip locally. The decision was made to extract and process a portion of the vein from surface to 6-7 meters down dip employing an air-track and 235 Excavator. Mining of this portion of the Bear Vein took place in late 1998 and 1999.

2002. A surface diamond drill program was undertaken to confirm and possibly expand an ore panel on the East Bain Vein that was initially intersected and partially defined by diamond drilling in 1990-91. A total of 2,395 metres of drilling was completed in eleven NQ surface diamond drill holes. A technical report in 2003 by Dale A. Sketchley, M.Sc., P.Geo. reported a combined inferred/indicated uncut, undiluted mineral resource of 23,433 Tons of 1.0 ounce per ton gold for the East Bain Vein.

2004. Discovery of the Rory vein while delineating the down dip extension of the Maura vein 400 meters down dip. The discovery hole was cut short and 36 more holes were then drilled into the Rory to define geometry. A total of 37 NQ drill holes (5522.7 meters) into the Rory Vein, 4 NQ drill holes (955.3 meters) into the Hot Vein, all totaling 41 diamond drill holes at 6478 meters combined. A probable reserve of 16000 tons grading 0.46 ounces per ton, containing 7360 ounces of gold was established for the Rory vein.

2005. Exploration commenced on Taurus II, the area between Table Mountain and Taurus. Six drill holes (1140.1 meters) into Backyard, eleven holes (2137.7meters) into Somerville, and one hole (181.4 meters) into Porcupine East. Soil geochemistry was collected on eight 150 meter lines at 50 meter spacing, 12.5 meter stations, with 90 samples taken in total.

2006. Continued exploration on Taurus II. A soil geochemical survey was completed over 8.5 square kilometers. 20 gold anomalous areas and an additional 30 spot highs were identified. A Lidar survey was flown over 139 square kilometers of the property. An ortho-photo mosaic was developed for a 34 square kilometer portion of the survey area. Eight (8) excavator trenches with a combined length of 530 meters (0.2 hectares) were completed. A total of twenty-one (21) NQ diamond drill holes with a combined depth of 3,280 meters were drilled in the Taurus II Project Area. Twelve holes (1885.5 meters) were drilled to test the western extension of the ORO structure exposed in the Trench 3 Area under the Van Argillite Cap. Five holes (586.1 meters) were drilled to test the Blue Zone exposed in the Trench 5 area. An additional four holes (808.8 meters) were drilled to test isolated targets in the Reo, TR-6E, and Hwy areas.

2007. Cusac drilled Taurus at the 88-Hill Zone. The intent was to increase the confidence level of the inferred resource and to increase the geological understanding of gold distribution throughout the area. 6 drill holes, totaling 953.12 meters of HQ core was drilled at 25 meter spacing on the Mac #3 and Hopeful #2 claims.

1.6 Geological Setting

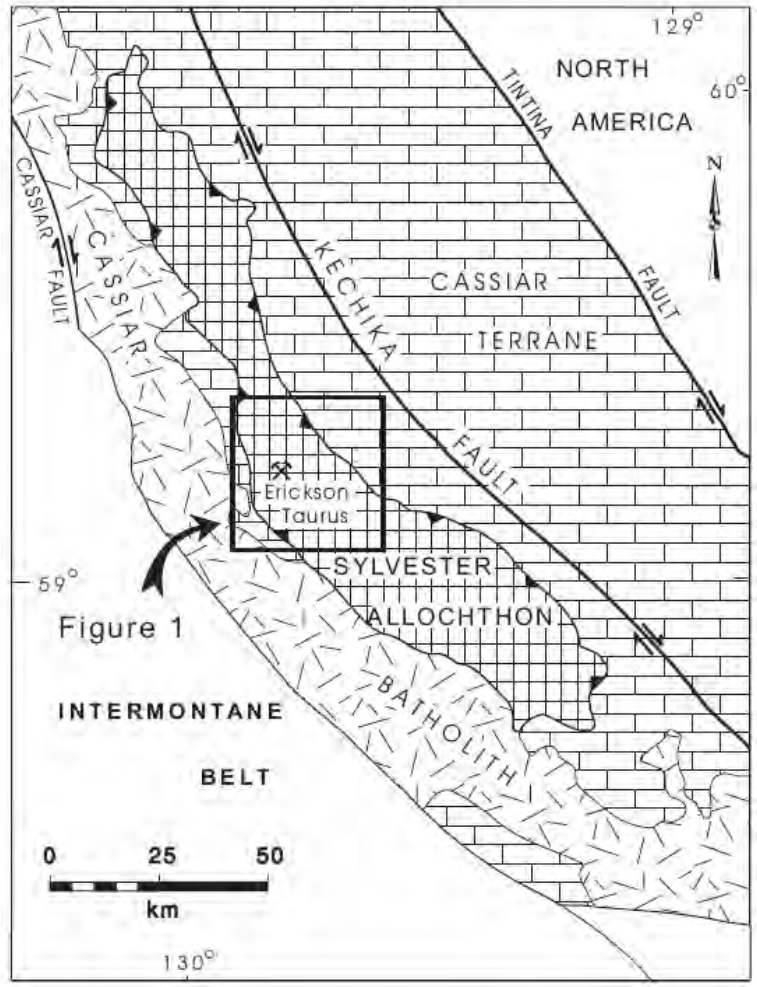


Figure 6. Location and tectonic setting of the Cassiar Gold property. From BCGS Bulletin 108: Ophiolite Related Gold Quartz Veins in the North American Cordillera, Northern Slide Mountain Terrane Cassiar Gold Camp, Chapter 7, page 73-79.

The Cassiar Gold Camp is situated in the Sylvester Allochthon of the Slide Mountain Terrane, which was emplaced sometime between the Late Triassic and Mid-Cretaceous onto autochthonous rocks of the Cassiar Terrane. The internal structure of the Sylvester Allochthon is characterized by many interleaved tectonic slices, bounded by subhorizontal, layer-parallel faults induced by Jurassic compressional tectonics.

Thrusting along easterly-directed thrusts occurred over regional-scale folding, resulting in the creation of three stacked, structural-lithological packages. The lowermost thrust sheet of the package is composed of sub-greenschist facies meta-andesites and cherts. The middle thrust sheet is composed of graphitic argillite with minor interbedded siltstones and sandstones. The uppermost thrust sheet consists of pyroxene porphyritic altered volcanic rocks with minor intercalated metasediments. These rocks range in age from Late Devonian to Late Triassic. Cretaceous and Tertiary lamprophyre and diabase dikes intrude locally.

The Sylvester Allochthon occupies the flat-bottomed McDame synclinorium. The synclinal geometry resulted from the formation of anticlinal stacks on either side during compression. Emplacement of the Cassiar batholith uplifted the pile, contributing to the consistent northeastward dip along its western margin.

Gold mineralization occurs in quartz vein systems within the lowermost thrust sheet proximal to the Table Mountain thrust. Auriferous polyphase quartz veining is present where impermeable structural discontinuity is believed to have localized hydrothermal fluid flow. Ore grade veins are concentrated along north-south trending zones of faulting, where hydrothermal centres are expressed by clusters of alteration zones, veins, and faults. Dating of sericite, associated with auriferous quartz veining, indicates

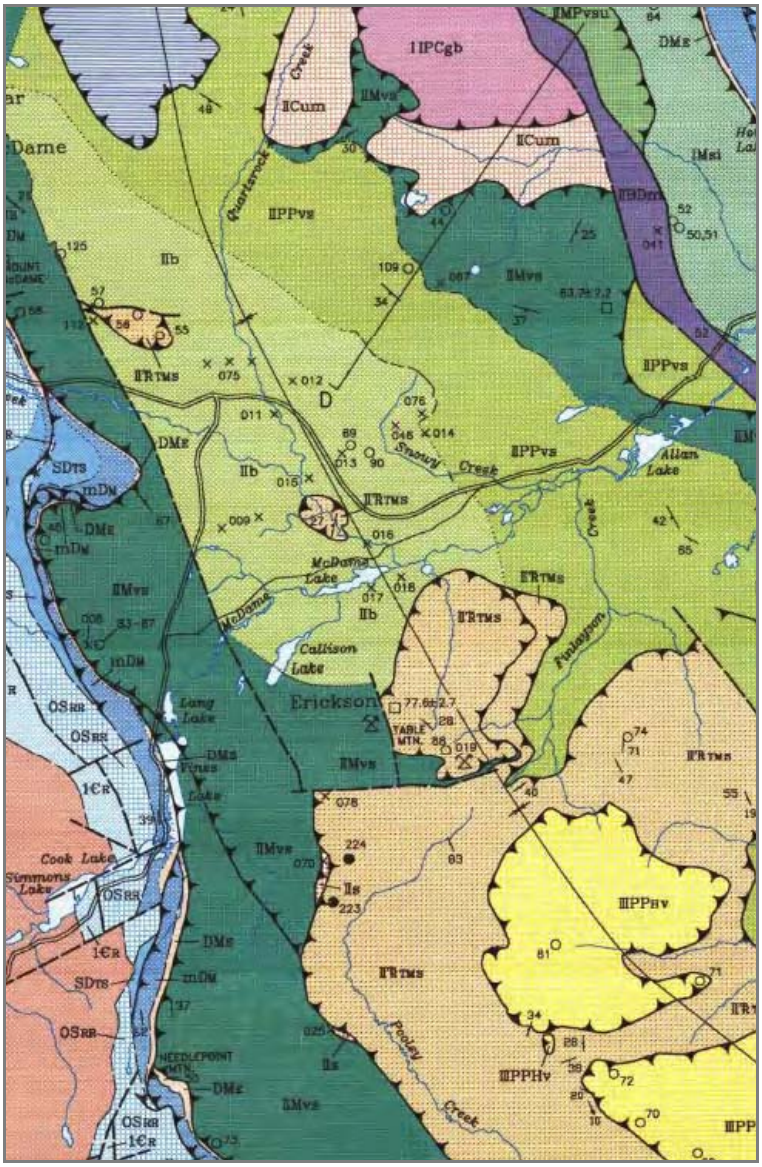


Figure 7. Regional Geology. J.L. Nelson and J.A. Bradford, 1993. BCGS Bulletin 83: Geology of the Midway - Cassiar Area, Northern British Columbia. Legend: **Kgr** Cretaceous Granite; **IIs** Unknown Age Serpentinite; **$IIIPP_{HV}$** Penssylvanian to Permian Hunter Volcanics; **$IITR_{TMS}$** Triassic Table Mountain Sediments; **IIb** Unknown Age Massiveand pillowed basalt flows, lesser tuff; $IIPP_{VS}$ Pennsylvanian to Permian Basalt flows and tuffs; and **IIM_{VS}** Mississippian Basalt, diabase, chert, argillite, calcarenite, sandstone and conglomerate.

an Early Cretaceous age. This postdates emplacement of the Sylvester Allochthon and pre-dates the Middle to Late Cretaceous emplacement of the Cassiar Batholith.

Regionally, it is believed that hydrothermal fluid flow may be attributed to hidden intrusives, and that fluid flow was localized by early transcurrent faults and associated transtensional zones. In contrast, it is debated that the regional geology exhibits similarities to Archean Lode Gold districts, where mesothermal processes are the driving factors to gold mineralization.

The Table Mountain and Taurus project areas are two current productive centres in the Cassiar Gold property. Both lie along a major north- northwest trending, right lateral fault system, known as the Erickson Creek Fault Zone (ECFZ). Discontinuous thrust slices of ultramafic rocks containing listwanite (generally interpreted to be metasomatized serpentinites) is believed to play a key role in quartz vein formation and gold deposition at Table Mountain. Historically, the richest gold veins were found in basalt immediately below a barren argillite cap that crops out extensively in the southern portion of the camp (Table Mountain) and locally forms thin klippen to the north (Taurus).

Veins average 1-2 meters in width with high grade veins averaging approximately 0.50 ounces per ton.

The East Bain deposit is a current example of these small high grade vein systems. It contains a NI43-101 compliant indicated resource of 13,708 ounces of gold (22,157 tons at 0.62 ounce per ton gold). The Cassiar Gold property also contains low grade bulk tonnage potential, particularly to the north where a NI43-101 compliant inferred resource of 1.04 million ounces of gold (32.4 million tonnes at an average gold grade of 1.0 gram per tonne) exists as part of the Taurus project.

2.0 Soil Sampling Program - Pete Prospect

Scope of Work:

Soil sampling was conducted between July 26 and August 5, 2008 by a crew of eight field workers in the Pete prospect at the southern end of the Table Mountain project area. The objective was to resample over a smaller existing grid that showed anomalous values. The 2008 Pete grid tied into a historical sampling grid at 460 995.59 E and 6,558,035.81 N (NAD 83 Zone 09), with a baseline azimuth of 315 degrees to grid north. From the origin, the grid extends 1500 meters north and 1500 meters south. Sampling lines are orthogonal to the base line, separated at 100 meter spacing, with individual line lengths of 1000 meters. Stations originated at the base line and ran east-west at 50 meter intervals. The grid covered lowland swamp to the east and densely forested hill slopes to the west. The grid covers the contract between the large bodies of ultramafic to the east and lower mafic to intermediate volcanic assemblages to the west. See Figure 8.

A total of 606 soil samples were collected over 12 days, averaging 50 samples per day. Sample weights averaged 250 grams, collected in the B horizon or one foot from surface, and collected using manual stainless steel augers. Augers were cleaned between samples to minimize contamination. Samples were stored in brown paper Kraft bags and dried. Samples were submitted to International Plasma Labs in Richmond, BC for analysis.

Results:

Fire assays results suggests samples taken to the east and in swampy areas may not be representative samples. The detection limit of the laboratory analysis is 35 parts per billion (ppb) gold. This value is equal to the mode and median of the population of values. The arithmetic mean is 40.9 ppb, the IQR is zero, and 89 percent of the gold values are equal to detection limits, resulting in 54 out of 606 samples reporting above detection limits. These statistical values indicate that the population contains very low variability. Too many values are equal or below detection limit for any trends or normalized distribution to occur. As a result, we see samples in proximity to outcrops exhibiting better gold assay values. The highest value is 330 ppb gold. Assays are included in Appendix A1.

Analysis:

Figure 9 is the graph of calculated Pearson Correlation Coefficient values. Below detection limit values for gold were removed from the population, leaving 54 samples with 30-element ICP data for calculation and comparison. Silver (*Ag)*, Bismuth (*Bi)*, and Thallium (*Tl)* were below detection limit and so showed no correlation. Palladium (*Pd)*, platinum (*Pt)*, sulfur (*S)*, and uranium (*U)* values were not received for ICP analysis and so were excluded from this dataset. These elements are not shown in Figure 9. Arsenic (*As)* is the only element with an ***r*** value greater than 0.5, indicating it is the closest element to correlating with gold values. The remainder of the elements that are in the positive quadrants of the graph show weak to moderate correlation with gold (i.e. zirconium (*Zr)*, cobalt (*Co)*, tin (*Sb)* and tungsten (*W)*). ***r*** values that plot in the negative quadrants of the chart indicate an poor correlation with gold. Generally speaking, ***r*** values of zero mean no correlation.

Figure 10 shows the correlation between copper (*Cu)*, lead (*Pb)*, zinc (*Zn)*, iron (*Fe)*, arsenic (*As)*, zircon (*Zr)*, cobalt (*Co)*, and antimony (*Sb)* with gold respectively. Visually, the correlation between gold and the base metal elements are weak with the exception of iron (*Fe)*. However, arsenic (*As)*, zirconium (*Zr)*

and cobalt (*Co)* show strong linear trends with increasing gold values. Based on this dataset alone (hence biased) it is suggested that in the Pete area, locations with soil grids showing coincident high values of arsenic (*As)*, zirconium (*Zr)* and cobalt (*Co)* can be better targeted as anomalies, even though historically, *Cu*, *Pb*, *Zn* and *Fe* are better indicators in other datasets and in other regions of the property.

Through field observations, correlation is observed between high gold values and geomagnetic signatures in the central-western to south-western margins of the grid where the grid is in close proximity to tree line and where outcrops of mafic volcanic are more abundant. In addition, correlation between the seven most northerly grid lines and high gold values is observed over an area with ultramafic outcrops.

Although trends are difficult to pick out given the high number of low gold values and poor correlation between samples, two distinct north-south trending anomaly lines are expressed in the northern area of the grid. In the southern area of the grid, three anomalies are expressed in various orientations.

Figure 9 – Values of Pearson Correlation Coefficients for multi-element values as compared with gold.

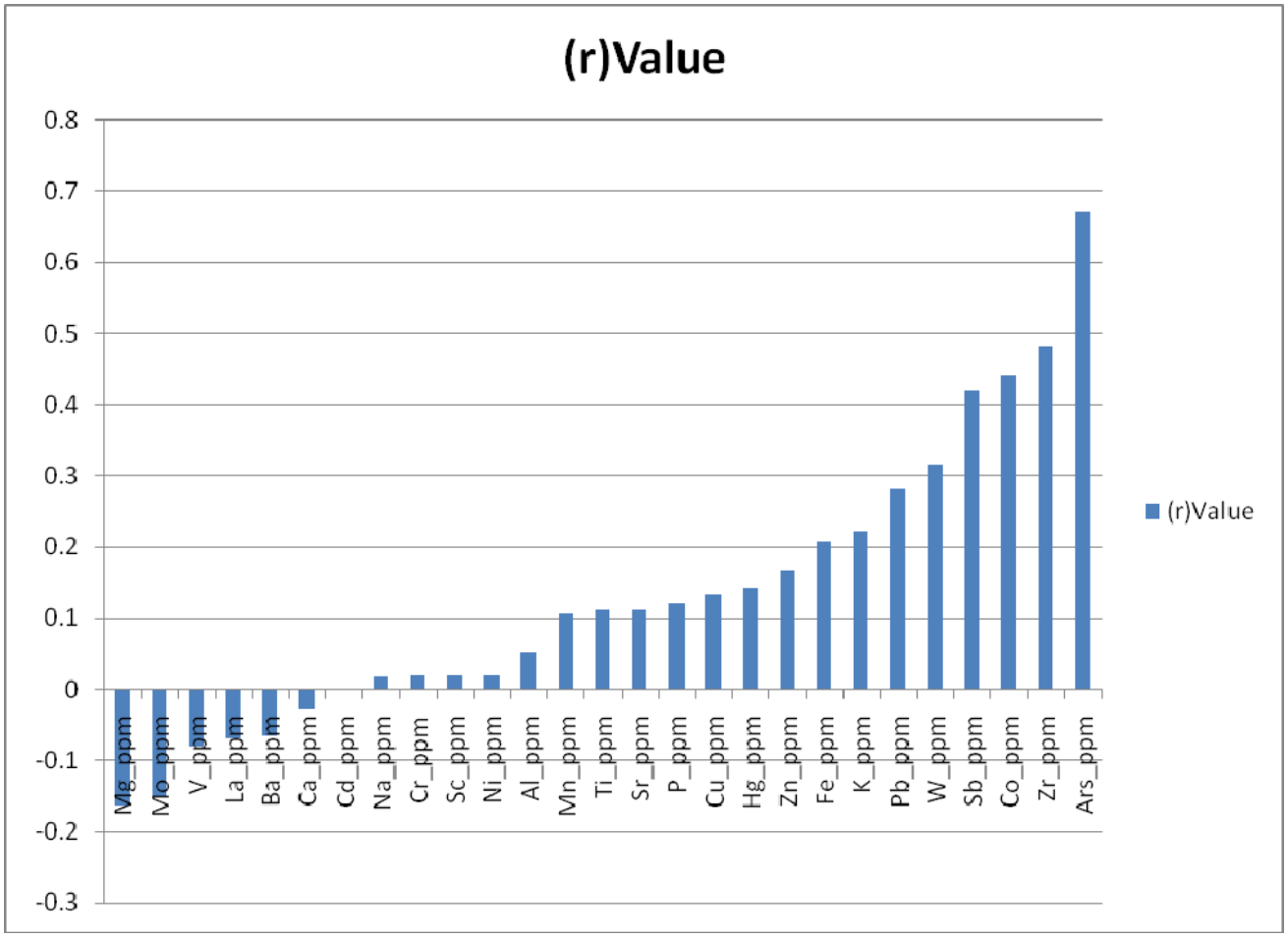
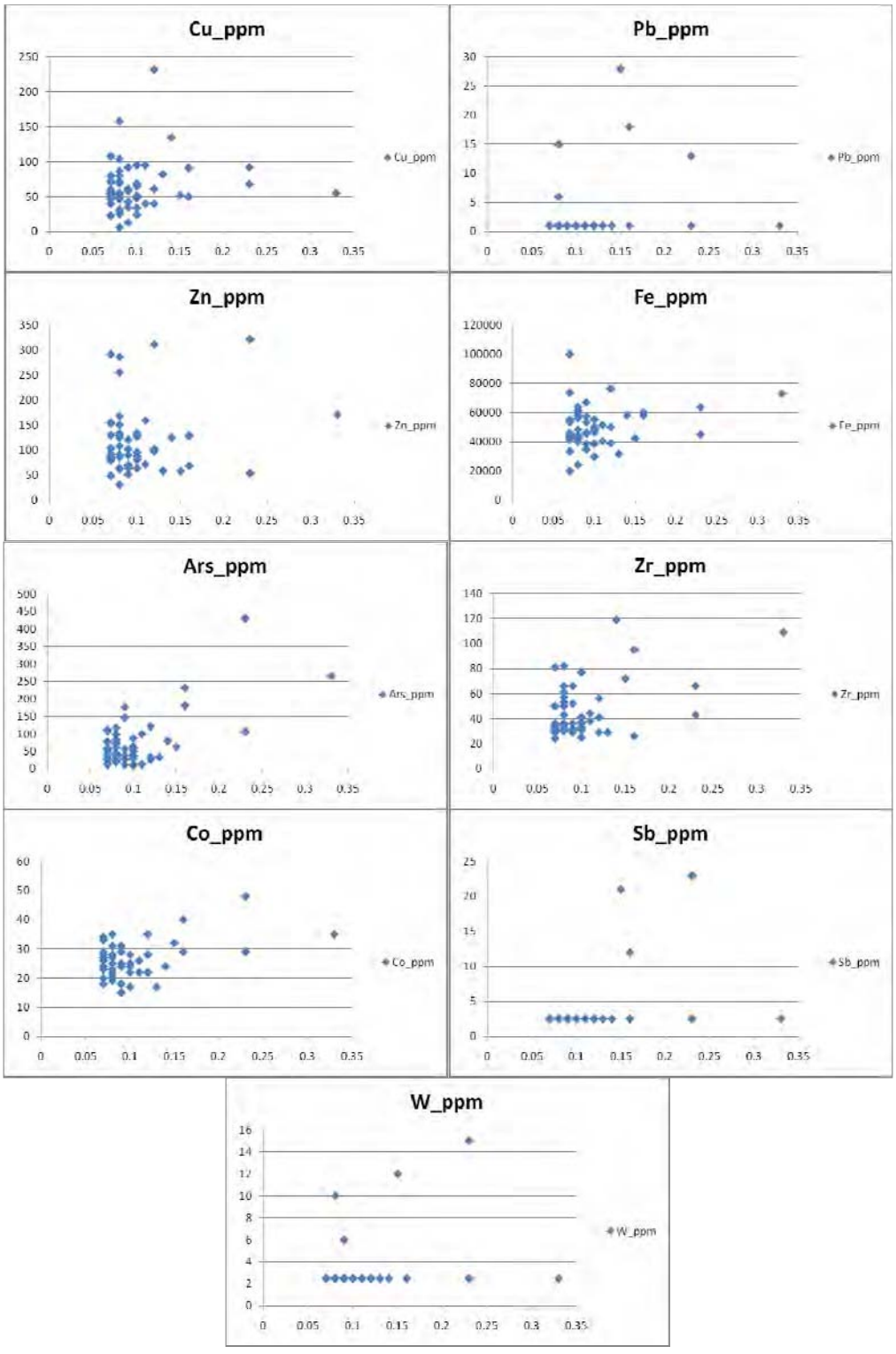


Figure 10 – Pearson Correlation plots for *Cu, Pb, Zn, Fe, As, Zr, Co,* and *Sb* with *gold* respectively (parts per million, ppm).



3.0 Rock Sampling Program

Scope of Work

Rock sampling and chip sampling occurred intermittently throughout the summer as crews conducted field reconnaissance of the property. Four geologists and four field assistance worked in pairs to collect the data between June 1 and July 25, 2008. Individual rock samples were taken at outcrop visits, taken at unknown or of unverified vein occurrences, and taken during ground truthing of preliminary airborne geophysical data. A total of 365 samples were collected and submitted for analysis by fire assay and 30-element ICP through International Plasma Labs. Among these samples, 12 rock samples underwent whole rock analysis in addition to fire assay and ICP. Chip samples from vein outcrop were taken at 1 meter intervals across the vein. Rock samples were taken at a specific coordinate, but at a random location in the outcrop area.

Results

Assay results can be found in Appendix A1. Figures 11 through 15 show chip sample location and assay values for the Porcupine/Davis veins, Lakeview vein, Smile/Goldhill veins, Switchback vein, and East-West vein respectively. Figure 16 show rock samples taken over the Table Mountain project area.

Table 2.

Vein/Prospect	Samples Taken	Highest Sample	Value(g/t)
Cominco	1	5000005	0.09
Cusac Area	1	5000003	128.56
Davis	16	5000014	4.14
East West	58	5000001	22.9
Fred	1	5000004	0.056
GAP	1	n/a	n/a
Goldhill	16	5000229	0.27
Hunter	6	5006018	0.34
Hunter Area	1	n/a	n/a
Jade	1	n/a	n/a
Jenny's Revenge/Erin	4	5000304	558.3
Kathine	4	5006009	3.43
Lakeview	7	5000011	1.95
Main Mine West	16	5000515	4.54
McDame Creek	2	n/a	n/a
Pete	6	n/a	n/a
Porcupine	7	5000028	1.72
Sky	4	n/a	n/a
Smile	27	5000216	3.76
Switchback	169	5007261	1.73
Switchback Area	1	5000517	0.07
Theresa	3	5006019	1.07
Unknown vein	11	n/a	n/a
Vollaug	2	n/a	n/a
Total	365		

4.0 Surveying Program

A short surveying program was conducted by McElhanney Consulting Services Ltd. ("McElhanney") between July 14 to July 25, 2008. The intent of the program was to resurvey all historical mine portal locations in the Table Mountain and Taurus project areas, install new monuments to establish new controls, and to locate and survey all existing drill holes known to Hawthorne. The results of this survey are included in Appendix B.

5.0 Airborne Geophysics Program

The Airborne Geophysics program was conducted by Canadian Mining Geophysics (CMG). Crews mobilized to site on June 20th, 2008 for setup and preparations. The helicopter-airborne survey took place between July 6 and August 1, 2008. Finalization of the data and cleanup continued until August 6 before crews departed site. The entirety of the Cassiar Gold property, BC was flown. A total of 6,567 line kilometers of magnetic gradiometer (MAG) and very-low-frequency electromagnetic (VLF-EM) was conducted within the claim boundary. Preliminary MAG data was made available to field crews on August 20th, 2008. Finalized data was submitted to Hawthorne on November 23, 2008. A detailed report of the helicopter-airborne survey is provided in Appendix C.

Hawthorne dispatched an eight-man field crew to conduct preliminary ground assessment of initial geomagnetic data between August 20 and September 10, 2008. The focus was to correlate near mine geomagnetic responses with regional geomagnetic signatures.

In summary, in the areas to the west of the Main Mine, orthogonal and sometimes continuous mafic dykes, which have utilized regional fracture sets, are expressed by magnetic highs that trend east-west and north-south. These anomalies are regular, induced by the presence of magnetic sulphides (pyrrhotite with minor pyrite +/- chalcopyrite) in intensely chlorite altered metavolcanics. These responses show similarities to dykes observed at the Main Mine and on Vollaug, whereby late stage lamprophyre dykes have often utilized early-stage gold mineralizing quartz veins and their associating structures to breach surface. Geomagnetic lows in this area correlate with observed silica-carbonate alteration zones and quartz veining previously not identified.

Systematic study and sampling of these dyke geometries will hopefully lead to the discovery of gold-bearing quartz veins in the area adjacent to the Main Mine and elsewhere on the property where similar rocks exhibiting identical geophysical features are found.

Observations of geomagnetic highs in the southwest and northeast regions of the property correlate to large, steeply dipping and deep rooted ultramafic bodies that plunge southeast and exist in the order of 1.5 km by 5.5 km diameter pods. These ultramafic bodies are structurally and chemically related to gold mineralization in all 13 portal locations on Table Mountain and the preliminary geomagnetic responses demonstrate that these bodies are much more extensive than originally mapped, particularly in areas where metasomatism have altered ultramafic rocks to Listwanite assemblages that are conducive to quartz-carbonate vein formation and gold mineralization.

Geomagnetic highs and lows have expressed new areas of structural complexity in the Taurus project area and regional project areas on Table Mountain, particularly to the south in the Sky-Gap, Pete and Hunter prospects. Detailed review of VLF and its proximity to geomagnetic anomalies have also been observed in areas of gold mineralization and areas un-explored.

Due to time constraints and physiography, only 15% of the preliminary geomagnetic anomalies covering the Cassiar Gold property were ground truthed in 2008. The arrival of finalized MAG and VLF data from CMG is expected in the late quarter of 2008 and planning for a detailed 2009 work program will then follow.

Please refer to Appendix D for detailed field notes. Maps pertaining to the survey area and maps displaying the geophysics data can be viewed in the back of Appendix C.

6.0 Diamond Drilling Program

The East Bain deposit hosts an indicated resource of 22, 157 tons at 0.62 oz/ton gold for 13,708 oz gold[3]. However, database errors and lack of well interpreted cross-sections put doubt in the confidence that the East Bain could be adequately targeted and defined. One concern in particular was the lack of down-hole surveys for historic drill holes.

A diamond drill hole program was designed to increase the geological confidence of the East Bain and to explore for the continuity of the vein further east. Two drill holes were designed to twin historic intercepts for QA/QC. The remaining 13 drill holes were designed to explore for continuity and to infill between historical drilling. Please see Table 3 below.

Table 3. Summary of drill collar data.

Hole ID	Type	Easting	Northing	RL	Length	Dip	Azi	Started	Completed	Comments	Tenure #
BNS-0001	NQ	461196.34	6560829.30	1270.15	205.74	-45	144	16-Sep-08	18-Sep-08	Competed	514497
BNS-0002	HQ	461240.85	6560848.20	1272.88	190.50	-45	144	19-Sep-08	22-Sep-08	Competed	514497
BNS-0003	HQ	461223.68	6560845.31	1272.13	184.40	-50	148	22-Sep-08	24-Sep-08	Competed	514497
BNS-0004	HQ	461338.93	6560845.31	1274.52	28.04	-48	156	25-Sep-08	25-Sep-08	Abandoned	514497
BNS-0005	HQ	461340.53	6560843.88	1274.50	144.78	-48	156	25-Sep-08	27-Sep-08	Competed	514497
BNS-0006	HQ	461315.90	6560858.12	1276.96	172.21	-50	150	28-Sep-08	30-Sep-08	Competed	514497
BNS-0007	HQ	461343.54	6560866.54	1276.49	211.84	-50	150	30-Sep-08	03-Oct-08	Competed	514497
BNS-0008	HQ	461327.44	6560835.38	1273.71	138.68	-50	150	03-Oct-08	05-Oct-08	Competed	514497
BNS-0009	HQ	461355.16	6560839.68	1273.76	163.07	-51	156	05-Oct-08	07-Oct-08	Competed	514497
BNS-0010	HQ	461278.31	6560859.89	1275.85	178.31	-51	148	07-Oct-08	09-Oct-08	Competed	514497
BNS-0011	HQ	461285.07	6560838.74	1273.33	156.99	-50	150	10-Oct-08	12-Oct-08	Competed	514497
BNS-0012	HQ	461244.25	6560827.99	1271.15	172.21	-50	150	12-Oct-08	14-Oct-08	Competed	514497
BNS-0013	HQ	461216.55	6560824.71	1271.18	214.88	-50	150	14-Oct-08	16-Oct-08	Competed	514497
BNS-0014	HQ	461203.88	6560815.14	1269.24	181.36	-50	150	17-Oct-08	19-Oct-08	Competed	514497
BNS-0015	HQ	461186.00	6560816.00	1267.71	193.55	-55	150	19-Oct-08	21-Oct-08	Competed	514497

15 drill holes, totaling 2536.54 meters of diamond drill core were completed between September 14 and October 23, 2008 on the East Bain vein. 205.7 meters were drilled with NQ (BNS-0001) and the remaining 2330.80 meters were drilled in HQ. The contract was fulfilled by DJ Drilling Ltd., from Watson Lake. A LF125 drill rig was used. Holes were planned at 15 to 20 meter drill spacing.

[3] Wardrop Engineering Inc., Technical Report on the Taurus Deposit for Cusac Gold Mines Ltd., May 15, 2007

All vein-intercepts and core intersecting volcanic rock were sampled in holes BNS-0001 to BNS-0011. For holes BNS-0012 to BNS-0015, only vein intercepts and mineralized intervals were sampled. A total of 1512 core samples were submitted for fire assay and multi-element ICP at Eco Tech Laboratory Ltd. in Whitehorse, YT. Standard QA/QC protocols were followed to include blanks, duplicates, prep-duplicates, and standards. Vein samples and mineralized intervals underwent further screen metallic analysis. Visible gold was observed in drill holes BNS-0003, BNS-0005 to BNS-0008 (5 holes). Of the 1512 core samples taken, 61 are samples from historical drill holes were re-sampled to include shoulder samples surrounding significant intercepts. Please see appendix E for a list of samples collected for analysis from the historical drill core.

Please refer to Appendix A2 for Assay certificates. Please refer to Figure 17 for a plan view of the drill collars. Please refer to Figures 18-27 for corresponding cross sections.

7.0 Other Work

Field crews partook in several days of core salvaging and re-logging of the core library, both at Table Mountain and at Taurus. Compilation work was completed on site for data pertaining to the property geology due to the fact that all datasets were originally stored at the mine office. Mine portal rehabilitation for access to faces for mapping was carried out extensively during the months of July and August, but these assessment dollars are not incorporated into this assessment.

8.0 Conclusion and Recommendations

The 2008 exploration program was successful in giving Hawthorne an overall look at the vast potential remaining in the Cassiar Gold property and in the district's gold potential. Rock sampling and reconnaissance field work, in conjunction with on site compilation work, diamond drilling and airborne geophysics has given the team a detailed look at what is required for 2009. In addition, better handling of the spatial data with the recent surveying program will ensure future work can be carried out in absolute space without conversion issues.

Based in this year's work, a $3.2 million dollar exploration program is recommended for 2009 below:

1. A $150,000 dollar sampling program on the Sky/Gap, Prosser, Pete, Theresa/Hunter, and Main Mine West areas encompassing maps 01, 19, 27, 12, 13, 8, and 19 respectively in the NTS 104p/5 map index.
2. A $50,000 dollar trenching program over the Sky/GAP area, Prosser, and Main Mine West, and Vollaug area overlaying geochemical high signatures resulting on current compilation work.
3. A $1.5 million near-mine-surface diamond drilling program to assess the remaining potential in the Michelle High Grade, Katharine-Bonanza vein systems, Main Mine East Zone, and abandoned open pit systems that were not completed to depth due to limited surface mining methods.
4. A $500,000 dollar exploration drill program to delineate the down dip potential of the East Bain deposit.
5. A $1.0 million dollar exploration drill program in the Prosser, Pete, and Sky/Gap area in the late summer-early fall.

9.0 Breakdown of Expenditures

Table 4. Breakdown of expenditures for physical and technical work completed between May 1 and October 31, 2008.

Type of Work	**Rock Sampling Program**	
Dates	June 01 - July 25, 2008	
Number of Personnel	8	
Personnel Names	P. Bui, A. Carpenter, I.Svorinic, Y.Proenza, C. McKnight, D. Tompkins, R. Easterbrook, K. Unger	
Calendar Days Worked	42	
Man Days	336	
Average cost per man day	288.00	
Room & Board (per day)	75.81	
Work Costs Total	96,768.00	96,768.00
Room & Board Total	25,473.78	25,473.78

Type of Work	**Soil Sampling Program**	
Dates	July 26 - August 5, 2008	
Number of Personnel	8	
Personnel Names	P. Bui, A. Carpenter, I.Svorinic, Y.Proenza, C. McKnight, D. Tompkins, R. Easterbrook, K. Unger	
Calendar Days Worked	12	
Man Days	96	
Average cost per man day	288.00	
Room & Board (per day)	75.81	
Work Costs Total	27,648.00	27,648.00
Room & Board Total	7,278.22	7,278.22

Type of Work	**Airborne Geophysics Program - Canadian Mining Geophysics Ltd. Contract**	
Dates	July 6 - August 1, 2008	
Number of Personnel	4	
Personnel Names	Canadian Mining Geophysics	
Calendar Days Worked	27	
Man Days	108	
Line kilometers flown	6567	
Room & Board (per day)	75.81	
Average cost per line kilometer	66.59	
Work Costs Total	437,296.53	437,296.53
Room & Board Total	8,188.00	8,188.00

Type of Work	**Geophysics Ground Truthing Program**	
Dates	August 20 - September 10, 2008	
Number of Personnel	8	
Personnel Names	P. Bui, A. Carpenter, I.Svorinic, Y.Proenza, C. McKnight, D. Tompkins, R. Easterbrook, K. Unger	
Calendar Days Worked	21	
Man Days	168	
Average cost per man day	288.00	
Room & Board (per day)	75.81	
Work Costs Total	48,384.00	48,384.00
Room & Board Total	12,736.89	12,736.89

Type of Work	**Surveying Program - McElhanney Engineering Consultants Ltd Contract**	
Dates	July 14 - July 25, 2008	
Number of Personnel	3	
Personnel Names	G. Bjorgan, J. Baglole, & J. Christie	
Calendar Days Worked	12	
Man hours	397	
Man days	36	
Average cost per man hour	124.84	
Room & Board (per day)	75.81	
Work Costs Total	49,561.48	49,561.48
Room & Board Total	2,729.33	2,729.33

Type of Work	**Diamond Drilling Program - DJ Drilling Ltd. Contract**	
Dates	September 14 - October 23, 2008	
Number of Personnel	4	
Calendar Days Worked	48	
Personnel Names	DJ Drilling	
Man days	192	
Meters Drilled NQ	205.7	
Average cost per meter NQ	115.93	
Subtotal NQ	23846.801	
Meters Drilled HQ	2330.8	
Average cost meter HQ	134.11	
Subtotal HQ	312583.588	
Drilling Supplies	7,923.00	
Room & Board (per day)	75.81	
Work Costs Total	344,353.39	344,353.39
Room & Board Total	14,556.44	14,556.44

Type of Work	**Core Logging & Processing Program - East Bain Drilling by DJ Drilling Ltd.**	
Dates	September 14 - October 23, 2008	
Number of Personnel	7	
Personnel Names	M. Dalsin, C. Roney, L. Islip, L. Hunt, S. Nicholls, J. XXX, Helper	
Calendar Days Worked	40	
Man Days	280	
Average cost per man day	288.00	
Room & Board (per day)	75.81	
Work Costs Total	80,640.00	80,640.00
Room & Board Total	21,228.15	21,228.15

Type of Work	**Camp Support Staff**	
Dates	May 1 - October 31, 2008	
Number of Personnel	6	
Personnel Names	Guy Martial, Paul Lebel, Troy Daruna, Michelle Lebel, Garrick Lavis, Dorrie Williams, Clinton Norton, Eilleen O'Hara, Connor Dekking, Helene Bucek, Ashley Lebel	
Man Days	1104	
Cost per man day	276.92	
Room & Board (per day)	75.81	
Work Costs Total	305,716.44	305,716.44
Room & Board Total	83,699.56	83,699.56

Total	1,566,258.21

10.0 Statement of Expenditures

I, Phu Van Bui, an employee of Hawthorne Gold Corporation, Suite 1580 – 505 Burrard Street, Box 72, Vancouver, BC, Canada, V7X 1M5, do solemnly declare that field reconnaissance, soil sampling, rock and chip sampling, surveying, airborne geophysics, diamond drilling, and logistical support costs for undertakings carried out on the aforementioned claims (see Table 1) between the dates of May 01 & October 31, 2008 were as follows:

Table 5. Summary of Expenditures.

Date Start	Date End	Work Conducted	By	Expenditure Cost
01-Jun-08	25-Jul-08	Rock Sampling Program, 391 samples	Hawthorne	$96,768.00
26-Jul-08	05-Aug-08	Soil Sampling Program, 606 samples	Hawthorne	$27,648.00
06-Jul-08	01-Aug-08	Airborne Geophysics Program, 6567 line km	CMG	$437,296.53
20-Aug-08	10-Sep-08	Geophysics Ground Truthing Program, 21 days	Hawthorne	$48,384.00
29-Jun-08	25-Jul-08	Surveying Program, 12 days	McElhanney	$49,561.48
14-Sep-08	23-Oct-08	Diamond Drilling Program, 205.7 m NQ, 2330.8 m HQ	DJ Drilling	$344,353.39
14-Sep-08	23-Oct-08	Core Logging & Processing Program, 40 days	DJ Drilling	$80,640.00
01-May-08	31-Oct-08	Camp Support Staff	Hawthorne	$305,716.44
01-Jun-08	31-Oct-08	Room and Board	Hawthorne	$175,890.37
			Total	$1,566,258.21

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the Province of British Columbia this 6th day of March, 2009.

Respectfully Submitted,

_____

Phu Van Bui, B.Sc., G.I.T.
Project Geologist

11.0 Statement of Qualifications

I, Phu Van Bui, resident of Vancouver, British Columbia, do certify that:

1. I graduated from the University of British Columbia in May 2004 with a B.Sc. in Earth and Ocean Sciences;

2. From November 2004, I have been registered as a Geologist In Training, G.I.T., with the Association of Professional Engineers and Geosciences of British Columbia (Reg. No. 143538);

3. From 2002 to present, I have been actively engaged in mineral exploration in Canada (British Columbia, Yukon Territory, and Nunavut) and Australia (Western Australia and Queensland);

4. I am presently employed with the Hawthorne Gold Corporation as Project Geologist;

5. I have personally participated in the logistical support, fieldwork and analysis of data for the filed undertakings herein.

6. I do not, and have not, held options or securities in Hawthorne Gold Corporation prior to and during the disclosure of this report.

Respectfully Submitted,

_____

Phu Van Bui, B.Sc., G.I.T.
Project Geologist

12.0 References

Andrews, M.M. Geological and Geochemical Report on the Snow 89 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1989.

Bain, J. *et al.* Geophysical, Geological and Diamond Drilling Report on Exploration Conducted in 1990 and 1991 in the Cusac Area, Erickson Gold Mine Property, Cassiar District, Liard Mining Division, Volume I. Unpublished Assessment Report for Total Energold, 1991.

Ball, M. Diamond Drilling Report on the Erickson Gold Mine Property, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Total Energold, 1991.

Ball, M. Geological Report on the Beacon Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1984.

Basnett, R. Geochemical and Physical (Linecutting) Report on the Angus Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Agnes & Jennie Mining Co. Limited, AJM Explorations and Stanley Case, 1982.

Beacon Hill Consiltants (1988) Ltd. Update of Technical Report on the Table Mountain Property, Liard Mining District, British Columbia, Canada. Unpublished 43-101 Technical Report for Hawthorne Gold Corporation, 2008.

Broughton, D., and Masson, M., 1996. Report on 1995 Exploration Program on the Taurus Project, B.C., NTS 104P/5; Unpublished Company Report for Cyprus Canada Inc., 57 pages and appendices.

Broughton, D., and Masson, M., 1996. Report on 1995 Exploration Program on the Taurus Project, B.C., NTS 104P/5; Unpublished Company Report for Cyprus Canada Inc., 57 pages and appendices.

Boronwski, A. A Diamond Drilling Report on the Wildcat #1, #2, #9, #12, #14 and Ted Fr. Claims of the Wildcat & Wildcat-86 Groups, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1986.

Boronwski, A. A Diamond Drilling Report on the Jennie EXT. #4, FG #1 & #2, Sun, Up, Hurricane #3 (L6529) & #4 (L6530) of the Jennie-86 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation and Table Mountain Mines, 1986.

Carmichael, P.A. Geological Report on the Hot Lake 86 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1989.

Diakow, L.J. and Panteleyev, A., 1981. Cassiar Gold Deposits, McDame Map-area (104P/4,5); in Geological Fieldwork 1980, British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1981-1, pp 55-62.

Dussel, E. Diamond Drilling Report on the Jennie-86 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Table Mountain Mines Ltd. and Erickson Gold Mining Corporation, 1986.

Dussel, E. Diamond Drilling Report on the Tara-85 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1986.

Dussel, E. Geochemical Report on the Trout Creek Group – Lulu Grid, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1985.

Everett, C.C. Geological, Geochemical, Diamond Drilling Report for McDame Project, Group A, Group B, Group C, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, Newcoast Silver Mines Limited, and Table Mountain Mines Limited, 1983.

Everett, C.C. Geological, Geochemical, Diamond Drilling Report for McDame Project, Group A, Group B, Group C, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation, Newcoast Silver Mines Limited, and Table Mountain Mines Limited, 1982.

Glover, M.J. Table Mountain Gold Property Trenching Report, Sun Claim – Bear Vein – 1998 Field Season. Unpublished Assessment Report for Cusac Gold Mines, 1998.

Lehtinen, J. A Percussion and Diamond Drilling Report on the Nu-Tara Claims of the Tata-86 Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation and Cusac Industries Ltd., 1988.

Lehtinen, J., Boronwski, A. A Diamond Drilling and Trenching Report on the Jager, Lorraine 1&2, Pete, Pool 2, 3&4 Mineral Claims, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation and Cusac Industries Ltd., 1988.

Panteleyev, A, and Diakow, L.J., 1982. Cassiar Gold Deposits, McDame Map-area; in Geological Fieldwork 1981, British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1982-1, pp 156-161.

Sebert, C. A Diamond Drilling Report on the Hunter Group, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Consolidated Silver Standard Mines Ltd. and Erickson Gold Mining Corporation, 1988.

Smit, H., Dussel, E. Geological and Geophysical Report on the Trout Creek Group – Lulu Grid, Cassiar District, Liard Mining Division. Unpublished Assessment Report for Erickson Gold Mining Corporation and Stanley Case, 1986.

Woods, D.V. Technical Description of a Gradient Array Induced Polarization and Resistivity Survey, Eastern Contact and Wildcat Grids, Cassiar, BC. Unpublished Assessment Report for Erickson Gold Mining Corp., 1990.

Woods, D.V. Technical Description of a Gradient Array Induced Polarization and Resistivity Survey, Katherine East, Katherine Southeast and Pete Grids, Cassiar, BC. Unpublished Assessment Report for Erickson Gold Mining Corporation, 1990.

Appendix A1

Regional Soil and Rock
Assay Certificates from International Plasma Labs Ltd.

Contents

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
iPL 8I4255

200 - 11620 Horseshoe Way
Richmond, B.C.
Canada V7A 4\
Phone (604) 272-[illegible]18
Fax (604) 272-0851
Website www.ipl.ca

Hawthorne Gold Corp
Project : 02
Shipper : Michael Redfearn
Shipment: PO#: 08-02-245
Comment:

712 Samples Print: Oct 23, 2008 In: Sep 08, 2008 [425510:29:15:80102308:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B11100	712	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis
B84100	37	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90026	1	Std iPL	Std iPL (Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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1

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2

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3 Hawthorne Gold Corp One Bentall Ctr
Suite 1580-505 Burrard St Box 72
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Canada
Att: Phi Van Bui
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Suite 1580-505 Burrard St Box 72
Vancouver
B.C V7X 1M5
Canada
Att: Angel Lee
Ph:604-629-1505
Em:alee@adrianaresources.com

Analytical Summary
Analysis: ICP(Multi-Acid)30 Au(FA/AAS)

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	5000.00
02	0771	ICPM	ppm	Ag ICP(Multi-Acid)	Silver	0.5	500.0
03	0761	ICPM	ppm	Cu ICP(Multi-Acid)	Copper	1	20000
04	0764	ICPM	ppm	Pb ICP(Multi-Acid) Depressed	Lead	2	10000
05	0780	ICPM	ppm	Zn ICP(Multi-Acid)	Zinc	1	10000
06	0753	ICPM	ppm	As ICP(Multi-Acid) Depressed	Arsenic	5	10000
07	0752	ICPM	ppm	Sb ICP(Multi-Acid) Depressed	Antimony	5	2000
08	0782	ICPM	ppm	Hg ICP(Multi-Acid)	Mercury	3	10000
09	0767	ICPM	ppm	Mo ICP(Multi-Acid)	Molydenum	1	1000
10	0797	ICPM	ppm	Tl ICP(Multi-Acid)	Thallium	2	1000
11	0755	ICPM	ppm	Bi ICP(Multi-Acid)	Bismuth	2	2000
12	0757	ICPM	ppm	Cd ICP(Multi-Acid)	Cadmium	0.2	2000.0
13	0760	ICPM	ppm	Co ICP(Multi-Acid)	Cobalt	1	10000
14	0768	ICPM	ppm	Ni ICP(Multi-Acid)	Nickel	1	10000
15	0754	ICPM	ppm	Ba ICP(Multi-Acid)	Barium	2	10000
16	0777	ICPM	ppm	W ICP(Multi-Acid)	Tungsten	5	1000
17	0759	ICPM	ppm	Cr ICP(Multi-Acid)	Chromium	1	10000
18	0779	ICPM	ppm	V ICP(Multi-Acid)	Vanadium	1	10000
19	0766	ICPM	ppm	Mn ICP(Multi-Acid)	Manganese	1	10000
20	0763	ICPM	ppm	La ICP(Multi-Acid)	Lanthanum	2	10000
21	0773	ICPM	ppm	Sr ICP(Multi-Acid)	Strontium	1	10000
22	0781	ICPM	ppm	Zr ICP(Multi-Acid)	Zirconium	1	10000
23	0786	ICPM	ppm	Sc ICP(Multi-Acid)	Scandium	1	10000
24	0776	ICPM	%	Ti ICP(Multi-Acid)	Titanium	0.01	10.00
25	0751	ICPM	%	Al ICP(Multi-Acid)	Aluminum	0.01	5.00
26	0758	ICPM	%	Ca ICP(Multi-Acid)	Calcium	0.01	10.00
27	0762	ICPM	%	Fe ICP(Multi-Acid)	Iron	0.01	5.00
28	0765	ICPM	%	Mg ICP(Multi-Acid)	Magnesium	0.01	10.00
29	0770	ICPM	%	K ICP(Multi-Acid)	Potassium	0.01	10.00
30	0772	ICPM	%	Na ICP(Multi-Acid)	Sodium	0.01	10.00
31	0769	ICPM	%	P ICP(Multi-Acid)	Phosphorus	0.01	5.00

* Our liability is limited solely to the analytical cost of these analyses.
ID=C104001030912

BC Certified Assayer: David Chiu, Francis Chan

Signature: _____

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS

iPL 8I4255

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples 712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

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Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007001	Soil	<0.07	<0.5	37	<2	90	42	<5	<3	5	<2	<2	<0.2	23	62	929	<5	128	143
5007002	Soil	<0.07	<0.5	28	<2	67	17	<5	<3	4	<2	<2	<0.2	22	48	890	<5	107	138
5007003	Soil	<0.07	<0.5	27	<2	65	22	<5	<3	5	<2	<2	<0.2	20	51	858	<5	103	127
5007004	Soil	<0.07	<0.5	53	<2	90	20	<5	<3	3	<2	<2	<0.2	26	45	1360	<5	117	187
5007005	Soil	<0.07	<0.5	39	<2	84	14	<5	<3	4	<2	<2	<0.2	24	43	1227	<5	117	180
5007006	Soil	0.07	<0.5	71	<2	130	29	<5	<3	5	<2	<2	<0.2	24	52	1293	<5	119	163
5007007	Soil	0.08	<0.5	55	<2	86	19	<5	<3	4	<2	<2	<0.2	23	52	1208	<5	118	165
5007008	Soil	0.07	<0.5	55	<2	104	51	<5	<3	5	<2	<2	<0.2	29	49	1263	<5	114	172
5007009	Soil	<0.07	<0.5	45	<2	88	23	<5	<3	4	<2	<2	<0.2	25	56	1125	<5	120	152
5007010	Soil	0.74	<0.5	8035	5	145	<5	23	<3	11	<2	<2	<0.2	12	18	321	<5	43	93
5007011	Soil	<0.07	<0.5	50	<2	87	30	<5	<3	5	<2	<2	<0.2	25	52	1220	<5	125	164
5007012	Soil	0.07	<0.5	53	<2	93	27	<5	<3	4	<2	<2	<0.2	28	48	1267	<5	117	183
5007013	Soil	<0.07	<0.5	48	<2	113	62	<5	<3	6	<2	<2	<0.2	29	62	1352	<5	124	172
5007014	Soil	<0.07	<0.5	58	<2	104	52	<5	<3	5	<2	<2	<0.2	26	54	1304	<5	124	175
5007015	Soil	<0.07	<0.5	40	<2	93	23	<5	<3	4	<2	<2	<0.2	22	48	966	<5	114	157
5007016	Soil	<0.07	<0.5	23	<2	64	<5	<5	<3	5	<2	<2	<0.2	18	27	477	8	63	125
5007017	Soil	<0.07	<0.5	33	<2	71	15	<5	<3	5	<2	<2	<0.2	19	61	820	<5	109	128
5007018	Soil	0.07	<0.5	23	<2	49	15	<5	<3	3	<2	<2	<0.2	18	58	777	<5	126	130
5007019	Soil	<0.07	<0.5	12	<2	63	6	<5	<3	6	<2	<2	<0.2	18	24	602	<5	98	130
5007020	Soil	<0.07	<0.5	25	3	53	17	<5	<3	4	<2	<2	<0.2	16	59	804	<5	112	133
5007021	Soil	<0.07	<0.5	36	<2	91	48	<5	<3	4	<2	<2	<0.2	23	48	1221	<5	117	173
5007022	Soil	<0.07	<0.5	39	<2	87	30	<5	<3	4	<2	<2	<0.2	22	45	974	<5	105	159
5007023	Soil	<0.07	<0.5	22	<2	48	8	<5	<3	3	<2	<2	<0.2	15	47	762	<5	95	114
5007024	Soil	<0.07	<0.5	19	<2	53	11	<5	<3	4	<2	<2	<0.2	18	50	826	<5	104	119
5007025	Soil	<0.07	<0.5	46	<2	98	49	<5	<3	5	<2	<2	<0.2	23	85	957	<5	138	153
5007026	Soil	<0.07	<0.5	36	<2	71	22	<5	<3	4	<2	<2	<0.2	23	80	876	<5	135	136
5007027	Soil	<0.07	<0.5	50	<2	85	26	<5	<3	4	<2	<2	<0.2	18	50	796	<5	93	108
5007028	Soil	0.09	<0.5	61	<2	71	28	<5	<3	4	<2	<2	<0.2	18	74	725	<5	120	108
5007029	Soil	0.09	<0.5	43	<2	69	28	<5	<3	3	<2	<2	<0.2	15	53	722	<5	96	99
5007030	Soil	0.75	<0.5	7620	7	147	22	24	<3	11	<2	<2	<0.2	12	18	340	<5	46	93
5007031	Soil	0.08	<0.5	53	<2	91	41	<5	<3	4	<2	<2	<0.2	21	60	857	<5	117	131
5007032	Soil	<0.07	<0.5	36	<2	69	28	<5	<3	5	<2	<2	<0.2	24	58	917	<5	123	146
5007033	Soil	<0.07	<0.5	36	<2	70	26	<5	<3	4	<2	<2	<0.2	27	59	920	<5	129	183
5007034	Soil	<0.07	<0.5	21	<2	62	7	<5	<3	4	<2	<2	<0.2	23	43	918	<5	113	176
5007035	Soil	0.10	<0.5	51	<2	88	65	<5	<3	4	<2	<2	<0.2	22	52	892	<5	114	177
5007036	Soil	<0.07	<0.5	23	<2	65	<5	<5	<3	5	<2	<2	<0.2	18	27	481	8	59	126
5007037	Soil	<0.07	<0.5	47	<2	87	92	<5	<3	5	<2	<2	<0.2	28	45	1204	<5	109	201
5007038	Soil	<0.07	<0.5	55	<2	140	65	<5	<3	5	<2	<2	<0.2	27	46	988	<5	105	178
5007039	Soil	<0.07	<0.5	56	<2	135	75	<5	<3	5	<2	<2	<0.2	28	48	1180	<5	112	184
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007001	1205	31	178	37	18	0.45	7.85%	2.06	4.82	1.59	1.39	1.79	0.12
5007002	698	34	209	34	14	0.44	7.41%	2.05	4.12	1.43	1.58	1.98	0.08
5007003	642	31	202	34	14	0.43	7.50%	2.12	3.88	1.38	1.54	1.98	0.06
5007004	642	34	183	31	19	0.63	8.07%	2.52	4.47	1.82	1.34	1.83	0.09
5007005	623	33	185	31	19	0.56	7.48%	2.44	3.93	1.67	1.27	1.73	0.09
5007006	1607	26	120	31	18	0.39	6.51%	1.88	4.26	1.69	0.97	1.28	0.10
5007007	720	34	168	36	19	0.49	7.52%	2.04	4.27	1.62	1.23	1.65	0.11
5007008	3021	35	171	33	19	0.50	7.17%	2.31	5.37%	1.70	1.22	1.63	0.10
5007009	757	34	186	33	17	0.45	7.13%	2.14	4.20	1.48	1.31	1.67	0.10
5007010	1309	27	313	9	6	0.16	7.34%	3.44	9.32%	1.25	2.71	1.25	0.06
5007011	584	34	189	34	18	0.49	7.78%	2.27	4.62	1.59	1.42	1.84	0.11
5007012	653	32	181	33	19	0.56	7.50%	2.57	4.54	1.76	1.28	1.74	0.08
5007013	2760	35	158	36	20	0.50	7.78%	2.25	6.54%	1.77	1.35	1.69	0.11
5007014	1150	33	164	35	19	0.49	7.49%	2.37	5.43%	1.78	1.31	1.65	0.12
5007015	623	32	172	32	17	0.48	7.36%	2.43	4.36	1.62	1.31	1.63	0.12
5007016	747	18	291	22	14	0.42	8.56%	3.52	4.35	1.65	0.89	2.88	0.06
5007017	467	33	191	39	12	0.40	7.57%	1.74	3.92	1.33	1.62	1.84	0.08
5007018	515	31	194	24	12	0.42	6.96%	2.11	3.35	1.35	1.56	1.88	0.08
5007019	398	36	190	94	9	0.67	8.13%	1.37	4.70	0.88	1.88	2.11	0.06
5007020	391	28	178	32	12	0.48	7.67%	1.67	3.49	1.20	1.59	1.80	0.06
5007021	808	31	166	34	17	0.46	7.36%	2.23	5.31%	1.77	1.27	1.68	0.11
5007022	988	29	156	30	16	0.41	6.93%	2.18	4.60	1.65	1.16	1.57	0.11
5007023	401	28	208	23	12	0.38	6.46%	2.32	2.64	1.18	1.41	1.82	0.08
5007024	532	35	225	30	12	0.47	7.82%	2.41	3.46	1.34	1.87	2.29	0.08
5007025	1561	36	171	36	18	0.45	7.59%	2.05	5.10%	1.53	1.36	1.61	0.12
5007026	680	30	187	27	14	0.40	6.90%	2.17	3.93	1.48	1.36	1.69	0.06
5007027	607	30	205	42	13	0.39	6.65%	2.90	3.93	1.22	1.43	1.54	0.15
5007028	566	30	163	36	17	0.29	5.55%	2.52	3.85	1.25	0.88	1.11	0.19
5007029	555	23	156	29	14	0.27	5.39%	2.86	3.49	1.24	0.77	1.09	0.13
5007030	1217	25	313	10	7	0.16	6.93%	3.22	8.66%	1.20	2.55	1.20	0.06
5007031	1232	25	151	30	17	0.36	6.34%	2.82	4.36	1.45	0.90	1.34	0.11
5007032	799	33	203	33	16	0.46	7.11%	2.24	4.10	1.45	1.37	1.90	0.08
5007033	880	29	177	29	17	0.60	7.35%	2.63	4.86	1.88	1.16	1.94	0.07
5007034	668	26	170	28	16	0.58	6.94%	2.47	3.94	1.69	1.09	1.79	0.07
5007035	656	30	131	31	20	0.43	7.23%	1.81	4.79	1.59	0.88	1.45	0.13
5007036	739	18	293	20	14	0.38	7.83%	3.24	4.01	1.52	0.90	2.63	0.06
5007037	2073	33	178	32	20	0.63	7.59%	2.50	5.13%	1.73	1.12	1.78	0.10
5007038	1398	33	150	37	18	0.45	7.18%	1.99	5.38%	1.58	1.08	1.34	0.12
5007039	1231	34	146	37	19	0.47	7.23%	2.27	5.85%	1.72	1.20	1.36	0.14
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples 712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [4255102915801023080001] In: Sep 08, 2008

Print: Oct 23, 2008 Page 2 of 20
Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007040	Soil	<0.07	<0.5	54	<2	119	56	<5	<3	4	<2	<2	<0.2	28	47	1210	<5	111	185
5007041	Soil	<0.07	<0.5	50	<2	91	31	<5	<3	3	<2	<2	<0.2	20	35	821	<5	87	124
5007042	Soil	<0.07	<0.5	48	<2	109	34	<5	<3	4	<2	<2	<0.2	21	37	839	<5	90	128
5007043	Soil	<0.07	<0.5	51	<2	107	66	<5	<3	4	<2	<2	<0.2	24	42	860	<5	105	149
5007044	Soil	<0.07	<0.5	43	<2	77	51	<5	<3	5	<2	<2	<0.2	24	46	935	<5	108	158
5007045	Soil	<0.07	<0.5	72	<2	141	55	<5	<3	5	<2	<2	<0.2	28	53	1217	<5	115	189
5007046	Soil	<0.07	<0.5	45	<2	99	59	<5	<3	4	<2	<2	<0.2	28	56	1165	<5	116	174
5007047	Soil	<0.07	<0.5	30	<2	66	46	<5	<3	3	<2	<2	<0.2	22	41	1139	<5	106	158
5007048	Soil	<0.07	<0.5	42	<2	70	20	<5	<3	3	<2	<2	<0.2	26	61	980	<5	133	173
5007049	Soil	<0.07	<0.5	49	<2	81	31	<5	<3	4	<2	<2	<0.2	28	82	950	<5	141	164
5007050	Soil	<0.07	<0.5	93	<2	85	53	<5	<3	4	<2	<2	<0.2	19	93	716	<5	105	107
5007051	Soil	0.78	<0.5	8063	6	142	<5	24	<3	11	<2	<2	<0.2	12	17	382	<5	42	91
5007052	Soil	<0.07	<0.5	37	<2	77	24	<5	<3	4	<2	<2	<0.2	26	89	877	<5	135	140
5007053	Soil	<0.07	<0.5	36	<2	95	23	<5	<3	3	<2	<2	<0.2	22	83	931	<5	122	131
5007054	Soil	<0.07	<0.5	34	<2	95	30	<5	<3	5	<2	<2	<0.2	26	102	866	<5	151	146
5007055	Soil	<0.07	<0.5	27	<2	76	23	<5	<3	4	<2	<2	<0.2	24	71	850	<5	130	143
5007056	Soil	<0.07	<0.5	23	<2	66	<5	<5	<3	6	<2	<2	<0.2	18	27	490	11	66	127
5007057	Soil	<0.07	<0.5	58	<2	140	56	<5	<3	4	<2	<2	<0.2	26	84	935	<5	127	142
5007058	Soil	0.10	<0.5	48	<2	96	30	<5	<3	5	<2	<2	<0.2	25	50	1187	<5	115	167
5007059	Soil	<0.07	<0.5	39	<2	76	34	<5	<3	4	<2	<2	<0.2	22	49	953	<5	110	153
5007060	Soil	<0.07	<0.5	29	5	56	25	<5	<3	5	<2	<2	<0.2	17	38	747	<5	85	125
5007061	Soil	<0.07	<0.5	17	<2	57	18	<5	<3	4	<2	<2	<0.2	17	47	740	<5	115	141
5007062	Soil	<0.07	<0.5	15	<2	57	17	<5	<3	5	<2	<2	<0.2	16	44	721	<5	119	138
5007063	Soil	<0.07	<0.5	59	<2	115	25	<5	<3	8	<2	<2	<0.2	19	102	755	<5	113	97
5007064	Soil	<0.07	<0.5	30	<2	68	<5	<5	<3	4	<2	<2	<0.2	16	41	871	<5	93	121
5007065	Soil	<0.07	<0.5	32	<2	83	9	<5	<3	6	<2	<2	<0.2	26	71	1286	<5	120	145
5007066	Soil	<0.07	<0.5	19	<2	64	13	<5	<3	4	<2	<2	<0.2	20	60	867	<5	118	135
5007067	Soil	<0.07	<0.5	53	3	49	9	<5	<3	3	<2	<2	<0.2	7	35	488	<5	82	51
5007071	Soil	0.10	<0.5	24	<2	64	11	<5	<3	4	<2	<2	<0.2	17	59	740	<5	94	95
5007072	Soil	<0.07	<0.5	22	<2	66	11	<5	<3	4	<2	<2	<0.2	19	62	804	<5	102	105
5007073	Soil	<0.07	<0.5	23	<2	71	19	<5	<3	5	<2	<2	<0.2	22	63	851	<5	124	133
5007074	Soil	<0.07	<0.5	11	<2	50	17	<5	<3	4	<2	<2	<0.2	18	66	785	<5	117	120
5007075	Soil	<0.07	<0.5	39	<2	231	35	<5	<3	4	<2	<2	<0.2	16	47	887	<5	102	149
5007076	Soil	0.07	<0.5	58	<2	291	109	<5	<3	4	<2	<2	<0.2	27	80	930	<5	138	158
5007077	Soil	<0.07	<0.5	31	<2	81	27	<5	<3	4	<2	<2	<0.2	26	84	876	<5	155	153
5007078	Soil	<0.07	<0.5	23	<2	71	21	<5	<3	3	<2	<2	<0.2	23	69	816	<5	128	152
5007079	Soil	<0.07	<0.5	57	<2	164	84	<5	<3	4	<2	<2	<0.2	26	161	795	<5	197	134
5007080	Soil	0.80	<0.5	8634	5	144	<5	23	<3	10	<2	<2	<0.2	12	18	564	<5	40	91
5007081	Soil	<0.07	<0.5	33	<2	58	22	<5	<3	3	<2	<2	<0.2	21	47	800	<5	108	135
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Website www.ipl.ca

Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007040	912	32	156	36	19	0.53	7.21%	2.44	5.43%	1.75	1.19	1.38	0.11
5007041	835	25	145	27	16	0.36	5.58%	2.86	3.79	1.25	0.78	1.15	0.12
5007042	880	25	141	29	16	0.37	5.67%	2.69	3.94	1.30	0.83	1.16	0.12
5007043	796	28	157	32	17	0.44	6.13%	2.78	4.42	1.40	0.94	1.29	0.13
5007044	757	33	187	33	18	0.48	6.97%	2.18	4.42	1.45	1.30	1.71	0.09
5007045	1391	32	136	40	19	0.48	7.02%	2.35	5.55%	1.80	1.20	1.23	0.13
5007046	1357	32	171	36	18	0.56	7.40%	2.28	5.06%	1.58	1.25	1.64	0.10
5007047	821	32	191	31	16	0.54	7.08%	2.25	4.14	1.39	1.35	1.74	0.09
5007048	673	35	183	33	18	0.65	7.75%	2.49	4.52	1.83	1.41	2.00	0.07
5007049	872	34	177	34	19	0.52	7.53%	2.29	5.10%	1.77	1.27	1.76	0.08
5007050	603	33	145	40	19	0.31	6.07%	2.66	4.17	1.18	0.90	1.03	0.21
5007051	1294	26	305	9	6	0.17	7.30%	3.36	9.21%	1.23	2.68	1.24	0.06
5007052	697	34	207	42	15	0.51	7.36%	2.34	4.31	1.60	1.51	1.93	0.08
5007053	697	33	184	31	15	0.41	7.42%	2.16	4.44	1.67	1.41	1.78	0.08
5007054	827	27	156	30	14	0.39	6.44%	1.97	4.42	1.57	1.17	1.40	0.09
5007055	634	33	214	33	15	0.51	7.41%	2.27	4.11	1.55	1.47	2.00	0.06
5007056	757	19	294	22	14	0.38	7.98%	3.15	4.06	1.48	0.91	2.59	0.06
5007057	2295	30	155	31	18	0.37	6.41%	2.22	4.78	1.40	1.07	1.31	0.13
5007058	631	31	182	33	17	0.51	7.15%	2.18	3.87	1.57	1.32	1.69	0.10
5007059	815	31	186	30	16	0.49	6.82%	2.24	4.14	1.41	1.24	1.59	0.08
5007060	838	29	166	39	14	0.38	6.48%	1.47	3.67	0.74	1.26	1.29	0.25
5007061	423	28	166	29	11	0.48	6.30%	1.65	3.69	1.03	1.38	1.47	0.08
5007062	404	27	164	30	11	0.46	6.05%	1.58	3.63	0.96	1.36	1.46	0.09
5007063	346	41	100	43	24	0.33	7.71%	1.70	4.25	0.99	0.90	0.63	0.40
5007064	399	28	195	34	13	0.45	7.20%	2.30	3.01	1.34	1.24	1.79	0.07
5007065	514	36	192	46	15	0.49	9.03%	1.91	4.25	1.75	1.87	2.11	0.07
5007066	496	31	203	31	13	0.45	6.86%	2.03	3.24	1.34	1.43	1.76	0.06
5007067	169	20	122	29	14	0.16	3.47	2.77	1.71	0.68	0.52	0.46	0.21
5007071	735	24	173	25	11	0.30	5.43%	2.45	2.99	1.15	1.04	1.26	0.10
5007072	669	28	183	29	12	0.31	5.77%	2.28	3.19	1.21	1.12	1.37	0.10
5007073	742	34	210	31	14	0.49	7.47%	2.37	4.07	1.48	1.53	1.98	0.08
5007074	437	33	206	31	11	0.44	6.76%	1.84	3.01	1.38	1.42	1.83	0.06
5007075	413	26	186	35	13	0.48	6.93%	2.43	3.28	1.07	1.27	1.65	0.05
5007076	842	32	142	32	19	0.42	7.22%	1.81	5.51%	1.57	1.07	1.39	0.11
5007077	801	33	203	29	16	0.52	6.99%	2.35	4.16	1.59	1.32	1.83	0.07
5007078	618	28	165	26	15	0.43	6.87%	1.96	4.35	1.56	1.10	1.65	0.07
5007079	773	34	141	40	19	0.38	6.80%	1.67	5.27%	1.91	0.97	1.25	0.14
5007080	1358	27	312	9	6	0.18	7.77%	3.51	9.77%	1.30	2.86	1.31	0.06
5007081	590	31	193	35	13	0.49	7.21%	2.21	4.19	1.49	1.42	1.92	0.08
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [425510291580102308001] In: Sep 08, 2008

Print: Oct 23, 2008 Page 3 of 20
Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007082	Soil	<0.07	<0.5	61	<2	138	69	<5	<3	5	<2	<2	<0.2	28	82	722	<5	148	193
5007083	Soil	<0.07	<0.5	<1	16	19	7	<5	<3	4	<2	<2	<0.2	18	11	679	<5	79	145
5007084	Soil	<0.07	<0.5	14	<2	46	22	<5	<3	4	<2	<2	<0.2	20	36	818	<5	107	152
5007085	Soil	0.10	<0.5	69	<2	133	88	<5	<3	4	<2	<2	<0.2	25	81	897	<5	135	139
5007086	Soil	<0.07	<0.5	21	<2	64	<5	<5	<3	5	<2	<2	<0.2	17	27	471	8	64	124
5007087	Soil	<0.07	<0.5	21	5	57	32	<5	<3	5	<2	<2	<0.2	19	22	741	<5	105	158
5007088	Soil	<0.07	<0.5	<1	3	33	61	<5	<3	5	<2	<2	<0.2	19	14	926	<5	101	193
5007089	Soil	<0.07	<0.5	30	<2	116	56	<5	<3	4	<2	<2	<0.2	22	36	914	<5	101	154
5007090	Soil	<0.07	<0.5	58	<2	157	56	<5	<3	5	<2	<2	<0.2	25	44	1322	<5	104	170
5007091	Soil	<0.07	<0.5	27	<2	94	40	<5	<3	4	<2	<2	<0.2	21	31	837	<5	97	154
5007092	Soil	<0.07	<0.5	31	<2	97	40	<5	<3	5	<2	<2	<0.2	22	32	861	<5	101	159
5007093	Soil	0.07	<0.5	72	<2	154	112	<5	<3	6	<2	<2	<0.2	34	52	1534	<5	120	198
5007094	Soil	<0.07	<0.5	32	<2	60	36	<5	<3	4	<2	<2	<0.2	22	40	909	<5	107	180
5007095	Soil	0.09	<0.5	58	<2	90	39	<5	<3	4	<2	<2	<0.2	31	59	1269	<5	121	200
5007096	Soil	<0.07	<0.5	48	<2	94	57	<5	<3	4	<2	<2	<0.2	28	56	1203	<5	120	189
5007097	Soil	<0.07	<0.5	37	<2	81	40	<5	<3	4	<2	<2	<0.2	28	50	949	<5	122	177
5007098	Soil	0.08	<0.5	46	<2	108	38	<5	<3	4	<2	<2	<0.2	27	67	1418	<5	141	171
5007099	Soil	<0.07	<0.5	35	<2	76	28	<5	<3	3	<2	<2	<0.2	24	75	883	<5	137	158
5007100	Soil	<0.07	<0.5	39	<2	70	31	<5	<3	4	<2	<2	<0.2	31	93	872	<5	150	163
5007101	Soil	<0.07	<0.5	34	<2	64	20	<5	<3	4	<2	<2	<0.2	26	82	856	<5	158	157
5007102	Soil	0.09	<0.5	38	<2	63	20	<5	<3	4	<2	<2	<0.2	25	75	837	<5	146	146
5007103	Soil	0.07	<0.5	47	<2	86	15	<5	<3	4	<2	<2	<0.2	26	77	975	<5	141	148
5007104	Soil	0.12	<0.5	40	<2	98	26	<5	<3	4	<2	<2	<0.2	22	64	841	<5	115	127
5007105	Soil	<0.07	<0.5	33	<2	71	25	<5	<3	4	<2	<2	<0.2	23	69	884	<5	135	138
5007106	Soil	<0.07	<0.5	12	<2	45	11	<5	<3	4	<2	<2	<0.2	16	45	751	<5	117	140
5007107	Soil	<0.07	<0.5	11	2	48	14	<5	<3	4	<2	<2	<0.2	16	40	723	<5	104	125
5007108	Soil	<0.07	<0.5	51	<2	82	30	<5	<3	4	<2	<2	<0.2	29	74	984	<5	139	168
5007109	Soil	<0.07	<0.5	34	<2	76	25	<5	<3	4	<2	<2	<0.2	24	68	958	<5	133	148
5007110	Soil	0.77	<0.5	7856	9	144	7	25	<3	10	<2	<2	<0.2	12	18	560	<5	42	93
5007111	Soil	0.08	<0.5	25	<2	134	22	<5	<3	4	<2	<2	<0.2	20	60	832	<5	120	154
5007112	Soil	0.23	<0.5	92	<2	321	107	<5	<3	4	<2	<2	<0.2	29	63	1348	<5	111	161
5007113	Soil	<0.07	<0.5	87	<2	292	156	<5	<3	5	<2	<2	<0.2	31	86	1143	<5	155	170
5007114	Soil	<0.07	<0.5	11	<2	63	13	<5	<3	3	<2	<2	<0.2	20	52	693	<5	131	165
5007115	Soil	<0.07	<0.5	11	<2	45	23	<5	<3	4	<2	<2	<0.2	18	54	653	<5	129	157
5007116	Soil	<0.07	<0.5	23	<2	66	<5	<5	<3	6	<2	<2	<0.2	18	28	487	9	66	128
5007117	Soil	<0.07	<0.5	43	<2	96	34	<5	<3	4	<2	<2	<0.2	21	43	795	<5	121	150
5007118	Soil	0.09	<0.5	42	<2	102	57	<5	<3	5	<2	<2	<0.2	24	63	700	<5	133	167
5007119	Soil	<0.07	<0.5	46	<2	85	37	<5	<3	5	<2	<2	<0.2	23	49	689	<5	128	149
5007120	Soil	0.12	<0.5	61	<2	102	34	<5	<3	3	<2	<2	<0.2	28	65	803	<5	129	157
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007082	888	37	124	94	15	0.71	9.24%	1.25	8.48%	1.61	1.79	1.59	0.16
5007083	190	27	139	92	8	1.06	6.34%	0.81	1.11	0.38	1.69	1.57	0.04
5007084	346	28	150	64	13	0.84	7.82%	1.56	3.21	1.05	1.55	1.81	0.06
5007085	1973	28	141	37	19	0.43	6.28%	2.54	4.87	1.36	0.95	1.17	0.16
5007086	739	18	292	20	14	0.38	7.78%	3.15	3.99	1.45	0.88	2.52	0.06
5007087	334	28	139	97	12	0.77	6.80%	1.08	3.40	0.71	1.72	1.58	0.20
5007088	336	28	162	80	11	0.93	7.39%	1.24	2.45	0.65	1.96	1.77	0.05
5007089	738	34	160	55	14	0.52	6.81%	1.46	4.82	1.19	1.28	1.38	0.13
5007090	1409	37	153	51	19	0.54	7.22%	2.32	5.61%	1.46	1.28	1.28	0.18
5007091	706	32	172	61	14	0.62	7.64%	1.90	5.19%	1.23	1.58	1.71	0.17
5007092	759	36	180	65	15	0.64	8.14%	2.02	5.46%	1.34	1.67	1.81	0.18
5007093	1828	36	138	50	21	0.61	8.67%	2.15	7.37%	1.87	1.58	1.40	0.15
5007094	868	29	152	27	16	0.57	6.92%	2.25	5.15%	1.57	1.16	1.56	0.08
5007095	1172	34	168	31	21	0.56	7.44%	2.39	5.35%	1.93	1.16	1.69	0.08
5007096	1773	32	162	31	22	0.55	7.45%	2.47	5.24%	1.75	1.06	1.56	0.08
5007097	1411	29	177	29	19	0.53	6.78%	2.50	4.41	1.56	1.01	1.58	0.08
5007098	1368	28	146	31	19	0.55	8.56%	2.85	6.03%	2.18	0.97	1.76	0.09
5007099	786	30	180	30	19	0.53	7.19%	2.78	4.64	1.76	1.13	1.67	0.10
5007100	1314	34	203	33	19	0.59	7.54%	2.75	4.87	1.86	1.29	1.94	0.08
5007101	692	32	203	30	17	0.57	7.18%	2.58	4.23	1.78	1.32	2.02	0.08
5007102	658	31	208	31	16	0.53	7.38%	2.45	4.20	1.69	1.37	2.00	0.07
5007103	692	35	202	36	16	0.51	7.87%	2.65	4.40	1.76	1.55	1.85	0.09
5007104	592	30	191	29	13	0.38	6.90%	2.23	3.90	1.29	1.36	1.52	0.10
5007105	664	32	193	29	13	0.45	7.12%	2.14	4.14	1.48	1.46	1.75	0.08
5007106	418	29	185	29	13	0.49	6.66%	2.05	3.00	1.18	1.31	1.75	0.05
5007107	385	30	175	47	11	0.55	6.69%	1.64	2.97	1.00	1.52	1.70	0.09
5007108	1151	35	185	28	18	0.48	6.83%	2.32	4.59	1.59	1.19	1.52	0.08
5007109	808	32	180	30	15	0.50	7.86%	2.32	4.65	1.76	1.46	1.84	0.08
5007110	1251	29	321	10	7	0.16	7.15%	3.21	8.98%	1.17	2.55	1.18	0.07
5007111	494	29	172	34	15	0.45	6.90%	1.92	4.01	1.42	1.12	1.58	0.10
5007112	1567	35	131	43	20	0.49	7.99%	2.38	6.36%	1.64	1.24	1.37	0.14
5007113	934	42	124	40	22	0.49	7.97%	1.67	6.74%	1.84	1.11	1.23	0.14
5007114	599	27	186	28	15	0.57	6.70%	2.27	3.62	1.32	1.14	1.73	0.04
5007115	483	28	155	35	13	0.56	6.42%	2.09	4.70	1.48	1.21	1.58	0.08
5007116	755	19	298	23	14	0.38	7.88%	3.12	4.04	1.43	0.92	2.48	0.06
5007117	575	36	173	86	13	0.73	7.76%	2.11	5.40%	1.24	1.74	1.96	0.13
5007118	681	34	146	66	15	0.57	7.44%	1.56	6.70%	1.36	1.35	1.51	0.16
5007119	600	39	151	105	17	0.80	8.85%	1.98	6.76%	1.22	1.85	1.89	0.15
5007120	1618	34	180	41	19	0.57	7.05%	2.45	5.02%	1.50	1.16	1.65	0.11
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Print: Oct 23, 2008 Page 4 of 20
Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007121	Soil	<0.07	<0.5	20	<2	41	30	<5	6	4	<2	<2	<0.2	21	26	802	<5	103	203
5007122	Soil	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5007123	Soil	0.16	<0.5	91	18	129	232	12	<3	<1	<2	<2	<0.2	40	64	982	<5	106	168
5007124	Soil	<0.07	<0.5	32	20	74	85	15	10	11	<2	<2	<0.2	30	7	764	12	88	157
5007125	Soil	<0.07	<0.5	41	<2	131	75	13	7	3	<2	<2	<0.2	46	37	858	7	105	162
5007126	Soil	<0.07	<0.5	61	4	46	20	6	<3	9	<2	<2	<0.2	40	9	618	24	88	136
5007127	Soil	<0.07	<0.5	52	<2	29	51	<5	10	22	<2	<2	<0.2	31	7	777	<5	83	182
5007128	Soil	<0.07	<0.5	31	<2	56	74	18	5	11	<2	<2	<0.2	41	27	1059	13	101	210
5007129	Soil	<0.07	<0.5	27	16	41	29	<5	8	6	<2	<2	<0.2	28	20	777	19	98	170
5007130	Soil	0.76	<0.5	7202	4	152	18	43	9	12	<2	<2	<0.2	22	11	672	<5	34	110
5007131	Soil	<0.07	<0.5	50	4	59	<5	9	9	7	<2	<2	<0.2	43	23	815	<5	95	162
5007132	Soil	<0.07	<0.5	16	<2	36	26	13	8	4	<2	<2	<0.2	28	29	827	17	106	155
5007133	Soil	0.15	<0.5	52	28	58	64	21	7	6	<2	<2	<0.2	32	66	962	12	155	182
5007134	Soil	<0.07	<0.5	30	<2	65	67	<5	10	<1	<2	<2	<0.2	50	38	651	12	131	150
5007135	Soil	<0.07	<0.5	23	<2	47	9	7	4	<1	<2	<2	<0.2	37	34	734	<5	119	193
5007136	Soil	<0.07	<0.5	55	<2	64	6	<5	5	9	<2	<2	<0.2	28	24	563	16	76	146
5007137	Soil	<0.07	<0.5	37	13	41	18	25	9	5	<2	<2	<0.2	45	34	879	<5	97	154
5007138	Soil	0.08	<0.5	87	<2	286	118	<5	<3	7	<2	<2	<0.2	35	72	1122	10	112	153
5007139	Soil	<0.07	<0.5	53	<2	95	31	14	10	11	<2	<2	<0.2	55	80	962	12	163	185
5007140	Soil	<0.07	<0.5	4	21	31	19	<5	<3	6	<2	<2	<0.2	20	13	861	<5	80	167
5007141	Soil	<0.07	<0.5	28	<2	71	47	10	<3	9	<2	<2	<0.2	34	29	884	<5	118	161
5007142	Soil	<0.07	<0.5	19	5	44	33	<5	<3	12	<2	<2	<0.2	33	21	865	14	101	157
5007143	Soil	<0.07	<0.5	19	<2	47	29	18	<3	6	<2	<2	<0.2	33	41	945	13	137	231
5007144	Soil	<0.07	<0.5	29	16	55	44	20	5	6	<2	<2	<0.2	36	46	822	<5	149	192
5007145	Soil	<0.07	<0.5	23	9	32	<5	<5	8	<1	<2	<2	<0.2	48	13	837	<5	93	158
5007146	Soil	<0.07	<0.5	30	3	34	<5	29	6	17	<2	<2	<0.2	27	9	702	18	76	107
5007147	Soil	<0.07	<0.5	27	<2	45	17	26	7	3	<2	<2	<0.2	34	27	888	17	112	143
5007148	Soil	<0.07	<0.5	54	<2	100	49	<5	7	9	<2	<2	<0.2	40	73	1198	13	163	200
5007149	Soil	<0.07	<0.5	62	<2	81	46	13	9	3	<2	<2	<0.2	47	68	1178	<5	142	190
5007150	Soil	0.82	<0.5	7555	23	157	<5	63	5	12	<2	<2	<0.2	43	16	718	<5	44	106
5007151	Soil	<0.07	<0.5	17	<2	44	23	<5	9	<1	<2	<2	<0.2	50	11	1098	21	94	184
5007152	Soil	<0.07	<0.5	12	13	32	14	19	15	9	<2	<2	<0.2	58	5	674	20	42	177
5007153	Soil	0.23	<0.5	68	13	54	431	23	<3	<1	<2	<2	<0.2	48	15	1022	15	81	174
5007154	Soil	<0.07	<0.5	30	<2	50	62	10	11	5	<2	<2	<0.2	35	25	1279	11	112	228
5007155	Soil	<0.07	<0.5	99	28	70	37	7	8	8	<2	<2	<0.2	33	26	1126	11	98	167
5007156	Soil	<0.07	<0.5	27	<2	64	<5	18	10	7	<2	<2	<0.2	33	30	550	7	72	138
5007157	Soil	<0.07	<0.5	20	<2	62	29	<5	<3	12	<2	<2	<0.2	30	27	637	<5	125	180
5007158	Soil	<0.07	<0.5	24	15	55	39	16	<3	2	<2	<2	<0.2	38	27	872	22	116	174
5007159	Soil	<0.07	<0.5	17	22	40	191	19	<3	12	<2	<2	<0.2	36	18	772	14	100	180
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [425510291580102308001]

Print: Oct 23, 2008 In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007121	504	13	171	55	14	0.60	6.31%	1.58	3.91	1.06	1.31	1.33	0.09
5007122	—	—	—	—	—	—	—	—	—	—	—	—	—
5007123	2498	25	172	95	21	0.53	7.14%	1.61	6.01%	0.96	1.31	1.29	0.27
5007124	466	21	188	129	12	0.81	6.95%	1.22	2.85	0.60	1.81	1.87	0.13
5007125	830	19	174	124	15	0.65	7.23%	1.65	5.61%	1.15	1.57	1.66	0.17
5007126	299	17	126	159	10	0.81	5.67%	0.83	4.68	0.45	1.27	1.16	0.09
5007127	312	23	157	140	11	0.86	6.06%	1.05	2.52	0.49	1.73	1.48	0.11
5007128	683	11	158	47	17	0.59	6.62%	1.59	4.72	1.43	1.19	1.52	0.06
5007129	462	19	159	49	15	0.56	5.87%	1.58	3.72	0.96	1.12	1.30	0.09
5007130	1167	<2	344	9	7	0.16	6.58%	3.03	8.36%	1.09	2.36	1.09	0.07
5007131	521	21	191	100	14	0.71	6.51%	1.62	3.59	0.83	1.53	1.64	0.11
5007132	354	15	181	68	13	0.69	6.00%	1.67	2.04	0.78	1.39	1.63	0.05
5007133	595	17	189	72	17	0.60	7.05%	1.95	4.23	1.37	1.36	1.55	0.11
5007134	557	18	163	70	13	0.54	7.28%	1.40	6.75%	1.04	1.13	1.34	0.06
5007135	553	17	194	99	13	0.76	6.95%	1.61	4.87	1.03	1.41	1.65	0.06
5007136	860	12	344	47	18	0.41	8.17%	3.39	4.24	1.55	0.98	2.64	0.07
5007137	376	20	244	68	15	0.57	6.50%	1.88	2.32	0.84	1.35	1.71	0.08
5007138	1143	28	143	61	23	0.38	6.51%	2.27	4.84	1.33	1.01	1.01	0.18
5007139	742	18	199	43	19	0.58	7.31%	2.19	5.08%	1.73	1.22	1.71	0.07
5007140	341	22	190	80	12	0.78	6.55%	1.29	2.10	0.66	1.76	1.61	0.05
5007141	533	24	220	105	14	0.72	7.86%	1.59	4.25	1.10	1.82	1.95	0.08
5007142	450	22	216	68	14	0.61	6.86%	1.64	3.09	0.89	1.60	1.74	0.08
5007143	402	14	165	80	18	0.78	7.62%	1.40	2.96	0.97	1.49	1.50	0.13
5007144	470	15	170	59	14	0.71	6.84%	1.33	3.29	0.98	1.35	1.43	0.08
5007145	323	20	179	89	14	0.67	6.58%	1.47	2.05	0.65	1.43	1.56	0.11
5007146	266	25	187	129	10	0.66	6.30%	1.11	1.97	0.50	1.60	1.61	0.15
5007147	463	20	221	39	15	0.46	6.43%	1.96	2.80	1.09	1.42	1.76	0.06
5007148	1061	22	207	45	20	0.51	7.82%	2.03	5.28%	1.80	1.43	1.81	0.09
5007149	1071	30	226	47	20	0.57	7.36%	2.46	4.59	1.71	1.50	1.79	0.10
5007150	1222	<2	360	14	8	0.16	6.80%	3.22	8.68%	1.17	2.47	1.16	0.07
5007151	517	22	212	74	16	0.78	7.19%	2.10	2.90	0.94	1.63	1.82	0.10
5007152	357	18	305	106	12	0.86	6.96%	1.67	2.31	0.53	1.46	1.91	0.09
5007153	407	15	170	66	13	0.57	6.24%	1.19	4.51	0.70	1.61	1.29	0.12
5007154	600	15	173	44	21	0.73	6.50%	2.42	3.32	1.23	1.02	1.45	0.05
5007155	650	34	236	97	19	0.73	7.36%	2.21	3.31	0.92	1.71	1.88	0.09
5007156	850	2	336	43	17	0.40	7.93%	3.33	4.13	1.49	0.94	2.53	0.07
5007157	517	16	150	138	13	0.79	7.05%	1.22	7.21%	0.87	1.46	1.48	0.07
5007158	453	20	188	125	14	0.85	7.19%	1.47	3.71	0.82	1.76	1.82	0.10
5007159	405	17	162	110	12	0.80	6.13%	1.22	3.91	0.72	1.54	1.48	0.12
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08. 2008

Print: Oct 23. 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007160	Soil	0.11	<0.5	95	<2	159	100	<5	<3	5	<2	<2	<0.2	22	59	922	<5	109	138
5007161	Soil	0.08	<0.5	72	<2	255	85	<5	<3	4	<2	<2	<0.2	28	52	1276	<5	114	173
5007162	Soil	<0.07	<0.5	72	17	263	89	<5	<3	5	<2	<2	<0.2	27	53	1297	<5	113	164
5007163	Soil	0.07	<0.5	108	<2	155	78	<5	<3	6	<2	<2	<0.2	33	127	887	<5	179	242
5007164	Soil	<0.07	<0.5	<1	7	39	17	<5	<3	5	<2	<2	<0.2	18	17	660	<5	80	141
5007165	Soil	<0.07	<0.5	64	5	272	73	<5	<3	8	<2	<2	<0.2	25	81	768	5	148	264
5007166	Soil	<0.07	<0.5	37	<2	130	37	<5	<3	7	<2	<2	<0.2	22	64	611	12	134	160
5007167	Soil	<0.07	<0.5	65	18	42	18	<5	<3	4	<2	<2	<0.2	17	21	623	<5	62	124
5007168	Soil	<0.07	<0.5	74	<2	157	107	<5	<3	7	<2	<2	<0.2	22	61	694	<5	124	166
5007169	Soil	<0.07	<0.5	12	21	48	42	<5	<3	4	<2	<2	<0.2	15	11	681	<5	75	118
5007170	Soil	0.75	<0.5	7622	7	144	<5	20	<3	10	<2	<2	<0.2	12	18	525	<5	40	91
5007171	Soil	<0.07	<0.5	32	6	64	13	<5	<3	5	<2	<2	<0.2	17	19	587	<5	85	115
5007172	Soil	<0.07	<0.5	58	<2	84	101	<5	<3	4	<2	<2	<0.2	24	55	843	<5	106	142
5007173	Soil	<0.07	<0.5	20	<2	48	17	<5	<3	4	<2	<2	<0.2	17	42	788	<5	102	129
5007174	Soil	<0.07	<0.5	20	<2	52	16	<5	<3	4	<2	<2	<0.2	16	38	821	<5	95	128
5007175	Soil	<0.07	3.8	55	<2	111	23	<5	<3	4	<2	<2	<0.2	17	35	745	<5	82	99
5007176	Soil	<0.07	<0.5	23	<2	64	<5	<5	<3	6	<2	<2	<0.2	19	27	476	10	63	124
5007177	Soil	<0.07	<0.5	66	<2	103	30	<5	<3	3	<2	<2	<0.2	17	34	703	<5	79	92
5007178	Soil	<0.07	<0.5	50	<2	100	29	<5	<3	3	<2	<2	<0.2	18	34	715	<5	82	99
5007179	Soil	<0.07	<0.5	74	<2	78	24	<5	<3	3	<2	<2	<0.2	14	30	603	<5	69	73
5007180	Soil	<0.07	<0.5	66	<2	80	25	<5	<3	4	<2	<2	<0.2	21	49	855	<5	110	131
5007181	Soil	<0.07	<0.5	36	<2	66	12	<5	<3	3	<2	<2	<0.2	19	39	816	<5	98	116
5007182	Soil	<0.07	<0.5	41	<2	69	13	<5	<3	3	<2	<2	<0.2	19	41	822	<5	101	117
5007183	Soil	<0.07	<0.5	55	<2	74	11	<5	<3	4	<2	<2	<0.2	20	50	922	<5	113	131
5007184	Soil	<0.07	<0.5	33	<2	96	55	<5	<3	5	<2	<2	<0.2	21	39	782	<5	94	121
5007185	Soil	<0.07	<0.5	27	<2	56	9	<5	<3	4	<2	<2	<0.2	18	39	925	<5	96	118
5007186	Soil	<0.07	<0.5	17	<2	59	<5	<5	<3	5	<2	<2	<0.2	15	33	908	<5	87	118
5007187	Soil	<0.07	<0.5	13	<2	54	<5	<5	<3	4	<2	<2	<0.2	14	27	844	<5	78	110
5007188	Soil	<0.07	<0.5	32	<2	117	17	<5	<3	7	<2	<2	<0.2	22	48	1122	<5	114	163
5007189	Soil	<0.07	<0.5	27	<2	112	13	<5	<3	7	<2	<2	<0.2	17	42	925	<5	103	144
5007190	Soil	0.77	<0.5	7522	9	147	<5	24	<3	11	<2	<2	<0.2	12	18	403	<5	42	92
5007191	Soil	<0.07	<0.5	22	<2	60	5	<5	<3	4	<2	<2	<0.2	15	36	923	<5	91	112
5007192	Soil	<0.07	<0.5	39	<2	75	23	<5	<3	4	<2	<2	<0.2	20	41	816	<5	97	120
5007193	Soil	<0.07	<0.5	21	<2	83	11	<5	<3	4	<2	<2	<0.2	18	40	906	<5	98	126
5007194	Soil	<0.07	<0.5	47	<2	86	12	<5	<3	4	<2	<2	<0.2	21	49	913	<5	107	126
5007195	Soil	<0.07	<0.5	38	<2	63	14	<5	<3	3	<2	<2	<0.2	19	44	849	<5	102	121
5007196	Soil	<0.07	<0.5	27	<2	69	<5	<5	<3	6	<2	<2	<0.2	18	28	477	8	64	123
5007197	Soil	<0.07	<0.5	103	<2	125	40	<5	<3	4	<2	<2	<0.2	22	63	803	<5	108	122
5007198	Soil	<0.07	<0.5	42	<2	88	19	<5	<3	4	<2	<2	<0.2	25	54	864	<5	118	144
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007160	778	35	170	44	18	0.47	7.23%	2.22	5.15%	1.24	1.26	1.48	0.15
5007161	1323	35	145	43	19	0.49	7.57%	2.00	5.80%	1.66	1.27	1.33	0.13
5007162	1317	36	139	41	19	0.49	7.75%	2.08	5.89%	1.67	1.31	1.36	0.13
5007163	944	35	39	30	21	0.41	8.40%	0.39	10%	1.83	0.76	0.37	0.18
5007164	273	26	162	63	10	0.86	6.77%	1.37	2.01	0.69	1.58	1.73	0.06
5007165	587	35	74	72	15	0.59	9.34%	0.57	8.02%	1.42	1.46	0.83	0.12
5007166	458	32	124	78	11	0.61	8.25%	0.93	6.29%	1.13	1.48	1.40	0.07
5007167	331	32	160	65	12	0.72	7.51%	1.90	2.56	0.72	1.55	1.80	0.16
5007168	595	33	147	72	11	0.63	8.50%	1.30	6.42%	1.32	1.71	1.63	0.08
5007169	302	29	189	68	8	0.74	7.30%	1.32	2.31	0.57	2.05	2.01	0.05
5007170	1190	27	310	9	6	0.15	6.87%	3.06	8.61%	1.14	2.43	1.13	0.06
5007171	371	30	170	93	8	0.69	6.61%	1.49	3.53	0.68	1.69	1.72	0.12
5007172	1228	36	181	33	14	0.43	6.86%	2.17	4.15	1.38	1.45	1.58	0.09
5007173	426	28	176	26	13	0.42	6.47%	1.81	3.03	1.14	1.33	1.63	0.07
5007174	426	27	189	29	12	0.48	7.48%	2.05	3.46	1.26	1.58	1.86	0.09
5007175	593	31	199	34	16	0.39	7.05%	3.30	3.91	1.19	1.41	1.67	0.12
5007176	742	18	294	22	14	0.40	8.43%	3.39	4.32	1.57	0.88	2.68	0.06
5007177	654	30	194	33	16	0.32	6.08%	3.34	3.45	0.99	1.12	1.34	0.13
5007178	643	29	197	34	17	0.34	6.33%	2.48	3.46	1.02	1.22	1.46	0.13
5007179	486	26	168	30	14	0.26	4.84	4.15	2.82	0.89	0.75	0.97	0.11
5007180	750	32	175	37	18	0.41	7.19%	2.61	4.36	1.50	1.31	1.58	0.13
5007181	496	33	218	31	15	0.42	6.81%	2.47	3.32	1.21	1.42	1.78	0.10
5007182	497	32	207	32	16	0.44	7.32%	2.66	3.69	1.34	1.47	1.83	0.11
5007183	553	31	181	36	16	0.43	7.69%	2.22	3.86	1.52	1.42	1.76	0.10
5007184	1736	45	169	36	15	0.39	6.83%	1.87	11%	1.18	1.24	1.55	0.11
5007185	513	35	220	30	13	0.40	7.57%	2.13	3.53	1.38	1.65	1.98	0.08
5007186	369	33	185	39	11	0.41	7.79%	1.46	3.23	1.21	1.77	1.81	0.06
5007187	488	31	177	35	10	0.34	6.81%	1.23	2.85	0.96	1.68	1.66	0.10
5007188	1556	65	148	46	15	0.42	7.71%	1.62	4.46	1.42	1.93	1.23	0.10
5007189	1253	43	146	43	12	0.31	7.48%	1.38	3.83	1.26	1.90	1.33	0.10
5007190	1169	28	314	9	6	0.15	6.79%	3.02	8.44%	1.13	2.45	1.15	0.06
5007191	437	33	228	34	11	0.37	7.35%	1.70	3.19	1.17	1.67	1.96	0.07
5007192	423	30	179	35	14	0.37	6.71%	1.76	4.09	1.17	1.23	1.58	0.09
5007193	522	32	194	36	12	0.43	7.67%	1.98	3.91	1.36	1.65	1.79	0.06
5007194	788	37	204	37	15	0.41	7.32%	2.07	3.78	1.40	1.52	1.77	0.09
5007195	598	37	226	38	13	0.46	7.53%	2.40	3.84	1.42	1.69	2.08	0.08
5007196	742	18	294	23	14	0.40	8.18%	3.30	4.17	1.56	0.89	2.72	0.06
5007197	746	33	148	52	18	0.35	7.13%	2.51	5.10%	1.27	1.17	1.04	0.18
5007198	618	36	201	34	17	0.51	7.59%	2.39	4.23	1.60	1.44	1.84	0.09
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [425510291580102308001] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007199	Soil	<0.07	<0.5	94	<2	74	35	<5	<3	3	<2	<2	<0.2	14	39	624	<5	64	69
5007200	Soil	<0.07	<0.5	20	<2	56	17	<5	<3	5	<2	<2	<0.2	19	28	831	<5	88	133
5007201	Soil	<0.07	<0.5	48	<2	87	18	<5	<3	4	<2	<2	<0.2	20	42	869	<5	92	115
5007202	Soil	<0.07	<0.5	46	<2	93	24	<5	<3	4	<2	<2	<0.2	22	47	964	<5	102	128
5007203	Soil	<0.07	<0.5	44	<2	71	10	<5	<3	4	<2	<2	<0.2	19	36	832	<5	88	112
5007204	Soil	0.07	<0.5	40	<2	81	14	<5	<3	4	<2	<2	<0.2	23	49	971	<5	105	134
5007205	Soil	<0.07	<0.5	16	<2	62	8	<5	<3	5	<2	<2	<0.2	15	27	708	<5	88	109
5007206	Soil	<0.07	<0.5	4	3	32	7	<5	<3	4	<2	<2	<0.2	15	15	668	<5	73	142
5007207	Soil	<0.07	<0.5	53	<2	108	20	<5	<3	5	<2	<2	<0.2	21	39	716	<5	97	114
5007208	Soil	<0.07	<0.5	39	<2	67	12	<5	<3	4	<2	<2	<0.2	24	43	1226	<5	91	143
5007209	Soil	<0.07	<0.5	27	<2	64	13	<5	<3	4	<2	<2	<0.2	21	48	843	<5	105	127
5007210	Soil	0.76	<0.5	7906	9	145	<5	26	<3	10	<2	<2	<0.2	13	18	499	<5	41	92
5007211	Soil	<0.07	<0.5	27	<2	58	12	<5	<3	3	<2	<2	<0.2	17	38	826	<5	90	112
5007212	Soil	<0.07	<0.5	108	<2	90	24	<5	<3	3	<2	<2	<0.2	19	46	636	<5	71	74
5007213	Soil	<0.07	<0.5	23	<2	57	6	<5	<3	4	<2	<2	<0.2	17	37	897	<5	91	113
5007214	Soil	<0.07	<0.5	24	<2	64	11	<5	<3	5	<2	<2	<0.2	20	39	924	<5	94	123
5007215	Soil	<0.07	<0.5	28	<2	71	8	<5	<3	5	<2	<2	<0.2	20	38	899	<5	88	122
5007216	Soil	<0.07	<0.5	24	<2	68	<5	<5	<3	6	<2	<2	<0.2	19	29	500	9	67	131
5007217	Soil	<0.07	<0.5	38	<2	103	13	<5	<3	8	<2	<2	<0.2	18	46	973	<5	100	144
5007218	Soil	<0.07	<0.5	43	<2	69	14	<5	<3	3	<2	<2	<0.2	21	37	835	<5	93	123
5007219	Soil	<0.07	<0.5	45	<2	78	22	<5	<3	4	<2	<2	<0.2	24	46	977	<5	109	150
5007220	Soil	<0.07	<0.5	43	<2	63	30	<5	<3	4	<2	<2	<0.2	21	37	883	<5	105	136
5007221	Soil	0.13	<0.5	82	<2	59	34	<5	<3	3	<2	<2	<0.2	17	36	777	<5	81	96
5007222	Soil	<0.07	<0.5	67	<2	63	31	<5	<3	3	<2	<2	<0.2	18	39	802	<5	87	105
5007223	Soil	<0.07	<0.5	58	<2	93	58	<5	<3	4	<2	<2	<0.2	23	45	970	<5	111	137
5007224	Soil	<0.07	<0.5	42	<2	67	28	<5	<3	4	<2	<2	<0.2	25	51	1268	<5	120	155
5007225	Soil	0.08	<0.5	104	<2	125	99	<5	<3	5	<2	<2	<0.2	25	50	971	<5	115	144
5007226	Soil	<0.07	<0.5	73	<2	120	73	<5	<3	5	<2	<2	<0.2	24	42	869	<5	102	139
5007501	Soil	<0.07	<0.5	58	<2	125	52	<5	<3	5	<2	<2	<0.2	27	47	1206	<5	121	173
5007502	Soil	<0.07	<0.5	64	<2	127	52	<5	<3	4	<2	<2	<0.2	27	48	1195	<5	121	174
5007503	Soil	<0.07	<0.5	35	<2	75	17	<5	<3	6	<2	<2	<0.2	26	41	706	<5	117	173
5007504	Soil	<0.07	<0.5	28	<2	58	25	<5	<3	4	<2	<2	<0.2	20	40	832	<5	111	145
5007505	Soil	<0.07	<0.5	7	<2	38	13	<5	<3	4	<2	<2	<0.2	14	24	737	<5	92	134
5007506	Soil	<0.07	<0.5	12	<2	60	58	<5	<3	5	<2	<2	<0.2	29	35	834	<5	141	292
5007507	Soil	<0.07	<0.5	13	<2	55	38	<5	<3	4	<2	<2	<0.2	20	27	878	<5	113	168
5007508	Soil	<0.07	<0.5	9	<2	64	28	<5	<3	5	<2	<2	<0.2	22	22	635	<5	108	239
5007509	Soil	<0.07	<0.5	61	<2	106	47	<5	<3	4	<2	<2	<0.2	22	39	1181	<5	106	160
5007510	Soil	0.77	<0.5	7884	8	154	<5	26	<3	12	<2	<2	<0.2	13	19	415	<5	44	98
5007511	Soil	0.08	<0.5	80	<2	130	76	<5	<3	4	<2	<2	<0.2	28	52	1300	<5	117	167
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [425510291580102308001] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007199	3172	30	161	22	15	0.17	4.67	4.02	3.31	0.65	0.49	0.55	0.21
5007200	508	31	203	43	11	0.56	6.96%	1.95	3.17	1.03	1.64	1.78	0.07
5007201	767	32	196	34	14	0.40	7.19%	2.81	4.18	1.37	1.50	1.65	0.11
5007202	857	33	202	39	15	0.42	7.64%	2.27	4.53	1.52	1.59	1.74	0.10
5007203	599	33	224	36	13	0.44	7.51%	2.53	3.77	1.22	1.61	1.91	0.09
5007204	750	36	209	32	14	0.47	7.53%	2.29	4.17	1.58	1.61	1.90	0.09
5007205	410	33	210	35	10	0.45	7.59%	1.84	4.28	1.16	1.62	1.95	0.09
5007206	293	28	162	55	8	0.63	5.66%	1.14	2.71	0.68	1.50	1.49	0.04
5007207	865	33	177	63	13	0.45	6.85%	2.73	4.63	1.10	1.38	1.39	0.15
5007208	782	47	291	39	14	0.51	7.71%	2.77	4.14	1.73	1.63	1.89	0.10
5007209	632	31	200	28	13	0.41	6.57%	2.23	3.63	1.38	1.31	1.62	0.07
5007210	1241	29	310	9	7	0.16	7.14%	3.20	8.93%	1.20	2.58	1.20	0.06
5007211	571	27	199	29	12	0.38	6.78%	2.53	3.46	1.34	1.39	1.68	0.08
5007212	2771	29	119	35	18	0.20	4.34	3.79	3.39	0.72	0.52	0.40	0.18
5007213	548	35	267	32	11	0.37	7.16%	2.05	3.18	1.18	1.68	2.12	0.07
5007214	588	34	223	33	13	0.43	8.02%	2.05	3.74	1.32	1.70	2.01	0.08
5007215	463	35	212	33	12	0.35	6.99%	1.83	3.24	1.09	1.61	1.72	0.10
5007216	784	19	310	25	15	0.40	8.35%	3.37	4.26	1.58	0.94	2.72	0.06
5007217	820	47	173	42	13	0.31	7.38%	1.48	3.61	1.23	1.83	1.41	0.10
5007218	773	29	173	28	15	0.38	5.58%	2.67	3.35	1.28	1.02	1.40	0.10
5007219	742	34	186	30	19	0.50	7.22%	2.82	4.45	1.78	1.33	1.77	0.09
5007220	717	34	202	31	18	0.51	7.40%	2.97	4.19	1.49	1.39	1.85	0.11
5007221	620	30	166	29	17	0.28	5.09%	2.66	3.18	0.95	0.84	1.08	0.17
5007222	524	29	175	29	17	0.34	6.01%	2.41	3.58	1.14	0.96	1.37	0.13
5007223	937	37	189	39	21	0.45	6.85%	2.61	4.53	1.31	1.33	1.49	0.15
5007224	813	38	191	31	18	0.50	6.87%	2.51	4.20	1.69	1.31	1.73	0.09
5007225	1340	40	169	57	29	0.43	7.59%	2.43	5.61%	1.27	1.39	1.32	0.23
5007226	869	33	154	55	19	0.44	6.96%	2.66	5.56%	1.14	1.18	1.30	0.14
5007501	894	38	174	42	22	0.48	7.58%	2.25	5.27%	1.54	1.34	1.51	0.13
5007502	959	38	177	42	22	0.46	7.59%	2.16	5.15%	1.54	1.37	1.52	0.13
5007503	658	31	187	30	18	0.59	6.98%	2.66	4.07	1.56	1.09	1.55	0.10
5007504	570	30	175	27	15	0.45	6.55%	2.02	4.22	1.37	1.19	1.56	0.09
5007505	384	30	191	30	12	0.42	5.99%	1.65	3.24	1.06	1.30	1.61	0.05
5007506	941	36	152	46	18	0.91	8.12%	1.94	6.29%	1.52	1.33	1.75	0.09
5007507	552	33	187	45	13	0.61	6.84%	1.73	4.38	1.05	1.50	1.60	0.07
5007508	489	35	149	87	10	0.81	6.02%	1.27	5.36%	0.80	1.43	1.39	0.07
5007509	829	32	169	47	18	0.45	6.96%	2.47	4.50	1.32	1.27	1.38	0.15
5007510	1244	29	329	10	7	0.16	7.15%	3.20	8.92%	1.19	2.57	1.20	0.07
5007511	1380	37	167	53	20	0.49	8.12%	2.61	6.16%	1.58	1.43	1.55	0.16
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Project: 02
Ship#

712 Samples
712=Soil 37=Repeat 1=Blk iPL 1=Std iPL

Print: Oct 23, 2008 In: Sep 08, 2008
[42551029158010230800 1]

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007512	Soil	<0.07	<0.5	36	<2	76	49	<5	<3	4	<2	<2	<0.2	21	31	847	<5	103	149
5007513	Soil	0.07	<0.5	60	<2	84	55	<5	<3	4	<2	<2	<0.2	24	36	828	<5	107	134
5007514	Soil	<0.07	<0.5	25	<2	66	39	<5	<3	3	<2	<2	<0.2	21	37	822	<5	108	142
5007515	Soil	<0.07	<0.5	86	<2	103	29	<5	<3	5	<2	<2	<0.2	24	51	927	<5	129	142
5007516	Soil	<0.07	<0.5	27	<2	71	<5	<5	<3	6	<2	<2	<0.2	19	29	527	9	69	137
5007517	Soil	<0.07	<0.5	20	<2	58	20	<5	<3	3	<2	<2	<0.2	20	37	912	<5	103	133
5007518	Soil	<0.07	<0.5	28	<2	74	22	<5	<3	4	<2	<2	<0.2	22	41	900	<5	112	149
5007519	Soil	<0.07	<0.5	22	<2	47	30	<5	<3	4	<2	<2	<0.2	20	32	846	<5	108	172
5007520	Soil	<0.07	<0.5	13	<2	41	17	<5	<3	3	<2	<2	<0.2	18	26	792	<5	91	172
5007521	Soil	<0.07	<0.5	43	<2	59	27	<5	<3	4	<2	<2	<0.2	22	44	856	<5	104	147
5007522	Soil	<0.07	<0.5	58	<2	64	34	<5	<3	4	<2	<2	<0.2	24	48	884	<5	105	149
5007523	Soil	<0.07	<0.5	24	<2	48	16	<5	<3	3	<2	<2	<0.2	20	37	767	<5	100	143
5007524	Soil	<0.07	<0.5	48	<2	129	34	<5	<3	5	<2	<2	<0.2	24	45	981	<5	108	145
5007525	Soil	<0.07	<0.5	51	<2	122	22	<5	<3	5	<2	<2	<0.2	22	68	1077	<5	115	132
5007526	Soil	<0.07	<0.5	31	<2	100	22	<5	<3	6	<2	<2	<0.2	26	63	974	<5	129	142
5007527	Soil	<0.07	<0.5	47	<2	82	21	<5	<3	4	<2	<2	<0.2	27	62	1141	<5	122	152
5007528	Soil	<0.07	<0.5	41	<2	65	12	<5	<3	4	<2	<2	<0.2	24	50	1134	<5	107	143
5007529	Soil	<0.07	<0.5	23	<2	63	24	<5	<3	4	<2	<2	<0.2	20	56	760	<5	121	150
5007530	Soil	0.82	<0.5	7900	11	153	6	24	<3	11	<2	<2	<0.2	13	19	386	<5	43	96
5007531	Soil	<0.07	<0.5	13	<2	113	112	<5	<3	3	<2	<2	<0.2	80	1179	492	<5	1294	101
5007532	Soil	<0.07	<0.5	10	<2	41	24	<5	<3	4	<2	<2	<0.2	22	88	798	<5	152	134
5007533	Soil	<0.07	<0.5	11	<2	54	66	<5	<3	4	<2	<2	<0.2	26	286	704	<5	312	134
5007534	Soil	<0.07	<0.5	37	<2	89	15	<5	<3	5	<2	<2	<0.2	22	56	863	<5	105	123
5007535	Soil	<0.07	<0.5	33	<2	78	13	<5	<3	4	<2	<2	<0.2	22	48	1166	<5	109	146
5007536	Soil	<0.07	<0.5	24	<2	68	<5	<5	<3	6	<2	<2	<0.2	19	29	502	8	68	131
5007537	Soil	<0.07	<0.5	23	<2	62	15	<5	<3	4	<2	<2	<0.2	21	52	803	<5	128	142
5007538	Soil	<0.07	<0.5	20	<2	87	20	<5	<3	4	<2	<2	<0.2	22	43	744	<5	131	181
5007539	Soil	<0.07	<0.5	14	<2	52	8	<5	<3	4	<2	<2	<0.2	17	29	828	<5	94	132
5007540	Soil	<0.07	<0.5	34	<2	117	20	<5	<3	5	<2	<2	<0.2	20	45	832	<5	101	123
5007541	Soil	<0.07	<0.5	27	<2	77	14	<5	<3	4	<2	<2	<0.2	23	42	930	<5	106	137
5007542	Soil	<0.07	<0.5	29	<2	80	13	<5	<3	4	<2	<2	<0.2	24	43	944	<5	111	143
5007543	Soil	<0.07	<0.5	34	2	68	21	<5	<3	5	<2	<2	<0.2	23	42	981	<5	123	186
5007544	Soil	<0.07	<0.5	10	<2	61	16	<5	<3	5	<2	<2	<0.2	19	25	661	<5	107	177
5007545	Soil	<0.07	<0.5	66	<2	117	42	<5	<3	4	<2	<2	<0.2	25	50	985	<5	123	146
5007546	Soil	<0.07	<0.5	56	<2	92	44	<5	<3	4	<2	<2	<0.2	25	46	1085	<5	117	146
5007547	Soil	<0.07	<0.5	26	<2	78	32	<5	<3	4	<2	<2	<0.2	19	32	804	<5	107	171
5007548	Soil	<0.07	<0.5	27	<2	74	27	<5	<3	4	<2	<2	<0.2	19	32	757	<5	106	149
5007549	Soil	<0.07	<0.5	60	<2	101	42	<5	<3	4	<2	<2	<0.2	21	40	862	<5	104	136
5007550	Soil	0.77	<0.5	7759	10	155	7	26	<3	11	<2	<2	<0.2	13	19	533	<5	40	97
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Fax (604) 272-0851
Website www.ipl.ca

Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL

Print: Oct 23, 2008 [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007512	419	35	172	34	16	0.46	7.14%	2.49	4.51	1.12	0.99	1.53	0.09
5007513	741	28	156	35	18	0.36	6.06%	3.13	4.47	1.20	0.88	1.21	0.12
5007514	491	32	211	40	14	0.49	6.80%	2.30	4.05	1.24	1.29	1.78	0.05
5007515	423	38	188	74	26	0.58	8.36%	2.12	3.86	1.31	1.60	1.78	0.14
5007516	809	20	319	23	15	0.43	9.06%	3.71	4.62	1.73	0.98	2.95	0.07
5007517	577	34	233	33	14	0.50	7.03%	2.47	3.62	1.28	1.47	1.89	0.10
5007518	658	32	196	36	16	0.48	6.83%	2.39	3.92	1.39	1.25	1.73	0.10
5007519	544	26	161	28	15	0.54	6.30%	1.93	3.63	1.32	1.15	1.50	0.07
5007520	486	28	161	30	13	0.56	6.02%	1.62	3.92	1.03	1.20	1.41	0.05
5007521	673	33	195	33	17	0.50	6.75%	2.53	4.07	1.44	1.22	1.70	0.08
5007522	803	33	196	34	18	0.51	6.97%	2.52	4.29	1.46	1.28	1.71	0.08
5007523	590	31	196	25	15	0.50	6.50%	2.51	3.71	1.43	1.23	1.76	0.08
5007524	1301	35	184	36	19	0.44	6.94%	2.52	4.42	1.39	1.29	1.52	0.12
5007525	693	35	172	44	18	0.38	7.30%	2.12	4.59	1.41	1.25	1.32	0.17
5007526	669	39	197	58	16	0.51	8.56%	2.30	4.96	1.69	1.58	1.89	0.17
5007527	963	38	208	41	17	0.51	7.63%	2.60	4.50	1.76	1.45	1.84	0.10
5007528	723	36	209	35	15	0.51	7.63%	2.52	3.97	1.55	1.51	1.93	0.08
5007529	553	32	181	32	14	0.48	6.93%	2.20	4.38	1.51	1.33	1.71	0.08
5007530	1245	30	325	9	7	0.16	7.13%	3.25	8.95%	1.21	2.58	1.20	0.07
5007531	2079	38	102	38	12	0.37	4.31	0.79	7.94%	8.95	0.87	0.91	0.07
5007532	490	31	188	35	13	0.50	6.33%	1.82	2.99	1.23	1.35	1.67	0.05
5007533	441	30	159	36	11	0.44	5.95%	1.42	4.07	1.87	1.17	1.41	0.07
5007534	718	38	228	53	14	0.47	8.21%	2.11	4.55	1.39	1.74	2.06	0.13
5007535	708	33	192	32	15	0.45	7.36%	2.23	3.90	1.54	1.56	1.71	0.09
5007536	780	20	305	23	14	0.38	7.79%	3.20	3.97	1.51	0.93	2.63	0.06
5007537	602	37	210	28	14	0.46	6.76%	2.20	3.81	1.39	1.37	1.83	0.08
5007538	574	35	170	68	13	0.59	6.89%	1.65	5.35%	1.39	1.45	1.70	0.06
5007539	430	31	194	33	13	0.46	6.54%	1.96	3.16	1.17	1.41	1.81	0.05
5007540	652	33	179	49	15	0.41	6.53%	2.07	4.00	1.35	1.30	1.43	0.21
5007541	756	39	218	26	15	0.45	6.98%	2.18	3.64	1.46	1.47	1.77	0.05
5007542	771	40	221	33	15	0.50	7.78%	2.44	4.19	1.65	1.61	1.96	0.06
5007543	509	33	164	34	17	0.58	6.92%	2.15	3.89	1.36	1.24	1.32	0.09
5007544	502	34	177	56	10	0.60	6.09%	1.29	6.49%	0.85	1.46	1.51	0.06
5007545	978	38	194	52	22	0.45	7.56%	2.44	5.04%	1.43	1.34	1.65	0.14
5007546	869	33	183	41	22	0.46	7.36%	2.38	4.68	1.45	1.30	1.65	0.10
5007547	496	28	164	36	16	0.43	6.16%	1.60	3.78	1.13	1.07	1.55	0.07
5007548	480	30	163	32	16	0.43	6.24%	2.05	3.92	1.17	0.97	1.51	0.10
5007549	593	30	171	37	18	0.39	6.13%	2.91	4.00	1.19	1.05	1.36	0.11
5007550	1228	28	328	9	7	0.16	6.98%	3.24	8.75%	1.21	2.60	1.22	0.07
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02
Ship# **712 Samples**
712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008
Print: Oct 23, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007551	Soil	<0.07	<0.5	52	<2	106	48	<5	<3	4	<2	<2	<0.2	26	46	921	<5	119	157
5007552	Soil	0.08	<0.5	29	<2	151	62	<5	<3	5	<2	<2	<0.2	22	36	736	<5	110	150
5007553	Soil	<0.07	<0.5	106	<2	85	82	<5	<3	5	<2	<2	<0.2	22	27	610	<5	109	119
5007554	Soil	0.07	<0.5	50	<2	85	60	<5	<3	4	<2	<2	<0.2	27	42	936	<5	114	167
5007555	Soil	<0.07	<0.5	38	<2	75	54	<5	<3	4	<2	<2	<0.2	17	27	775	<5	89	169
5007556	Soil	<0.07	<0.5	26	<2	69	<5	<5	<3	5	<2	<2	<0.2	19	29	497	9	67	132
5007557	Soil	0.09	<0.5	92	<2	121	147	<5	<3	4	<2	<2	<0.2	29	52	955	<5	132	161
5007558	Soil	<0.07	<0.5	20	<2	53	39	<5	<3	3	<2	<2	<0.2	14	19	889	<5	77	140
5007559	Soil	<0.07	<0.5	42	<2	96	50	<5	<3	4	<2	<2	<0.2	22	36	939	<5	100	144
5007560	Soil	<0.07	<0.5	32	<2	60	32	<5	<3	4	<2	<2	<0.2	24	39	861	<5	120	180
5007561	Soil	<0.07	<0.5	40	<2	88	22	<5	<3	4	<2	<2	<0.2	23	46	900	<5	102	127
5007562	Soil	<0.07	<0.5	41	<2	88	23	<5	<3	4	<2	<2	<0.2	22	46	896	<5	103	127
5007563	Soil	<0.07	<0.5	44	<2	125	24	<5	<3	4	<2	<2	<0.2	35	49	842	<5	95	108
5007564	Soil	<0.07	<0.5	33	<2	113	23	<5	<3	4	<2	<2	<0.2	20	31	732	<5	92	118
5007901	Soil	<0.07	<0.5	26	3	66	9	<5	<3	5	<2	<2	<0.2	18	49	850	<5	110	123
5007902	Soil	<0.07	<0.5	22	3	75	10	<5	<3	4	<2	<2	<0.2	19	53	868	<5	109	127
5007903	Soil	<0.07	<0.5	21	<2	70	15	<5	<3	4	<2	<2	<0.2	22	72	913	<5	137	142
5007904	Soil	<0.07	<0.5	17	3	58	20	<5	<3	4	<2	<2	<0.2	23	109	859	<5	164	133
5007905	Soil	<0.07	<0.5	36	<2	111	25	<5	<3	7	<2	<2	<0.2	33	104	1168	<5	142	181
5007906	Soil	<0.07	<0.5	25	<2	89	27	<5	<3	5	<2	<2	<0.2	21	113	959	<5	128	133
5007907	Soil	<0.07	<0.5	27	5	95	32	<5	<3	5	<2	<2	<0.2	23	141	1181	<5	167	141
5007908	Soil	<0.07	<0.5	10	<2	56	56	<5	<3	3	<2	<2	<0.2	21	170	815	<5	214	134
5007909	Soil	<0.07	<0.5	21	<2	63	39	<5	<3	4	<2	<2	<0.2	27	154	881	<5	189	136
5007910	Soil	0.74	<0.5	7463	10	152	<5	26	<3	11	<2	<2	<0.2	12	19	538	<5	44	96
5007911	Soil	0.10	<0.5	34	<2	81	38	<5	<3	4	<2	<2	<0.2	28	152	928	<5	160	138
5007912	Soil	<0.07	<0.5	6	<2	53	13	<5	<3	5	<2	<2	<0.2	19	45	669	<5	126	171
5007913	Soil	<0.07	<0.5	14	<2	69	32	<5	<3	4	<2	<2	<0.2	27	187	724	<5	164	131
5007914	Soil	0.09	<0.5	13	<2	52	12	<5	<3	4	<2	<2	<0.2	15	32	750	<5	104	134
5007915	Soil	<0.07	<0.5	36	<2	64	30	<5	<3	4	<2	<2	<0.2	24	51	964	<5	123	153
5007916	Soil	<0.07	2.7	24	<2	69	<5	<5	<3	6	<2	<2	<0.2	19	29	508	7	68	133
5007917	Soil	<0.07	<0.5	119	<2	72	42	<5	<3	4	<2	<2	<0.2	25	51	889	<5	94	121
5007918	Soil	<0.07	<0.5	17	<2	70	30	<5	<3	5	<2	<2	<0.2	20	32	924	<5	108	168
5007919	Soil	<0.07	<0.5	54	<2	97	12	<5	<3	5	<2	<2	<0.2	26	46	522	<5	95	110
5007920	Soil	<0.07	<0.5	27	<2	60	16	<5	<3	5	<2	<2	<0.2	19	28	514	<5	91	114
5007921	Soil	<0.07	<0.5	38	<2	119	40	<5	<3	5	<2	<2	<0.2	24	39	835	<5	113	154
5007922	Soil	<0.07	<0.5	41	<2	111	41	<5	<3	5	<2	<2	<0.2	23	39	732	<5	110	136
5007923	Soil	0.33	<0.5	55	<2	171	266	<5	<3	5	<2	<2	<0.2	35	75	800	<5	149	135
5007924	Soil	<0.07	<0.5	17	<2	58	73	<5	<3	5	<2	<2	<0.2	26	29	964	<5	112	274
5007925	Soil	<0.07	<0.5	22	18	45	39	<5	<3	4	<2	<2	<0.2	14	24	615	<5	91	108
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007551	658	33	189	38	24	0.50	6.87%	2.58	5.77%	1.58	1.22	1.59	0.15
5007552	674	32	187	82	12	0.69	7.87%	2.19	5.88%	1.31	1.74	1.97	0.13
5007553	698	41	171	111	20	0.70	6.85%	2.52	5.21%	0.74	1.55	1.70	0.12
5007554	1378	30	173	29	19	0.48	6.78%	2.43	4.60	1.32	1.20	1.53	0.10
5007555	502	26	146	37	13	0.44	6.63%	1.34	4.41	1.01	1.14	1.51	0.08
5007556	777	19	305	22	14	0.42	8.58%	3.52	4.48	1.62	0.95	2.76	0.07
5007557	798	34	161	52	21	0.48	7.09%	2.31	5.75%	1.41	1.27	1.43	0.16
5007558	311	23	157	30	13	0.40	5.59%	2.23	2.73	0.74	1.12	1.39	0.07
5007559	733	27	165	28	16	0.40	6.18%	2.56	4.25	1.24	1.09	1.39	0.10
5007560	669	27	152	23	15	0.51	6.11%	1.64	4.52	1.29	1.00	1.34	0.07
5007561	729	31	172	38	14	0.38	6.18%	2.00	3.74	1.33	1.14	1.46	0.10
5007562	778	32	181	40	15	0.39	6.25%	2.01	3.75	1.27	1.19	1.50	0.10
5007563	4140	30	145	35	15	0.31	5.88%	2.39	4.30	1.07	0.90	1.12	0.18
5007564	950	32	185	47	14	0.42	6.27%	1.75	3.94	1.03	1.19	1.49	0.17
5007901	623	40	235	29	12	0.41	6.79%	2.21	3.20	1.33	1.53	1.77	0.09
5007902	632	37	228	32	13	0.39	6.69%	2.10	3.27	1.36	1.54	1.71	0.09
5007903	622	37	215	27	15	0.46	6.91%	2.43	3.64	1.55	1.44	1.74	0.09
5007904	584	34	226	28	13	0.41	6.45%	2.07	3.23	1.36	1.38	1.80	0.06
5007905	731	43	218	43	16	0.50	7.97%	2.16	4.99	1.74	1.60	1.82	0.10
5007906	564	40	215	31	12	0.36	7.20%	1.81	3.59	1.21	1.55	1.59	0.10
5007907	622	40	222	34	13	0.44	7.72%	2.15	3.95	1.51	1.85	1.92	0.10
5007908	455	27	212	32	11	0.42	6.76%	1.58	3.21	1.33	1.49	1.79	0.04
5007909	745	35	208	32	14	0.48	7.04%	2.21	4.04	1.76	1.42	1.87	0.09
5007910	1203	28	323	9	7	0.16	6.82%	3.12	8.55%	1.14	2.45	1.14	0.07
5007911	870	37	215	36	14	0.48	7.82%	2.13	4.64	1.84	1.64	1.97	0.10
5007912	395	28	171	77	11	0.70	6.78%	1.45	3.81	1.13	1.70	1.80	0.06
5007913	563	32	189	32	12	0.45	6.14%	1.78	3.93	1.55	1.20	1.51	0.08
5007914	416	34	213	31	11	0.37	6.76%	1.52	4.55	1.07	1.34	1.60	0.06
5007915	728	30	225	28	15	0.52	7.38%	2.11	4.00	1.40	1.55	1.88	0.09
5007916	789	18	314	23	15	0.37	7.64%	3.14	3.92	1.44	0.94	2.46	0.06
5007917	1830	38	195	33	17	0.43	7.30%	1.77	4.17	1.24	1.47	1.73	0.07
5007918	555	31	194	47	14	0.61	7.49%	1.79	4.46	1.39	1.61	1.76	0.09
5007919	843	42	175	131	14	0.57	7.73%	1.86	5.15%	1.11	1.54	1.74	0.15
5007920	428	32	159	97	10	0.58	7.90%	1.38	5.54%	0.89	1.39	1.59	0.06
5007921	969	32	168	67	14	0.55	6.92%	2.00	5.21%	1.19	1.39	1.44	0.12
5007922	777	32	158	67	15	0.53	7.58%	2.02	6.00%	1.30	1.36	1.47	0.13
5007923	1413	40	208	109	18	0.61	8.21%	2.53	7.30%	1.55	1.69	1.84	0.14
5007924	749	25	132	33	16	0.79	6.88%	1.44	4.90	1.20	1.05	1.25	0.08
5007925	481	28	162	37	10	0.38	6.47%	1.29	5.07%	0.80	1.05	1.14	0.10
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp — **712 Samples** — Print: Oct 23, 2008 — Page 9 of 20
Project: 02 — Ship# — 712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008 — Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007926	Soil	<0.07	<0.5	56	<2	93	44	<5	<3	4	<2	<2	<0.2	26	60	1181	<5	127	176
5007927	Soil	<0.07	<0.5	37	<2	59	35	<5	<3	4	<2	<2	<0.2	23	39	1147	<5	115	175
5007928	Soil	<0.07	<0.5	87	<2	184	47	<5	<3	5	<2	<2	<0.2	34	53	761	<5	127	159
5007929	Soil	<0.07	<0.5	65	<2	62	32	<5	<3	4	<2	<2	<0.2	26	47	1020	<5	113	155
5007930	Soil	0.77	<0.5	8475	10	158	<5	25	<3	12	<2	<2	<0.2	13	19	644	<5	42	99
5007931	Soil	0.07	<0.5	80	<2	83	39	<5	<3	4	<2	<2	<0.2	20	35	680	<5	104	114
5007932	Soil	<0.07	<0.5	29	<2	52	21	<5	<3	3	<2	<2	<0.2	20	42	936	<5	101	130
5007933	Soil	<0.07	<0.5	21	<2	95	13	<5	<3	5	<2	<2	<0.2	17	31	821	<5	86	111
5007934	Soil	<0.07	<0.5	34	<2	66	23	<5	<3	4	<2	<2	<0.2	27	49	960	<5	122	168
5007935	Soil	<0.07	<0.5	19	4	45	13	<5	<3	4	<2	<2	<0.2	18	32	805	<5	91	134
5007936	Soil	<0.07	<0.5	30	<2	71	<5	<5	<3	6	<2	<2	<0.2	20	34	520	10	69	136
5007937	Soil	<0.07	<0.5	28	<2	74	53	<5	<3	5	<2	<2	<0.2	29	234	784	<5	187	158
5007938	Soil	<0.07	<0.5	21	<2	67	84	<5	<3	4	<2	<2	<0.2	34	281	700	<5	315	153
5007939	Soil	<0.07	<0.5	24	<2	72	81	<5	<3	4	<2	<2	<0.2	37	398	863	<5	319	122
5007940	Soil	<0.07	<0.5	27	<2	100	171	<5	<3	4	<2	<2	<0.2	34	614	873	<5	234	110
5007941	Soil	<0.07	<0.5	26	<2	79	72	<5	<3	4	<2	<2	<0.2	25	170	904	<5	172	117
5007942	Soil	<0.07	<0.5	36	<2	86	59	<5	<3	3	<2	<2	<0.2	25	141	915	<5	140	120
5007943	Soil	<0.07	<0.5	24	<2	90	15	<5	<3	4	<2	<2	<0.2	19	70	961	<5	117	138
5007944	Soil	<0.07	<0.5	23	<2	91	15	<5	<3	5	<2	<2	<0.2	20	55	973	<5	106	131
5007945	Soil	<0.07	<0.5	20	<2	60	11	<5	<3	4	<2	<2	<0.2	19	46	907	<5	109	130
5007946	Soil	<0.07	<0.5	39	2	132	100	<5	<3	6	<2	<2	<0.2	18	124	1104	<5	107	151
5007947	Soil	<0.07	<0.5	10	<2	60	93	<5	<3	4	<2	<2	<0.2	26	257	785	<5	311	132
5007948	Soil	<0.07	<0.5	17	<2	62	44	<5	<3	4	<2	<2	<0.2	23	190	783	<5	210	123
5007949	Soil	<0.07	<0.5	18	<2	74	112	<5	<3	4	<2	<2	<0.2	33	324	766	<5	166	120
5007950	Soil	0.77	<0.5	8067	8	162	<5	27	<3	11	<2	<2	<0.2	13	19	292	<5	47	101
5007951	Soil	<0.07	<0.5	17	<2	59	57	<5	<3	4	<2	<2	<0.2	26	213	720	<5	217	162
5007952	Soil	<0.07	<0.5	20	<2	67	30	<5	<3	3	<2	<2	<0.2	24	162	647	<5	206	141
5007953	Soil	<0.07	<0.5	19	<2	59	22	<5	<3	3	<2	<2	<0.2	21	45	794	<5	123	163
5007954	Soil	<0.07	<0.5	37	<2	68	22	<5	<3	4	<2	<2	<0.2	25	55	957	<5	121	159
5007955	Soil	<0.07	<0.5	22	<2	76	10	<5	<3	4	<2	<2	<0.2	20	40	876	<5	99	126
5007956	Soil	<0.07	<0.5	26	<2	70	<5	<5	<3	5	<2	<2	<0.2	19	30	508	10	70	137
5007957	Soil	<0.07	<0.5	46	<2	69	39	<5	<3	4	<2	<2	<0.2	28	46	860	<5	109	173
5007958	Soil	<0.07	<0.5	49	<2	67	23	<5	<3	3	<2	<2	<0.2	23	47	912	<5	111	145
5007959	Soil	<0.07	<0.5	39	<2	67	30	<5	<3	5	<2	<2	<0.2	27	35	938	<5	108	153
5007960	Soil	<0.07	<0.5	40	<2	64	33	<5	<3	4	<2	<2	<0.2	26	43	899	<5	118	162
5007961	Soil	<0.07	<0.5	9	15	63	17	<5	<3	5	<2	<2	<0.2	20	14	721	<5	98	130
5007962	Soil	<0.07	<0.5	10	10	74	22	<5	<3	5	<2	<2	<0.2	19	16	718	11	101	140
5007963	Soil	<0.07	<0.5	39	<2	94	41	<5	<3	3	<2	<2	<0.2	24	35	828	<5	105	143
5007964	Soil	0.16	<0.5	50	<2	69	182	<5	<3	5	<2	<2	<0.2	29	52	1111	<5	131	182
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551029158010230800l] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007926	711	24	178	34	17	0.55	7.88%	2.37	5.30%	1.57	1.17	1.57	0.09
5007927	652	25	180	29	17	0.56	6.91%	2.31	4.09	1.43	1.26	1.56	0.07
5007928	1467	30	167	105	21	0.59	8.41%	1.61	6.89%	1.18	1.54	1.51	0.18
5007929	859	28	198	41	17	0.52	6.86%	2.27	4.20	1.46	1.23	1.65	0.07
5007930	1322	13	343	8	7	0.17	7.74%	3.58	9.80%	1.29	2.76	1.28	0.07
5007931	667	27	138	81	20	0.48	6.86%	1.41	5.38%	0.88	1.19	1.24	0.34
5007932	609	28	251	25	13	0.44	7.00%	2.23	3.50	1.25	1.51	1.88	0.09
5007933	506	22	221	36	11	0.40	7.00%	1.58	3.68	0.89	1.34	1.71	0.08
5007934	753	26	204	32	17	0.62	7.99%	2.59	4.71	1.74	1.43	2.03	0.08
5007935	363	26	185	45	11	0.54	6.46%	1.36	2.76	0.94	1.39	1.55	0.07
5007936	803	12	322	22	15	0.39	8.02%	3.31	4.14	1.52	0.96	2.61	0.07
5007937	574	24	181	32	14	0.46	6.87%	1.65	5.31%	1.82	1.25	1.63	0.07
5007938	571	22	159	30	15	0.48	6.66%	1.55	7.47%	1.79	1.05	1.38	0.06
5007939	726	32	221	34	13	0.41	7.11%	2.10	4.40	1.99	1.55	1.89	0.09
5007940	763	26	219	39	14	0.39	7.65%	2.09	4.98	1.75	1.67	1.84	0.12
5007941	775	33	227	35	12	0.40	6.88%	1.91	3.95	1.71	1.63	1.69	0.06
5007942	784	34	233	36	12	0.47	8.06%	2.22	4.63	1.76	1.91	1.91	0.07
5007943	618	33	235	40	12	0.46	7.85%	2.35	4.04	1.51	1.86	1.91	0.10
5007944	704	27	241	43	12	0.45	8.20%	2.10	4.32	1.48	1.91	2.01	0.09
5007945	608	35	248	28	12	0.42	7.05%	2.39	3.26	1.39	1.70	1.84	0.09
5007946	686	30	183	34	14	0.31	6.72%	1.91	4.28	1.35	1.49	1.16	0.13
5007947	521	25	195	30	11	0.44	6.45%	1.71	4.20	1.56	1.36	1.74	0.04
5007948	487	26	213	36	11	0.44	6.89%	1.93	3.99	1.46	1.45	1.85	0.09
5007949	698	24	238	45	11	0.46	7.19%	1.93	4.30	1.40	1.62	2.02	0.12
5007950	1241	13	341	9	7	0.16	7.33%	3.34	9.24%	1.22	2.60	1.21	0.07
5007951	655	21	193	29	12	0.46	6.49%	1.75	4.86	1.60	1.23	1.60	0.06
5007952	509	21	168	30	13	0.42	7.21%	1.62	5.47%	1.51	1.00	1.36	0.06
5007953	532	23	188	26	13	0.47	6.54%	1.86	4.85	1.30	1.20	1.56	0.06
5007954	768	31	232	32	16	0.55	7.50%	2.45	4.15	1.54	1.47	1.94	0.09
5007955	503	27	228	26	14	0.44	6.91%	2.27	3.15	1.23	1.29	1.69	0.08
5007956	810	12	320	22	15	0.42	8.57%	3.56	4.45	1.61	0.98	2.72	0.07
5007957	892	27	220	30	18	0.56	7.29%	2.40	4.51	1.40	1.30	1.82	0.08
5007958	666	30	238	37	16	0.54	7.97%	2.53	4.39	1.54	1.64	2.07	0.09
5007959	960	29	202	39	17	0.53	7.01%	2.13	3.82	1.18	1.29	1.59	0.10
5007960	922	26	214	32	18	0.58	7.38%	2.76	4.48	1.64	1.34	1.88	0.10
5007961	303	27	219	130	9	0.92	7.34%	1.36	2.15	0.60	2.13	2.29	0.08
5007962	338	31	226	115	10	0.86	7.76%	1.62	2.79	0.84	1.99	2.14	0.08
5007963	873	20	190	40	22	0.54	6.92%	3.30	4.64	1.43	1.19	1.53	0.13
5007964	823	20	176	26	18	0.58	7.38%	2.26	5.82%	1.52	1.31	1.62	0.10
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230802] In: Sep 08, 2008

Print: Oct 23, 2008 Page 10 of 20
Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5007965	Soil	<0.07	<0.5	79	<2	91	60	<5	<3	4	<2	<2	<0.2	27	47	867	<5	111	144
5007966	Soil	<0.07	<0.5	69	<2	134	73	<5	<3	4	<2	<2	<0.2	27	44	862	<5	113	145
5007967	Soil	<0.07	<0.5	156	<2	137	65	<5	<3	5	<2	<2	<0.2	26	58	877	<5	119	139
5007968	Soil	<0.07	<0.5	51	<2	125	64	<5	<3	4	<2	<2	<0.2	26	44	1244	<5	119	180
5007969	Soil	<0.07	<0.5	19	<2	54	38	<5	<3	4	<2	<2	<0.2	19	36	866	<5	116	157
5007970	Soil	0.78	<0.5	7434	16	154	<5	23	<3	11	<2	<2	<0.2	12	19	614	<5	44	98
5007971	Soil	0.10	<0.5	65	<2	127	50	<5	<3	5	<2	<2	<0.2	24	46	1220	<5	115	168
5007972	Soil	<0.07	<0.5	28	<2	92	34	<5	<3	4	<2	<2	<0.2	26	37	849	<5	110	146
5007973	Soil	<0.07	<0.5	55	<2	73	31	<5	<3	3	<2	<2	<0.2	25	44	896	<5	111	154
5007974	Soil	<0.07	<0.5	70	<2	91	28	<5	<3	3	<2	<2	<0.2	26	51	924	<5	121	158
5007975	Soil	<0.07	<0.5	33	<2	74	11	<5	<3	4	<2	<2	<0.2	18	34	752	<5	95	120
5007976	Soil	<0.07	<0.5	26	<2	69	<5	<5	<3	6	<2	<2	<0.2	19	29	502	10	66	132
5007977	Soil	<0.07	<0.5	47	<2	101	19	<5	<3	5	<2	<2	<0.2	26	60	978	<5	129	153
5007978	Soil	<0.07	<0.5	43	<2	89	16	<5	<3	4	<2	<2	<0.2	19	52	596	<5	121	115
5007979	Soil	<0.07	<0.5	25	<2	67	60	<5	<3	3	<2	<2	<0.2	23	139	828	<5	107	134
5007980	Soil	<0.07	<0.5	19	<2	69	110	<5	<3	4	<2	<2	<0.2	32	330	679	<5	326	214
5007981	Soil	<0.07	<0.5	26	<2	121	459	<5	<3	4	<2	<2	<0.2	35	558	810	<5	160	159
5007982	Soil	0.10	<0.5	27	<2	72	352	<5	<3	3	<2	<2	<0.2	38	602	830	<5	177	147
5007983	Soil	<0.07	<0.5	12	<2	47	65	<5	<3	4	<2	<2	<0.2	26	291	676	<5	322	158
5007984	Soil	<0.07	<0.5	16	<2	64	97	<5	<3	4	<2	<2	<0.2	28	287	780	<5	208	108
5007985	Soil	<0.07	<0.5	22	<2	93	201	<5	<3	3	<2	<2	<0.2	30	531	764	<5	346	122
5007986	Soil	<0.07	<0.5	19	<2	92	213	<5	<3	4	<2	<2	<0.2	37	311	773	<5	255	127
5007987	Soil	<0.07	<0.5	21	<2	85	692	<5	<3	3	<2	<2	<0.2	45	841	788	<5	291	112
5007988	Soil	<0.07	<0.5	26	<2	102	97	<5	<3	4	<2	<2	<0.2	46	379	827	<5	284	132
5007989	Soil	<0.07	<0.5	19	<2	66	55	<5	<3	4	<2	<2	<0.2	29	263	774	<5	291	134
5007990	Soil	0.76	<0.5	7514	12	155	5	22	<3	11	<2	<2	<0.2	12	19	629	<5	43	97
5007991	Soil	<0.07	<0.5	21	<2	80	41	<5	<3	5	<2	<2	<0.2	27	159	835	<5	180	137
5007992	Soil	<0.07	<0.5	9	<2	56	17	<5	<3	4	<2	<2	<0.2	19	110	681	<5	171	135
5007993	Soil	<0.07	<0.5	36	<2	77	340	<5	<3	4	<2	<2	<0.2	64	1055	856	<5	448	141
5007994	Soil	<0.07	<0.5	9	<2	52	20	<5	<3	5	<2	<2	<0.2	19	43	725	<5	118	171
5007995	Soil	<0.07	<0.5	20	<2	60	31	<5	<3	4	<2	<2	<0.2	20	57	752	<5	114	143
5007996	Soil	<0.07	<0.5	27	<2	69	<5	<5	<3	6	<2	<2	<0.2	18	29	514	8	69	133
5007997	Soil	<0.07	<0.5	34	<2	61	19	<5	<3	4	<2	<2	<0.2	23	49	893	<5	122	155
5007998	Soil	<0.07	<0.5	39	<2	81	25	<5	<3	4	<2	<2	<0.2	25	53	1223	<5	126	165
5007999	Soil	<0.07	<0.5	48	<2	109	31	<5	<3	6	<2	<2	<0.2	27	73	1146	<5	140	153
5008000	Soil	<0.07	<0.5	71	<2	117	39	<5	<3	4	<2	<2	<0.2	25	47	990	<5	115	155
5008501	Soil	<0.07	<0.5	60	<2	111	47	<5	<3	4	<2	<2	<0.2	28	50	1274	<5	126	191
5008502	Soil	<0.07	<0.5	59	<2	111	42	<5	<3	4	<2	<2	<0.2	27	50	1288	<5	126	193
5008503	Soil	<0.07	<0.5	51	<2	90	16	<5	<3	4	<2	<2	<0.2	25	49	1165	<5	119	176
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
iPL 8I4255

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL

Print: Oct 23, 2008 [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007965	1871	29	159	42	21	0.42	6.98%	2.76	4.96	1.38	1.11	1.41	0.14
5007966	1091	26	186	68	17	0.48	6.76%	2.62	5.08%	1.21	1.36	1.53	0.12
5007967	1300	31	163	72	33	0.45	7.28%	2.38	5.30%	1.20	1.32	1.40	0.21
5007968	1166	25	172	46	20	0.48	7.56%	2.30	5.58%	1.53	1.40	1.51	0.14
5007969	556	24	190	27	14	0.49	6.59%	2.12	4.24	1.34	1.25	1.56	0.07
5007970	1205	12	329	10	7	0.15	6.79%	3.16	8.64%	1.15	2.44	1.13	0.07
5007971	789	26	177	41	21	0.47	7.32%	2.56	5.03%	1.50	1.32	1.47	0.13
5007972	889	28	205	56	14	0.53	6.99%	2.22	4.66	1.28	1.52	1.78	0.09
5007973	852	26	190	35	17	0.49	6.73%	2.44	4.09	1.39	1.29	1.61	0.09
5007974	709	27	189	36	19	0.54	7.09%	2.53	4.45	1.55	1.31	1.61	0.10
5007975	500	28	208	48	11	0.43	7.34%	1.62	4.15	1.10	1.54	1.75	0.09
5007976	790	11	309	26	15	0.39	8.09%	3.35	4.19	1.55	0.94	2.64	0.07
5007977	766	28	220	43	16	0.46	7.45%	2.25	4.26	1.53	1.47	1.82	0.11
5007978	498	23	156	71	12	0.39	8.14%	1.28	5.72%	1.17	1.27	1.40	0.10
5007979	570	25	213	48	12	0.49	6.99%	1.79	3.73	1.23	1.53	1.83	0.09
5007980	543	21	154	33	13	0.51	6.32%	1.50	5.91%	1.66	1.10	1.32	0.05
5007981	608	27	199	69	12	0.56	7.65%	1.63	5.29%	1.41	1.62	1.82	0.08
5007982	707	27	199	31	14	0.44	6.81%	2.28	4.47	1.65	1.30	1.68	0.10
5007983	506	23	191	27	12	0.48	6.14%	1.95	3.44	2.16	1.26	1.68	0.05
5007984	661	26	237	32	10	0.38	6.49%	1.98	4.13	1.62	1.56	1.84	0.09
5007985	792	29	198	38	12	0.37	6.68%	1.90	4.99	1.88	1.35	1.67	0.13
5007986	946	28	221	68	11	0.54	7.57%	1.99	5.43%	1.50	1.70	1.99	0.09
5007987	665	28	217	41	12	0.42	7.62%	2.26	5.11%	2.15	1.65	1.88	0.11
5007988	1522	23	192	47	12	0.40	7.24%	1.66	5.34%	1.91	1.43	1.70	0.13
5007989	619	23	184	33	13	0.43	7.00%	1.98	4.87	2.49	1.32	1.76	0.08
5007990	1203	11	331	11	7	0.15	6.83%	3.12	8.67%	1.15	2.43	1.13	0.07
5007991	698	30	235	45	12	0.47	7.40%	1.87	4.65	1.57	1.60	1.88	0.09
5007992	396	26	210	64	10	0.51	6.47%	1.40	3.83	1.41	1.49	1.81	0.06
5007993	814	24	200	33	15	0.42	7.12%	2.19	4.88	1.93	1.39	1.76	0.09
5007994	468	24	185	42	13	0.58	6.61%	1.75	4.01	1.07	1.29	1.65	0.03
5007995	554	24	182	30	14	0.43	6.67%	1.97	4.76	1.36	1.12	1.52	0.07
5007996	794	12	321	27	15	0.41	8.26%	3.48	4.29	1.61	1.00	2.73	0.06
5007997	823	26	184	30	15	0.44	6.65%	2.16	4.36	1.53	1.29	1.59	0.09
5007998	825	28	204	39	16	0.54	8.11%	2.30	4.74	1.70	1.57	1.87	0.09
5007999	1344	30	225	43	18	0.46	7.76%	2.30	4.87	1.55	1.48	1.80	0.11
5008000	1296	26	186	42	21	0.43	6.98%	2.41	4.64	1.38	1.25	1.46	0.13
5008501	872	25	176	38	20	0.49	7.13%	2.34	5.25%	1.75	1.22	1.53	0.13
5008502	783	23	172	37	20	0.48	7.35%	2.36	5.42%	1.79	1.17	1.50	0.12
5008503	700	26	201	35	19	0.52	7.32%	2.40	4.20	1.62	1.21	1.73	0.10
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02
Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5008504	Soil	<0.07	<0.5	60	<2	84	20	<5	<3	4	<2	<2	<0.2	24	50	1389	<5	122	180
5008505	Soil	<0.07	<0.5	55	3	95	22	<5	<3	3	<2	<2	<0.2	23	58	1217	<5	124	174
5008506	Soil	<0.07	<0.5	42	<2	74	30	<5	<3	3	<2	<2	<0.2	24	46	1077	<5	118	173
5008507	Soil	<0.07	<0.5	39	<2	80	22	<5	<3	4	<2	<2	<0.2	25	82	983	<5	132	145
5008508	Soil	<0.07	<0.5	39	<2	83	45	<5	<3	4	<2	<2	<0.2	25	49	1140	<5	127	181
5008509	Soil	<0.07	<0.5	31	<2	56	18	<5	<3	3	<2	<2	<0.2	21	61	848	<5	123	136
5008510	Soil	0.76	<0.5	7387	14	156	9	26	<3	10	<2	<2	<0.2	13	19	653	<5	45	99
5008511	Soil	<0.07	<0.5	14	<2	60	23	<5	<3	4	<2	<2	<0.2	20	44	697	<5	130	157
5008512	Soil	<0.07	<0.5	6	11	48	13	<5	<3	6	<2	<2	<0.2	18	24	760	<5	125	178
5008513	Soil	<0.07	<0.5	28	<2	71	23	<5	<3	5	<2	<2	<0.2	23	72	882	<5	139	144
5008514	Soil	<0.07	<0.5	43	<2	100	52	<5	<3	4	<2	<2	<0.2	26	46	1349	<5	120	186
5008515	Soil	<0.07	<0.5	44	<2	104	35	<5	<3	4	<2	<2	<0.2	25	48	1015	<5	121	190
5008516	Soil	<0.07	<0.5	24	<2	72	<5	<5	<3	5	<2	<2	<0.2	19	29	510	9	69	134
5008517	Soil	<0.07	<0.5	41	<2	75	23	<5	<3	4	<2	<2	<0.2	22	47	1296	<5	119	172
5008518	Soil	<0.07	<0.5	44	<2	80	20	<5	<3	3	<2	<2	<0.2	22	52	891	<5	118	147
5008519	Soil	<0.07	<0.5	28	2	66	29	<5	<3	4	<2	<2	<0.2	24	39	1232	<5	125	177
5008520	Soil	<0.07	<0.5	37	<2	61	26	<5	<3	4	<2	<2	<0.2	25	51	892	<5	117	157
5008521	Soil	<0.07	<0.5	41	<2	61	38	<5	<3	3	<2	<2	<0.2	25	44	968	<5	114	181
5008522	Soil	<0.07	<0.5	36	<2	64	36	<5	<3	4	<2	<2	<0.2	26	43	872	<5	117	188
5008523	Soil	<0.07	<0.5	71	<2	102	51	<5	<3	5	<2	<2	<0.2	26	47	1166	<5	113	179
5008524	Soil	<0.07	<0.5	<1	23	22	18	<5	<3	5	<2	<2	<0.2	18	7	757	<5	75	172
5008525	Soil	<0.07	<0.5	47	<2	95	42	<5	<3	4	<2	<2	<0.2	27	41	1182	<5	109	188
5008526	Soil	<0.07	<0.5	49	<2	101	39	<5	<3	4	<2	<2	<0.2	30	44	1303	<5	116	195
5008527	Soil	<0.07	<0.5	46	<2	105	38	<5	<3	3	<2	<2	<0.2	26	44	841	<5	112	187
5008528	Soil	<0.07	<0.5	30	<2	86	38	<5	<3	3	<2	<2	<0.2	25	38	1214	<5	116	203
5008529	Soil	<0.07	<0.5	60	<2	120	46	<5	<3	4	<2	<2	<0.2	33	48	1246	<5	120	202
5008530	Soil	0.78	<0.5	48	16	153	7	27	<3	12	<2	<2	<0.2	12	18	631	<5	42	97
5008531	Soil	<0.07	<0.5	49	<2	93	40	<5	<3	4	<2	<2	<0.2	28	45	1294	<5	115	194
5008532	Soil	<0.07	<0.5	61	<2	112	39	<5	<3	5	<2	<2	<0.2	30	50	1387	<5	117	188
5008533	Soil	<0.07	<0.5	58	<2	108	44	<5	<3	4	<2	<2	<0.2	30	53	771	<5	119	181
5008534	Soil	<0.07	<0.5	56	<2	109	45	<5	<3	4	<2	<2	<0.2	32	50	1428	<5	125	209
5008535	Soil	<0.07	<0.5	32	<2	76	20	<5	<3	4	<2	<2	<0.2	23	58	947	<5	130	155
5008536	Soil	<0.07	<0.5	24	<2	68	<5	<5	<3	6	<2	<2	<0.2	18	29	503	10	69	133
5008537	Soil	<0.07	<0.5	2	17	30	9	<5	<3	4	<2	<2	<0.2	17	20	777	<5	93	146
5008538	Soil	<0.07	<0.5	14	<2	60	47	<5	<3	5	<2	<2	<0.2	19	41	789	<5	122	181
5008539	Soil	<0.07	<0.5	29	<2	59	14	<5	<3	3	<2	<2	<0.2	21	58	872	<5	124	140
5008540	Soil	0.07	<0.5	47	<2	80	29	<5	<3	4	<2	<2	<0.2	27	80	973	<5	129	158
5008541	Soil	<0.07	<0.5	27	<2	70	24	<5	<3	3	<2	<2	<0.2	23	85	848	<5	156	146
5008542	Soil	<0.07	<0.5	47	<2	76	34	<5	<3	4	<2	<2	<0.2	30	115	945	<5	164	157
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5008504	627	26	209	38	19	0.62	7.86%	2.58	3.86	1.79	1.39	1.99	0.11
5008505	555	25	184	35	19	0.54	7.37%	2.18	3.54	1.60	1.25	1.62	0.11
5008506	766	24	210	29	18	0.58	6.79%	2.61	4.11	1.51	1.19	1.71	0.09
5008507	722	31	232	33	14	0.44	6.98%	2.19	3.88	1.42	1.58	1.85	0.09
5008508	710	21	192	31	17	0.51	6.96%	2.18	4.59	1.57	1.29	1.70	0.10
5008509	654	32	226	31	14	0.50	7.13%	2.38	3.64	1.33	1.56	1.97	0.09
5008510	1202	12	336	9	7	0.16	6.74%	3.15	8.57%	1.15	2.44	1.13	0.07
5008511	494	23	172	48	12	0.54	6.70%	1.65	5.46%	1.14	1.35	1.56	0.06
5008512	327	22	142	70	11	0.56	7.09%	2.87	4.09	1.46	1.43	1.75	0.05
5008513	764	28	223	31	14	0.54	7.84%	2.63	4.75	1.64	1.65	1.97	0.09
5008514	817	22	184	32	19	0.50	7.69%	2.31	6.07%	1.80	1.30	1.65	0.11
5008515	730	24	190	38	19	0.48	7.28%	2.38	4.09	1.45	1.55	1.89	0.10
5008516	795	11	313	23	14	0.55	7.19%	2.53	5.11%	1.69	0.95	1.59	0.07
5008517	573	22	194	33	18	0.61	7.45%	2.60	5.02%	1.80	1.27	1.69	0.09
5008518	566	23	195	31	18	0.42	8.62%	3.61	4.49	1.61	1.02	2.74	0.10
5008519	618	25	206	31	17	0.57	7.54%	2.58	4.18	1.69	1.23	1.77	0.08
5008520	570	25	225	29	16	0.48	6.73%	2.39	3.64	1.38	1.15	1.60	0.08
5008521	883	27	238	27	18	0.57	7.04%	2.40	4.21	1.42	1.29	1.67	0.09
5008522	888	26	235	25	18	0.79	7.26%	1.10	3.19	0.88	1.72	1.51	0.09
5008523	620	24	172	35	19	0.52	7.13%	2.53	3.88	1.77	1.36	1.78	0.14
5008524	199	19	133	94	8	0.67	7.52%	0.80	4.47	1.60	1.43	1.94	0.03
5008525	1040	25	193	28	18	0.73	7.66%	3.30	4.69	1.68	1.42	1.93	0.09
5008526	1311	25	194	30	19	0.50	7.30%	2.10	5.33%	1.66	1.19	1.54	0.10
5008527	865	22	196	31	18	1.05	5.90%	0.84	1.51	0.33	1.68	1.57	0.10
5008528	908	24	203	29	18	0.61	6.97%	2.59	4.88	1.59	1.18	1.57	0.09
5008529	1262	24	182	34	21	0.61	7.02%	2.37	4.95	1.62	1.21	1.60	0.09
5008530	951	11	328	9	7	0.58	7.06%	2.59	4.84	1.64	1.27	1.63	0.07
5008531	1041	25	203	30	19	0.70	7.52%	2.79	5.08%	1.72	1.35	1.77	0.09
5008532	1394	24	195	34	20	0.63	7.65%	2.62	5.65%	1.89	1.24	1.63	0.10
5008533	1351	25	190	34	19	0.18	7.59%	3.54	9.62%	1.28	2.71	1.26	0.10
5008534	1257	24	191	33	20	0.72	7.93%	3.09	5.31%	1.87	1.41	1.83	0.09
5008535	757	29	212	26	15	0.58	7.31%	2.55	4.99	1.76	1.28	1.70	0.09
5008536	786	11	306	24	14	0.59	7.54%	2.70	5.29%	1.84	0.92	1.77	0.06
5008537	300	24	178	59	11	0.67	7.44%	2.56	5.37%	1.85	1.29	1.69	0.08
5008538	494	26	184	52	12	0.50	7.62%	2.56	4.23	1.67	1.51	1.87	0.05
5008539	607	31	219	32	13	0.42	8.53%	3.55	4.43	1.61	1.02	2.75	0.08
5008540	340	30	217	29	16	0.81	7.03%	1.49	2.00	0.71	1.69	1.70	0.09
5008541	657	31	218	32	15	0.58	7.14%	1.68	4.68	1.28	1.61	1.67	0.10
5008542	695	27	199	34	17	0.50	7.34%	2.34	3.71	1.35	1.55	1.93	0.09
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [425516062380102308002] In: Sep 08, 2008

Print: Oct 23, 2008 Page 12 of 20
Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5008543	Soil	<0.07	<0.5	69	<2	119	50	<5	<3	4	<2	<2	<0.2	30	70	1190	<5	130	171
5008544	Soil	<0.07	<0.5	62	<2	112	57	<5	<3	5	<2	<2	<0.2	32	61	1289	<5	131	183
5008545	Soil	<0.07	<0.5	52	<2	101	40	<5	<3	3	<2	<2	<0.2	28	46	1401	<5	124	201
5008546	Soil	0.08	<0.5	69	<2	129	46	<5	<3	4	<2	<2	<0.2	31	52	1453	<5	129	208
5008547	Soil	0.08	<0.5	32	6	62	42	<5	<3	3	<2	<2	<0.2	23	39	965	<5	115	175
5008548	Soil	<0.07	<0.5	3	7	38	27	<5	<3	6	<2	<2	<0.2	24	14	644	<5	106	297
5008549	Soil	<0.07	<0.5	18	3	52	59	<5	<3	4	<2	<2	<0.2	23	25	1317	<5	116	234
5008550	Soil	0.75	<0.5	7540	20	153	<5	25	<3	11	<2	<2	<0.2	12	18	624	<5	44	97
5008551	Soil	<0.07	<0.5	45	5	99	30	<5	<3	5	<2	<2	<0.2	22	22	640	<5	100	165
5008552	Soil	<0.07	<0.5	28	<2	69	36	<5	<3	4	<2	<2	<0.2	20	33	934	<5	111	177
5008553	Soil	<0.07	<0.5	25	<2	110	30	<5	<3	5	<2	<2	<0.2	24	31	799	<5	105	207
5008554	Soil	<0.07	<0.5	44	<2	57	22	<5	<3	3	<2	<2	<0.2	24	72	876	<5	115	156
5008555	Soil	<0.07	<0.5	31	<2	75	23	<5	<3	4	<2	<2	<0.2	25	51	865	<5	118	172
5008556	Soil	<0.07	<0.5	25	<2	69	<5	<5	<3	6	<2	<2	<0.2	19	29	525	10	59	131
5008557	Soil	<0.07	<0.5	28	4	67	28	<5	<3	4	<2	<2	<0.2	21	43	903	<5	104	162
5008558	Soil	<0.07	<0.5	85	<2	96	44	<5	<3	5	<2	<2	<0.2	23	67	955	<5	134	150
5008559	Soil	<0.07	<0.5	41	<2	57	22	<5	<3	4	<2	<2	<0.2	27	112	872	<5	177	148
5008560	Soil	<0.07	<0.5	57	<2	80	43	<5	<3	4	<2	<2	<0.2	29	155	954	<5	173	152
5008561	Soil	<0.07	<0.5	32	<2	71	34	<5	<3	4	<2	<2	<0.2	26	144	932	<5	177	135
5008562	Soil	<0.07	<0.5	32	<2	71	35	<5	<3	4	<2	<2	<0.2	25	142	932	<5	166	135
5008563	Soil	<0.07	<0.5	40	<2	81	30	<5	<3	4	<2	<2	<0.2	24	122	1151	<5	158	142
5008564	Soil	<0.07	<0.5	41	<2	101	25	<5	<3	5	<2	<2	<0.2	26	129	927	<5	166	142
5008565	Soil	<0.07	<0.5	37	<2	79	23	<5	<3	4	<2	<2	<0.2	23	89	879	<5	140	139
5008566	Soil	<0.07	<0.5	55	<2	108	17	<5	<3	4	<2	<2	<0.2	25	54	1217	<5	134	182
5008567	Soil	<0.07	<0.5	34	<2	82	18	<5	<3	4	<2	<2	<0.2	25	73	1148	<5	137	153
5008568	Soil	<0.07	<0.5	35	<2	69	20	<5	<3	4	<2	<2	<0.2	24	65	1078	<5	142	157
5008569	Soil	<0.07	<0.5	40	3	78	18	<5	<3	4	<2	<2	<0.2	24	72	967	<5	146	159
5008570	Soil	0.77	<0.5	7453	19	155	<5	22	<3	11	<2	<2	<0.2	12	19	635	<5	44	99
5008571	Soil	<0.07	<0.5	26	<2	93	10	<5	<3	5	<2	<2	<0.2	20	59	900	<5	101	120
5008572	Soil	<0.07	<0.5	30	2	79	12	<5	<3	4	<2	<2	<0.2	18	53	854	<5	117	128
5008573	Soil	<0.07	<0.5	40	<2	96	18	<5	<3	5	<2	<2	<0.2	22	67	925	<5	117	133
5008574	Soil	<0.07	<0.5	46	<2	104	15	<5	<3	3	<2	<2	<0.2	21	83	944	<5	136	135
5008575	Soil	<0.07	<0.5	42	<2	109	31	<5	<3	5	<2	<2	<0.2	24	66	1200	<5	132	158
5008576	Soil	<0.07	<0.5	25	<2	69	<5	<5	<3	6	<2	<2	<0.2	19	29	512	9	53	124
5008577	Soil	<0.07	<0.5	30	<2	119	47	<5	<3	5	<2	<2	<0.2	28	113	892	<5	160	144
5008578	Soil	<0.07	<0.5	41	<2	87	70	<5	<3	7	<2	<2	<0.2	36	135	952	<5	160	150
5008579	Soil	<0.07	<0.5	30	<2	71	23	<5	<3	3	<2	<2	<0.2	23	113	895	<5	167	143
5008580	Soil	<0.07	<0.5	29	<2	82	28	<5	<3	4	<2	<2	<0.2	24	141	952	<5	185	131
5008581	Soil	<0.07	<0.5	39	<2	68	40	<5	<3	3	<2	<2	<0.2	27	162	936	<5	203	138
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
iPL 8I4255

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5008543	1591	25	171	42	20	0.54	7.52%	2.58	4.90	1.78	1.41	1.77	0.12
5008544	1726	25	177	41	20	0.44	7.32%	2.33	5.51%	1.70	1.26	1.50	0.11
5008545	1236	24	196	37	21	0.63	7.86%	2.79	5.79%	1.81	1.37	1.75	0.09
5008546	1402	25	187	36	22	0.57	7.73%	2.76	5.80%	1.95	1.31	1.63	0.10
5008547	651	28	212	35	17	0.56	7.27%	2.87	4.30	1.41	1.27	1.65	0.12
5008548	361	20	116	103	12	1.25	7.14%	1.15	3.75	0.63	1.25	1.54	0.05
5008549	526	21	140	60	16	0.88	7.82%	1.77	4.02	1.06	1.51	1.40	0.08
5008550	1231	10	324	9	7	0.16	6.93%	3.18	8.82%	1.13	2.44	1.12	0.07
5008551	575	32	180	140	11	0.87	7.21%	1.84	5.58%	0.62	1.78	1.89	0.09
5008552	591	27	184	44	16	0.56	6.67%	2.36	3.81	1.20	1.30	1.57	0.06
5008553	709	18	183	64	13	0.74	7.64%	2.16	7.07%	1.21	1.54	1.61	0.06
5008554	590	17	208	28	18	0.49	6.62%	2.59	3.80	1.44	1.16	1.76	0.08
5008555	876	16	181	28	18	0.49	6.67%	2.52	4.34	1.57	0.98	1.58	0.08
5008556	809	10	314	30	15	0.40	8.16%	3.42	4.24	1.52	0.98	2.58	0.06
5008557	483	17	185	34	15	0.50	7.19%	2.26	4.10	1.38	1.25	1.73	0.08
5008558	595	27	185	49	23	0.43	7.55%	2.21	4.55	1.38	1.30	1.56	0.16
5008559	664	27	220	30	16	0.44	6.95%	2.40	3.82	1.55	1.33	1.80	0.06
5008560	829	26	200	38	17	0.47	8.20%	2.09	5.04%	1.72	1.55	1.84	0.06
5008561	704	31	243	38	14	0.41	7.14%	2.16	3.90	1.50	1.50	1.83	0.09
5008562	730	30	241	37	14	0.44	7.62%	2.29	4.15	1.56	1.64	1.98	0.09
5008563	742	31	227	39	15	0.42	7.69%	2.13	4.36	1.54	1.67	1.83	0.08
5008564	903	26	186	39	17	0.36	6.88%	2.31	4.48	1.45	1.29	1.44	0.11
5008565	775	26	202	36	16	0.39	6.95%	2.50	4.25	1.31	1.27	1.55	0.10
5008566	694	26	201	41	20	0.53	7.53%	2.41	4.23	1.59	1.28	1.63	0.11
5008567	1118	32	220	39	16	0.49	7.70%	2.42	4.33	1.54	1.56	1.87	0.10
5008568	756	29	209	31	15	0.42	7.27%	2.22	4.11	1.51	1.50	1.73	0.09
5008569	761	34	237	39	15	0.42	7.36%	2.36	4.02	1.43	1.64	1.82	0.10
5008570	1203	10	334	11	7	0.15	6.86%	3.12	8.67%	1.12	2.41	1.10	0.07
5008571	463	21	246	46	11	0.39	7.70%	2.17	3.77	1.20	1.51	1.86	0.11
5008572	673	24	204	27	13	0.36	6.37%	2.23	3.36	1.23	1.36	1.45	0.09
5008573	726	26	195	41	14	0.38	7.01%	2.09	3.96	1.28	1.47	1.54	0.12
5008574	632	26	186	35	16	0.39	7.13%	2.47	4.22	1.39	1.43	1.46	0.13
5008575	712	27	198	43	18	0.49	7.95%	2.47	5.13%	1.60	1.46	1.76	0.13
5008576	805	11	318	30	15	0.40	8.18%	3.40	4.22	1.53	0.95	2.61	0.06
5008577	1311	22	177	39	17	0.38	6.72%	2.09	5.77%	1.49	1.26	1.45	0.13
5008578	2565	27	166	45	18	0.35	7.44%	2.17	7.13%	1.54	1.37	1.39	0.18
5008579	568	32	214	34	15	0.42	6.86%	2.29	3.66	1.38	1.43	1.68	0.10
5008580	563	32	231	38	14	0.41	7.31%	2.30	3.87	1.37	1.55	1.78	0.10
5008581	868	28	226	33	15	0.40	7.28%	2.20	4.17	1.57	1.51	1.84	0.08
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

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Section 1 of 2

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5008582	Soil	<0.07	<0.5	35	<2	65	35	<5	<3	3	<2	<2	<0.2	26	149	916	<5	157	138
5008583	Soil	<0.07	<0.5	34	10	56	23	<5	<3	3	<2	<2	<0.2	22	85	850	<5	126	141
5008584	Soil	<0.07	<0.5	20	<2	73	16	<5	<3	4	<2	<2	<0.2	17	57	912	<5	112	125
5008585	Soil	<0.07	<0.5	59	17	64	47	<5	<3	4	<2	<2	<0.2	34	209	759	<5	249	168
5008586	Soil	<0.07	<0.5	34	<2	90	20	<5	<3	5	<2	<2	<0.2	25	66	918	<5	138	157
5008587	Soil	<0.07	<0.5	43	3	69	39	<5	<3	4	<2	<2	<0.2	24	58	1157	<5	119	163
5008588	Soil	<0.07	<0.5	50	<2	85	31	<5	<3	3	<2	<2	<0.2	20	38	852	<5	99	127
5008589	Soil	<0.07	<0.5	75	<2	75	34	<5	<3	4	<2	<2	<0.2	21	41	917	<5	111	150
5008590	Soil	0.77	<0.5	7772	21	153	<5	26	<3	11	<2	<2	<0.2	13	19	645	<5	45	99
5008591	Soil	<0.07	<0.5	89	<2	86	40	<5	<3	4	<2	<2	<0.2	22	38	803	<5	103	135
5008592	Soil	<0.07	<0.5	7	26	35	15	<5	<3	5	<2	<2	<0.2	19	13	740	<5	85	163
5008593	Soil	<0.07	<0.5	5	21	41	13	<5	<3	6	<2	<2	<0.2	22	11	664	<5	90	161
5008594	Soil	<0.07	<0.5	<1	29	16	7	<5	<3	4	<2	<2	<0.2	18	6	750	<5	66	131
5008595	Soil	<0.07	<0.5	5	16	32	28	<5	<3	5	<2	<2	<0.2	22	14	736	<5	90	247
5008596	Soil	<0.07	<0.5	27	<2	69	<5	<5	<3	6	<2	<2	<0.2	19	29	519	10	68	133
5008597	Soil	<0.07	<0.5	50	8	61	28	<5	<3	4	<2	<2	<0.2	17	29	892	<5	100	147
5008598	Soil	<0.07	<0.5	5	7	50	103	<5	<3	5	<2	<2	<0.2	25	18	744	<5	107	289
5008599	Soil	0.08	<0.5	6	15	31	32	<5	<3	3	<2	<2	<0.2	19	16	846	<5	106	213
5008600	Soil	<0.07	<0.5	14	13	48	24	<5	<3	5	<2	<2	<0.2	24	17	711	<5	100	232
5008601	Soil	<0.07	<0.5	3	20	37	7	<5	<3	6	<2	<2	<0.2	22	10	702	<5	95	180
5008602	Soil	<0.07	<0.5	3	324	32	10	<5	<3	5	<2	<2	<0.2	20	8	707	<5	87	171
5008603	Soil	<0.07	<0.5	45	<2	62	27	<5	<3	4	<2	<2	<0.2	18	33	808	<5	105	149
5008604	Soil	<0.07	<0.5	10	7	51	23	<5	<3	4	<2	<2	<0.2	18	22	919	<5	97	189
5008605	Soil	<0.07	<0.5	29	<2	55	37	<5	<3	3	<2	<2	<0.2	19	42	906	<5	111	164
5008606	Soil	<0.07	<0.5	55	5	84	34	<5	<3	4	<2	<2	<0.2	29	120	1077	<5	184	159
5008607	Soil	<0.07	<0.5	47	<2	67	31	<5	<3	4	<2	<2	<0.2	26	110	872	<5	167	165
5008608	Soil	<0.07	<0.5	52	11	74	25	<5	<3	3	<2	<2	<0.2	27	72	961	<5	137	163
5008609	Soil	<0.07	<0.5	38	397	79	34	<5	<3	4	<2	<2	<0.2	30	200	963	<5	224	143
5008610	Soil	0.81	<0.5	7456	16	156	<5	28	<3	12	<2	<2	<0.2	12	19	662	<5	45	98
5008611	Soil	<0.07	<0.5	72	<2	101	49	<5	<3	5	<2	<2	<0.2	32	105	1190	<5	167	181
5008612	Soil	<0.07	<0.5	43	4	73	33	<5	<3	4	<2	<2	<0.2	24	130	952	<5	150	130
5008613	Soil	<0.07	<0.5	17	<2	64	17	<5	<3	4	<2	<2	<0.2	18	50	839	<5	111	127
5008614	Soil	<0.07	<0.5	35	6	113	23	<5	<3	4	<2	<2	<0.2	22	98	960	<5	140	149
5008615	Soil	<0.07	<0.5	35	8	122	37	<5	<3	4	<2	<2	<0.2	25	99	929	<5	140	142
5008616	Soil	<0.07	<0.5	34	41	69	<5	<5	<3	5	<2	<2	<0.2	18	28	512	8	65	130
5008617	Soil	<0.07	<0.5	36	<2	111	78	<5	<3	5	<2	<2	<0.2	28	145	961	<5	160	143
5008618	Soil	<0.07	<0.5	31	5	67	8	<5	<3	3	<2	<2	<0.2	20	98	969	<5	133	124
5008619	Soil	<0.07	<0.5	45	<2	111	25	<5	<3	4	<2	<2	<0.2	18	146	900	<5	133	120
5008620	Soil	<0.07	<0.5	41	<2	87	37	<5	<3	4	<2	<2	<0.2	26	147	1134	<5	169	148
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5008582	837	27	223	32	14	0.41	6.87%	2.15	3.94	1.57	1.57	1.96	0.08
5008583	580	29	225	32	14	0.46	6.86%	2.38	3.63	1.35	1.38	1.77	0.08
5008584	478	25	228	33	12	0.41	6.72%	2.06	3.15	1.19	1.39	1.69	0.09
5008585	807	22	185	29	21	0.47	7.85%	1.91	5.76%	3.03	1.15	2.03	0.07
5008586	778	27	218	39	19	0.52	6.99%	2.82	4.21	1.47	1.24	1.66	0.10
5008587	836	31	226	38	17	0.56	7.45%	2.77	4.42	1.47	1.49	1.77	0.10
5008588	736	23	203	43	17	0.43	6.89%	2.78	4.03	1.16	1.35	1.60	0.13
5008589	704	27	206	45	18	0.51	8.07%	2.52	4.67	1.39	1.51	1.88	0.11
5008590	1243	9	331	9	7	0.15	7.06%	3.23	8.98%	1.16	2.49	1.15	0.07
5008591	911	29	191	61	18	0.48	7.45%	2.51	4.65	1.13	1.32	1.58	0.16
5008592	329	24	192	96	10	0.87	6.82%	1.31	2.28	0.58	1.76	1.80	0.09
5008593	353	24	171	152	9	1.12	7.39%	1.04	2.50	0.50	2.06	2.03	0.10
5008594	205	25	149	102	8	1.04	6.06%	0.92	1.00	0.37	1.73	1.48	0.04
5008595	330	21	156	84	14	1.04	6.67%	1.58	2.50	0.71	1.43	1.69	0.06
5008596	801	11	315	29	15	0.39	8.07%	3.34	4.16	1.51	0.95	2.57	0.06
5008597	384	20	165	50	15	0.49	7.27%	1.75	3.26	0.98	1.40	1.65	0.12
5008598	614	18	130	92	13	1.12	6.58%	1.27	4.50	0.69	1.38	1.51	0.10
5008599	344	20	154	66	14	0.97	7.31%	1.74	2.44	0.79	1.45	1.85	0.05
5008600	415	23	156	110	14	1.18	6.91%	2.28	3.82	0.76	1.38	1.60	0.07
5008601	260	25	175	149	9	1.16	7.61%	1.26	2.04	0.44	2.10	2.30	0.04
5008602	244	24	172	140	8	1.05	6.89%	1.10	1.73	0.39	2.10	2.12	0.03
5008603	476	29	186	63	13	0.51	6.81%	2.11	4.02	1.13	1.40	1.65	0.11
5008604	479	19	177	48	13	0.58	6.64%	1.82	2.94	0.93	1.43	1.64	0.04
5008605	556	23	211	28	15	0.44	6.31%	2.15	3.66	1.22	1.24	1.57	0.09
5008606	633	23	198	39	18	0.49	7.34%	2.23	4.29	2.11	1.40	1.62	0.09
5008607	670	22	188	33	15	0.46	6.70%	1.85	4.05	1.53	1.21	1.60	0.07
5008608	865	28	226	29	17	0.48	7.05%	2.45	4.29	1.68	1.33	1.77	0.11
5008609	657	28	219	38	15	0.41	6.92%	2.03	3.96	1.59	1.42	1.74	0.09
5008610	1157	10	336	9	7	0.15	6.76%	2.97	8.35%	1.14	2.49	1.16	0.07
5008611	1209	26	210	44	19	0.46	7.92%	2.20	5.10%	1.85	1.62	1.86	0.10
5008612	773	31	232	33	14	0.38	7.06%	2.20	3.77	1.38	1.62	1.90	0.11
5008613	510	25	219	26	11	0.39	6.87%	2.23	3.18	1.14	1.62	1.81	0.08
5008614	629	24	169	39	15	0.36	6.75%	2.12	4.09	1.52	1.38	1.43	0.15
5008615	906	24	189	38	16	0.36	6.53%	1.93	4.31	1.27	1.27	1.43	0.13
5008616	780	11	314	29	15	0.35	7.48%	2.96	3.79	1.38	0.96	2.40	0.06
5008617	1296	26	185	47	18	0.36	7.13%	1.65	5.07%	1.35	1.36	1.40	0.21
5008618	440	34	248	39	12	0.42	7.89%	1.95	2.93	1.30	1.66	2.04	0.08
5008619	544	27	184	39	14	0.31	6.18%	2.26	3.84	1.42	1.29	1.25	0.13
5008620	830	31	229	33	14	0.41	7.55%	2.59	4.23	1.82	1.79	1.85	0.10
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02
Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5008621	Soil	<0.07	<0.5	26	<2	70	62	<5	<3	4	<2	<2	<0.2	32	294	881	<5	317	133
5008622	Soil	<0.07	<0.5	27	<2	68	62	<5	<3	4	<2	<2	<0.2	32	298	880	<5	376	132
5008623	Soil	<0.07	<0.5	29	<2	57	26	<5	<3	3	<2	<2	<0.2	22	109	856	<5	141	132
5008624	Soil	<0.07	<0.5	34	<2	72	35	<5	<3	4	<2	<2	<0.2	27	164	908	<5	233	149
5008625	Soil	<0.07	<0.5	12	<2	61	13	<5	<3	4	<2	<2	<0.2	17	54	675	<5	116	137
5008626	Soil	<0.07	<0.5	<1	11	26	27	<5	<3	4	<2	<2	<0.2	23	349	568	<5	406	135
5008627	Soil	<0.07	<0.5	10	<2	50	25	<5	<3	4	<2	<2	<0.2	20	95	664	<5	160	182
5008628	Soil	<0.07	<0.5	33	<2	58	20	<5	<3	3	<2	<2	<0.2	27	167	829	<5	221	141
5008629	Soil	<0.07	<0.5	34	<2	71	20	<5	<3	4	<2	<2	<0.2	38	230	801	<5	264	149
5008630	Soil	0.77	<0.5	7240	15	155	5	26	<3	11	<2	<2	<0.2	13	19	625	<5	43	98
5008631	Soil	<0.07	<0.5	45	<2	98	24	<5	<3	4	<2	<2	<0.2	19	40	874	<5	113	139
5008632	Soil	<0.07	<0.5	19	<2	51	8	<5	<3	3	<2	<2	<0.2	12	17	321	<5	94	93
5008633	Soil	<0.07	<0.5	10	8	37	18	<5	<3	4	<2	<2	<0.2	17	15	665	<5	83	165
5008634	Soil	<0.07	<0.5	4	15	28	11	<5	<3	5	<2	<2	<0.2	19	12	726	<5	83	153
5008635	Soil	<0.07	<0.5	64	<2	65	32	<5	<3	5	<2	<2	<0.2	24	51	797	<5	126	170
5008636	Soil	<0.07	<0.5	24	<2	66	<5	<5	<3	5	<2	<2	<0.2	17	27	486	9	66	130
5008637	Soil	<0.07	<0.5	3	<2	60	<5	<5	<3	3	<2	<2	<0.2	12	26	1269	<5	100	73
5008638	Soil	0.12	<0.5	232	<2	311	122	<5	<3	7	<2	<2	<0.2	35	101	1180	<5	151	174
5008639	Soil	<0.07	<0.5	33	5	96	35	<5	<3	5	<2	<2	<0.2	21	32	807	<5	118	178
5008640	Soil	0.14	<0.5	135	<2	125	81	<5	<3	5	<2	<2	<0.2	24	65	683	<5	126	118
5008641	Soil	0.08	<0.5	158	<2	168	72	<5	<3	4	<2	<2	<0.2	28	70	868	<5	124	147
5008642	Soil	0.08	<0.5	144	<2	162	73	<5	<3	5	<2	<2	<0.2	28	66	836	<5	123	147
5008643	Soil	<0.07	<0.5	<1	10	21	13	<5	<3	4	<2	<2	<0.2	17	12	684	<5	83	175
5008644	Soil	<0.07	<0.5	17	6	62	40	<5	<3	5	<2	<2	<0.2	21	33	970	<5	126	229
5008645	Soil	<0.07	<0.5	<1	21	29	15	<5	<3	6	<2	<2	<0.2	23	10	612	<5	95	165
5008646	Soil	<0.07	<0.5	7	14	34	21	<5	<3	5	<2	<2	<0.2	20	15	814	<5	90	166
5008647	Soil	<0.07	<0.5	24	<2	92	28	<5	<3	4	<2	<2	<0.2	26	41	877	<5	128	165
5008648	Soil	<0.07	<0.5	52	<2	105	78	<5	<3	5	<2	<2	<0.2	29	107	943	<5	151	170
5008649	Soil	<0.07	<0.5	19	<2	68	57	<5	<3	2	<2	<2	<0.2	33	397	659	<5	466	128
5008650	Soil	0.76	<0.5	7868	11	151	5	24	<3	11	<2	<2	<0.2	12	18	615	<5	42	96
5008651	Soil	<0.07	<0.5	29	<2	81	22	<5	<3	3	<2	<2	<0.2	24	123	895	<5	174	141
5008652	Soil	<0.07	<0.5	35	<2	113	45	<5	<3	4	<2	<2	<0.2	30	172	938	<5	193	144
5008653	Soil	<0.07	<0.5	38	<2	114	131	<5	<3	4	<2	<2	<0.2	32	259	975	<5	229	144
5008654	Soil	<0.07	<0.5	34	<2	104	97	<5	<3	4	<2	<2	<0.2	28	235	910	<5	207	128
5008655	Soil	<0.07	<0.5	28	<2	109	39	<5	<3	5	<2	<2	<0.2	27	182	973	<5	189	132
5008656	Soil	<0.07	<0.5	25	<2	67	5	<5	<3	5	<2	<2	<0.2	18	28	507	9	68	131
5008657	Soil	<0.07	<0.5	5	8	29	11	<5	<3	3	<2	<2	<0.2	13	46	715	<5	118	117
5008658	Soil	<0.07	<0.5	38	<2	87	20	<5	<3	5	<2	<2	<0.2	21	75	1064	<5	128	143
5008659	Soil	<0.07	<0.5	39	<2	141	29	<5	<3	5	<2	<2	<0.2	25	92	1171	<5	136	152
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5008621	788	29	225	34	14	0.39	6.49%	2.16	3.82	1.96	1.57	1.97	0.09
5008622	689	32	225	32	14	0.39	6.58%	2.09	3.90	1.85	1.49	1.77	0.09
5008623	674	24	216	29	14	0.36	6.16%	2.02	3.30	1.39	1.30	1.73	0.08
5008624	678	28	212	36	15	0.43	6.77%	2.10	3.93	1.80	1.39	1.71	0.09
5008625	439	23	197	40	10	0.42	6.38%	1.39	5.18%	1.07	1.31	1.55	0.04
5008626	220	21	126	58	9	0.70	4.72	0.94	1.48	2.57	1.02	1.16	0.03
5008627	427	23	169	51	10	0.54	5.84%	1.30	5.84%	1.14	1.20	1.46	0.03
5008628	709	27	219	28	15	0.42	6.56%	2.13	3.75	2.00	1.28	1.79	0.08
5008629	628	25	208	43	16	0.50	7.03%	2.12	4.23	2.09	1.26	1.75	0.08
5008630	1140	10	334	13	7	0.15	6.63%	2.93	8.26%	1.10	2.41	1.12	0.07
5008631	588	27	203	57	14	0.45	6.71%	1.67	3.79	1.19	1.37	1.70	0.09
5008632	333	17	89	114	9	0.38	6.33%	0.79	5.16%	0.58	0.92	1.01	0.12
5008633	338	21	173	68	12	0.74	6.00%	1.36	2.34	0.66	1.31	1.50	0.15
5008634	286	26	181	110	10	0.91	6.75%	1.28	1.93	0.56	1.84	1.98	0.07
5008635	694	18	139	31	17	0.42	6.66%	1.78	4.92	1.61	0.94	1.34	0.07
5008636	770	10	307	27	14	0.38	7.91%	3.20	4.03	1.49	0.91	2.58	0.06
5008637	715	13	9	36	9	0.26	5.27%	0.15	2.81	0.88	2.50	0.10	0.03
5008638	3496	29	89	56	48	0.28	8.03%	2.11	7.64%	1.41	0.92	0.49	0.29
5008639	448	22	134	113	12	0.72	7.08%	1.03	4.67	0.90	1.68	1.54	0.11
5008640	1185	41	174	119	32	0.47	7.93%	2.16	5.82%	1.09	1.37	1.58	0.27
5008641	1695	36	111	50	38	0.35	8.38%	1.78	6.41%	1.32	0.85	0.94	0.23
5008642	1464	32	111	49	34	0.33	7.44%	1.69	5.85%	1.22	0.84	0.88	0.22
5008643	249	20	148	55	12	0.86	6.22%	1.31	1.65	0.57	1.20	1.50	0.05
5008644	528	18	131	58	17	0.75	8.16%	1.61	3.50	1.15	1.34	1.54	0.09
5008645	249	26	142	168	8	1.31	6.52%	0.98	1.87	0.46	1.89	1.85	0.08
5008646	284	26	155	107	11	1.05	7.02%	1.41	2.32	0.72	1.66	1.64	0.07
5008647	847	22	186	85	13	0.67	7.82%	1.75	4.55	1.32	1.70	1.96	0.12
5008648	1209	25	175	50	17	0.55	7.61%	1.89	6.56%	1.59	1.44	1.52	0.11
5008649	518	22	181	24	13	0.38	5.76%	1.82	3.72	2.34	1.01	1.47	0.07
5008650	1239	10	327	10	7	0.16	7.13%	3.20	8.92%	1.20	2.58	1.20	0.07
5008651	662	28	207	30	14	0.42	6.97%	2.07	3.83	1.73	1.44	1.74	0.08
5008652	1178	22	175	37	16	0.36	6.79%	1.69	4.63	1.82	1.24	1.45	0.11
5008653	697	24	182	41	16	0.38	7.50%	1.55	5.12%	1.69	1.37	1.62	0.09
5008654	664	25	189	37	16	0.36	7.07%	1.83	4.58	1.58	1.42	1.60	0.11
5008655	545	30	196	51	15	0.39	7.18%	1.72	4.13	1.43	1.48	1.65	0.11
5008656	776	11	309	30	14	0.38	7.63%	3.13	3.89	1.46	0.94	2.53	0.06
5008657	294	25	164	40	9	0.47	5.71%	1.28	1.88	0.79	1.43	1.43	0.07
5008658	714	32	222	32	13	0.37	6.72%	2.07	3.50	1.29	1.64	1.70	0.10
5008659	869	26	176	48	15	0.42	7.69%	1.99	4.80	1.64	1.63	1.56	0.15
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Project: 02
Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5008660	Soil	<0.07	<0.5	30	<2	79	20	<5	<3	4	<2	<2	<0.2	20	84	843	<5	118	120
5008661	Soil	<0.07	<0.5	24	5	66	14	<5	<3	4	<2	<2	<0.2	19	58	830	<5	104	128
5008662	Soil	<0.07	<0.5	21	<2	60	11	<5	<3	4	<2	<2	<0.2	19	49	814	<5	100	128
5008663	Soil	<0.07	<0.5	32	<2	105	24	<5	<3	3	<2	<2	<0.2	19	60	839	<5	104	129
5008664	Soil	<0.07	<0.5	25	<2	95	22	<5	<3	3	<2	<2	<0.2	18	61	848	<5	105	131
5008665	Soil	<0.07	<0.5	15	<2	52	18	<5	<3	3	<2	<2	<0.2	18	67	825	<5	104	123
5008666	Soil	<0.07	<0.5	18	<2	66	13	<5	<3	3	<2	<2	<0.2	19	68	788	<5	121	121
5008667	Soil	<0.07	<0.5	25	<2	91	24	<5	<3	6	<2	<2	<0.2	21	24	652	<5	100	139
5008668	Soil	<0.07	<0.5	55	<2	77	66	<5	<3	4	<2	<2	<0.2	22	46	1127	<5	117	132
5008669	Soil	<0.07	<0.5	33	<2	91	16	<5	<3	3	<2	<2	<0.2	20	35	866	<5	100	123
5008670	Soil	0.75	<0.5	7622	13	149	<5	25	<3	11	<2	<2	<0.2	12	18	511	<5	43	95
5008671	Soil	<0.07	<0.5	7	4	47	17	<5	<3	3	<2	<2	<0.2	17	22	778	<5	93	172
5008672	Soil	<0.07	<0.5	<1	19	38	<5	<5	<3	6	<2	<2	<0.2	20	9	712	<5	85	144
5008673	Soil	<0.07	<0.5	20	<2	98	17	<5	<3	4	<2	<2	<0.2	20	33	747	<5	101	142
5008674	Soil	<0.07	<0.5	13	<2	98	22	<5	<3	4	<2	<2	<0.2	17	27	758	<5	92	132
5008675	Soil	<0.07	<0.5	3	12	70	8	<5	<3	4	<2	<2	<0.2	15	12	750	<5	81	116
5008676	Soil	<0.07	<0.5	24	<2	67	<5	<5	<3	6	<2	<2	<0.2	18	28	497	9	67	128
5008677	Soil	<0.07	<0.5	82	<2	157	19	<5	<3	3	<2	<2	<0.2	20	48	775	<5	109	108
5008678	Soil	<0.07	<0.5	38	<2	101	19	<5	<3	4	<2	<2	<0.2	17	34	845	<5	88	107
5008679	Soil	<0.07	<0.5	4	10	23	<5	<5	<3	3	<2	<2	<0.2	11	9	723	<5	50	104
5008680	Soil	<0.07	<0.5	<1	16	35	<5	<5	<3	5	<2	<2	<0.2	21	9	552	<5	77	199
5008681	Soil	<0.07	<0.5	2	10	22	<5	<5	<3	4	<2	<2	<0.2	9	6	669	<5	44	90
5008682	Soil	<0.07	<0.5	2	10	24	<5	<5	<3	3	<2	<2	<0.2	11	8	659	<5	42	113
5008683	Soil	<0.07	<0.5	15	<2	51	<5	<5	<3	4	<2	<2	<0.2	17	36	822	<5	89	102
5008684	Soil	<0.07	<0.5	45	<2	96	19	<5	<3	4	<2	<2	<0.2	21	49	876	<5	109	133
5008685	Soil	<0.07	<0.5	13	<2	54	8	<5	<3	3	<2	<2	<0.2	14	28	855	<5	82	106
5008686	Soil	<0.07	<0.5	3	17	47	6	<5	<3	6	<2	<2	<0.2	20	10	760	<5	92	132
5008687	Soil	<0.07	<0.5	11	<2	42	12	<5	<3	3	<2	<2	<0.2	14	22	768	<5	85	124
5008688	Soil	<0.07	<0.5	<1	16	25	7	<5	<3	5	<2	<2	<0.2	17	7	702	<5	73	129
5008689	Soil	<0.07	<0.5	3	10	40	24	<5	<3	5	<2	<2	<0.2	24	16	659	<5	113	273
5008690	Soil	0.79	<0.5	7662	12	151	<5	24	<3	11	<2	<2	<0.2	12	18	605	<5	42	96
5008691	Soil	<0.07	<0.5	7	31	27	21	<5	<3	9	<2	<2	<0.2	26	7	630	<5	117	195
5008692	Soil	<0.07	<0.5	5	10	39	16	<5	<3	4	<2	<2	<0.2	18	15	661	<5	88	173
5008693	Soil	<0.07	<0.5	2	8	30	11	<5	6	4	<2	<2	<0.2	18	13	794	<5	90	182
5008694	Soil	<0.07	<0.5	13	<2	47	20	<5	<3	4	<2	<2	<0.2	17	30	842	<5	94	142
5008695	Soil	<0.07	<0.5	2	13	22	7	<5	<3	3	<2	<2	<0.2	13	8	784	<5	65	115
5008696	Soil	<0.07	<0.5	25	<2	67	<5	<5	<3	5	<2	<2	<0.2	18	28	505	10	67	131
5008697	Soil	<0.07	<0.5	77	<2	136	35	<5	<3	5	<2	<2	<0.2	34	61	1396	<5	141	210
5008698	Soil	<0.07	<0.5	9	3	32	10	<5	<3	3	<2	<2	<0.2	12	11	826	<5	78	170
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5008660	683	23	211	35	12	0.38	6.72%	2.22	3.63	1.33	1.54	1.73	0.11
5008661	607	20	222	33	12	0.42	6.79%	2.13	3.43	1.26	1.56	1.76	0.09
5008662	610	21	234	32	12	0.41	6.66%	2.21	3.19	1.24	1.56	1.82	0.08
5008663	467	21	198	37	14	0.38	6.52%	1.97	3.80	1.17	1.32	1.54	0.11
5008664	422	19	187	38	13	0.40	6.84%	1.95	3.92	1.27	1.45	1.65	0.10
5008665	609	19	224	26	12	0.44	6.91%	2.36	3.29	1.36	1.65	1.92	0.09
5008666	682	36	231	27	13	0.48	6.96%	2.65	3.40	1.33	1.54	1.85	0.10
5008667	726	24	206	109	9	0.70	7.55%	2.31	6.08%	0.96	1.87	2.14	0.11
5008668	809	26	231	31	18	0.39	7.10%	2.15	4.29	1.27	1.54	1.78	0.10
5008669	843	21	186	55	14	0.39	6.46%	2.22	4.00	1.04	1.30	1.48	0.16
5008670	1216	11	323	8	7	0.15	6.97%	3.17	8.78%	1.16	2.53	1.17	0.07
5008671	388	21	163	44	12	0.57	6.20%	1.53	2.81	0.96	1.38	1.48	0.06
5008672	284	25	179	111	10	1.05	6.97%	1.10	1.59	0.49	1.76	1.89	0.07
5008673	604	24	184	59	12	0.49	6.83%	1.55	4.84	1.07	1.41	1.63	0.10
5008674	423	25	220	56	10	0.49	7.09%	1.71	3.92	1.02	1.60	1.96	0.10
5008675	292	29	221	77	9	0.64	6.63%	1.48	1.94	0.58	1.80	2.02	0.04
5008676	775	10	305	25	14	0.37	7.76%	3.13	3.92	1.48	0.91	2.59	0.06
5008677	904	24	191	44	29	0.34	6.92%	2.44	4.19	1.10	1.24	1.46	0.18
5008678	721	25	221	36	15	0.36	6.46%	2.81	3.33	1.12	1.38	1.65	0.12
5008679	220	22	189	39	8	0.49	5.57%	1.17	1.18	0.38	1.40	1.58	0.06
5008680	319	23	156	119	7	1.12	5.44%	0.93	2.53	0.43	1.36	1.40	0.04
5008681	197	29	167	36	4	0.41	4.49	0.78	1.24	0.23	1.47	1.21	0.03
5008682	211	23	165	43	5	0.51	4.80	0.74	1.74	0.29	1.49	1.18	0.03
5008683	554	27	286	32	10	0.35	7.06%	2.00	3.13	1.12	1.74	2.18	0.07
5008684	509	31	217	43	20	0.42	7.11%	2.12	4.09	1.24	1.36	1.68	0.12
5008685	429	21	249	25	11	0.37	6.35%	2.03	2.65	0.99	1.55	1.90	0.08
5008686	391	25	196	139	8	1.00	7.50%	1.58	1.83	0.51	2.15	2.42	0.07
5008687	353	24	203	38	10	0.49	6.67%	1.67	2.82	0.93	1.60	1.86	0.07
5008688	221	27	162	104	8	0.88	6.00%	0.95	1.36	0.38	1.75	1.70	0.06
5008689	344	22	142	94	14	1.15	6.99%	1.32	2.97	0.72	1.36	1.65	0.05
5008690	1210	8	327	9	7	0.15	6.96%	3.15	8.70%	1.17	2.53	1.18	0.07
5008691	195	27	130	199	7	1.48	6.87%	0.61	1.32	0.30	1.97	1.82	0.06
5008692	325	24	156	79	11	0.81	6.50%	1.20	2.59	0.66	1.51	1.48	0.11
5008693	317	21	172	68	14	0.89	6.89%	1.66	2.26	0.71	1.61	1.85	0.06
5008694	495	30	219	26	12	0.52	6.87%	2.09	3.74	1.12	1.53	1.80	0.04
5008695	234	24	187	55	8	0.63	5.84%	1.19	1.30	0.41	1.71	1.69	0.04
5008696	790	10	310	25	15	0.39	8.19%	3.30	4.16	1.55	0.92	2.68	0.06
5008697	1848	20	129	41	21	0.45	7.80%	2.11	6.15%	1.94	1.20	1.29	0.11
5008698	243	20	138	53	12	0.57	6.28%	1.09	1.64	0.60	1.24	1.55	0.03
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples 712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5014501	Soil	<0.07	<0.5	43	<2	73	14	<5	<3	4	<2	<2	<0.2	21	48	1335	<5	102	143
5014502	Soil	<0.07	<0.5	34	<2	72	13	<5	<3	4	<2	<2	<0.2	20	46	1129	<5	102	134
5014503	Soil	<0.07	<0.5	39	<2	76	16	<5	<3	4	<2	<2	<0.2	24	51	1129	<5	111	140
5014504	Soil	<0.07	<0.5	32	<2	58	11	<5	<3	3	<2	<2	<0.2	19	43	905	<5	105	134
5014505	Soil	<0.07	<0.5	19	<2	50	11	<5	<3	3	<2	<2	<0.2	14	39	744	<5	93	118
5014506	Soil	<0.07	<0.5	27	<2	54	10	<5	<3	4	<2	<2	<0.2	17	38	755	<5	101	132
5014507	Soil	<0.07	<0.5	45	<2	73	31	<5	<3	4	<2	<2	<0.2	28	67	1128	<5	137	170
5014508	Soil	<0.07	<0.5	24	<2	55	22	<5	<3	3	<2	<2	<0.2	24	84	757	<5	166	143
5014509	Soil	<0.07	<0.5	33	<2	50	15	<5	<3	3	<2	<2	<0.2	20	39	882	<5	101	137
5014510	Soil	0.75	<0.5	7795	13	152	16	24	<3	11	<2	<2	<0.2	12	19	346	<5	42	97
5014511	Soil	<0.07	<0.5	33	<2	56	15	<5	<3	3	<2	<2	<0.2	21	41	878	<5	104	141
5014512	Soil	<0.07	<0.5	61	<2	98	23	<5	<3	5	<2	<2	<0.2	23	47	908	<5	114	140
5014513	Soil	<0.07	<0.5	49	<2	78	27	<5	<3	3	<2	<2	<0.2	22	44	873	<5	100	129
5014514	Soil	<0.07	<0.5	43	<2	73	11	<5	<3	4	<2	<2	<0.2	23	43	865	<5	101	135
5014515	Soil	<0.07	<0.5	47	<2	89	19	<5	<3	3	<2	<2	<0.2	20	39	821	<5	102	130
5014516	Soil	<0.07	<0.5	26	<2	67	<5	<5	<3	6	<2	<2	<0.2	18	28	505	10	68	131
5014517	Soil	<0.07	<0.5	44	<2	55	18	<5	<3	3	<2	<2	<0.2	23	44	888	<5	110	147
5014518	Soil	<0.07	<0.5	68	<2	63	23	<5	<3	3	<2	<2	<0.2	24	54	1129	<5	110	146
5014519	Soil	<0.07	<0.5	39	<2	59	14	<5	<3	3	<2	<2	<0.2	25	77	881	<5	128	138
5014520	Soil	<0.07	<0.5	41	<2	61	19	<5	<3	3	<2	<2	<0.2	26	51	1119	<5	121	162
5014521	Soil	<0.07	<0.5	83	<2	82	15	<5	<3	4	<2	<2	<0.2	25	56	986	<5	125	149
5014522	Soil	<0.07	<0.5	51	<2	64	14	<5	<3	4	<2	<2	<0.2	24	49	937	<5	112	143
5014523	Soil	<0.07	<0.5	41	<2	66	15	<5	<3	3	<2	<2	<0.2	23	52	1172	<5	112	142
5014524	Soil	<0.07	<0.5	28	<2	61	7	<5	<3	4	<2	<2	<0.2	19	40	905	<5	96	117
5014525	Soil	<0.07	<0.5	47	<2	97	11	<5	<3	6	<2	<2	<0.2	22	62	1393	<5	120	153
5014526	Soil	<0.07	<0.5	22	<2	50	5	<5	<3	4	<2	<2	<0.2	16	35	893	<5	95	115
5014527	Soil	<0.07	<0.5	30	<2	60	11	<5	<3	4	<2	<2	<0.2	20	43	930	<5	107	129
5014528	Soil	<0.07	<0.5	51	<2	66	16	<5	<3	3	<2	<2	<0.2	24	56	989	<5	121	150
5014529	Soil	<0.07	<0.5	37	<2	59	18	<5	<3	3	<2	<2	<0.2	24	49	930	<5	110	142
5014530	Soil	0.76	<0.5	7600	10	150	17	24	<3	11	<2	<2	<0.2	12	19	213	<5	42	96
5014531	Soil	<0.07	<0.5	29	<2	53	13	<5	<3	4	<2	<2	<0.2	22	42	930	<5	107	138
5014532	Soil	<0.07	<0.5	38	<2	61	13	<5	<3	4	<2	<2	<0.2	23	49	983	<5	118	147
5014533	Soil	<0.07	<0.5	28	<2	62	17	<5	<3	4	<2	<2	<0.2	21	36	857	<5	103	138
5014534	Soil	<0.07	<0.5	43	<2	57	14	<5	<3	4	<2	<2	<0.2	23	43	913	<5	103	144
5014535	Soil	<0.07	<0.5	51	<2	54	18	<5	<3	4	<2	<2	<0.2	22	44	860	<5	102	140
5014536	Soil	<0.07	<0.5	26	<2	67	<5	<5	<3	6	<2	<2	<0.2	18	28	495	10	68	131
5014537	Soil	0.08	<0.5	48	<2	65	24	<5	<3	4	<2	<2	<0.2	25	48	954	<5	111	149
5014538	Soil	<0.07	<0.5	36	<2	81	17	<5	<3	3	<2	<2	<0.2	21	42	891	<5	106	141
5014539	Soil	<0.07	<0.5	28	<2	44	6	<5	<3	4	<2	<2	<0.2	15	37	828	<5	86	99
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5014501	813	26	219	30	14	0.43	7.97%	2.34	4.26	1.59	1.86	2.10	0.09
5014502	813	26	223	35	14	0.38	7.12%	2.05	3.61	1.35	1.65	1.87	0.09
5014503	1128	31	220	39	15	0.44	7.34%	2.10	3.99	1.38	1.59	1.92	0.08
5014504	584	26	213	33	12	0.41	7.41%	1.96	3.94	1.36	1.55	1.89	0.07
5014505	517	22	192	31	11	0.37	6.11%	2.10	2.74	1.00	1.26	1.57	0.06
5014506	481	22	171	32	12	0.42	7.03%	1.69	3.83	1.24	1.28	1.61	0.05
5014507	990	27	209	36	17	0.52	7.72%	2.25	4.64	1.68	1.46	1.93	0.08
5014508	625	21	164	30	14	0.42	7.34%	1.93	4.89	1.57	1.14	1.56	0.07
5014509	652	30	226	30	15	0.48	6.87%	2.51	3.50	1.37	1.42	1.99	0.09
5014510	1226	9	323	9	7	0.16	7.06%	3.17	8.79%	1.19	2.61	1.22	0.07
5014511	682	27	208	30	14	0.49	7.11%	2.53	3.76	1.55	1.42	1.92	0.09
5014512	664	26	182	45	19	0.43	7.44%	1.94	4.23	1.39	1.32	1.62	0.10
5014513	2740	23	179	36	17	0.43	7.02%	2.63	4.37	1.47	1.24	1.69	0.09
5014514	576	30	215	43	16	0.45	6.90%	2.41	3.71	1.35	1.34	1.78	0.09
5014515	465	25	183	41	17	0.45	7.25%	2.66	4.04	1.45	1.25	1.70	0.11
5014516	778	10	310	29	15	0.38	7.92%	3.19	4.02	1.48	0.94	2.57	0.06
5014517	706	28	205	34	17	0.47	6.67%	2.43	3.77	1.51	1.27	1.80	0.08
5014518	871	25	192	35	16	0.43	6.90%	2.06	3.92	1.47	1.37	1.67	0.09
5014519	777	26	191	38	15	0.45	7.55%	2.12	4.06	1.65	1.42	1.82	0.07
5014520	893	27	185	33	17	0.48	7.06%	2.29	4.39	1.77	1.30	1.77	0.09
5014521	642	27	179	30	16	0.44	7.43%	2.21	4.31	1.68	1.35	1.72	0.09
5014522	644	26	193	32	15	0.46	7.19%	2.32	3.96	1.62	1.38	1.84	0.09
5014523	884	31	217	33	15	0.43	7.25%	3.03	3.99	1.76	1.55	1.89	0.09
5014524	698	33	266	36	12	0.39	7.34%	2.17	3.41	1.17	1.59	2.10	0.09
5014525	781	32	213	54	14	0.43	8.84%	1.87	5.03%	1.64	2.04	1.92	0.09
5014526	537	29	244	32	12	0.42	7.66%	2.31	3.28	1.25	1.71	2.13	0.08
5014527	635	30	238	38	14	0.46	7.52%	2.42	3.80	1.40	1.57	2.08	0.08
5014528	878	26	203	32	16	0.46	7.21%	2.48	4.23	1.64	1.45	1.77	0.08
5014529	768	23	182	29	14	0.42	7.22%	2.15	4.13	1.58	1.33	1.72	0.08
5014530	1213	12	323	11	7	0.16	7.02%	3.16	8.80%	1.16	2.50	1.16	0.07
5014531	751	30	203	35	14	0.44	7.12%	2.12	3.85	1.44	1.43	1.86	0.09
5014532	678	29	203	40	16	0.44	7.00%	2.21	3.88	1.56	1.34	1.75	0.07
5014533	514	28	210	42	15	0.48	7.21%	2.46	3.72	1.33	1.32	1.87	0.07
5014534	557	28	215	32	16	0.50	7.01%	2.64	3.73	1.50	1.39	1.93	0.08
5014535	882	29	209	35	18	0.47	6.78%	2.49	3.67	1.45	1.30	1.84	0.09
5014536	785	12	311	31	15	0.43	8.97%	3.69	4.58	1.72	0.93	2.94	0.06
5014537	854	33	213	36	17	0.50	7.40%	2.65	4.42	1.67	1.45	1.94	0.09
5014538	620	27	205	36	16	0.44	6.71%	2.56	3.79	1.46	1.27	1.78	0.09
5014539	396	30	278	28	10	0.37	8.33%	2.37	3.00	1.23	1.81	2.45	0.08
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
iPL 8I4255

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Client : Hawthorne Gold Corp
Project: 02
Ship# **712 Samples**
712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008
Print: Oct 23, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5014540	Soil	<0.07	<0.5	30	<2	64	11	<5	<3	4	<2	<2	<0.2	21	44	948	<5	106	137
5014541	Soil	<0.07	<0.5	36	<2	59	13	<5	<3	4	<2	<2	<0.2	22	48	930	<5	115	141
5014542	Soil	<0.07	<0.5	37	<2	58	11	<5	<3	3	<2	<2	<0.2	21	44	921	<5	115	138
5014543	Soil	<0.07	<0.5	38	<2	86	25	<5	<3	4	<2	<2	<0.2	26	50	888	<5	124	153
5014544	Soil	<0.07	<0.5	32	<2	55	12	<5	<3	3	<2	<2	<0.2	19	42	913	<5	102	125
5014545	Soil	<0.07	<0.5	32	<2	75	17	<5	<3	4	<2	<2	<0.2	23	41	863	<5	105	135
5014546	Soil	0.11	<0.5	40	<2	72	14	<5	<3	4	<2	<2	<0.2	26	46	956	<5	117	155
5014547	Soil	<0.07	<0.5	23	<2	64	20	<5	<3	3	<2	<2	<0.2	24	44	874	<5	113	162
5014548	Soil	<0.07	<0.5	34	<2	75	21	<5	<3	4	<2	<2	<0.2	22	41	842	<5	104	144
5014549	Soil	<0.07	<0.5	40	<2	62	18	<5	<3	4	<2	<2	<0.2	22	44	889	<5	108	139
5014550	Soil	0.79	<0.5	8114	12	154	<5	25	<3	11	<2	<2	<0.2	12	20	626	<5	43	98
5014551	Soil	<0.07	<0.5	33	<2	58	15	<5	<3	3	<2	<2	<0.2	22	43	891	<5	108	137
5014552	Soil	<0.07	<0.5	37	<2	57	11	<5	<3	3	<2	<2	<0.2	20	45	870	<5	103	132
5014553	Soil	<0.07	<0.5	33	<2	95	15	<5	<3	5	<2	<2	<0.2	24	49	1150	<5	109	136
5014554	Soil	<0.07	<0.5	30	<2	58	7	<5	<3	5	<2	<2	<0.2	19	44	913	<5	107	121
5014555	Soil	<0.07	<0.5	46	<2	73	21	<5	<3	5	<2	<2	<0.2	24	51	1083	<5	110	135
5014556	Soil	<0.07	<0.5	26	<2	69	<5	<5	<3	5	<2	<2	<0.2	18	29	504	9	70	134
5014557	Soil	<0.07	<0.5	35	<2	84	14	<5	<3	4	<2	<2	<0.2	23	51	907	<5	112	135
5014558	Soil	<0.07	<0.5	36	<2	69	18	<5	<3	3	<2	<2	<0.2	23	50	952	<5	130	156
5014559	Soil	<0.07	<0.5	39	<2	73	13	<5	<3	3	<2	<2	<0.2	20	49	914	<5	103	124
5014560	Soil	<0.07	<0.5	36	<2	66	15	<5	<3	4	<2	<2	<0.2	24	47	893	<5	113	143
5014561	Soil	<0.07	<0.5	54	<2	90	24	<5	<3	4	<2	<2	<0.2	26	53	881	<5	126	156
5014562	Soil	<0.07	<0.5	66	<2	93	26	<5	<3	3	<2	<2	<0.2	25	54	873	<5	118	147
5014563	Soil	<0.07	<0.5	62	<2	76	24	<5	<3	4	<2	<2	<0.2	23	48	914	<5	111	142
5014564	Soil	<0.07	<0.5	25	<2	145	17	<5	<3	4	<2	<2	<0.2	25	42	924	<5	108	135
5014565	Soil	<0.07	<0.5	24	<2	92	6	<5	<3	4	<2	<2	<0.2	19	45	1149	<5	103	131
5014566	Soil	<0.07	<0.5	34	<2	75	7	<5	<3	5	<2	<2	<0.2	19	48	1176	<5	104	136
5014567	Soil	<0.07	<0.5	22	<2	57	8	<5	<3	4	<2	<2	<0.2	19	38	958	<5	97	129
5014568	Soil	<0.07	<0.5	30	<2	84	10	<5	<3	4	<2	<2	<0.2	26	47	913	<5	120	148
5014569	Soil	<0.07	<0.5	36	<2	68	13	<5	<3	5	<2	<2	<0.2	24	51	969	<5	117	138
5014570	Soil	0.77	<0.5	7659	15	154	<5	26	<3	11	<2	<2	<0.2	12	19	608	<5	44	97
5014571	Soil	<0.07	<0.5	27	<2	59	10	<5	<3	3	<2	<2	<0.2	19	40	857	<5	103	125
5014572	Soil	<0.07	<0.5	24	<2	58	12	<5	<3	3	<2	<2	<0.2	19	38	846	<5	104	130
5014573	Soil	<0.07	<0.5	43	<2	72	10	<5	<3	3	<2	<2	<0.2	22	46	866	<5	109	131
5014574	Soil	<0.07	<0.5	59	<2	91	26	<5	<3	4	<2	<2	<0.2	20	49	851	<5	102	122
5014575	Soil	<0.07	<0.5	33	<2	154	22	<5	<3	4	<2	<2	<0.2	25	45	773	<5	105	130
5014576	Soil	<0.07	<0.5	25	<2	69	<5	<5	<3	5	<2	<2	<0.2	18	28	473	9	65	129
5014577	Soil	<0.07	<0.5	40	<2	136	33	<5	<3	4	<2	<2	<0.2	26	37	836	<5	113	157
5014578	Soil	<0.07	<0.5	60	<2	116	24	<5	<3	4	<2	<2	<0.2	22	41	791	<5	106	116
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5014540	690	27	236	35	14	0.49	7.41%	2.38	3.76	1.42	1.58	2.10	0.07
5014541	669	25	236	32	15	0.48	6.82%	2.50	3.74	1.51	1.47	2.04	0.09
5014542	632	29	236	32	15	0.47	6.91%	2.45	3.55	1.47	1.45	2.02	0.08
5014543	1120	25	185	34	18	0.50	6.73%	2.64	4.71	1.66	1.22	1.65	0.09
5014544	680	28	236	28	13	0.45	7.43%	2.55	3.74	1.47	1.60	2.12	0.08
5014545	621	24	205	40	16	0.45	6.79%	2.45	3.89	1.36	1.30	1.72	0.11
5014546	688	27	218	38	17	0.52	6.79%	2.76	4.05	1.53	1.30	1.78	0.09
5014547	765	25	201	32	17	0.55	7.05%	2.85	4.33	1.75	1.28	1.85	0.08
5014548	742	24	200	32	16	0.48	7.02%	2.53	4.19	1.53	1.28	1.83	0.10
5014549	753	28	214	34	16	0.46	6.91%	2.54	3.89	1.49	1.39	1.90	0.10
5014550	1307	10	330	10	7	0.17	7.31%	3.47	9.31%	1.27	2.68	1.25	0.07
5014551	735	29	230	34	15	0.49	7.23%	2.71	3.78	1.53	1.45	2.01	0.09
5014552	605	27	226	31	15	0.46	6.99%	2.54	3.64	1.43	1.41	1.94	0.09
5014553	1558	25	211	45	13	0.44	7.92%	1.91	4.68	1.39	1.70	1.92	0.09
5014554	536	29	270	38	12	0.40	7.73%	2.15	3.59	1.31	1.68	2.18	0.10
5014555	1640	30	218	53	16	0.42	7.56%	1.93	4.56	1.31	1.55	1.84	0.09
5014556	801	10	312	26	14	0.41	8.32%	3.44	4.31	1.59	0.95	2.70	0.06
5014557	781	28	230	52	15	0.50	7.82%	2.27	4.20	1.44	1.65	2.04	0.10
5014558	1052	29	210	32	18	0.50	7.01%	2.51	4.03	1.50	1.33	1.72	0.09
5014559	533	23	240	37	14	0.42	7.21%	2.44	3.68	1.37	1.45	2.01	0.10
5014560	678	27	218	36	15	0.49	7.14%	2.41	3.72	1.51	1.40	1.92	0.09
5014561	709	23	197	36	21	0.52	8.02%	2.53	4.78	1.79	1.42	1.90	0.07
5014562	725	21	190	34	23	0.46	7.32%	2.43	4.68	1.62	1.32	1.75	0.09
5014563	811	27	208	35	21	0.48	7.54%	2.87	4.41	1.65	1.40	1.87	0.08
5014564	1167	36	228	54	14	0.51	7.88%	2.41	4.91	1.59	1.69	1.83	0.11
5014565	615	32	216	47	12	0.42	7.92%	1.81	3.89	1.37	1.82	1.92	0.10
5014566	621	29	245	38	12	0.41	7.73%	1.90	3.90	1.29	1.75	1.99	0.08
5014567	633	27	218	30	12	0.40	7.04%	2.06	3.45	1.28	1.54	1.84	0.08
5014568	624	26	196	34	17	0.49	7.26%	2.49	3.65	1.70	1.20	1.70	0.07
5014569	975	27	236	37	15	0.44	7.15%	2.28	3.80	1.38	1.50	1.92	0.08
5014570	1234	10	327	9	7	0.16	6.91%	3.24	8.74%	1.19	2.52	1.17	0.07
5014571	609	25	242	30	13	0.44	6.89%	2.51	3.38	1.27	1.51	1.95	0.09
5014572	695	24	242	34	13	0.46	7.02%	2.36	3.39	1.24	1.43	1.94	0.08
5014573	571	28	219	41	16	0.44	7.17%	2.36	3.47	1.43	1.38	1.89	0.09
5014574	719	28	212	45	17	0.40	7.40%	2.49	4.37	1.32	1.38	1.64	0.11
5014575	1170	29	219	59	15	0.49	7.42%	2.59	4.81	1.44	1.51	1.76	0.14
5014576	772	10	301	26	14	0.40	8.08%	3.37	4.20	1.52	0.89	2.58	0.06
5014577	825	22	200	82	15	0.67	7.70%	2.69	5.34%	1.28	1.58	1.56	0.17
5014578	912	30	229	69	17	0.45	7.59%	2.40	4.59	1.21	1.57	1.77	0.17
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02
Ship#

712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5014579	Soil	<0.07	<0.5	74	<2	100	25	<5	<3	4	<2	<2	<0.2	22	45	793	<5	93	111
5014580	Soil	<0.07	<0.5	20	<2	63	14	<5	<3	3	<2	<2	<0.2	16	28	788	<5	84	111
5014581	Soil	<0.07	<0.5	21	<2	71	33	<5	<3	4	<2	<2	<0.2	24	34	843	<5	100	142
5014582	Soil	<0.07	<0.5	16	<2	62	29	<5	<3	4	<2	<2	<0.2	22	28	859	<5	88	133
5014583	Soil	<0.07	<0.5	14	<2	50	23	<5	<3	3	<2	<2	<0.2	16	32	746	<5	92	121
5014584	Soil	<0.07	<0.5	11	<2	52	34	<5	<3	4	<2	<2	<0.2	21	27	700	<5	96	166
5014585	Soil	<0.07	<0.5	13	<2	50	17	<5	<3	4	<2	<2	<0.2	15	28	695	<5	95	110
5014586	Soil	<0.07	<0.5	89	<2	77	56	<5	<3	4	<2	<2	<0.2	29	61	924	<5	124	158
5014587	Soil	0.10	<0.5	95	<2	134	60	<5	<3	4	<2	<2	<0.2	25	50	892	<5	121	134
5014588	Soil	<0.07	<0.5	27	<2	54	32	<5	<3	4	<2	<2	<0.2	22	41	775	<5	108	175
5014589	Soil	<0.07	<0.5	<1	20	27	10	<5	<3	5	<2	<2	<0.2	21	9	619	<5	82	157
5014590	Soil	0.77	<0.5	7312	12	153	10	27	<3	11	<2	<2	<0.2	12	19	626	<5	44	97
5014591	Soil	<0.07	<0.5	24	<2	78	30	<5	<3	4	<2	<2	<0.2	25	39	782	<5	108	150
5014592	Soil	<0.07	<0.5	28	<2	51	31	<5	<3	3	<2	<2	<0.2	21	37	787	<5	109	158
5014593	Soil	0.09	<0.5	35	<2	64	178	<5	<3	4	<2	<2	<0.2	25	38	1107	6	111	153
5014594	Soil	<0.07	<0.5	11	<2	67	12	<5	<3	4	<2	<2	<0.2	16	30	707	<5	92	113
5014595	Soil	<0.07	<0.5	13	<2	45	32	<5	<3	3	<2	<2	<0.2	19	33	674	<5	106	186
5014596	Soil	<0.07	<0.5	25	<2	68	<5	<5	<3	5	<2	<2	<0.2	18	28	496	10	67	132
5014597	Soil	<0.07	<0.5	30	<2	59	15	<5	<3	3	<2	<2	<0.2	22	39	816	<5	103	145
5014598	Soil	<0.07	<0.5	36	<2	82	32	<5	<3	4	<2	<2	<0.2	25	48	939	<5	118	152
5014599	Soil	<0.07	<0.5	28	<2	68	29	<5	<3	4	<2	<2	<0.2	22	40	828	<5	113	153
5014600	Soil	<0.07	<0.5	39	<2	70	25	<5	<3	4	<2	<2	<0.2	20	42	810	<5	111	151
5014601	Soil	<0.07	<0.5	42	<2	70	33	<5	<3	3	<2	<2	<0.2	25	50	1099	<5	124	163
5014602	Soil	<0.07	<0.5	38	<2	72	35	<5	<3	4	<2	<2	<0.2	23	45	1154	<5	125	174
5014603	Soil	<0.07	<0.5	17	<2	62	21	<5	<3	4	<2	<2	<0.2	18	25	631	<5	113	142
5014604	Soil	<0.07	<0.5	36	<2	60	26	<5	<3	4	<2	<2	<0.2	22	45	952	<5	113	153
5014605	Soil	<0.07	<0.5	18	<2	51	20	<5	<3	4	<2	<2	<0.2	18	29	750	<5	115	168
5014606	Soil	<0.07	<0.5	47	<2	79	37	<5	<3	4	<2	<2	<0.2	21	46	876	<5	120	149
5014607	Soil	<0.07	<0.5	23	<2	67	59	<5	<3	4	<2	<2	<0.2	24	36	1032	<5	129	206
5014608	Soil	<0.07	<0.5	26	<2	61	310	<5	<3	5	<2	<2	<0.2	21	32	1067	<5	125	237
5014609	Soil	<0.07	<0.5	20	<2	54	37	<5	<3	4	<2	<2	<0.2	16	28	893	<5	97	142
5014610	Soil	0.76	<0.5	7785	10	153	10	27	<3	11	<2	<2	<0.2	13	19	655	<5	47	101
5014611	Soil	<0.07	<0.5	33	<2	65	24	<5	<3	3	<2	<2	<0.2	24	44	1154	<5	115	155
5014612	Soil	<0.07	<0.5	<1	18	25	10	<5	<3	4	<2	<2	<0.2	16	7	725	<5	65	118
5014613	Soil	<0.07	<0.5	14	<2	50	50	<5	<3	4	<2	<2	<0.2	21	29	856	<5	110	226
5014614	Soil	<0.07	<0.5	18	<2	46	19	<5	<3	4	<2	<2	<0.2	17	30	824	<5	97	133
5014615	Soil	<0.07	<0.5	8	<2	44	17	<5	<3	4	<2	<2	<0.2	17	24	728	<5	97	141
5014616	Soil	<0.07	<0.5	25	<2	68	<5	<5	<3	5	<2	<2	<0.2	18	29	514	11	70	135
5014617	Soil	<0.07	<0.5	59	<2	67	32	<5	<3	4	<2	<2	<0.2	26	48	905	<5	124	169
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL

[42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5014579	1405	28	238	56	18	0.46	7.58%	2.72	4.36	1.25	1.51	1.74	0.14
5014580	594	26	231	34	12	0.41	6.67%	2.23	3.33	1.10	1.39	1.73	0.11
5014581	911	22	224	21	13	0.51	6.90%	1.73	4.56	1.34	1.28	1.60	0.08
5014582	789	26	216	23	11	0.49	6.75%	1.83	3.66	1.11	1.52	1.77	0.08
5014583	475	19	215	34	11	0.41	5.79%	1.93	3.95	1.07	1.32	1.66	0.09
5014584	473	19	162	56	11	0.72	6.70%	1.63	3.81	1.11	1.46	1.68	0.07
5014585	416	24	217	35	10	0.40	6.30%	1.75	3.94	1.01	1.36	1.67	0.09
5014586	1222	33	204	52	16	0.58	7.31%	2.41	5.52%	1.55	1.45	1.61	0.08
5014587	1119	29	171	77	26	0.48	7.64%	2.14	5.54%	1.20	1.43	1.43	0.21
5014588	637	18	146	26	14	0.53	6.20%	1.97	4.90	1.44	0.96	1.41	0.04
5014589	251	21	154	113	8	1.17	6.54%	0.98	1.90	0.46	1.68	1.70	0.07
5014590	1169	11	323	9	7	0.16	6.65%	3.02	8.39%	1.10	2.38	1.11	0.07
5014591	690	24	187	44	13	0.54	7.13%	1.89	4.67	1.32	1.34	1.70	0.09
5014592	543	23	187	29	14	0.51	6.55%	2.15	3.96	1.41	1.17	1.74	0.08
5014593	973	23	217	32	15	0.44	6.91%	1.89	4.65	1.19	1.55	1.63	0.13
5014594	458	24	210	38	11	0.47	7.23%	1.93	4.18	1.10	1.52	1.82	0.08
5014595	490	16	141	22	14	0.51	5.71%	1.70	4.71	1.28	1.03	1.26	0.05
5014596	779	10	301	22	14	0.39	7.73%	3.26	4.11	1.48	0.93	2.54	0.06
5014597	642	27	221	31	16	0.51	6.51%	2.62	3.58	1.37	1.23	1.79	0.09
5014598	1091	23	192	38	17	0.49	7.24%	2.39	4.57	1.59	1.29	1.74	0.10
5014599	678	21	186	34	14	0.51	6.93%	2.16	4.46	1.45	1.29	1.70	0.09
5014600	546	22	182	41	14	0.46	6.81%	1.74	4.38	1.35	1.33	1.54	0.08
5014601	715	22	162	33	16	0.49	6.91%	2.04	4.58	1.62	1.17	1.55	0.08
5014602	642	20	153	33	16	0.51	7.19%	1.89	4.62	1.55	1.19	1.50	0.07
5014603	450	22	153	80	11	0.62	6.70%	1.42	5.16%	0.96	1.38	1.54	0.10
5014604	708	24	162	35	15	0.49	6.26%	2.02	4.11	1.48	1.10	1.44	0.08
5014605	499	29	194	41	12	0.52	6.19%	1.67	5.58%	1.04	1.24	1.47	0.07
5014606	602	21	206	47	14	0.52	7.64%	2.05	4.96	1.41	1.42	1.74	0.10
5014607	715	21	188	44	16	0.59	6.91%	1.75	5.02%	1.28	1.29	1.57	0.07
5014608	594	14	111	24	16	0.54	6.37%	1.34	6.75%	0.98	1.14	1.02	0.08
5014609	481	21	186	26	13	0.45	6.29%	1.84	3.79	1.07	1.26	1.44	0.07
5014610	1267	9	333	10	7	0.17	7.14%	3.30	9.11%	1.17	2.50	1.16	0.07
5014611	827	25	179	34	16	0.48	6.44%	2.27	4.00	1.54	1.21	1.54	0.10
5014612	203	25	168	98	7	0.91	6.17%	0.82	1.23	0.30	1.79	1.67	0.04
5014613	682	18	161	29	15	0.62	6.34%	1.58	4.62	1.05	1.13	1.34	0.10
5014614	472	25	213	36	13	0.46	6.32%	1.86	3.12	1.05	1.33	1.67	0.07
5014615	438	22	196	38	13	0.52	6.13%	2.00	2.96	1.04	1.31	1.68	0.06
5014616	801	11	316	30	15	0.38	7.70%	3.22	4.00	1.46	0.99	2.49	0.06
5014617	795	27	212	35	19	0.66	7.66%	3.15	4.69	1.74	1.30	1.88	0.08
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02 Ship#

712 Samples 712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
5014618	Soil	<0.07	<0.5	23	<2	81	8	<5	<3	4	<2	<2	<0.2	18	43	909	<5	100	120
5014619	Soil	<0.07	<0.5	42	<2	88	25	<5	<3	4	<2	<2	<0.2	27	44	939	<5	116	148
5014620	Soil	<0.07	<0.5	37	<2	66	64	<5	<3	4	<2	<2	<0.2	25	37	944	<5	129	220
5014621	Soil	<0.07	<0.5	50	<2	72	75	<5	<3	4	<2	<2	<0.2	26	39	781	<5	149	232
5014622	Soil	<0.07	<0.5	22	<2	55	81	<5	<3	4	<2	<2	<0.2	24	30	830	5	127	278
5014623	Soil	<0.07	<0.5	19	<2	113	12	<5	<3	5	<2	<2	<0.2	22	34	609	<5	114	134
5014624	Soil	<0.07	<0.5	38	<2	122	58	<5	<3	6	<2	<2	<0.2	22	35	801	<5	116	169
5014625	Soil	<0.07	<0.5	15	<2	69	29	<5	<3	5	<2	<2	<0.2	22	28	786	<5	111	189
5014626	Soil	<0.07	<0.5	8	4	59	44	<5	<3	5	<2	<2	<0.2	20	22	684	<5	105	197
5014627	Soil	<0.07	<0.5	25	<2	72	101	<5	<3	5	<2	<2	<0.2	30	26	743	<5	94	192
RE 5007001	Repeat	<0.07	<0.5	37	<2	92	43	<5	<3	5	<2	<2	<0.2	23	63	938	<5	130	148
RE 5007020	Repeat	<0.07	<0.5	26	3	54	18	<5	<3	4	<2	<2	<0.2	16	59	799	<5	119	137
RE 5007040	Repeat	<0.07	<0.5	55	<2	122	57	<5	<3	5	<2	<2	<0.2	27	50	1197	<5	115	191
RE 5007059	Repeat	<0.07	<0.5	41	<2	78	35	<5	<3	4	<2	<2	<0.2	23	50	961	<5	111	159
RE 5007082	Repeat	<0.07	<0.5	62	<2	139	69	<5	<3	5	<2	<2	<0.2	29	82	720	<5	148	201
RE 5007101	Repeat	<0.07	<0.5	36	<2	66	19	<5	<3	4	<2	<2	<0.2	26	84	868	<5	160	160
RE 5007121	Repeat	<0.07	<0.5	19	<2	41	29	<5	<3	4	<2	<2	<0.2	19	27	798	<5	103	196
RE 5007140	Repeat	<0.07	<0.5	4	20	33	21	<5	<3	6	<2	<2	<0.2	19	14	859	<5	80	161
RE 5007160	Repeat	0.10	<0.5	94	<2	158	98	<5	<3	5	<2	<2	<0.2	22	59	1078	<5	108	143
RE 5007179	Repeat	<0.07	<0.5	75	<2	80	25	<5	<3	3	<2	<2	<0.2	14	31	610	<5	70	77
RE 5007199	Repeat	<0.07	<0.5	93	<2	74	36	<5	<3	3	<2	<2	<0.2	14	39	624	<5	64	72
RE 5007218	Repeat	<0.07	<0.5	42	<2	69	16	<5	<3	3	<2	<2	<0.2	19	37	834	<5	91	123
RE 5007512	Repeat	<0.07	<0.5	36	<2	77	50	<5	<3	4	<2	<2	<0.2	20	31	835	<5	101	151
RE 5007531	Repeat	<0.07	<0.5	11	<2	113	113	<5	<3	3	<2	<2	<0.2	79	1157	499	<5	1301	101
RE 5007551	Repeat	<0.07	<0.5	53	<2	106	49	<5	<3	4	<2	<2	<0.2	27	46	928	<5	120	163
RE 5007906	Repeat	<0.07	<0.5	27	<2	90	28	<5	<3	5	<2	<2	<0.2	21	115	1062	<5	132	139
RE 5007926	Repeat	<0.07	<0.5	54	<2	92	42	<5	<3	4	<2	<2	<0.2	26	58	1198	<5	129	173
RE 5007945	Repeat	<0.07	<0.5	20	<2	58	9	<5	<3	4	<2	<2	<0.2	18	45	889	<5	108	128
RE 5007965	Repeat	0.08	<0.5	76	<2	88	59	<5	<3	4	<2	<2	<0.2	25	46	860	<5	112	143
RE 5007984	Repeat	<0.07	<0.5	17	<2	63	98	<5	<3	4	<2	<2	<0.2	28	285	780	<5	206	109
RE 5008504	Repeat	<0.07	<0.5	59	<2	84	19	<5	<3	4	<2	<2	<0.2	24	51	1388	<5	121	179
RE 5008523	Repeat	<0.07	<0.5	73	<2	103	50	<5	<3	4	<2	<2	<0.2	26	47	1205	<5	114	179
RE 5008543	Repeat	0.07	<0.5	68	<2	118	50	<5	<3	4	<2	<2	<0.2	30	69	1199	<5	130	172
RE 5008562	Repeat	<0.07	<0.5	33	<2	73	35	<5	<3	4	<2	<2	<0.2	26	145	947	<5	170	137
RE 5008582	Repeat	<0.07	<0.5	34	<2	67	36	<5	<3	3	<2	<2	<0.2	26	151	924	<5	159	140
RE 5008601	Repeat	<0.07	<0.5	3	19	36	8	<5	<3	6	<2	<2	<0.2	20	10	692	<5	94	179
RE 5008621	Repeat	<0.07	<0.5	26	<2	70	63	<5	<3	4	<2	<2	<0.2	33	294	874	<5	314	133
RE 5008640	Repeat	0.14	<0.5	136	<2	126	82	<5	<3	5	<2	<2	<0.2	25	65	685	<5	126	120
RE 5008660	Repeat	<0.07	<0.5	30	<2	78	20	<5	<3	4	<2	<2	<0.2	21	84	847	<5	120	123
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5014618	544	31	274	42	12	0.43	7.92%	2.38	3.95	1.39	1.79	2.32	0.10
5014619	1094	29	198	39	17	0.49	6.96%	2.19	4.64	1.49	1.34	1.68	0.10
5014620	1035	18	173	28	15	0.53	6.69%	1.63	5.52%	1.20	1.23	1.55	0.08
5014621	1026	13	109	21	16	0.55	6.39%	1.32	6.70%	1.17	0.89	1.17	0.10
5014622	712	13	126	31	17	0.71	6.68%	1.41	5.22%	1.05	0.97	1.30	0.07
5014623	673	23	166	118	11	0.61	7.07%	1.42	6.08%	0.96	1.44	1.62	0.15
5014624	567	23	165	83	12	0.58	6.89%	1.93	5.68%	1.07	1.44	1.39	0.09
5014625	771	27	171	63	11	0.67	6.74%	1.31	5.29%	0.93	1.58	1.47	0.10
5014626	453	24	152	80	10	0.75	6.39%	1.21	4.12	0.81	1.54	1.53	0.11
5014627	850	19	148	62	11	0.70	6.42%	1.29	5.94%	0.76	1.43	1.38	0.11
RE 5007001	1185	29	180	40	18	0.45	7.62%	2.07	4.87	1.58	1.39	1.79	0.12
RE 5007020	385	27	178	33	12	0.47	7.44%	1.65	3.26	1.17	1.56	1.76	0.06
RE 5007040	926	30	159	38	20	0.54	7.07%	2.47	5.44%	1.77	1.19	1.38	0.12
RE 5007059	822	30	188	31	17	0.50	6.93%	2.26	4.39	1.43	1.26	1.60	0.08
RE 5007082	889	31	124	94	15	0.71	8.93%	1.24	8.03%	1.56	1.77	1.58	0.16
RE 5007101	700	29	205	30	17	0.58	7.02%	2.59	4.00	1.78	1.13	1.95	0.08
RE 5007121	495	25	170	40	13	0.60	6.21%	1.57	3.89	1.06	1.30	1.34	0.09
RE 5007140	340	30	189	63	10	0.77	6.45%	1.28	2.09	0.66	1.76	1.59	0.05
RE 5007160	765	34	167	52	18	0.45	7.01%	2.15	4.78	1.22	1.24	1.46	0.15
RE 5007179	505	26	169	37	15	0.26	4.89	4.19	2.85	0.90	0.77	0.97	0.11
RE 5007199	3130	30	162	23	16	0.17	4.54	4.01	3.13	0.65	0.50	0.55	0.22
RE 5007218	770	26	173	28	15	0.37	5.52%	2.66	3.20	1.27	1.01	1.38	0.10
RE 5007512	413	34	170	36	16	0.45	6.77%	2.45	4.29	1.10	0.98	1.50	0.09
RE 5007531	2070	33	102	43	12	0.37	4.15	0.79	7.91%	8.78	0.87	0.91	0.07
RE 5007551	659	32	190	43	25	0.50	7.10%	2.63	5.61%	1.60	1.22	1.60	0.15
RE 5007906	567	37	216	35	12	0.36	6.96%	1.81	3.57	1.17	1.55	1.58	0.10
RE 5007926	708	23	176	37	17	0.55	8.00%	2.39	5.48%	1.58	1.19	1.59	0.08
RE 5007945	608	32	246	32	12	0.42	7.31%	2.39	3.42	1.39	1.69	1.83	0.09
RE 5007965	1858	28	159	45	21	0.42	7.21%	2.76	5.10%	1.40	1.11	1.40	0.14
RE 5007984	662	23	237	30	11	0.38	6.52%	1.98	4.26	1.62	1.56	1.83	0.09
RE 5008504	621	27	207	39	20	0.61	7.92%	2.58	3.98	1.79	1.39	2.05	0.11
RE 5008523	596	24	173	38	20	0.51	7.41%	2.22	4.07	1.80	1.36	1.76	0.14
RE 5008543	1593	24	172	40	19	0.54	7.23%	2.31	5.10%	1.81	1.37	1.77	0.12
RE 5008562	738	28	244	38	14	0.44	7.54%	2.31	4.18	1.60	1.67	2.02	0.09
RE 5008582	849	27	226	36	14	0.42	6.96%	2.20	3.99	1.60	1.60	2.03	0.08
RE 5008601	258	26	174	133	8	1.14	7.51%	1.25	2.04	0.46	2.17	2.29	0.04
RE 5008621	790	33	224	34	13	0.41	6.65%	2.16	4.11	1.96	1.58	1.98	0.09
RE 5008640	1206	39	175	125	32	0.47	8.14%	2.19	5.95%	1.29	1.39	1.60	0.27
RE 5008660	688	26	213	39	13	0.38	6.79%	2.23	3.65	1.34	1.54	1.74	0.11
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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712 Samples

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Print: Oct 23, 2008

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
RE 5008679	Repeat	<0.07	<0.5	4	11	24	<5	<5	<3	3	<2	<2	<0.2	11	9	721	<5	48	104
RE 5014501	Repeat	<0.07	<0.5	41	<2	73	14	<5	<3	4	<2	<2	<0.2	22	48	1314	<5	102	142
RE 5014520	Repeat	<0.07	<0.5	42	<2	62	20	<5	<3	3	<2	<2	<0.2	27	52	1121	<5	123	164
RE 5014540	Repeat	<0.07	<0.5	30	<2	65	10	<5	<3	4	<2	<2	<0.2	22	45	949	<5	107	139
RE 5014559	Repeat	<0.07	<0.5	40	<2	74	13	<5	<3	3	<2	<2	<0.2	21	51	920	<5	104	126
RE 5014579	Repeat	<0.07	<0.5	75	<2	108	26	<5	<3	4	<2	<2	<0.2	23	45	795	<5	94	111
RE 5014598	Repeat	<0.07	<0.5	37	<2	83	34	<5	<3	4	<2	<2	<0.2	26	50	946	<5	120	153
RE 5014618	Repeat	<0.07	<0.5	23	<2	81	8	<5	<3	4	<2	<2	<0.2	18	43	914	<5	101	119
Blank iPL	Blk iPL	<0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	Std iPL	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	Std iPL	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

712 Samples

Ship#

712=Soil 37=Repeat 1=Blk iPL 1=Std iPL [42551606238010230800 2] In: Sep 08, 2008

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
RE 5008679	221	17	189	38	8	0.50	5.92%	1.20	1.19	0.41	1.41	1.58	0.06
RE 5014501	808	27	218	28	13	0.44	7.96%	2.34	4.26	1.58	1.86	2.10	0.09
RE 5014520	898	24	185	32	17	0.50	7.15%	2.30	4.43	1.80	1.32	1.79	0.09
RE 5014540	701	28	235	30	14	0.49	7.16%	2.36	3.75	1.42	1.58	1.97	0.07
RE 5014559	535	24	242	36	15	0.42	7.29%	2.45	3.70	1.38	1.45	1.98	0.10
RE 5014579	1409	29	238	59	18	0.46	7.54%	2.71	4.37	1.25	1.50	1.80	0.14
RE 5014598	1089	25	199	36	17	0.50	7.05%	2.37	4.56	1.57	1.29	1.75	0.10
RE 5014618	544	27	274	40	12	0.43	7.93%	2.38	3.97	1.37	1.78	2.13	0.10
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Hawthorne Gold Corp
Project : 02
Shipper : Michael Redfearn
Shipment: PO#: 08-02-245
Comment:

189 Samples Print: Oct 27, 2008 In: Sep 09, 2008 [427009:08:52:80102708:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	180	Rock	crush, split & pulverize to -150 mesh.	12M/Dis	03M/Dis
B31100	8	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B85100	1	No Sampl	No sample		
B84100	10	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90026	1	Std iPL	Std iPL (Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Em:alee@adrianaresources.com

Analytical Summary
Analysis: ICP(Multi-Acid)30 Au(FA/AAS)

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0801	Spec	Kg	Weight in Kilogram (1 decimal place)	Wt	0.1	9999.0
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	5000.00
03	0771	ICPM	ppm	Ag ICP(Multi-Acid)	Silver	0.5	500.0
04	0761	ICPM	ppm	Cu ICP(Multi-Acid)	Copper	1	20000
05	0764	ICPM	ppm	Pb ICP(Multi-Acid) Depressed	Lead	2	10000
06	0780	ICPM	ppm	Zn ICP(Multi-Acid)	Zinc	1	10000
07	0753	ICPM	ppm	As ICP(Multi-Acid) Depressed	Arsenic	5	10000
08	0752	ICPM	ppm	Sb ICP(Multi-Acid) Depressed	Antimony	5	2000
09	0782	ICPM	ppm	Hg ICP(Multi-Acid)	Mercury	3	10000
10	0767	ICPM	ppm	Mo ICP(Multi-Acid)	Molydenum	1	1000
11	0797	ICPM	ppm	Tl ICP(Multi-Acid)	Thallium	2	1000
12	0755	ICPM	ppm	Bi ICP(Multi-Acid)	Bismuth	2	2000
13	0757	ICPM	ppm	Cd ICP(Multi-Acid)	Cadmium	0.2	2000.0
14	0760	ICPM	ppm	Co ICP(Multi-Acid)	Cobalt	1	10000
15	0768	ICPM	ppm	Ni ICP(Multi-Acid)	Nickel	1	10000
16	0754	ICPM	ppm	Ba ICP(Multi-Acid)	Barium	2	10000
17	0777	ICPM	ppm	W ICP(Multi-Acid)	Tungsten	5	1000
18	0759	ICPM	ppm	Cr ICP(Multi-Acid)	Chromium	1	10000
19	0779	ICPM	ppm	V ICP(Multi-Acid)	Vanadium	1	10000
20	0766	ICPM	ppm	Mn ICP(Multi-Acid)	Manganese	1	10000
21	0763	ICPM	ppm	La ICP(Multi-Acid)	Lanthanum	2	10000
22	0773	ICPM	ppm	Sr ICP(Multi-Acid)	Strontium	1	10000
23	0781	ICPM	ppm	Zr ICP(Multi-Acid)	Zirconium	1	10000
24	0786	ICPM	ppm	Sc ICP(Multi-Acid)	Scandium	1	10000
25	0776	ICPM	%	Ti ICP(Multi-Acid)	Titanium	0.01	10.00
26	0751	ICPM	%	Al ICP(Multi-Acid)	Aluminum	0.01	5.00
27	0758	ICPM	%	Ca ICP(Multi-Acid)	Calcium	0.01	10.00
28	0762	ICPM	%	Fe ICP(Multi-Acid)	Iron	0.01	5.00
29	0765	ICPM	%	Mg ICP(Multi-Acid)	Magnesium	0.01	10.00
30	0770	ICPM	%	K ICP(Multi-Acid)	Potassium	0.01	10.00
31	0772	ICPM	%	Na ICP(Multi-Acid)	Sodium	0.01	10.00
32	0769	ICPM	%	P ICP(Multi-Acid)	Phosphorus	0.01	5.00

* Our liability is limited solely to the analytical cost of these analyses.
ID=C104001030912

BC Certified Assayer: David Chiu, Francis Chan

Signature: _____

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02 Ship#

189 Samples

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
Lakeview 5000002	Rock	0.9	<0.07	12.6	167	5	76	<5	98	<3	1	<2	4	<0.2	2	5	30	<5	482
Lakeview 5000006	Rock	1.5	0.08	4.0	33	4	11	12	35	<3	4	<2	4	<0.2	3	14	36	<5	942
Lakeview 5000007	Rock	1.5	0.09	30.0	222	6	40	11	222	<3	<1	<2	3	<0.2	1	6	18	<5	464
Lakeview 5000008	Rock	1.6	1.30	84.6	1561	8	204	73	688	<3	3	<2	9	0.2	3	17	22	<5	1155
Lakeview 5000009	Rock	1.5	0.23	50.8	656	5	92	22	573	<3	<1	<2	<2	<0.2	2	4	17	<5	450
Lakeview 5000010	Rock	1.4	0.22	79.3	1252	8	187	20	607	<3	4	<2	9	<0.2	3	17	17	<5	812
Lakeview 5000011	Rock	1.4	1.95	29.0	205	5	44	14	150	<3	<1	<2	3	<0.2	1	6	21	<5	379
Smile 5000111	Rock	1.7	1.72	1.3	30	11	15	104	41	<3	11	<2	4	<0.2	18	19	350	6	974
Smile 5000112	Rock	2.5	0.31	1.1	17	5	10	44	19	<3	5	<2	7	<0.2	7	6	127	<5	582
Smile 5000113	Rock	4.2	2.98	2.5	11	9	62	79	26	<3	6	<2	3	<0.2	7	18	226	7	1093
Smile 5000201	Rock	1.3	1.06	0.9	49	12	73	320	16	<3	5	<2	4	<0.2	5	5	324	7	349
Smile 5000202	Rock	1.3	1.28	2.4	20	17	9	224	33	<3	8	<2	<2	<0.2	8	<1	440	10	219
Smile 5000203	Rock	1.2	0.97	0.6	20	11	10	762	30	<3	5	<2	<2	<0.2	9	<1	392	7	289
Smile 5000204	Rock	2.2	0.41	<0.5	31	16	35	77	<5	<3	10	<2	<2	<0.2	25	13	607	9	202
Smile 5000209	Rock	1.4	0.83	<0.5	23	15	31	133	<5	<3	8	<2	<2	<0.2	19	11	418	10	276
Smile 5000210	Rock	1.4	1.26	0.9	22	15	23	556	13	<3	6	<2	4	<0.2	9	7	270	7	755
Smile 5000211	Rock	1.5	1.00	1.5	21	14	28	142	25	<3	5	<2	3	<0.2	5	7	204	<5	717
Smile 5000212	Rock	1.6	0.67	53.5	358	12	84	41	151	<3	9	<2	5	<0.2	19	18	254	6	584
Smile 5000213	Rock	1.5	0.58	<0.5	20	5	16	70	14	<3	5	<2	5	<0.2	6	10	196	<5	860
Smile 5000214	Rock	1.9	0.84	1.0	22	10	23	115	14	<3	6	<2	9	<0.2	10	12	139	<5	805
Smile 5000215	Rock	2.2	0.57	3.0	70	13	42	13	14	<3	10	<2	7	<0.2	24	23	419	<5	544
Smile 5000216	Rock	1.6	3.76	<0.5	75	19	53	223	8	<3	12	<2	3	<0.2	25	18	163	14	462
Smile 5000217	Rock	1.6	3.67	2.7	69	15	45	<5	11	<3	11	<2	3	<0.2	26	16	493	<5	416
Smile 5000218	Rock	2.0	0.33	<0.5	12	7	6	33	13	<3	3	<2	<2	<0.2	4	10	59	<5	676
Smile 5000219	Rock	2.1	0.97	3.5	53	16	39	242	10	<3	6	<2	<2	<0.2	11	5	283	<5	337
Smile 5000220	Rock	1.7	1.13	1.3	33	20	22	127	<5	<3	7	<2	<2	<0.2	17	14	380	<5	356
Smile 5000221	Rock	1.8	1.24	<0.5	18	15	28	29	<5	<3	8	<2	<2	<0.2	20	20	359	<5	289
Smile 5000222	Rock	1.0	0.38	1.8	55	11	179	32	8	<3	4	<2	<2	<0.2	12	14	238	<5	393
Smile 5000223	Rock	1.6	0.62	3.3	77	11	22	123	6	<3	4	<2	7	<0.2	10	8	199	<5	333
Smile 5000224	Rock	1.7	0.49	0.9	33	17	21	126	6	<3	6	<2	<2	<0.2	12	10	243	<5	314
Smile 5000225	Rock	1.5	0.46	11.1	114	15	50	126	35	<3	7	<2	3	<0.2	16	19	315	10	341
Smile 5000226	Rock	1.6	1.62	<0.5	84	21	85	441	5	<3	11	<2	<2	<0.2	24	17	256	11	267
Smile 5000227	Rock	1.5	0.76	5.0	155	24	89	69	12	<3	10	<2	<2	<0.2	38	27	513	12	237
Smile 5000228	Rock	1.9	1.17	<0.5	218	18	114	<5	<5	<3	12	<2	<2	<0.2	34	18	730	24	172
Switch Back 5000101	Rock	1.6	<0.07	<0.5	63	26	129	<5	<5	<3	18	<2	<2	<0.2	65	12	46	9	46
Switch Back 5000102	Rock	1.8	<0.07	<0.5	62	24	114	<5	<5	<3	21	<2	<2	<0.2	61	12	34	8	50
Switch Back 5000103	Rock	2.4	<0.07	<0.5	69	22	119	<5	<5	<3	20	<2	<2	<0.2	64	20	46	<5	46
Switch Back 5000104	Rock	2.1	<0.07	<0.5	65	25	114	<5	<5	<3	17	<2	<2	<0.2	62	15	60	6	46
Switch Back 5000105	Rock	1.7	<0.07	<0.5	48	18	80	<5	<5	<3	12	<2	<2	<0.2	38	7	146	<5	132
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
Lakeview 5000002	5	130	<2	3	1	<1	<0.01	0.19	0.05	0.70	0.01	0.05	0.02	0.01
Lakeview 5000006	5	89	<2	2	<1	<1	<0.01	0.21	0.01	0.85	0.01	0.07	0.01	<0.01
Lakeview 5000007	2	54	<2	2	<1	<1	<0.01	0.09	0.01	0.50	<0.01	<0.01	0.01	<0.01
Lakeview 5000008	3	85	<2	1	<1	<1	<0.01	0.10	0.01	0.88	<0.01	0.02	0.01	<0.01
Lakeview 5000009	2	65	<2	1	1	<1	<0.01	0.07	0.01	0.61	<0.01	<0.01	0.01	<0.01
Lakeview 5000010	3	93	<2	2	<1	<1	<0.01	0.10	0.04	0.89	0.01	0.03	0.01	0.01
Lakeview 5000011	2	84	<2	1	1	<1	<0.01	0.13	0.03	0.63	0.01	0.04	0.01	<0.01
Smile 5000111	95	70	<2	7	4	4	0.09	1.95	0.01	6.95%	0.07	0.77	0.02	<0.01
Smile 5000112	22	60	<2	7	2	1	0.02	0.61	0.11	4.81	0.05	0.18	0.01	<0.01
Smile 5000113	65	71	<2	3	2	2	0.08	1.30	0.01	2.19	0.04	0.48	0.01	<0.01
Smile 5000201	72	57	<2	5	2	7	0.05	1.75	0.02	3.69	0.05	0.58	0.03	<0.01
Smile 5000202	95	25	<2	10	4	5	0.06	2.42	0.03	7.65%	0.07	0.71	0.03	<0.01
Smile 5000203	75	186	<2	20	4	7	0.07	1.83	0.69	5.39%	0.29	0.60	0.02	<0.01
Smile 5000204	194	900	<2	56	5	24	0.24	4.54	4.29	5.95%	1.31	1.98	0.05	<0.01
Smile 5000209	131	626	<2	47	4	15	0.17	3.17	3.38	5.82%	1.18	1.55	0.03	<0.01
Smile 5000210	80	231	<2	8	2	7	0.04	1.86	0.22	4.31	0.15	0.63	0.02	<0.01
Smile 5000211	56	65	<2	4	2	4	0.05	1.38	0.04	2.40	0.04	0.40	0.02	<0.01
Smile 5000212	119	761	<2	32	6	16	0.14	2.92	3.40	5.32%	1.10	0.78	0.05	0.01
Smile 5000213	41	123	<2	9	3	4	0.03	0.89	0.35	3.86	0.12	0.32	0.01	<0.01
Smile 5000214	49	469	<2	14	2	9	0.02	0.99	1.39	4.37	0.30	0.37	0.02	0.01
Smile 5000215	157	841	<2	48	6	20	0.10	3.79	3.93	6.15%	1.31	1.78	0.05	0.03
Smile 5000216	203	560	<2	55	7	21	0.15	5.01%	2.58	7.30%	1.20	2.48	0.04	<0.01
Smile 5000217	182	882	<2	55	4	21	0.09	4.47	5.30	5.93%	1.26	2.12	0.06	0.08
Smile 5000218	14	110	<2	5	1	2	0.01	0.34	0.14	1.24	0.07	0.13	0.01	<0.01
Smile 5000219	73	130	<2	5	3	8	0.03	1.80	0.11	5.04%	0.09	0.70	0.02	<0.01
Smile 5000220	111	424	<2	35	5	13	0.06	3.00	1.88	4.71	0.68	1.56	0.04	<0.01
Smile 5000221	116	630	<2	41	4	16	0.05	3.01	3.35	5.42%	1.06	1.48	0.04	<0.01
Smile 5000222	78	443	<2	17	3	10	0.05	1.92	1.55	2.71	0.50	0.73	0.02	0.01
Smile 5000223	56	172	<2	8	2	7	0.05	1.35	0.33	3.20	0.18	0.50	0.02	<0.01
Smile 5000224	83	298	<2	15	3	9	0.07	2.01	1.28	3.32	0.48	0.70	0.02	0.01
Smile 5000225	118	357	<2	15	7	13	0.19	3.15	0.77	4.01	0.61	0.92	0.04	0.01
Smile 5000226	170	567	<2	36	5	20	0.19	4.01	2.41	8.03%	0.84	1.58	0.05	<0.01
Smile 5000227	217	798	<2	42	16	28	0.57	5.66%	3.13	5.36%	1.16	2.05	0.03	<0.01
Smile 5000228	246	1433	<2	98	7	34	0.42	6.24%	7.50	6.38%	2.82	2.29	0.04	<0.01
Switch Back 5000101	420	2248	4	102	59	39	1.60	7.71%	6.80	13%	4.25	0.03	1.51	0.07
Switch Back 5000102	426	2106	3	89	81	39	1.52	7.13%	7.05	12%	4.28	<0.01	1.78	0.07
Switch Back 5000103	430	2164	4	76	74	40	1.59	7.75%	7.08	12%	4.26	0.01	2.54	0.08
Switch Back 5000104	433	1939	4	129	70	40	1.54	7.26%	6.54	12%	4.24	0.02	2.18	0.08
Switch Back 5000105	250	1519	2	36	33	23	0.83	4.41	3.74	7.51%	2.39	0.17	0.81	0.04
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

iPL 8I4270

Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
Switch Back 5000106	Rock	1.8	<0.07	<0.5	63	25	114	<5	<5	<3	17	<2	<2	<0.2	64	12	49	8	34
Switch Back 5000107	Rock	2.0	<0.07	<0.5	53	23	113	<5	<5	<3	18	<2	<2	<0.2	60	16	46	6	46
Switch Back 5000108	Rock	1.9	<0.07	<0.5	54	20	116	<5	<5	<3	17	<2	<2	<0.2	60	19	41	<5	48
Switch Back 5000109	Rock	1.8	<0.07	<0.5	55	24	116	<5	<5	<3	19	<2	<2	<0.2	62	12	59	35	38
Switch Back 5000110	Rock	1.9	<0.07	<0.5	53	22	109	<5	<5	<3	14	<2	<2	<0.2	56	18	43	<5	51
Gold Hill 5000229	Rock	1.4	0.27	<0.5	32	11	46	<5	<5	<3	9	<2	3	<0.2	24	20	282	6	332
Gold Hill 5000230	Rock	1.9	0.17	<0.5	62	18	76	<5	<5	<3	14	<2	<2	<0.2	36	21	299	12	161
Gold Hill 5000231	Rock	1.0	<0.07	1.1	77	21	81	<5	<5	<3	13	<2	<2	<0.2	50	30	102	<5	176
Gold Hill 5000232	Rock	1.4	<0.07	<0.5	60	22	77	<5	<5	<3	13	<2	<2	<0.2	44	26	120	<5	148
Gold Hill 5000233	Rock	1.6	<0.07	<0.5	55	20	68	<5	<5	<3	12	<2	<2	<0.2	41	24	64	<5	178
Gold Hill 5000234	Rock	1.6	<0.07	<0.5	71	21	84	<5	<5	<3	15	<2	<2	<0.2	50	31	81	7	161
Gold Hill 5000235	Rock	1.5	<0.07	<0.5	87	24	82	<5	<5	<3	15	<2	4	<0.2	48	21	241	7	122
Gold Hill 5000236	Rock	1.8	<0.07	<0.5	59	16	75	<5	<5	<3	14	<2	<2	<0.2	38	22	193	8	130
Gold Hill 5000237	Rock	2.2	<0.07	<0.5	63	20	98	<5	<5	<3	17	<2	<2	<0.2	55	19	126	<5	64
Gold Hill 5000238	Rock	2.1	<0.07	<0.5	60	25	103	<5	<5	<3	18	<2	<2	<0.2	57	21	42	5	96
Gold Hill 5000239	Rock	2.0	<0.07	<0.5	71	25	113	<5	<5	<3	19	<2	<2	<0.2	62	17	70	<5	83
Gold Hill 5000240	Rock	1.5	<0.07	<0.5	63	21	120	<5	<5	<3	19	<2	<2	<0.2	63	24	59	8	77
Gold Hill 5000241	Rock	1.8	<0.07	<0.5	59	22	116	<5	<5	<3	18	<2	<2	<0.2	63	24	56	6	79
Gold Hill 5000242	Rock	1.7	<0.07	<0.5	76	22	102	<5	<5	<3	17	<2	<2	<0.2	58	35	66	<5	116
Gold Hill 5000243	Rock	1.6	<0.07	<0.5	88	23	111	<5	<5	<3	16	<2	<2	<0.2	61	32	32	6	94
Gold Hill 5000244	Rock	2.1	<0.07	<0.5	97	23	122	<5	<5	<3	18	<2	<2	<0.2	66	32	61	<5	86
Davis 5000012	Rock	0.9	0.43	<0.5	213	<2	151	155	<5	<3	3	<2	<2	<0.2	5	4	74	<5	337
Davis 5000013	Rock	0.9	1.24	<0.5	42	2	125	20	<5	<3	5	<2	<2	<0.2	9	5	190	<5	290
Davis 5000014	Rock	1.5	4.14	<0.5	11	7	16	117	<5	<3	2	<2	<2	<0.2	5	3	118	<5	240
Davis 5000015	Rock	1.7	0.28	<0.5	33	2	11	93	<5	<3	2	<2	2	<0.2	2	2	20	<5	216
Davis 5000016	Rock	1.5	<0.07	<0.5	10	<2	3	128	<5	<3	1	<2	<2	<0.2	1	4	11	<5	215
Davis 5000017	Rock	1.4	0.72	<0.5	72	2	5	38	<5	<3	<1	<2	<2	<0.2	2	3	15	<5	200
Davis 5000018	Rock	1.0	<0.07	<0.5	9	3	5	42	<5	<3	1	<2	<2	<0.2	2	6	13	<5	285
Davis 5000019	Rock	1.5	0.62	<0.5	12	2	5	70	<5	<3	<1	<2	<2	<0.2	2	3	34	<5	223
Davis 5000020	Rock	1.7	<0.07	<0.5	8	2	4	38	<5	<3	<1	<2	4	<0.2	<1	5	4	<5	306
Davis 5000021	Rock	1.6	<0.07	<0.5	29	<2	5	68	<5	<3	<1	<2	2	<0.2	<1	2	4	<5	197
Davis 5000022	Rock	1.6	<0.07	<0.5	4	3	2	15	<5	<3	<1	<2	4	<0.2	<1	<1	10	<5	88
Davis 5000023	Rock	1.0	<0.07	<0.5	15	4	7	13	<5	<3	1	<2	2	<0.2	1	3	23	<5	143
Davis 5000024	Rock	1.6	0.14	<0.5	31	<2	6	57	<5	<3	2	<2	4	<0.2	1	8	11	<5	226
Davis 5000025	Rock	1.6	<0.07	<0.5	57	3	7	109	<5	<3	<1	<2	<2	<0.2	<1	4	11	<5	206
Davis 5000026	Rock	1.0	<0.07	<0.5	8	5	7	66	<5	<3	<1	<2	<2	<0.2	<1	5	12	<5	215
Davis 5000027	Rock	1.4	<0.07	<0.5	4	6	4	8	<5	<3	2	<2	5	<0.2	<1	4	3	<5	196
Porcupine 5000028	Rock	1.0	1.72	<0.5	51	17	60	35	<5	<3	15	<2	<2	<0.2	46	15	644	21	88
Porcupine 5000029	Rock	1.6	0.59	<0.5	22	16	43	<5	<5	<3	11	<2	6	<0.2	26	27	555	8	346
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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CERTIFICATE OF ANALYSIS

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Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
Switch Back 5000106	427	2206	3	51	72	39	1.65	7.59%	6.90	13%	4.32	0.01	2.57	0.08
Switch Back 5000107	394	2037	3	78	68	38	1.38	7.37%	6.72	12%	4.54	0.01	2.60	0.07
Switch Back 5000108	385	2055	3	55	65	39	1.40	7.73%	6.71	12%	4.65	0.02	2.81	0.06
Switch Back 5000109	422	2129	4	61	74	39	1.48	6.97%	5.50	12%	4.17	0.01	1.92	0.08
Switch Back 5000110	346	2009	3	54	46	35	1.16	6.74%	6.28	11%	4.03	0.03	2.16	0.05
Gold Hill 5000229	163	837	<2	15	6	21	0.18	3.67	0.77	5.01%	0.74	0.99	0.04	0.06
Gold Hill 5000230	276	1340	<2	98	11	31	0.47	6.79%	4.24	8.59%	3.28	0.95	0.16	0.04
Gold Hill 5000231	295	1765	<2	32	28	34	0.82	6.58%	2.61	7.71%	2.39	0.10	0.80	0.04
Gold Hill 5000232	298	2216	<2	52	23	35	0.61	7.40%	1.58	8.31%	1.20	0.13	0.12	0.04
Gold Hill 5000233	259	1891	<2	20	18	33	0.52	6.10%	2.25	7.34%	1.76	0.03	0.62	0.04
Gold Hill 5000234	305	1865	<2	40	27	36	0.81	7.08%	2.84	8.85%	2.73	0.10	1.46	0.04
Gold Hill 5000235	310	1575	2	61	29	37	0.64	7.83%	2.81	8.20%	2.13	0.72	0.59	0.04
Gold Hill 5000236	258	1432	2	174	27	30	0.47	6.23%	6.35	7.99%	3.04	0.66	0.58	0.05
Gold Hill 5000237	355	2072	<2	155	46	40	1.10	8.74%	5.78	12%	3.84	0.25	2.53	0.05
Gold Hill 5000238	380	1704	3	163	49	41	1.23	7.86%	6.95	12%	4.55	<0.01	2.91	0.05
Gold Hill 5000239	422	1922	4	144	49	41	1.49	8.06%	6.96	13%	4.63	0.01	2.82	0.06
Gold Hill 5000240	439	1838	4	127	55	42	1.54	7.62%	6.43	13%	4.70	<0.01	2.64	0.07
Gold Hill 5000241	416	1967	3	91	57	41	1.45	7.80%	6.97	13%	4.58	<0.01	3.02	0.06
Gold Hill 5000242	350	1717	3	125	45	40	1.13	8.02%	6.38	11%	4.94	0.02	3.48	0.04
Gold Hill 5000243	362	1770	2	122	40	41	1.09	7.80%	5.42	10%	5.08	<0.01	3.66	0.05
Gold Hill 5000244	378	1638	2	124	48	41	1.15	7.88%	4.87	12%	5.10	<0.01	3.23	0.05
Davis 5000012	34	359	<2	16	2	9	0.03	0.60	0.61	1.74	0.19	0.24	0.04	<0.01
Davis 5000013	61	526	<2	48	5	11	0.07	1.46	2.36	2.71	0.49	0.65	0.04	0.01
Davis 5000014	36	222	<2	24	2	5	0.04	0.91	1.14	1.69	0.22	0.42	0.02	0.01
Davis 5000015	8	124	<2	5	2	2	0.01	0.15	0.24	0.91	0.04	0.05	0.01	<0.01
Davis 5000016	3	65	<2	<1	<1	<1	<0.01	0.08	0.02	0.51	0.01	0.01	0.01	<0.01
Davis 5000017	5	52	<2	<1	<1	<1	0.01	0.11	0.01	0.43	0.01	0.04	0.01	<0.01
Davis 5000018	4	81	<2	1	<1	<1	0.01	0.11	0.07	0.57	0.01	0.02	0.01	<0.01
Davis 5000019	10	67	<2	1	<1	<1	0.01	0.29	0.03	0.58	0.02	0.11	0.01	<0.01
Davis 5000020	2	63	<2	1	<1	<1	<0.01	0.03	0.03	0.50	<0.01	<0.01	0.01	0.01
Davis 5000021	<1	34	<2	<1	<1	<1	<0.01	0.02	0.01	0.45	<0.01	<0.01	<0.01	<0.01
Davis 5000022	<1	19	<2	<1	<1	<1	<0.01	0.07	0.01	0.20	<0.01	0.01	0.01	<0.01
Davis 5000023	5	64	<2	3	<1	<1	0.01	0.25	0.04	0.54	0.01	0.05	0.03	<0.01
Davis 5000024	4	118	<2	3	<1	<1	<0.01	0.08	0.13	0.89	0.02	0.01	0.01	<0.01
Davis 5000025	2	71	<2	2	<1	<1	<0.01	0.09	0.02	0.52	<0.01	0.01	0.01	0.01
Davis 5000026	3	42	<2	<1	<1	<1	<0.01	0.08	0.01	0.49	<0.01	0.02	0.01	<0.01
Davis 5000027	1	37	<2	<1	1	<1	<0.01	0.02	0.01	0.40	<0.01	<0.01	0.01	<0.01
Porcupine 5000028	341	1863	<2	108	8	38	0.33	7.63%	4.45	10%	1.77	3.93	0.13	0.04
Porcupine 5000029	253	1441	<2	142	6	28	0.12	5.85%	5.62	5.88%	2.27	3.07	0.08	0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS

iPL 8I4270

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Phone (604) 272-9818
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Website www.ipl.ca

Client : Hawthorne Gold Corp
Project: 02 Ship#

189 Samples

180=Rock 8=Pulp 1=No Sample 10=Repeat [42700908528010270800l] In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
Porcupine 5000030	Rock	1.5	0.58	<0.5	41	21	52	31	<5	<3	20	<2	5	<0.2	38	39	576	11	249
Porcupine 5000031	Rock	1.7	0.58	<0.5	15	21	35	70	<5	<3	18	<2	7	<0.2	39	39	504	11	239
Porcupine 5000032	Rock	1.6	0.56	<0.5	31	22	48	67	<5	<3	19	<2	9	<0.2	45	50	579	20	231
Porcupine 5000033	Rock	1.8	0.16	<0.5	59	21	62	<5	<5	<3	18	<2	<2	<0.2	39	45	333	12	235
Porcupine 5000034	Rock	1.4	0.32	<0.5	56	24	58	129	<5	<3	19	<2	3	<0.2	45	49	661	12	351
East 5007363	Rock	1.4	0.27	<0.5	8	4	26	33	<5	<3	1	<2	<2	<0.2	2	3	83	<5	273
East 5007364	Rock	1.4	0.59	<0.5	11	8	20	64	5	<3	1	<2	<2	<0.2	3	5	82	<5	343
East 5007365	Rock	1.4	0.34	0.6	11	8	30	30	8	<3	2	<2	<2	<0.2	3	6	102	<5	461
East 5007366	Rock	1.4	0.51	<0.5	30	8	73	60	8	<3	4	<2	<2	<0.2	4	11	144	<5	424
East 5007367	Rock	1.6	3.01	2.2	12	7	226	96	7	<3	3	<2	4	<0.2	3	5	72	<5	339
East 5007368	Rock	1.0	3.78	2.1	50	6	158	89	<5	<3	2	<2	3	<0.2	2	6	54	<5	317
East 5007369	Rock	1.0	0.36	<0.5	14	8	180	21	7	<3	2	<2	<2	<0.2	2	4	32	<5	440
East 5007370	Pulp	—	0.78	1.4	7647	47	122	<5	8	<3	22	<2	21	<0.2	14	2	527	6	41
East 5007371	Rock	1.3	0.96	<0.5	36	5	173	73	7	<3	3	<2	3	<0.2	4	9	63	<5	516
East 5007372	Rock	1.0	0.62	1.4	16	10	68	53	7	<3	2	<2	<2	<0.2	3	4	116	<5	292
East 5007373	Rock	1.6	0.09	<0.5	19	5	13	22	7	<3	2	<2	<2	<0.2	4	7	126	<5	469
East 5007374	Rock	1.3	0.38	0.6	15	9	53	56	8	<3	2	<2	<2	<0.2	4	9	153	<5	324
East 5007375	Rock	1.6	0.18	<0.5	11	7	11	9	8	<3	2	<2	<2	<0.2	2	7	127	<5	327
East 5007376	Pulp	—	<0.07	<0.5	27	34	59	<5	7	<3	15	<2	<2	<0.2	19	18	472	11	60
East 5007377	Rock	1.6	0.26	<0.5	11	7	5	50	5	<3	2	<2	<2	<0.2	3	8	83	<5	336
East 5007378	Rock	1.5	0.17	<0.5	6	7	7	26	6	<3	3	<2	<2	<0.2	5	8	111	<5	414
East 5007379	Rock	1.8	0.11	<0.5	8	7	11	80	7	<3	2	<2	<2	<0.2	4	6	132	<5	363
East 5007380	Rock	1.7	0.44	<0.5	10	9	7	86	10	<3	2	<2	<2	<0.2	3	6	165	<5	446
East 5007381	Rock	1.4	0.07	<0.5	5	4	3	42	6	<3	1	<2	<2	<0.2	1	2	35	<5	348
East 5007382	Rock	1.6	0.07	<0.5	9	6	3	42	7	<3	1	<2	<2	<0.2	2	6	45	<5	420
East 5007383	Rock	1.7	0.56	<0.5	6	11	4	71	5	<3	3	<2	<2	<0.2	3	3	178	<5	333
East 5007384	Rock	1.6	0.19	<0.5	14	9	7	50	<5	<3	3	<2	<2	<0.2	5	9	167	<5	324
East 5007385	Rock	1.8	0.18	<0.5	10	10	4	56	7	<3	2	<2	<2	<0.2	2	5	125	<5	285
East 5007386	Rock	1.7	0.25	<0.5	14	10	3	38	7	<3	2	<2	3	<0.2	2	8	70	<5	243
East 5007387	Rock	1.6	0.21	<0.5	5	6	4	48	7	<3	2	<2	<2	<0.2	2	4	87	<5	364
East 5007388	Rock	1.7	0.11	<0.5	8	9	3	51	7	<3	1	<2	<2	<0.2	2	5	81	<5	316
East 5007389	Rock	1.8	0.09	1.8	9	10	7	102	69	<3	1	<2	<2	<0.2	2	6	87	<5	327
East 5007390	Pulp	—	0.76	0.8	7842	48	124	<5	7	<3	22	<2	28	<0.2	13	<1	590	8	38
East 5007391	Rock	1.6	0.39	<0.5	26	9	2	60	7	<3	<1	<2	<2	<0.2	1	3	171	<5	360
East 5007392	Rock	1.6	0.09	<0.5	14	10	5	65	<5	<3	3	<2	<2	<0.2	2	3	88	<5	285
East 5007393	Rock	1.6	<0.07	<0.5	13	6	5	37	8	<3	1	<2	<2	<0.2	2	7	77	<5	446
East 5007394	Rock	1.6	0.62	1.0	6	11	3	35	10	<3	1	<2	<2	<0.2	1	3	93	<5	392
East 5007395	Rock	1.8	0.29	<0.5	8	9	8	28	9	<3	3	<2	<2	<0.2	3	12	74	<5	424
East 5007396	Pulp	—	<0.07	<0.5	26	35	60	<5	<5	<3	15	<2	<2	<0.2	18	15	457	12	60
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat

[427009085280102708001]

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
Porcupine 5000030	291	1754	<2	118	6	35	0.15	7.98%	8.19	8.43%	2.43	4.18	0.13	0.03
Porcupine 5000031	270	1883	<2	130	7	34	0.14	7.76%	9.35	8.57%	2.66	4.08	0.10	0.03
Porcupine 5000032	313	2299	<2	113	8	42	0.22	8.78%	8.60	9.12%	2.30	4.73	0.11	0.02
Porcupine 5000033	268	1813	<2	48	5	34	0.18	7.30%	7.05	8.00%	2.81	3.12	0.09	0.04
Porcupine 5000034	301	1859	4	31	6	40	0.17	8.39%	2.77	9.82%	1.42	4.31	0.07	0.03
East 5007363	10	82	<2	1	1	<1	0.02	0.33	0.02	0.72	0.01	0.09	0.01	<0.01
East 5007364	10	50	<2	1	1	<1	0.02	0.31	0.01	0.65	0.01	0.10	0.01	<0.01
East 5007365	13	102	<2	<1	1	1	0.02	0.42	0.01	0.85	0.01	0.14	0.01	<0.01
East 5007366	17	159	<2	2	1	1	0.02	0.59	0.02	1.40	0.02	0.21	0.01	<0.01
East 5007367	8	45	<2	<1	<1	<1	0.01	0.30	0.01	0.96	0.01	0.09	0.01	<0.01
East 5007368	6	63	<2	<1	<1	<1	0.01	0.20	0.01	0.96	0.01	0.06	0.01	<0.01
East 5007369	3	73	<2	1	<1	<1	0.01	0.13	0.01	0.55	0.01	0.02	0.01	<0.01
East 5007370	82	960	8	293	15	7	0.15	6.46%	3.15	8.30%	1.25	2.90	1.27	0.04
East 5007371	6	635	<2	2	<1	<1	0.01	0.21	0.02	1.75	0.01	0.04	0.01	<0.01
East 5007372	12	90	<2	2	<1	1	0.02	0.42	0.01	0.73	0.01	0.14	0.01	<0.01
East 5007373	18	285	<2	6	<1	3	0.02	0.47	0.13	1.26	0.03	0.14	0.01	0.03
East 5007374	19	99	<2	1	<1	2	0.03	0.57	0.05	0.88	0.02	0.18	0.01	<0.01
East 5007375	8	119	<2	67	<1	<1	0.01	0.48	1.54	0.71	0.02	0.16	0.01	0.67
East 5007376	117	674	9	285	36	15	0.41	7.97%	3.56	4.26	1.75	0.96	3.11	0.05
East 5007377	11	115	<2	2	<1	1	0.01	0.32	0.04	0.92	0.02	0.09	0.01	<0.01
East 5007378	16	308	<2	13	1	3	0.02	0.41	0.41	0.96	0.08	0.13	0.01	0.06
East 5007379	16	76	<2	2	2	1	0.02	0.45	0.02	0.77	0.01	0.15	0.01	<0.01
East 5007380	16	114	<2	2	2	1	0.03	0.52	0.05	0.86	0.02	0.16	0.01	<0.01
East 5007381	3	62	<2	1	<1	<1	<0.01	0.13	0.01	0.74	<0.01	0.01	0.01	<0.01
East 5007382	4	40	<2	<1	<1	<1	0.01	0.16	0.01	0.59	<0.01	0.04	0.01	<0.01
East 5007383	22	61	<2	2	3	1	0.03	0.62	0.01	0.81	0.02	0.22	0.01	<0.01
East 5007384	22	121	<2	15	2	3	0.04	0.64	0.48	1.17	0.22	0.20	0.11	<0.01
East 5007385	15	42	<2	1	2	<1	0.03	0.44	0.01	0.59	0.01	0.13	0.01	<0.01
East 5007386	5	61	<2	1	<1	<1	0.01	0.29	0.01	0.77	0.01	0.06	0.01	<0.01
East 5007387	9	49	<2	<1	<1	<1	0.02	0.31	0.01	0.60	0.01	0.08	0.01	<0.01
East 5007388	8	38	<2	1	1	<1	0.01	0.30	0.01	0.52	0.01	0.08	0.01	<0.01
East 5007389	9	65	<2	2	2	<1	0.02	0.33	0.01	0.82	0.01	0.07	0.02	<0.01
East 5007390	83	964	8	300	15	7	0.15	6.59%	3.22	8.49%	1.27	2.73	1.31	0.04
East 5007391	16	41	<2	2	2	1	0.03	0.59	0.01	0.55	0.01	0.18	0.01	<0.01
East 5007392	9	82	<2	1	1	<1	0.01	0.31	0.01	0.93	0.01	0.09	0.01	<0.01
East 5007393	7	53	<2	<1	<1	<1	0.01	0.26	0.01	0.61	0.01	0.05	0.01	<0.01
East 5007394	9	56	<2	1	<1	<1	0.02	0.34	0.01	0.59	0.01	0.08	0.01	<0.01
East 5007395	9	111	<2	1	<1	<1	0.01	0.31	0.01	0.69	0.01	0.04	0.01	<0.01
East 5007396	115	666	9	279	34	15	0.39	7.68%	3.35	4.00	1.64	0.93	2.92	0.05
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS

iPL 8I4270

Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
East 5007397	Rock	1.6	0.11	<0.5	13	9	8	70	7	<3	1	<2	<2	<0.2	2	5	142	<5	340
East 5007398	Rock	1.7	0.24	1.7	18	6	23	31	6	<3	4	<2	<2	<0.2	3	11	176	<5	419
East 5007399	Rock	1.9	0.26	0.5	14	10	9	69	10	<3	2	<2	<2	<0.2	3	9	171	<5	447
East 5007400	Rock	1.5	0.29	4.8	8	13	12	54	16	<3	2	<2	<2	<0.2	2	5	216	<5	240
East 5007401	Rock	1.9	<0.07	<0.5	15	9	10	43	8	<3	3	<2	3	<0.2	2	7	96	<5	463
East 5007402	Rock	1.9	0.08	<0.5	11	7	10	67	7	<3	4	<2	7	<0.2	2	8	107	<5	453
East 5007403	Rock	2.9	<0.07	<0.5	9	9	10	16	7	<3	2	<2	2	<0.2	3	8	46	<5	392
East 5007404	Rock	2.8	0.08	<0.5	6	6	7	34	<5	<3	2	<2	<2	<0.2	3	4	96	<5	349
East 5007405	Rock	2.8	<0.07	<0.5	11	7	10	72	6	<3	3	<2	<2	<0.2	2	11	77	<5	313
East 5007406	Rock	2.5	0.09	<0.5	14	10	17	39	<5	<3	3	<2	<2	<0.2	4	9	220	<5	396
East 5007407	Rock	1.7	0.97	<0.5	9	6	17	55	7	<3	3	<2	<2	<0.2	4	12	127	<5	551
East 5007408	Rock	1.7	0.08	<0.5	6	7	31	26	8	<3	2	<2	<2	<0.2	3	7	157	<5	476
East 5007409	Rock	1.6	0.09	<0.5	9	11	8	6	7	<3	4	<2	3	<0.2	4	16	256	<5	610
East 5007410	Pulp	—	0.76	0.7	7983	48	124	<5	9	<3	25	<2	25	<0.2	13	<1	587	12	43
East 5007411	Rock	2.0	0.14	<0.5	29	7	16	51	9	<3	1	<2	<2	<0.2	2	6	98	<5	513
East 5007412	Rock	1.7	0.22	<0.5	23	8	7	40	7	<3	2	<2	3	<0.2	<1	10	60	<5	446
East 5007413	Rock	2.4	0.21	0.7	12	9	9	62	12	<3	3	<2	3	<0.2	3	12	97	<5	560
East 5007414	Rock	2.7	0.25	0.6	8	9	8	108	6	<3	2	<2	<2	<0.2	2	5	250	<5	317
East 5007415	Rock	2.7	0.18	<0.5	15	12	13	76	<5	<3	2	<2	<2	<0.2	3	6	118	<5	341
East 5007416	Pulp	—	<0.07	<0.5	27	39	60	<5	<5	<3	17	<2	<2	<0.2	18	17	461	10	58
East 5007417	Rock	2.0	0.22	<0.5	13	10	5	70	11	<3	4	<2	<2	<0.2	3	11	130	<5	631
East 5007418	Rock	2.1	<0.07	<0.5	20	18	10	20	8	<3	5	<2	6	<0.2	6	8	352	7	303
East 5007419	Rock	2.6	0.24	7.4	120	12	17	84	18	<3	6	<2	3	<0.2	5	14	219	<5	409
East 5007420	Rock	2.8	0.13	0.6	29	10	13	56	11	<3	4	<2	2	<0.2	4	12	134	<5	497
East 5007421	Rock	2.5	0.13	<0.5	26	13	28	19	14	<3	6	<2	<2	<0.2	6	14	231	<5	531
East 5007422	Rock	2.3	0.17	<0.5	15	15	11	35	11	<3	4	<2	<2	<0.2	4	10	229	<5	585
East 5007423	Rock	3.0	0.35	<0.5	26	18	19	53	14	<3	5	<2	<2	<0.2	5	12	360	8	494
East 5007424	Rock	1.8	0.17	<0.5	20	11	9	55	9	<3	4	<2	8	<0.2	4	9	245	<5	530
East 5007425	Rock	2.6	0.13	<0.5	20	11	8	71	15	<3	4	<2	<2	<0.2	3	9	194	<5	585
East 5007426	Rock	1.9	0.15	<0.5	15	10	7	89	9	<3	3	<2	<2	<0.2	4	9	224	<5	523
East 5007427	Rock	1.6	0.13	<0.5	13	8	4	77	7	<3	2	<2	5	<0.2	3	7	97	<5	422
East 5007428	Rock	1.9	0.37	<0.5	12	8	5	56	7	<3	2	<2	2	<0.2	3	11	131	<5	383
5000000	Rock	0.6	<0.07	<0.5	4	4	45	70	39	<3	14	<2	4	<0.2	86	2477	23	<5	2679
5000001	Rock	1.7	22.90	19.7	113	7	28	81	57	<3	5	<2	4	<0.2	4	13	24	<5	285
5000002	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5000003	Rock	2.6	128.56	141.8	3305	47	1.55%	77	1794	<3	17	<2	24	<0.2	20	115	17	<5	452
5000004	Rock	0.8	0.56	0.8	35	7	98	48	32	<3	4	<2	<2	<0.2	2	16	32	<5	841
5000005	Rock	1.6	0.09	<0.5	18	12	45	64	13	<3	3	<2	<2	<0.2	3	3	308	<5	425
5000114	Rock	0.7	0.14	21.8	618	5	746	20	184	<3	4	<2	4	1.0	2	25	9	<5	904
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
East 5007397	18	44	<2	2	2	1	0.03	0.53	0.02	0.68	0.02	0.16	0.01	<0.01
East 5007398	23	161	<2	6	3	2	0.03	0.66	0.16	0.83	0.14	0.23	0.01	<0.01
East 5007399	20	81	<2	2	3	2	0.04	0.57	0.02	0.81	0.02	0.16	0.01	<0.01
East 5007400	29	73	<2	2	3	2	0.05	0.85	0.02	0.63	0.03	0.24	0.02	<0.01
East 5007401	12	96	<2	2	2	<1	0.02	0.34	0.01	0.88	0.01	0.09	0.01	<0.01
East 5007402	7	83	<2	1	2	<1	0.01	0.29	0.01	0.91	0.01	0.06	0.01	<0.01
East 5007403	5	123	<2	1	1	<1	0.01	0.17	0.01	0.63	0.01	0.04	0.01	<0.01
East 5007404	8	102	<2	2	2	<1	0.01	0.36	0.01	0.94	0.01	0.08	0.01	<0.01
East 5007405	11	74	<2	2	2	<1	0.02	0.32	0.05	0.89	0.05	0.07	0.03	<0.01
East 5007406	20	169	<2	4	7	2	0.04	0.85	0.07	1.26	0.04	0.24	0.01	0.01
East 5007407	11	199	<2	8	3	1	0.02	0.46	0.26	1.12	0.22	0.15	0.01	0.01
East 5007408	14	180	<2	2	3	1	0.02	0.65	0.03	0.82	0.02	0.16	0.01	<0.01
East 5007409	20	192	<2	5	11	3	0.06	1.46	0.12	0.95	0.07	0.29	0.01	<0.01
East 5007410	82	967	7	299	15	7	0.16	6.71%	3.27	8.63%	1.28	2.88	1.35	0.04
East 5007411	10	106	<2	2	1	<1	0.01	0.36	0.02	0.86	0.01	0.09	0.01	<0.01
East 5007412	5	76	<2	1	<1	<1	0.01	0.21	0.03	0.70	0.01	0.03	0.01	<0.01
East 5007413	12	100	<2	1	2	1	0.02	0.37	0.01	0.83	0.01	0.09	0.01	<0.01
East 5007414	15	52	<2	2	3	1	0.03	0.66	0.02	0.86	0.02	0.19	0.01	<0.01
East 5007415	9	73	<2	2	4	1	0.02	0.52	0.01	0.93	0.01	0.11	0.01	<0.01
East 5007416	114	680	8	284	37	15	0.38	7.49%	3.25	3.90	1.59	0.93	2.85	0.05
East 5007417	14	83	<2	3	3	1	0.04	0.53	0.02	1.10	0.02	0.14	0.02	<0.01
East 5007418	40	197	<2	7	19	5	0.10	2.25	0.09	1.39	0.18	0.46	0.22	0.01
East 5007419	27	211	<2	3	5	3	0.04	0.89	0.02	1.82	0.05	0.25	0.03	<0.01
East 5007420	16	118	<2	2	4	2	0.03	0.61	0.03	1.35	0.02	0.15	0.01	<0.01
East 5007421	29	185	<2	7	9	3	0.05	1.51	0.19	1.34	0.16	0.24	0.40	0.01
East 5007422	24	201	<2	8	6	3	0.04	1.42	0.14	1.23	0.06	0.20	0.28	0.01
East 5007423	48	184	<2	6	11	5	0.11	1.95	0.06	1.50	0.05	0.47	0.29	0.02
East 5007424	31	177	<2	8	5	3	0.04	1.22	0.14	1.30	0.05	0.27	0.19	0.03
East 5007425	20	98	<2	2	3	1	0.04	0.77	0.01	1.41	0.02	0.18	0.02	<0.01
East 5007426	26	95	<2	2	5	2	0.04	0.87	0.03	0.96	0.03	0.26	0.01	<0.01
East 5007427	11	70	<2	1	1	<1	0.02	0.35	0.01	0.83	0.01	0.09	0.01	<0.01
East 5007428	14	60	<2	1	2	1	0.03	0.49	0.01	0.67	0.04	0.14	0.01	<0.01
5000000	12	421	<2	2	<1	3	<0.01	0.14	0.09	5.33%	21%	<0.01	<0.01	<0.01
5000001	2	40	<2	<1	<1	<1	<0.01	0.09	0.01	2.42	0.02	0.02	0.01	<0.01
5000002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5000003	<1	31	<2	<1	2	<1	<0.01	0.04	<0.01	14%	0.01	<0.01	<0.01	<0.01
5000004	7	69	<2	2	<1	<1	0.01	0.17	0.01	0.96	0.01	0.02	0.01	<0.01
5000005	49	33	<2	2	4	2	0.08	1.48	0.01	0.64	0.02	0.46	0.03	<0.01
5000114	3	99	<2	8	<1	<1	<0.01	0.04	0.25	0.82	0.14	<0.01	<0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Ship#

189 Samples

180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5000115	Rock	0.7	0.54	<0.5	14	6	63	141	14	<3	7	<2	5	<0.2	17	249	20	<5	698
5000204	Rock	0.4	0.09	<0.5	14	4	80	10	25	<3	8	<2	2	<0.2	3	31	22	<5	1613
5000205	Rock	0.5	<0.07	<0.5	5484	33	53	<5	<5	<3	18	<2	9	<0.2	14	<1	1496	12	82
5000206	Rock	0.5	0.09	<0.5	37	21	16	<5	<5	<3	10	<2	3	<0.2	12	21	106	5	656
5000207	Rock	0.8	<0.07	4.8	177	8	92	<5	79	<3	3	<2	3	<0.2	2	28	276	<5	467
5000245	Rock	0.5	<0.07	<0.5	22	15	38	<5	16	<3	6	<2	3	<0.2	5	36	2470	<5	938
5000246	Rock	0.2	<0.07	<0.5	105	14	33	<5	49	<3	16	<2	7	<0.2	96	1511	124	<5	3756
5000247	Rock	0.7	<0.07	<0.5	13	14	36	<5	<5	<3	18	<2	6	<0.2	24	160	183	<5	504
5000248	Rock	0.6	<0.07	<0.5	17	37	41	<5	<5	<3	11	<2	5	<0.2	10	15	1406	6	275
5000249	Rock	0.6	<0.07	<0.5	89	33	120	<5	<5	<3	25	<2	6	<0.2	80	238	202	7	428
5000250	Pulp	—	0.76	1.0	7579	51	118	<5	6	<3	25	<2	27	<0.2	14	<1	565	8	38
5000252	Rock	0.9	<0.07	<0.5	75	46	80	<5	<5	<3	21	<2	<2	<0.2	51	63	75	8	290
5000501	Rock	0.9	<0.07	<0.5	112	31	192	<5	<5	<3	21	<2	<2	<0.2	53	42	26	5	186
5000502	Rock	0.7	<0.07	<0.5	46	28	109	<5	<5	<3	25	<2	<2	<0.2	60	14	23	7	45
5000503	Rock	1.7	<0.07	<0.5	76	28	82	<5	<5	<3	20	<2	<2	<0.2	54	48	29	7	228
5000504	Rock	0.6	<0.07	<0.5	5	64	36	<5	<5	<3	10	<2	<2	<0.2	5	<1	551	7	184
5000505	Rock	1.0	<0.07	<0.5	44	47	71	<5	<5	<3	21	<2	<2	<0.2	41	144	3044	6	422
5000506	Rock	1.4	<0.07	<0.5	50	72	88	<5	<5	<3	23	<2	5	<0.2	31	35	300	10	181
5000507	Rock	2.9	<0.07	<0.5	25	5	8	<5	<5	<3	3	<2	<2	<0.2	4	12	51	<5	375
5000508	Rock	0.6	<0.07	<0.5	34	33	96	<5	<5	<3	23	<2	5	<0.2	41	<1	403	7	75
5000509	Rock	0.4	<0.07	<0.5	42	38	82	<5	<5	<3	20	<2	3	<0.2	36	<1	610	11	77
5000510	Rock	0.6	<0.07	<0.5	49	28	91	<5	<5	<3	19	<2	<2	<0.2	52	28	72	8	140
5000511	Rock	0.7	<0.07	<0.5	89	28	97	<5	<5	<3	24	<2	<2	<0.2	58	18	19	13	89
5000512	Rock	0.5	<0.07	<0.5	68	31	100	<5	<5	<3	22	<2	<2	<0.2	54	12	25	11	79
5000513	Pulp	—	<0.07	<0.5	25	35	57	<5	<5	<3	16	<2	2	<0.2	17	20	452	10	54
5001001	Rock	2.1	<0.07	<0.5	12	8	19	19	<5	<3	4	<2	<2	<0.2	8	13	117	<5	381
5006001	Rock	1.4	<0.07	<0.5	6	4	25	6	17	<3	13	<2	4	<0.2	68	1476	12	<5	1428
5006002	Rock	1.0	<0.07	1.9	9	12	8	18	7	<3	4	<2	<2	<0.2	4	19	228	<5	284
5006003	Rock	0.5	<0.07	<0.5	25	31	53	<5	<5	<3	20	<2	4	<0.2	40	71	410	8	253
5006004	Rock	1.0	<0.07	<0.5	3	6	12	12	<5	<3	7	<2	4	<0.2	4	48	27	<5	385
5006005	Rock	1.0	<0.07	<0.5	4	5	1	<5	6	<3	2	<2	<2	<0.2	1	10	14	<5	345
5006006	Rock	0.5	<0.07	<0.5	7	<2	3	<5	11	<3	4	<2	<2	<0.2	2	8	8	<5	895
5006007	Rock	1.4	0.37	70.8	1392	3268	6188	122	636	<3	5	<2	<2	38.3	1	12	27	<5	572
RE Lakeview 5000002	Repeat	—	<0.07	12.7	168	4	76	<5	96	<3	1	<2	2	<0.2	2	6	31	<5	471
RE Smile 5000214	Repeat	—	0.84	0.7	24	10	23	119	13	<3	6	<2	10	<0.2	10	13	140	<5	819
RE Switch Back 5000106	Repeat	—	<0.07	<0.5	62	24	112	<5	<5	<3	17	<2	<2	<0.2	63	12	50	7	35
RE Gold Hill 5000243	Repeat	—	<0.07	<0.5	86	22	105	<5	<5	<3	17	<2	<2	<0.2	59	34	32	7	93
RE Porcupine 5000030	Repeat	—	0.56	<0.5	41	31	61	37	<5	<3	18	<2	6	<0.2	38	32	548	12	248
RE East 5007377	Repeat	—	0.26	<0.5	10	8	7	49	7	<3	1	<2	<2	<0.2	3	8	82	<5	405
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
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Client : Hawthorne Gold Corp
Project: 02
Ship# **189 Samples**
180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001]
Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5000115	14	381	<2	213	<1	2	<0.01	0.10	4.17	2.34	2.28	<0.01	<0.01	<0.01
5000204	7	256	<2	25	<1	<1	<0.01	0.09	0.83	1.69	0.44	<0.01	<0.01	<0.01
5000205	103	409	11	21	77	14	0.41	7.04%	0.39	6.43%	1.69	1.16	2.00	0.06
5000206	64	300	6	49	29	9	0.23	4.54	0.52	3.47	1.12	0.02	2.51	0.02
5000207	22	94	<2	11	5	2	0.01	0.54	0.23	0.73	0.40	0.18	0.01	<0.01
5000245	36	216	<2	11	11	3	0.03	0.88	0.25	1.30	0.20	0.33	0.02	<0.01
5000246	53	1508	<2	305	4	14	0.01	1.66	8.18	5.64%	9.68	0.74	0.02	<0.01
5000247	140	2375	<2	143	4	25	0.01	3.62	5.35	8.69%	8.39	1.37	0.03	<0.01
5000248	77	61	20	21	76	10	0.13	6.65%	0.09	3.31	0.40	2.96	0.08	0.02
5000249	238	1995	<2	35	14	36	0.99	10%	3.31	12%	7.66	1.46	1.71	0.03
5000250	80	928	7	286	16	7	0.15	6.27%	3.08	8.29%	1.25	2.83	1.20	0.04
5000252	308	1402	20	233	62	36	1.03	9.42%	2.82	8.28%	6.01	0.02	3.73	0.12
5000501	301	1724	<2	41	32	40	0.88	8.15%	5.88	9.11%	5.94	0.06	3.62	0.03
5000502	407	2048	4	164	81	38	1.48	7.41%	7.38	12%	4.63	0.07	2.28	0.07
5000503	271	1643	<2	156	34	38	0.98	8.17%	8.77	9.15%	5.16	0.21	2.68	0.04
5000504	10	197	32	108	39	2	0.19	8.67%	0.50	1.63	0.37	6.45	2.73	0.08
5000505	147	827	105	1811	262	19	0.70	8.34%	5.76	5.82%	5.71	3.29	2.98	0.26
5000506	95	416	45	133	45	18	0.55	11%	0.41	6.54%	1.72	3.59	1.21	0.02
5000507	9	377	<2	6	4	<1	0.02	0.30	0.03	1.47	0.06	0.03	0.02	0.01
5000508	130	2162	3	165	34	17	1.16	9.58%	4.22	9.60%	2.34	0.11	4.60	0.08
5000509	112	2250	5	153	59	15	0.93	9.18%	3.48	7.34%	2.06	0.12	5.08	0.10
5000510	320	1715	<2	58	32	37	1.09	7.40%	7.66	9.97%	4.75	0.20	3.01	0.04
5000511	318	1753	<2	50	25	37	1.04	8.03%	7.26	11%	5.10	0.01	2.39	0.04
5000512	345	2052	<2	58	32	42	1.21	8.54%	7.53	12%	4.94	0.06	3.21	0.04
5000513	112	643	7	270	35	14	0.39	7.48%	3.27	3.94	1.61	0.88	2.98	0.05
5001001	33	272	<2	15	2	5	0.04	0.92	1.99	1.73	0.20	0.20	0.04	0.03
5006001	11	658	<2	2	2	3	0.01	0.24	0.15	4.65	21%	<0.01	0.02	<0.01
5006002	17	158	<2	3	1	2	0.02	0.41	0.23	0.69	0.09	0.17	0.01	<0.01
5006003	182	895	<2	60	13	34	0.36	8.53%	6.50	6.51%	5.57	0.41	1.98	0.02
5006004	10	384	<2	418	1	<1	<0.01	0.08	6.87	1.46	3.89	<0.01	0.01	<0.01
5006005	2	49	<2	4	<1	<1	<0.01	0.05	0.05	0.43	0.03	<0.01	0.01	<0.01
5006006	<1	200	<2	3	<1	<1	<0.01	0.04	0.04	2.10	0.02	<0.01	0.01	<0.01
5006007	2	80	<2	18	<1	<1	<0.01	0.09	0.31	0.62	0.43	<0.01	0.01	<0.01
RE Lakeview 5000002	6	125	<2	4	1	<1	<0.01	0.19	0.06	0.69	0.02	0.05	0.02	0.01
RE Smile 5000214	50	477	<2	15	2	9	0.03	0.99	1.41	4.35	0.30	0.37	0.02	0.01
RE Switch Back 5000106	422	2207	3	51	69	39	1.67	7.75%	6.94	13%	4.38	0.01	2.59	0.07
RE Gold Hill 5000243	350	1805	<2	122	38	40	1.10	7.88%	5.54	11%	5.18	<0.01	3.68	0.05
RE Porcupine 5000030	279	1771	<2	114	6	34	0.17	7.83%	8.08	8.75%	2.39	4.00	0.13	0.03
RE East 5007377	11	111	<2	2	<1	1	0.01	0.32	0.04	0.89	0.02	0.08	0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Ship# **189 Samples**
180=Rock 8=Pulp 1=No Sample 10=Repeat [427009085280102708001] In: Sep 09, 2008
Print: Oct 27, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
RE East 5007397	Repeat	—	0.11	<0.5	14	10	9	68	7	<3	2	<2	<2	<0.2	2	4	139	<5	386
RE East 5007416	Repeat	—	<0.07	<0.5	28	37	59	<5	<5	<3	16	<2	<2	<0.2	17	16	449	14	57
RE 5000115	Repeat	—	0.55	<0.5	22	6	56	139	15	<3	8	<2	5	<0.2	17	257	21	<5	677
RE 5000508	Repeat	—	<0.07	<0.5	36	40	97	<5	<5	<3	24	<2	3	<0.2	42	<1	401	8	78
Blank iPL	Blk iPL	—	<0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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Client : Hawthorne Gold Corp
Project: 02

189 Samples

Ship#

180=Rock 8=Pulp 1=No Sample 10=Repeat [42700908528010270800 1] In: Sep 09, 2008

Print: Oct 27, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
RE East 5007397	17	50	<2	2	1	1	0.02	0.51	0.02	0.70	0.02	0.15	0.01	<0.01
RE East 5007416	111	640	8	268	32	14	0.38	7.53%	3.29	3.98	1.60	0.90	3.02	0.05
RE 5000115	13	393	<2	211	<1	2	<0.01	0.10	4.20	2.55	2.29	<0.01	0.01	<0.01
RE 5000508	129	1949	4	165	39	17	1.14	9.34%	4.03	9.23%	2.29	0.11	4.42	0.08
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Hawthorne Gold Corp
Project : 02 Table Mountain
Shipper : Andrew Caldwell
Shipment: PO#: 08-02-245
Comment:

198 Samples Print: Oct 27, 2008 In: Sep 09, 2008 [427117:13:27:80102708:002]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	178	Rock	crush, split & pulverize to -150 mesh.	12M/Dis	03M/Dis
B31100	20	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	11	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90026	1	Std iPL	Std iPL (Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

Analysis: ICP(Multi-Acid)30 Au(FA/AAS)

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0801	Spec	Kg	Weight in Kilogram (1 decimal place)	Wt	0.1	9999.0
02	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	5000.00
03	0771	ICPM	ppm	Ag ICP(Multi-Acid)	Silver	0.5	500.0
04	0761	ICPM	ppm	Cu ICP(Multi-Acid)	Copper	1	20000
05	0764	ICPM	ppm	Pb ICP(Multi-Acid) Depressed	Lead	2	10000
06	0780	ICPM	ppm	Zn ICP(Multi-Acid)	Zinc	1	10000
07	0753	ICPM	ppm	As ICP(Multi-Acid) Depressed	Arsenic	5	10000
08	0752	ICPM	ppm	Sb ICP(Multi-Acid) Depressed	Antimony	5	2000
09	0782	ICPM	ppm	Hg ICP(Multi-Acid)	Mercury	3	10000
10	0767	ICPM	ppm	Mo ICP(Multi-Acid)	Molydenum	1	1000
11	0797	ICPM	ppm	Tl ICP(Multi-Acid)	Thallium	2	1000
12	0755	ICPM	ppm	Bi ICP(Multi-Acid)	Bismuth	2	2000
13	0757	ICPM	ppm	Cd ICP(Multi-Acid)	Cadmium	0.2	2000.0
14	0760	ICPM	ppm	Co ICP(Multi-Acid)	Cobalt	1	10000
15	0768	ICPM	ppm	Ni ICP(Multi-Acid)	Nickel	1	10000
16	0754	ICPM	ppm	Ba ICP(Multi-Acid)	Barium	2	10000
17	0777	ICPM	ppm	W ICP(Multi-Acid)	Tungsten	5	1000
18	0759	ICPM	ppm	Cr ICP(Multi-Acid)	Chromium	1	10000
19	0779	ICPM	ppm	V ICP(Multi-Acid)	Vanadium	1	10000
20	0766	ICPM	ppm	Mn ICP(Multi-Acid)	Manganese	1	10000
21	0763	ICPM	ppm	La ICP(Multi-Acid)	Lanthanum	2	10000
22	0773	ICPM	ppm	Sr ICP(Multi-Acid)	Strontium	1	10000
23	0781	ICPM	ppm	Zr ICP(Multi-Acid)	Zirconium	1	10000
24	0786	ICPM	ppm	Sc ICP(Multi-Acid)	Scandium	1	10000
25	0776	ICPM	%	Ti ICP(Multi-Acid)	Titanium	0.01	10.00
26	0751	ICPM	%	Al ICP(Multi-Acid)	Aluminum	0.01	5.00
27	0758	ICPM	%	Ca ICP(Multi-Acid)	Calcium	0.01	10.00
28	0762	ICPM	%	Fe ICP(Multi-Acid)	Iron	0.01	5.00
29	0765	ICPM	%	Mg ICP(Multi-Acid)	Magnesium	0.01	10.00
30	0770	ICPM	%	K ICP(Multi-Acid)	Potassium	0.01	10.00
31	0772	ICPM	%	Na ICP(Multi-Acid)	Sodium	0.01	10.00
32	0769	ICPM	%	P ICP(Multi-Acid)	Phosphorus	0.01	5.00

* Our liability is limited solely to the analytical cost of these analyses.
ID=C1040120809

BC Certified Assayer: David Chiu, Francis Chan

Signature: _____

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iPL 3I4271

Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship#

198 Samples
178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [4271171327801027080002]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5000035	Rock	1.6	0.01	<0.5	25	5	8	<5	<5	<3	1	<2	<2	<0.2	2	8	21	<5	282
5000036	Pulp	—	<0.01	<0.5	23	<2	66	<5	<5	<3	6	<2	<2	<0.2	19	31	591	15	73
5000037	Rock	1.6	0.04	55.9	755	4	117	10	435	<3	<1	<2	<2	0.6	2	8	29	<5	423
5000038	Rock	1.8	0.05	71.8	188	4	47	12	83	<3	3	<2	<2	<0.2	2	17	35	<5	579
5000039	Rock	1.8	1.18	<0.5	13	5	16	15	<5	<3	1	<2	<2	<0.2	2	7	21	<5	373
5000040	Rock	1.8	0.06	<0.5	13	<2	18	13	<5	<3	2	<2	<2	<0.2	2	12	20	<5	507
5000041	Rock	1.8	0.01	<0.5	20	3	5	<5	<5	<3	2	<2	<2	<0.2	2	11	20	<5	422
5000042	Rock	1.5	0.09	70.1	1990	3	325	<5	104	<3	2	<2	<2	0.6	3	13	40	<5	571
5000043	Rock	1.7	0.01	18.6	210	3	40	5	92	<3	2	<2	<2	<0.2	2	8	17	<5	333
5000044	Rock	1.5	0.02	29.2	148	4	61	<5	51	<3	2	<2	<2	<0.2	1	11	19	<5	328
5000045	Rock	1.5	0.06	0.7	33	2	14	10	7	<3	2	<2	<2	<0.2	1	7	21	<5	359
5000046	Rock	1.7	0.02	2.8	59	5	381	5	15	<3	2	<2	<2	1.4	1	10	21	<5	320
5000047	Rock	1.7	0.02	71.6	278	5	157	<5	177	<3	1	<2	<2	0.5	1	6	18	<5	401
5000048	Rock	2.0	0.04	36.2	167	4	38	10	69	<3	2	<2	<2	<0.2	<1	10	43	<5	370
5000049	Rock	1.5	0.04	63.0	548	6	89	13	296	<3	1	<2	<2	0.2	2	8	28	<5	432
5000050	Pulp	—	0.78	<0.5	7533	17	145	<5	28	<3	12	<2	<2	<0.2	12	20	775	<5	49
5000051	Rock	1.6	0.61	22.3	651	4	216	32	40	<3	2	<2	<2	0.7	2	15	65	<5	478
5000052	Rock	1.9	0.12	8.6	168	<2	122	67	18	<3	1	<2	<2	<0.2	4	11	97	<5	541
5000053	Rock	1.8	0.01	<0.5	20	4	13	5	5	<3	1	<2	<2	<0.2	<1	7	22	<5	361
5000054	Rock	2.0	0.02	0.5	33	<2	22	14	9	<3	3	<2	<2	<0.2	2	12	36	<5	415
5000055	Rock	1.8	0.02	<0.5	78	3	23	17	11	<3	1	<2	<2	<0.2	1	7	38	<5	368
5000056	Pulp	—	<0.01	<0.5	26	<2	66	<5	<5	<3	5	<2	<2	<0.2	19	31	609	10	75
5000057	Rock	2.0	0.05	<0.5	92	3	44	24	9	<3	3	<2	<2	<0.2	2	15	52	<5	483
5000058	Rock	1.7	0.09	1.1	51	2	43	29	8	<3	1	<2	<2	<0.2	2	7	49	<5	520
5000059	Rock	1.8	0.05	9.2	167	<2	68	25	65	<3	2	<2	<2	<0.2	2	11	41	<5	439
5000060	Rock	1.6	0.09	91.9	1567	5	843	20	346	<3	<1	<2	<2	3.1	2	9	62	9	683
5000061	Rock	1.7	0.03	17.1	141	4	88	16	62	<3	3	<2	<2	<0.2	2	11	54	<5	326
5000062	Rock	1.6	0.02	21.9	204	2	63	14	57	<3	1	<2	<2	<0.2	2	6	42	<5	387
5000063	Rock	1.7	0.02	56.6	726	<2	545	18	444	<3	3	<2	<2	2.4	3	10	90	7	360
5000064	Rock	1.6	0.06	354.8	2414	<2	412	44	0.22%	<3	1	<2	<2	3.4	2	6	53	<5	397
5000065	Rock	1.6	0.07	287.3	1745	<2	314	52	1784	<3	2	<2	<2	2.2	1	10	71	<5	434
5000066	Rock	1.6	0.09	98.2	962	3	275	25	313	<3	1	<2	<2	0.9	2	8	71	<5	513
5000067	Rock	1.7	0.02	11.9	216	<2	192	6	119	<3	2	<2	<2	0.5	1	11	60	<5	332
5000068	Rock	1.7	0.04	158.8	981	5	246	20	442	<3	3	<2	<2	0.8	2	10	58	<5	370
5000069	Rock	1.9	0.04	70.1	891	3	167	11	625	<3	1	<2	<2	0.8	1	7	41	<5	442
5000070	Pulp	—	0.76	<0.5	8235	16	145	<5	35	<3	12	<2	<2	<0.2	12	19	764	<5	52
5000071	Rock	1.6	0.01	<0.5	20	<2	15	8	9	<3	2	<2	<2	<0.2	1	11	31	<5	385
5000072	Rock	1.5	0.09	1.1	66	4	56	10	19	<3	1	<2	<2	<0.2	2	9	33	<5	391
5000073	Rock	1.7	0.01	<0.5	24	3	19	11	8	<3	2	<2	<2	<0.2	1	10	38	<5	305
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

198 Samples

Ship#

178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117132780102708002]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5000035	2	65	<2	2	<1	<1	<0.01	0.08	0.03	0.60	0.01	0.02	0.01	0.01
5000036	142	853	11	343	24	16	0.39	7.26%	2.86	3.64	1.45	0.85	2.62	0.06
5000037	4	68	<2	3	<1	<1	<0.01	0.12	0.04	0.59	0.01	0.03	0.01	0.01
5000038	4	67	<2	2	<1	<1	0.01	0.15	0.03	0.76	0.01	0.04	0.01	<0.01
5000039	2	166	<2	16	<1	2	<0.01	0.08	0.27	0.65	0.11	0.02	0.01	<0.01
5000040	2	177	<2	14	<1	2	<0.01	0.08	0.25	0.71	0.11	0.02	0.01	<0.01
5000041	1	93	<2	1	<1	<1	<0.01	0.06	0.01	0.93	<0.01	0.01	<0.01	<0.01
5000042	15	115	<2	10	<1	1	0.05	0.39	0.20	1.20	0.09	0.02	0.13	<0.01
5000043	2	57	<2	<1	<1	<1	<0.01	0.06	0.01	0.64	<0.01	0.01	0.01	<0.01
5000044	2	52	<2	1	<1	<1	<0.01	0.07	0.02	0.43	0.01	0.01	0.01	<0.01
5000045	3	45	<2	1	<1	<1	<0.01	0.10	0.01	0.53	<0.01	0.03	0.01	<0.01
5000046	2	42	<2	1	<1	<1	<0.01	0.09	0.01	0.43	0.01	0.02	0.01	<0.01
5000047	2	45	<2	<1	<1	<1	<0.01	0.06	0.02	0.44	0.01	0.02	0.01	<0.01
5000048	3	82	<2	2	<1	<1	<0.01	0.13	0.06	0.46	0.03	0.03	0.01	<0.01
5000049	3	57	<2	1	<1	<1	<0.01	0.10	0.02	0.62	0.01	0.03	0.01	<0.01
5000050	106	1183	9	371	11	8	0.16	6.33%	2.89	7.80%	1.19	2.31	1.22	0.07
5000051	8	74	<2	2	<1	<1	0.01	0.21	0.02	0.79	0.01	0.07	0.01	<0.01
5000052	17	139	<2	3	<1	2	0.01	0.37	0.04	1.21	0.03	0.13	0.01	<0.01
5000053	2	56	<2	1	<1	<1	<0.01	0.06	0.02	0.46	0.01	0.01	0.01	<0.01
5000054	5	114	<2	3	<1	1	<0.01	0.15	0.18	0.59	0.10	0.04	0.01	<0.01
5000055	4	69	<2	2	<1	<1	<0.01	0.15	0.04	0.57	0.02	0.03	0.01	<0.01
5000056	142	851	10	329	25	16	0.41	7.22%	3.10	3.79	1.59	0.89	2.85	0.06
5000057	7	134	<2	2	<1	2	0.01	0.21	0.04	0.86	0.02	0.05	0.01	<0.01
5000058	7	92	<2	3	<1	2	0.01	0.20	0.07	0.74	0.03	0.05	0.01	0.01
5000059	5	130	<2	2	<1	2	<0.01	0.17	0.04	0.70	0.02	0.04	0.01	0.01
5000060	9	66	<2	2	<1	<1	0.03	0.24	0.02	0.93	0.01	0.07	0.01	<0.01
5000061	5	48	<2	3	<1	<1	<0.01	0.19	0.03	0.57	0.01	0.05	0.01	0.01
5000062	4	48	<2	1	<1	<1	0.01	0.17	0.02	0.57	0.01	0.04	0.01	<0.01
5000063	7	68	<2	5	<1	<1	<0.01	0.39	0.08	0.66	0.02	0.13	0.01	0.03
5000064	3	47	<2	2	<1	<1	<0.01	0.22	0.03	0.65	0.01	0.06	0.01	0.01
5000065	7	37	<2	2	<1	<1	0.01	0.32	0.01	0.57	0.01	0.10	0.01	0.01
5000066	7	74	<2	2	<1	<1	0.01	0.29	0.07	0.91	0.03	0.07	0.01	<0.01
5000067	3	68	<2	4	<1	<1	<0.01	0.31	0.08	0.45	0.03	0.10	0.01	0.02
5000068	8	38	<2	4	<1	<1	0.01	0.24	0.06	0.73	0.01	0.07	0.01	0.03
5000069	4	49	<2	1	<1	<1	<0.01	0.18	0.01	0.65	0.01	0.05	0.01	<0.01
5000070	103	1285	9	361	10	7	0.18	6.89%	3.24	8.37%	1.42	2.72	1.46	0.07
5000071	3	44	<2	2	<1	<1	<0.01	0.11	0.02	0.43	0.01	0.02	0.01	<0.01
5000072	2	48	<2	2	<1	<1	<0.01	0.10	0.02	0.55	<0.01	0.01	0.01	<0.01
5000073	4	42	<2	2	<1	<1	<0.01	0.13	0.01	0.43	0.01	0.02	0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship# **198 Samples** 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003] Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5000074	Rock	1.5	0.01	6.9	82	4	50	<5	23	<3	1	<2	<2	<0.2	1	7	14	<5	408
5000075	Rock	1.9	0.06	2.8	27	4	31	14	16	<3	2	<2	<2	<0.2	1	10	53	<5	369
5000076	Pulp	—	<0.01	<0.5	23	<2	65	5	<5	<3	6	<2	<2	<0.2	19	29	592	11	73
5000077	Rock	1.6	0.01	0.6	27	4	18	11	12	<3	2	<2	<2	<0.2	2	9	44	<5	330
5000078	Rock	1.7	0.08	16.1	133	4	23	12	57	<3	2	<2	<2	<0.2	2	12	58	<5	374
5000079	Rock	1.6	0.03	<0.5	8	2	7	20	6	<3	1	<2	<2	<0.2	2	7	62	<5	337
5000080	Rock	1.7	0.02	0.7	10	<2	5	5	8	<3	2	<2	<2	<0.2	1	10	39	<5	301
5000081	Rock	1.7	0.02	<0.5	48	3	19	<5	14	<3	2	<2	<2	<0.2	2	11	21	<5	510
5000082	Rock	1.6	0.09	6.6	110	3	23	12	51	<3	2	<2	<2	<0.2	2	13	22	<5	508
5000083	Rock	1.6	0.01	6.9	60	3	31	<5	21	<3	2	<2	<2	<0.2	1	7	31	<5	409
5000084	Rock	1.8	0.02	31.7	277	4	91	<5	96	<3	3	<2	<2	<0.2	1	11	19	<5	353
5000085	Rock	1.9	0.02	18.8	103	5	59	8	114	<3	2	<2	<2	<0.2	1	7	17	<5	402
5000086	Rock	2.0	0.01	22.6	194	5	39	8	57	<3	2	<2	<2	<0.2	<1	11	17	<5	335
5000087	Rock	1.8	0.04	23.8	309	2	93	6	169	<3	1	<2	<2	<0.2	1	7	16	<5	342
5000088	Rock	2.0	0.02	60.2	578	5	265	9	293	<3	2	<2	<2	1.0	1	13	19	<5	324
5000089	Rock	2.0	0.01	6.6	91	5	87	<5	21	<3	1	<2	<2	<0.2	1	8	20	<5	423
5000090	Pulp	—	0.80	<0.5	7490	15	146	13	27	<3	12	<2	<2	<0.2	13	19	733	<5	47
5000091	Rock	1.8	0.09	65.2	254	4	71	25	260	<3	2	<2	<2	<0.2	2	12	27	<5	540
5000092	Rock	1.8	0.01	4.5	92	5	84	6	25	<3	3	<2	<2	<0.2	2	12	17	<5	432
5000093	Rock	1.7	0.01	4.1	71	6	1325	<5	21	<3	2	<2	<2	5.5	<1	11	17	15	399
5000094	Rock	1.8	0.01	2.0	35	3	18	<5	21	<3	2	<2	<2	<0.2	1	11	19	<5	388
5000095	Rock	1.8	<0.01	3.9	97	3	71	22	39	<3	2	<2	<2	<0.2	2	12	29	<5	460
5000096	Pulp	—	<0.01	<0.5	23	<2	67	<5	<5	<3	6	<2	<2	<0.2	19	31	609	12	78
5000097	Rock	1.6	<0.01	14.8	117	3	21	<5	83	<3	2	<2	<2	<0.2	1	11	12	<5	405
5000098	Rock	1.6	0.09	1.5	17	10	13	<5	7	<3	2	<2	<2	<0.2	1	10	22	<5	503
5000099	Rock	1.5	0.01	1.0	19	4	12	<5	6	<3	3	<2	<2	<0.2	<1	11	15	<5	338
5000100	Rock	1.6	0.02	76.6	1141	5	1591	21	701	<3	2	<2	<2	8.2	2	11	24	16	393
5007231	Rock	1.5	<0.01	<0.5	11	4	74	7	10	<3	2	<2	<2	<0.2	<1	11	16	<5	412
5007232	Rock	1.8	<0.01	<0.5	8	2	15	<5	7	<3	2	<2	<2	<0.2	1	10	11	<5	379
5007233	Rock	1.8	<0.01	<0.5	6	4	16	<5	<5	<3	2	<2	<2	<0.2	1	10	16	<5	206
5007234	Rock	1.6	0.05	<0.5	7	5	14	10	<5	<3	2	<2	<2	<0.2	1	9	47	<5	458
5007235	Rock	1.9	0.01	<0.5	7	3	79	<5	<5	<3	2	<2	<2	<0.2	1	10	16	<5	342
5007236	Pulp	—	<0.01	<0.5	23	<2	66	<5	<5	<3	6	<2	<2	<0.2	19	30	596	11	75
5007237	Rock	1.8	0.01	<0.5	11	3	178	<5	5	<3	1	<2	<2	0.2	1	7	18	<5	585
5007238	Rock	2.0	0.03	<0.5	16	4	136	6	5	<3	2	<2	<2	<0.2	1	10	17	<5	472
5007239	Rock	1.8	0.22	10.5	81	4	81	33	49	<3	2	<2	<2	0.3	1	9	17	<5	454
5007240	Rock	1.8	0.02	<0.5	29	3	23	12	7	<3	1	<2	<2	<0.2	2	11	14	<5	728
5007241	Rock	1.8	0.05	14.4	131	6	30	10	131	<3	2	<2	<2	<0.2	1	11	25	<5	658
5007242	Rock	1.7	0.02	2.5	28	<2	11	<5	22	<3	2	<2	<2	<0.2	1	11	18	<5	832
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

198 Samples

Ship#

178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5000074	1	63	<2	1	<1	<1	<0.01	0.05	0.01	0.50	<0.01	0.01	<0.01	<0.01
5000075	7	53	<2	2	<1	<1	0.01	0.18	0.02	0.52	0.01	0.06	0.01	<0.01
5000076	142	842	10	336	27	15	0.42	7.76%	3.22	3.86	1.72	0.98	3.10	0.06
5000077	3	72	<2	2	<1	<1	<0.01	0.13	0.01	0.74	0.01	0.02	0.01	<0.01
5000078	5	85	<2	2	<1	<1	<0.01	0.18	0.02	0.51	0.01	0.04	0.01	<0.01
5000079	9	104	<2	3	<1	2	0.01	0.25	0.03	0.67	0.02	0.07	0.01	<0.01
5000080	5	64	<2	2	<1	<1	<0.01	0.20	0.05	0.40	0.02	0.07	0.01	<0.01
5000081	2	130	<2	3	<1	<1	<0.01	0.08	0.07	0.99	0.02	0.01	0.01	<0.01
5000082	2	61	<2	2	<1	<1	<0.01	0.08	0.03	0.57	0.01	0.01	0.01	<0.01
5000083	2	115	<2	4	<1	1	<0.01	0.10	0.09	0.56	0.04	0.02	0.01	<0.01
5000084	2	50	<2	1	<1	<1	<0.01	0.08	0.01	0.43	0.01	0.01	0.01	<0.01
5000085	2	73	<2	1	<1	<1	<0.01	0.07	0.02	0.49	0.01	0.01	0.01	<0.01
5000086	2	44	<2	1	<1	<1	<0.01	0.07	0.01	0.43	<0.01	0.01	0.01	<0.01
5000087	1	56	<2	<1	<1	<1	<0.01	0.07	0.01	0.49	0.01	0.01	0.01	<0.01
5000088	2	60	<2	1	<1	<1	<0.01	0.07	0.01	0.56	0.02	0.01	0.01	<0.01
5000089	2	64	<2	2	<1	<1	<0.01	0.08	0.05	0.46	0.05	0.02	<0.01	<0.01
5000090	104	1211	9	358	9	7	0.16	6.41%	2.99	7.98%	1.18	2.30	1.20	0.07
5000091	4	54	<2	1	<1	<1	0.01	0.12	0.01	0.64	0.01	0.03	0.01	0.01
5000092	3	196	<2	1	<1	2	<0.01	0.06	0.01	0.62	0.01	0.01	<0.01	<0.01
5000093	1	50	<2	<1	<1	<1	<0.01	0.07	0.01	0.44	0.01	0.01	<0.01	<0.01
5000094	1	58	<2	<1	<1	<1	<0.01	0.06	0.01	0.42	<0.01	0.01	<0.01	<0.01
5000095	4	81	<2	3	<1	1	<0.01	0.13	0.06	0.69	0.03	0.03	0.01	<0.01
5000096	146	871	12	347	26	16	0.41	7.46%	3.11	3.77	1.56	0.87	2.78	0.06
5000097	1	42	<2	<1	<1	<1	<0.01	0.05	0.01	0.39	<0.01	0.01	0.01	<0.01
5000098	3	43	<2	<1	<1	<1	<0.01	0.10	0.01	0.40	<0.01	0.03	<0.01	<0.01
5000099	<1	45	<2	<1	<1	<1	<0.01	0.06	<0.01	0.37	<0.01	0.01	<0.01	<0.01
5000100	2	47	<2	1	<1	<1	<0.01	0.09	0.01	0.51	0.01	0.02	<0.01	<0.01
5007231	2	45	<2	<1	<1	<1	<0.01	0.06	<0.01	0.42	<0.01	0.01	<0.01	<0.01
5007232	<1	44	<2	<1	<1	<1	<0.01	0.04	<0.01	0.37	<0.01	0.01	<0.01	<0.01
5007233	2	130	<2	1	<1	1	<0.01	0.06	0.01	0.41	<0.01	0.01	<0.01	<0.01
5007234	8	43	<2	1	<1	<1	0.01	0.23	0.01	0.44	0.01	0.06	0.01	<0.01
5007235	<1	55	<2	<1	<1	<1	<0.01	0.08	0.01	0.37	<0.01	0.01	<0.01	<0.01
5007236	145	864	11	344	29	16	0.39	7.28%	2.99	3.68	1.47	0.82	2.61	0.06
5007237	1	83	<2	2	<1	<1	<0.01	0.08	0.06	0.50	0.03	0.01	0.01	<0.01
5007238	2	70	<2	1	<1	<1	<0.01	0.07	0.06	0.45	0.01	0.01	<0.01	<0.01
5007239	3	44	<2	<1	<1	<1	<0.01	0.08	0.01	0.51	<0.01	0.02	<0.01	<0.01
5007240	2	96	<2	1	<1	<1	<0.01	0.07	0.01	0.70	<0.01	0.02	<0.01	<0.01
5007241	3	62	<2	1	<1	<1	0.01	0.13	0.01	0.58	0.01	0.04	<0.01	<0.01
5007242	2	68	<2	1	<1	<1	<0.01	0.09	0.03	0.59	0.01	0.03	<0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship#

198 Samples 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5007243	Rock	1.7	0.89	170.1	727	4	117	130	797	<3	1	<2	<2	0.8	2	12	100	<5	865
5007244	Rock	1.8	0.09	3.5	80	4	32	8	30	<3	2	<2	<2	<0.2	1	11	24	<5	303
5007245	Rock	1.7	0.09	6.3	103	4	30	20	60	<3	<1	<2	<2	<0.2	2	7	42	<5	547
5007246	Rock	1.9	0.08	11.8	87	3	28	19	77	<3	2	<2	<2	<0.2	1	10	26	<5	373
5007247	Rock	1.8	0.04	<0.5	19	3	192	9	9	<3	2	<2	<2	<0.2	1	7	24	<5	562
5007248	Rock	1.9	0.03	16.3	175	5	75	16	116	<3	2	<2	<2	<0.2	1	10	32	<5	505
5007249	Rock	2.1	0.02	28.3	282	5	80	12	199	<3	<1	<2	<2	<0.2	2	7	31	<5	445
5007250	Pulp	—	0.75	<0.5	7428	15	150	26	31	<3	11	<2	<2	<0.2	13	20	757	<5	50
5007251	Rock	2.3	0.03	23.5	307	5	200	19	200	<3	2	<2	<2	0.5	1	11	531	<5	374
5007252	Rock	1.8	0.04	21.9	112	2	61	22	143	<3	1	<2	<2	<0.2	1	8	34	<5	415
5007253	Rock	2.2	0.05	27.4	339	3	199	23	221	<3	3	<2	<2	0.6	<1	11	25	<5	344
5007254	Rock	1.9	0.07	255.1	3158	5	653	132	1324	<3	1	<2	<2	5.4	2	6	39	7	553
5007255	Rock	2.2	0.04	14.0	149	12	228	22	102	<3	2	<2	<2	0.5	1	10	53	<5	416
5007256	Pulp	—	<0.01	<0.5	26	<2	67	6	<5	<3	6	<2	<2	<0.2	19	30	594	10	75
5007257	Rock	1.9	0.03	58.1	522	3	171	30	454	<3	1	<2	<2	0.7	1	7	41	<5	556
5007258	Rock	2.0	0.98	40.9	283	4	188	34	215	<3	2	<2	<2	0.5	1	11	91	<5	488
5007259	Rock	1.8	0.29	15.9	144	5	44	37	65	<3	2	<2	<2	<0.2	1	8	68	<5	513
5007260	Rock	1.5	0.73	7.2	142	6	135	131	74	<3	3	<2	<2	<0.2	3	14	123	<5	497
5007261	Rock	1.9	1.73	<0.5	31	3	53	20	12	<3	2	<2	<2	<0.2	1	8	32	<5	572
5007262	Rock	1.6	8.56	19.3	427	4	110	47	227	<3	3	<2	<2	<0.2	2	12	42	<5	505
5007263	Rock	2.1	0.06	16.5	183	<2	44	33	67	<3	1	<2	<2	<0.2	2	7	34	<5	583
5007264	Rock	1.9	0.09	18.7	193	4	98	48	84	<3	2	<2	<2	<0.2	2	10	75	<5	454
5007265	Rock	2.3	0.05	0.7	48	5	57	22	12	<3	2	<2	<2	<0.2	2	7	98	<5	552
5007266	Rock	1.6	0.09	9.5	92	2	23	21	32	<3	2	<2	<2	<0.2	2	11	30	<5	351
5007267	Rock	1.9	0.04	4.9	129	<2	21	11	30	<3	2	<2	<2	<0.2	2	11	30	<5	518
5007268	Rock	1.7	0.04	0.8	38	<2	12	15	16	<3	2	<2	<2	<0.2	1	11	63	<5	482
5007269	Rock	1.8	0.04	<0.5	12	5	12	16	6	<3	2	<2	<2	<0.2	2	8	41	<5	545
5007270	Pulp	—	0.78	<0.5	8031	15	146	27	28	<3	12	<2	<2	<0.2	13	20	755	<5	50
5007271	Rock	1.7	0.02	<0.5	19	5	16	27	6	<3	3	<2	<2	<0.2	1	15	30	<5	307
5007272	Rock	1.7	0.05	82.0	192	<2	39	33	274	<3	2	<2	<2	<0.2	2	8	60	<5	628
5007273	Rock	1.4	0.09	157.8	834	4	107	37	964	<3	3	<2	<2	0.4	2	11	42	<5	513
5007274	Rock	1.7	0.01	18.7	160	3	28	15	119	<3	<1	<2	<2	<0.2	2	7	37	<5	392
5007275	Rock	1.8	0.06	183.5	847	3	114	41	962	<3	2	<2	<2	0.4	2	11	43	<5	387
5007276	Pulp	—	<0.01	<0.5	79	<2	71	7	19	<3	6	<2	<2	<0.2	19	31	630	12	87
5007277	Rock	1.7	0.01	<0.5	17	4	12	15	7	<3	<1	<2	<2	<0.2	1	8	37	<5	326
5007278	Rock	1.8	0.03	1.7	26	3	49	11	14	<3	2	<2	<2	<0.2	1	11	22	<5	358
5007279	Rock	1.9	0.07	<0.5	16	3	92	22	11	<3	<1	<2	<2	<0.2	1	6	49	<5	556
5007280	Rock	1.6	0.03	2.2	35	5	15	13	22	<3	2	<2	<2	<0.2	1	11	35	<5	509
5007281	Rock	1.9	0.43	2.1	49	4	184	21	18	<3	1	<2	<2	<0.2	1	7	57	<5	372
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

198 Samples

Ship# 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007243	14	69	<2	3	<1	<1	0.02	0.55	0.03	0.85	0.02	0.19	0.01	0.01
5007244	3	160	<2	4	<1	3	<0.01	0.11	0.06	0.56	0.02	0.03	0.01	<0.01
5007245	7	84	<2	3	<1	1	0.01	0.22	0.05	0.60	0.03	0.07	0.01	0.01
5007246	4	66	<2	1	<1	<1	<0.01	0.13	0.02	0.53	0.01	0.04	<0.01	0.01
5007247	3	63	<2	2	<1	<1	<0.01	0.13	0.02	0.58	0.01	0.03	0.01	<0.01
5007248	5	69	<2	2	<1	<1	0.01	0.15	0.03	0.49	0.01	0.04	0.01	0.01
5007249	6	55	<2	1	<1	<1	<0.01	0.16	0.02	0.55	0.01	0.05	0.01	0.01
5007250	107	1204	8	369	11	7	0.17	6.36%	2.98	7.94%	1.16	2.25	1.18	0.07
5007251	9	65	<2	5	<1	<1	0.01	0.19	0.02	0.52	0.02	0.07	0.01	<0.01
5007252	6	62	<2	2	<1	<1	0.01	0.14	0.01	0.70	0.01	0.04	0.01	0.01
5007253	4	106	<2	1	<1	1	<0.01	0.09	0.02	0.51	0.01	0.02	0.01	<0.01
5007254	5	42	<2	1	<1	<1	<0.01	0.19	0.01	0.62	0.01	0.06	0.01	<0.01
5007255	8	81	<2	2	<1	<1	0.01	0.24	0.01	0.54	0.01	0.06	0.01	<0.01
5007256	145	863	11	346	27	16	0.45	8.01%	3.42	4.05	1.77	1.03	3.14	0.06
5007257	7	80	<2	5	<1	1	<0.01	0.18	0.09	0.65	0.04	0.05	0.01	0.01
5007258	8	58	<2	2	<1	<1	0.01	0.28	0.03	0.60	0.01	0.08	0.01	0.01
5007259	10	61	<2	2	<1	<1	0.01	0.30	0.01	0.77	0.01	0.08	0.01	<0.01
5007260	28	83	<2	4	<1	2	0.02	0.67	0.03	1.32	0.03	0.20	0.01	<0.01
5007261	5	105	<2	2	<1	<1	<0.01	0.13	0.03	0.61	0.01	0.03	<0.01	<0.01
5007262	7	178	<2	5	<1	3	0.01	0.19	0.09	0.74	0.04	0.04	0.01	<0.01
5007263	4	155	<2	8	<1	<1	<0.01	0.15	1.46	0.65	0.79	0.04	<0.01	<0.01
5007264	11	212	<2	15	<1	2	<0.01	0.34	1.99	0.68	1.15	0.10	0.01	<0.01
5007265	7	128	<2	6	<1	<1	<0.01	0.45	0.58	0.68	0.30	0.15	0.01	<0.01
5007266	3	54	<2	1	<1	<1	<0.01	0.12	0.02	0.60	0.01	0.03	<0.01	<0.01
5007267	3	115	<2	3	<1	<1	<0.01	0.14	0.15	0.97	0.07	0.04	0.01	0.01
5007268	6	60	<2	3	<1	<1	<0.01	0.28	0.06	0.51	0.02	0.09	0.01	0.01
5007269	5	77	<2	3	<1	<1	<0.01	0.18	0.10	0.60	0.05	0.05	0.01	<0.01
5007270	106	1257	7	362	10	7	0.17	6.70%	3.13	8.27%	1.28	2.48	1.31	0.07
5007271	3	203	<2	12	<1	1	<0.01	0.10	1.15	0.58	0.63	0.02	0.01	<0.01
5007272	12	55	<2	2	<1	<1	0.01	0.26	0.02	0.74	0.01	0.08	0.01	<0.01
5007273	5	95	<2	1	<1	<1	<0.01	0.13	0.02	0.63	0.01	0.03	0.01	<0.01
5007274	6	58	<2	1	<1	<1	<0.01	0.15	0.01	0.56	0.01	0.04	0.01	<0.01
5007275	5	95	<2	1	<1	<1	<0.01	0.13	0.01	0.63	0.01	0.03	0.01	<0.01
5007276	148	892	11	354	29	17	0.43	7.72%	3.26	3.93	1.62	0.95	2.87	0.06
5007277	6	92	<2	2	<1	<1	<0.01	0.15	0.06	0.67	0.03	0.04	0.01	<0.01
5007278	4	75	<2	2	<1	<1	<0.01	0.09	0.06	0.57	0.02	0.02	<0.01	0.01
5007279	10	48	<2	1	<1	<1	0.01	0.18	0.01	0.60	0.01	0.06	0.01	<0.01
5007280	4	54	<2	1	<1	<1	<0.01	0.12	0.01	0.48	<0.01	0.03	0.01	<0.01
5007281	5	76	<2	3	<1	<1	<0.01	0.17	0.09	0.61	0.04	0.04	0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Project: 02 Table Mountain Ship#

198 Samples 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5007282	Rock	1.7	0.32	7.1	139	4	427	29	30	<3	2	<2	<2	1.2	2	10	49	<5	402
5007283	Rock	2.0	0.03	<0.5	11	3	19	11	7	<3	1	<2	<2	<0.2	2	8	32	<5	408
5007284	Rock	1.7	0.19	4.5	52	4	43	23	9	<3	2	<2	<2	<0.2	2	12	42	<5	358
5007285	Rock	1.8	0.04	<0.5	15	3	16	18	5	<3	1	<2	<2	<0.2	2	8	43	<5	403
5007286	Rock	2.5	0.04	0.6	23	2	11	46	8	<3	2	<2	<2	<0.2	3	12	75	<5	370
5007287	Rock	1.7	0.06	<0.5	9	4	11	<5	<5	<3	2	<2	<2	<0.2	2	8	17	<5	398
5007288	Rock	2.2	0.01	<0.5	5	4	7	<5	<5	<3	2	<2	<2	<0.2	1	10	14	<5	338
5007289	Rock	2.7	0.01	<0.5	5	5	13	<5	<5	<3	1	<2	<2	<0.2	1	6	29	<5	521
5007290	Pulp	—	0.80	<0.5	7854	17	148	27	26	<3	12	<2	<2	<0.2	12	20	783	<5	51
5007291	Rock	1.7	0.01	<0.5	8	4	42	9	<5	<3	2	<2	<2	<0.2	1	11	27	<5	320
5007292	Rock	1.9	0.02	5.1	177	6	76	10	21	<3	1	<2	<2	<0.2	1	7	29	<5	378
5007293	Rock	2.2	0.08	7.1	129	5	46	34	23	<3	2	<2	<2	<0.2	3	10	69	<5	414
5007294	Rock	2.1	0.04	6.6	110	6	65	40	30	<3	2	<2	<2	<0.2	3	8	57	<5	552
5007295	Rock	2.3	0.03	35.1	322	4	57	29	147	<3	1	<2	<2	<0.2	3	11	51	<5	653
5007296	Pulp	—	<0.01	<0.5	22	<2	66	6	<5	<3	7	<2	<2	<0.2	19	30	583	10	75
5007297	Rock	1.7	0.02	21.7	211	3	56	14	107	<3	1	<2	<2	<0.2	2	7	34	<5	566
5007298	Rock	2.4	0.03	0.5	40	5	25	18	10	<3	1	<2	<2	<0.2	2	10	36	<5	583
5007299	Rock	2.4	0.06	141.1	1812	5	613	32	729	<3	2	<2	<2	3.3	2	9	48	7	449
5007300	Rock	2.4	0.09	27.2	252	5	68	36	78	<3	1	<2	<2	<0.2	2	10	65	<5	508
5007301	Rock	2.3	0.31	19.3	158	2	101	89	68	<3	2	<2	<2	<0.2	3	12	68	<5	688
5007302	Rock	1.7	0.06	3.3	81	4	54	29	22	<3	1	<2	<2	<0.2	2	9	47	<5	449
5007303	Rock	1.9	0.03	<0.5	41	<2	37	23	12	<3	2	<2	<2	<0.2	3	10	46	<5	459
5007304	Rock	1.7	0.02	<0.5	20	4	27	25	7	<3	1	<2	<2	<0.2	2	9	30	<5	481
5007305	Rock	2.0	0.05	2.0	36	5	36	22	18	<3	<1	<2	<2	<0.2	2	10	49	<5	605
5007306	Rock	1.9	0.02	<0.5	23	<2	34	12	6	<3	2	<2	<2	<0.2	2	9	24	<5	537
5007307	Rock	1.4	0.02	<0.5	33	<2	79	40	<5	<3	3	<2	<2	<0.2	27	29	222	<5	428
5007308	Rock	1.6	0.02	<0.5	27	<2	32	20	6	<3	2	<2	<2	<0.2	8	11	35	<5	470
5007309	Rock	1.7	0.02	22.0	383	4	95	31	219	<3	2	<2	<2	0.3	1	8	29	<5	441
5007310	Pulp	—	0.77	<0.5	7870	15	143	26	28	<3	12	<2	<2	<0.2	12	19	704	<5	49
5007311	Rock	1.8	0.01	35.9	695	3	617	28	387	<3	2	<2	<2	3.1	2	11	21	7	647
5007312	Rock	1.8	0.02	22.4	382	3	60	22	207	<3	1	<2	<2	<0.2	1	7	21	<5	538
5007313	Rock	1.7	0.03	11.6	167	4	40	17	83	<3	2	<2	<2	<0.2	2	9	32	<5	535
5007314	Rock	1.7	1.00	4.1	44	4	16	27	15	<3	2	<2	<2	<0.2	2	7	31	<5	414
5007315	Rock	1.8	0.02	11.0	127	4	31	16	37	<3	<1	<2	<2	<0.2	2	9	19	<5	417
5007316	Pulp	—	<0.01	<0.5	23	<2	67	<5	<5	<3	7	<2	<2	<0.2	19	30	576	13	73
5007317	Rock	2.6	0.02	40.4	309	3	52	14	66	<3	2	<2	<2	<0.2	2	8	25	<5	535
5007318	Rock	2.9	0.01	31.9	352	6	94	25	179	<3	1	<2	<2	<0.2	2	10	23	<5	663
5007319	Rock	1.9	0.04	7.1	131	5	44	22	63	<3	2	<2	<2	<0.2	2	9	41	<5	574
5007320	Rock	1.9	0.05	<0.5	36	7	24	17	12	<3	1	<2	<2	<0.2	2	11	47	<5	576
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

198 Samples

Ship#

178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007282	6	100	<2	3	<1	<1	<0.01	0.19	0.11	0.59	0.05	0.04	0.01	0.01
5007283	4	96	<2	3	<1	<1	<0.01	0.11	0.05	0.64	0.01	0.03	0.01	0.01
5007284	5	162	<2	3	<1	1	<0.01	0.15	0.06	0.74	0.03	0.04	0.01	0.01
5007285	6	120	<2	2	<1	<1	<0.01	0.18	0.02	0.64	0.01	0.06	0.01	<0.01
5007286	9	145	<2	3	<1	1	0.01	0.29	0.07	0.76	0.04	0.10	0.01	0.01
5007287	2	102	<2	2	<1	<1	<0.01	0.06	0.03	0.65	0.01	0.01	<0.01	<0.01
5007288	1	103	<2	2	<1	<1	<0.01	0.04	0.07	0.42	0.03	0.01	<0.01	<0.01
5007289	4	59	<2	2	<1	<1	<0.01	0.10	0.01	0.51	<0.01	0.02	<0.01	<0.01
5007290	108	1244	9	373	10	8	0.16	6.56%	3.07	8.17%	1.22	2.39	1.25	0.07
5007291	3	98	<2	2	<1	<1	<0.01	0.09	0.03	0.59	0.01	0.02	<0.01	<0.01
5007292	4	57	<2	1	<1	<1	<0.01	0.12	0.01	0.49	<0.01	0.03	0.01	<0.01
5007293	15	123	<2	3	<1	2	0.01	0.33	0.02	0.83	0.01	0.09	0.01	<0.01
5007294	8	166	<2	3	<1	<1	0.01	0.23	0.02	0.84	0.01	0.06	0.01	0.01
5007295	10	75	<2	2	<1	<1	0.01	0.21	0.01	0.88	0.01	0.07	0.01	<0.01
5007296	142	847	10	340	27	16	0.40	7.36%	3.05	3.71	1.51	0.88	2.70	0.06
5007297	4	80	<2	2	<1	<1	<0.01	0.12	0.04	0.56	0.01	0.03	0.01	<0.01
5007298	6	104	<2	2	<1	1	0.01	0.14	0.03	0.70	0.01	0.04	0.01	0.01
5007299	7	119	<2	2	<1	1	0.01	0.18	0.02	0.83	0.01	0.04	0.01	<0.01
5007300	13	71	<2	3	<1	1	0.02	0.26	0.03	0.91	0.01	0.08	0.01	0.01
5007301	18	107	<2	2	<1	1	0.01	0.30	0.02	1.39	0.01	0.10	0.01	<0.01
5007302	11	90	<2	2	<1	1	0.01	0.20	0.01	0.73	0.01	0.06	0.01	0.01
5007303	8	118	<2	3	<1	1	0.01	0.18	0.03	0.77	0.01	0.04	0.01	0.01
5007304	5	115	<2	2	<1	<1	<0.01	0.11	0.04	0.70	0.01	0.02	0.01	0.01
5007305	8	105	<2	2	<1	<1	0.01	0.20	0.02	0.71	0.01	0.05	0.01	<0.01
5007306	4	107	<2	3	<1	<1	<0.01	0.10	0.06	0.74	0.02	0.02	0.01	0.01
5007307	186	882	<2	14	6	17	0.43	3.14	0.54	4.86	0.68	0.41	0.22	0.03
5007308	49	255	<2	12	1	6	0.12	0.89	0.91	1.57	0.44	0.04	0.21	0.01
5007309	7	77	<2	2	<1	<1	0.01	0.12	0.03	0.59	0.01	0.03	0.01	<0.01
5007310	100	1259	8	348	9	7	0.17	6.62%	3.11	8.30%	1.20	2.38	1.22	0.07
5007311	3	65	<2	2	<1	<1	<0.01	0.09	0.01	0.67	<0.01	0.02	<0.01	<0.01
5007312	3	51	<2	1	<1	<1	<0.01	0.09	0.01	0.54	0.01	0.02	<0.01	<0.01
5007313	5	57	<2	2	<1	<1	<0.01	0.12	0.02	0.58	0.01	0.03	0.01	<0.01
5007314	7	47	<2	2	<1	<1	0.01	0.16	0.01	0.58	0.01	0.04	0.01	<0.01
5007315	3	60	<2	2	<1	<1	<0.01	0.10	0.01	0.61	0.01	0.02	0.01	<0.01
5007316	140	848	10	340	27	16	0.41	7.58%	3.15	3.87	1.51	0.87	2.66	0.06
5007317	4	51	<2	1	<1	<1	<0.01	0.11	0.01	0.63	<0.01	0.03	0.01	<0.01
5007318	4	63	<2	1	<1	<1	<0.01	0.10	0.01	0.65	0.01	0.03	0.01	<0.01
5007319	7	177	<2	4	<1	1	0.01	0.17	0.18	0.79	0.09	0.05	0.01	<0.01
5007320	6	146	<2	3	<1	<1	<0.01	0.16	0.08	0.78	0.03	0.04	0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship#

198 Samples

178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [4271171426801027080003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5007321	Rock	1.9	0.01	35.7	398	3	95	12	129	<3	1	<2	<2	<0.2	2	7	32	<5	396
5007322	Rock	2.2	0.01	6.7	98	3	36	<5	26	<3	<1	<2	<2	<0.2	1	9	34	<5	365
5007323	Rock	2.0	0.01	5.4	72	3	106	13	23	<3	1	<2	<2	<0.2	2	8	30	<5	367
5007324	Rock	2.1	0.02	7.2	93	<2	83	29	29	<3	1	<2	<2	<0.2	3	11	54	<5	426
5007325	Rock	1.8	0.02	<0.5	30	<2	34	17	11	<3	2	<2	<2	<0.2	2	10	34	<5	522
5007326	Rock	2.0	0.01	<0.5	15	<2	10	5	6	<3	1	<2	<2	<0.2	2	13	32	<5	556
5007327	Rock	1.5	0.06	1.7	23	4	14	13	8	<3	1	<2	<2	<0.2	1	8	38	<5	384
5007328	Rock	1.8	0.02	4.1	56	3	22	19	19	<3	1	<2	<2	<0.2	1	8	39	<5	476
5007329	Rock	1.8	0.01	<0.5	13	3	7	<5	<5	<3	1	<2	<2	<0.2	2	10	21	<5	289
5007330	Pulp	—	0.79	<0.5	7443	16	142	26	26	<3	11	<2	<2	<0.2	12	19	693	<5	46
5007331	Rock	2.2	0.02	<0.5	14	<2	11	6	5	<3	<1	<2	<2	<0.2	2	9	36	<5	412
5007332	Rock	1.9	0.09	1.2	49	<2	20	7	6	<3	1	<2	<2	<0.2	2	9	26	<5	433
5007333	Rock	1.9	0.09	1.5	54	<2	17	9	<5	<3	2	<2	<2	<0.2	2	9	26	<5	391
5007334	Rock	1.5	0.07	2.6	36	4	15	13	15	<3	<1	<2	<2	<0.2	2	7	29	<5	337
5007335	Rock	1.5	0.02	<0.5	9	3	5	14	<5	<3	1	<2	<2	<0.2	2	10	33	<5	382
5007336	Pulp	—	<0.01	<0.5	25	17	73	<5	<5	<3	6	<2	<2	<0.2	19	29	589	11	76
5007337	Rock	1.9	0.06	<0.5	13	4	17	14	<5	<3	2	<2	<2	<0.2	2	9	40	<5	476
5007338	Rock	1.6	0.08	<0.5	9	2	8	36	5	<3	1	<2	<2	<0.2	2	8	61	<5	548
5007339	Rock	1.4	0.02	<0.5	17	4	16	18	10	<3	<1	<2	<2	<0.2	2	9	34	<5	561
5007340	Rock	1.5	0.09	<0.5	8	3	6	19	10	<3	2	<2	<2	<0.2	2	9	71	<5	678
5007341	Rock	1.7	0.02	<0.5	9	4	5	10	7	<3	1	<2	<2	<0.2	1	9	31	<5	552
5007342	Rock	1.7	0.01	<0.5	8	<2	12	7	6	<3	2	<2	<2	<0.2	2	7	22	<5	576
5007343	Rock	1.9	0.02	<0.5	13	3	22	23	6	<3	1	<2	<2	<0.2	2	9	41	<5	548
5007344	Rock	1.8	0.03	<0.5	8	4	12	22	6	<3	<1	<2	<2	<0.2	2	7	46	<5	496
5007345	Rock	1.7	0.03	<0.5	13	<2	10	20	9	<3	<1	<2	<2	<0.2	2	8	64	<5	433
5007346	Rock	1.6	0.09	<0.5	15	3	12	38	6	<3	1	<2	<2	<0.2	2	8	49	<5	367
5007347	Rock	1.9	0.05	<0.5	12	4	9	25	<5	<3	1	<2	<2	<0.2	2	9	43	<5	345
5007348	Rock	2.3	0.03	<0.5	8	3	14	32	<5	<3	2	<2	<2	<0.2	2	8	78	<5	354
5007349	Rock	1.8	0.02	2.3	33	3	8	7	8	<3	<1	<2	<2	<0.2	2	9	25	<5	330
5007350	Pulp	—	0.80	<0.5	7104	16	142	25	24	<3	12	<2	<2	<0.2	12	19	715	<5	48
5007351	Rock	1.7	0.03	<0.5	13	3	6	12	<5	<3	2	<2	<2	<0.2	2	8	28	<5	387
5007352	Rock	1.9	0.09	<0.5	9	3	3	6	6	<3	<1	<2	<2	<0.2	1	9	38	<5	545
5007353	Rock	2.3	0.05	<0.5	10	4	5	11	6	<3	2	<2	<2	<0.2	1	7	32	<5	482
5007354	Rock	1.8	0.03	<0.5	10	2	5	13	<5	<3	2	<2	<2	<0.2	2	8	36	<5	453
5007355	Rock	1.8	0.02	<0.5	6	4	3	16	<5	<3	2	<2	<2	<0.2	2	7	43	<5	526
5007356	Pulp	—	<0.01	<0.5	26	<2	66	6	<5	<3	6	<2	<2	<0.2	18	30	597	12	80
5007357	Rock	1.7	0.01	<0.5	21	3	4	14	<5	<3	1	<2	<2	<0.2	2	9	33	<5	529
5007358	Rock	1.6	0.02	<0.5	11	3	4	<5	<5	<3	2	<2	<2	<0.2	2	8	22	<5	365
5007359	Rock	1.5	0.01	<0.5	12	4	4	12	<5	<3	1	<2	<2	<0.2	2	9	24	<5	579
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Project: 02 Table Mountain

198 Samples

Ship# 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007321	3	92	<2	2	<1	<1	<0.01	0.13	0.06	0.54	0.03	0.03	0.01	<0.01
5007322	3	102	<2	2	<1	<1	<0.01	0.11	0.04	0.49	0.02	0.02	0.01	<0.01
5007323	3	125	<2	2	<1	<1	<0.01	0.09	0.03	0.56	0.01	0.01	0.01	<0.01
5007324	6	205	<2	4	<1	1	0.01	0.29	0.20	0.98	0.10	0.08	0.01	0.01
5007325	5	241	<2	2	<1	1	<0.01	0.13	0.08	0.80	0.04	0.03	0.01	<0.01
5007326	5	137	<2	2	<1	<1	<0.01	0.11	0.03	0.74	0.01	0.03	0.01	<0.01
5007327	6	172	<2	2	<1	<1	0.01	0.15	0.02	0.65	0.01	0.04	0.01	<0.01
5007328	8	106	<2	2	<1	<1	0.01	0.16	0.03	0.65	0.01	0.05	0.01	<0.01
5007329	3	78	<2	2	<1	<1	<0.01	0.07	0.02	0.53	0.01	0.02	0.01	<0.01
5007330	100	1189	9	343	9	7	0.16	6.26%	2.94	7.85%	1.12	2.24	1.15	0.06
5007331	4	125	<2	2	<1	<1	<0.01	0.12	0.05	0.65	0.02	0.03	0.01	<0.01
5007332	4	118	<2	1	<1	<1	<0.01	0.10	0.02	0.82	0.01	0.02	0.01	<0.01
5007333	4	83	<2	2	<1	<1	<0.01	0.11	0.03	0.71	0.01	0.03	0.01	<0.01
5007334	4	62	<2	2	<1	<1	<0.01	0.12	0.02	0.53	0.01	0.03	0.01	<0.01
5007335	5	59	<2	2	<1	<1	<0.01	0.15	0.02	0.62	0.01	0.04	0.01	<0.01
5007336	142	841	12	339	26	16	0.37	6.92%	2.86	3.57	1.31	0.76	2.32	0.06
5007337	6	54	<2	2	<1	<1	0.01	0.18	0.01	0.61	0.01	0.05	0.01	<0.01
5007338	8	58	<2	2	<1	<1	0.01	0.27	0.02	0.74	0.02	0.08	0.01	<0.01
5007339	4	78	<2	1	<1	<1	<0.01	0.14	0.01	0.66	<0.01	0.04	0.01	<0.01
5007340	5	79	<2	2	<1	<1	0.01	0.20	0.01	0.70	0.01	0.05	0.01	<0.01
5007341	4	50	<2	1	<1	<1	<0.01	0.15	0.01	0.52	<0.01	0.03	0.01	<0.01
5007342	2	46	<2	1	<1	<1	<0.01	0.11	0.01	0.49	<0.01	0.02	0.01	<0.01
5007343	7	52	<2	1	<1	<1	0.01	0.21	0.01	0.68	0.01	0.06	0.01	<0.01
5007344	7	54	<2	2	<1	<1	0.01	0.23	0.03	0.69	0.02	0.05	0.02	<0.01
5007345	7	54	<2	2	<1	<1	0.01	0.28	0.01	0.61	0.01	0.07	0.01	<0.01
5007346	6	49	<2	2	<1	<1	<0.01	0.24	0.01	0.77	0.01	0.06	0.01	<0.01
5007347	6	70	<2	1	<1	<1	<0.01	0.27	0.01	0.73	0.01	0.04	0.01	<0.01
5007348	10	56	<2	2	<1	<1	0.01	0.39	0.01	0.76	0.01	0.10	0.02	<0.01
5007349	3	59	<2	1	<1	<1	<0.01	0.12	0.01	0.63	<0.01	0.02	0.01	<0.01
5007350	102	1166	10	354	9	7	0.16	6.08%	2.85	7.73%	1.06	2.11	1.09	0.07
5007351	4	70	<2	1	<1	<1	<0.01	0.13	0.01	0.74	<0.01	0.03	0.01	<0.01
5007352	5	55	<2	<1	<1	<1	0.01	0.19	0.01	0.57	<0.01	0.05	0.01	<0.01
5007353	5	47	<2	1	<1	<1	<0.01	0.15	0.01	0.51	<0.01	0.04	0.01	<0.01
5007354	5	64	<2	1	<1	<1	0.01	0.16	0.01	0.62	<0.01	0.05	0.01	<0.01
5007355	8	43	<2	2	<1	<1	0.01	0.19	0.01	0.58	<0.01	0.06	0.01	0.01
5007356	143	856	12	348	29	16	0.39	7.21%	2.99	3.65	1.46	0.85	2.61	0.06
5007357	7	65	<2	1	<1	<1	0.01	0.16	0.01	0.64	0.01	0.05	0.01	<0.01
5007358	2	83	<2	2	<1	<1	<0.01	0.09	0.03	0.64	<0.01	0.03	0.01	0.01
5007359	3	66	<2	1	<1	<1	<0.01	0.09	0.01	0.56	<0.01	0.02	0.01	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship#

198 Samples

178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5007360	Rock	1.8	0.01	0.5	22	<2	35	<5	11	<3	1	<2	<2	<0.2	2	7	23	<5	395
5007361	Rock	1.7	0.08	<0.5	12	3	11	<5	5	<3	<1	<2	<2	<0.2	2	10	25	<5	621
5007362	Rock	2.0	0.01	7.1	78	2	17	9	27	<3	1	<2	<2	<0.2	2	8	29	<5	432
RE 5000035	Repeat	—	0.01	<0.5	23	5	8	<5	<5	<3	<1	<2	<2	<0.2	2	8	21	<5	304
RE 5000054	Repeat	—	0.01	0.6	33	<2	22	14	9	<3	3	<2	<2	<0.2	2	12	36	<5	419
RE 5000074	Repeat	—	0.01	6.9	81	4	50	<5	24	<3	1	<2	<2	<0.2	1	7	14	<5	407
RE 5000093	Repeat	—	0.01	5.2	69	6	1312	<5	19	<3	2	<2	<2	5.3	<1	11	16	15	399
RE 5007243	Repeat	—	0.87	165.3	729	4	116	129	825	<3	2	<2	<2	0.8	2	12	101	<5	867
RE 5007262	Repeat	—	8.48	20.2	430	4	110	46	227	<3	2	<2	<2	<0.2	2	12	46	<5	510
RE 5007282	Repeat	—	0.29	6.8	139	4	426	29	31	<3	2	<2	<2	1.3	2	11	50	<5	391
RE 5007301	Repeat	—	0.30	21.0	157	2	100	88	70	<3	2	<2	<2	<0.2	3	11	69	<5	697
RE 5007321	Repeat	—	0.01	42.0	400	3	101	13	130	<3	1	<2	<2	<0.2	2	7	32	<5	403
RE 5007340	Repeat	—	0.09	<0.5	8	3	6	20	10	<3	2	<2	<2	<0.2	2	9	71	<5	667
RE 5007360	Repeat	—	0.01	<0.5	23	<2	36	<5	11	<3	2	<2	<2	<0.2	2	7	24	<5	391
Blank iPL	Blk iPL	—	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.1	0.01	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

198 Samples

Ship# 178=Rock 20=Pulp 11=Repeat 1=Blk iPL 1 [427117142680102708003]

Print: Oct 27, 2008 In: Sep 09, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5007360	4	69	<2	4	3	<1	<0.01	0.10	0.07	0.59	0.01	0.03	0.01	0.03
5007361	4	79	<2	4	<1	<1	<0.01	0.10	0.09	0.57	<0.01	0.03	<0.01	0.04
5007362	4	76	<2	2	<1	<1	<0.01	0.12	0.05	0.56	0.01	0.03	0.01	0.01
RE 5000035	2	57	<2	2	<1	<1	<0.01	0.08	0.03	0.60	0.01	0.02	0.01	0.01
RE 5000054	5	109	<2	3	<1	1	<0.01	0.16	0.19	0.59	0.10	0.04	0.01	<0.01
RE 5000074	1	55	<2	1	<1	<1	<0.01	0.05	0.01	0.49	<0.01	0.01	<0.01	<0.01
RE 5000093	1	49	<2	1	<1	<1	<0.01	0.07	0.01	0.44	0.01	0.01	<0.01	<0.01
RE 5007243	14	70	<2	3	<1	<1	0.02	0.55	0.04	0.85	0.02	0.19	0.01	0.01
RE 5007262	7	180	<2	5	<1	3	0.01	0.19	0.09	0.76	0.04	0.04	0.01	<0.01
RE 5007282	6	99	<2	3	<1	<1	<0.01	0.19	0.11	0.60	0.05	0.04	0.01	0.01
RE 5007301	18	98	<2	2	<1	1	0.01	0.30	0.02	1.37	0.01	0.10	0.01	<0.01
RE 5007321	3	92	<2	2	<1	<1	<0.01	0.13	0.06	0.53	0.03	0.03	0.01	<0.01
RE 5007340	5	79	<2	2	<1	<1	0.01	0.22	0.01	0.69	0.01	0.05	0.01	<0.01
RE 5007360	4	69	<2	4	<1	<1	<0.01	0.10	0.07	0.60	0.01	0.03	0.01	0.03
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

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Hawthorne Gold Corp
Project : 02
Shipper : Phi Van Bui
Shipment: PO#: 08-02-245
Comment:
Re:08I4270

9 Samples Print: Oct 02, 2008 In: Sep 12, 2008 [433517:57:00:80100208:001]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	9	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	1	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: Whole Rock Analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0405	WRock	%	Al203 by Whole Rock	Al203	0.01	100.00
02	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00
03	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
04	0409	WRock	%	Fe203 by Whole Rock	Fe203	0.01	100.00
05	0403	WRock	%	K20 by Whole Rock	K20	0.01	100.00
06	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
07	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
08	0410	WRock	%	Na20 by Whole Rock	Na20	0.01	100.00
09	0411	WRock	%	P205 by Whole Rock	P205	0.01	100.00
10	0401	WRock	%	Si02 by Whole Rock	Si02	0.01	100.00
11	0407	WRock	%	Ti02 by Whole Rock	Ti02	0.01	100.00
12	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
13	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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ID=C1040060712

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Signature: _____

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Client : Hawthorne Gold Corp
Project: 02
Ship# **9 Samples** 9=Pulp 1=Repeat

Print: Oct 02, 2008
[43351437088010020800l] In: Sep 12, 2008

Sample Name	Type	Al2O3 %	BaO %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	Total %
5000000	Pulp	0.69	<0.01	0.14	6.34	<0.01	31.23	0.06	0.43	<0.01	27.96	0.01	34.00	100.86
5000502	Pulp	12.61	<0.01	8.80	15.39	<0.01	6.33	0.23	2.93	0.22	45.93	2.20	6.10	100.74
5000504	Pulp	14.44	0.07	0.73	1.92	6.31	0.50	0.03	3.45	0.21	71.11	0.30	1.62	100.67
5000505	Pulp	13.82	0.30	6.90	7.97	3.21	8.21	0.13	3.55	0.70	52.23	1.05	2.64	100.71
5000506	Pulp	20.04	0.03	0.60	8.24	3.86	2.46	0.06	1.56	0.02	59.33	0.96	3.21	100.37
5000508	Pulp	15.89	0.04	4.90	11.83	<0.01	3.29	0.22	5.13	0.19	53.84	1.22	4.16	100.73
5000509	Pulp	15.29	0.07	3.96	8.84	0.36	2.83	0.25	5.54	0.19	58.07	1.40	4.13	100.91
5000252	Pulp	15.76	0.01	3.32	10.68	<0.01	8.19	0.16	4.24	0.27	49.42	1.67	7.21	100.94
5006003	Pulp	14.38	0.05	7.72	8.08	0.74	7.44	0.13	2.35	0.05	45.88	0.84	13.11	100.77
RE 5000000	Repeat	0.69	<0.01	0.15	6.37	<0.01	30.96	0.06	0.44	<0.01	28.07	0.01	34.23	100.98
Minimum Detection		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	105.00
Method		WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	WRock	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 8I4409

Hawthorne Gold Corp
Project : 02 Table Mountain
Shipper : Andrew Caldwell
Shipment: PO#: 08-02-258
Comment:

28 Samples Print: Oct 27, 2008 In: Sep 17, 2008 Page 1 of 2 [440918:32:48:80102708:002]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	25	Rock	crush, split & pulverize to -150 mesh.	12M/Dis	03M/Dis
B31100	3	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90026	1	Std iPL	Std iPL (Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

Analysis: ICP(Multi-Acid)30 Au(FA/Grav) / Whole Rock Analysis

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0801	Spec	Kg	Weight in Kilogram (1 decimal place)	Wt	0.1	9999.0
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	5000.00
03	0771	ICPM	ppm	Ag ICP(Multi-Acid)	Silver	0.5	500.0
04	0761	ICPM	ppm	Cu ICP(Multi-Acid)	Copper	1	20000
05	0764	ICPM	ppm	Pb ICP(Multi-Acid) Depressed	Lead	2	10000
06	0780	ICPM	ppm	Zn ICP(Multi-Acid)	Zinc	1	10000
07	0753	ICPM	ppm	As ICP(Multi-Acid) Depressed	Arsenic	5	10000
08	0752	ICPM	ppm	Sb ICP(Multi-Acid) Depressed	Antimony	5	2000
09	0782	ICPM	ppm	Hg ICP(Multi-Acid)	Mercury	3	10000
10	0767	ICPM	ppm	Mo ICP(Multi-Acid)	Molydenum	1	1000
11	0797	ICPM	ppm	Tl ICP(Multi-Acid)	Thallium	2	1000
12	0755	ICPM	ppm	Bi ICP(Multi-Acid)	Bismuth	2	2000
13	0757	ICPM	ppm	Cd ICP(Multi-Acid)	Cadmium	0.2	2000.0
14	0760	ICPM	ppm	Co ICP(Multi-Acid)	Cobalt	1	10000
15	0768	ICPM	ppm	Ni ICP(Multi-Acid)	Nickel	1	10000
16	0754	ICPM	ppm	Ba ICP(Multi-Acid)	Barium	2	10000
17	0777	ICPM	ppm	W ICP(Multi-Acid)	Tungsten	5	1000
18	0759	ICPM	ppm	Cr ICP(Multi-Acid)	Chromium	1	10000
19	0779	ICPM	ppm	V ICP(Multi-Acid)	Vanadium	1	10000
20	0766	ICPM	ppm	Mn ICP(Multi-Acid)	Manganese	1	10000
21	0763	ICPM	ppm	La ICP(Multi-Acid)	Lanthanum	2	10000
22	0773	ICPM	ppm	Sr ICP(Multi-Acid)	Strontium	1	10000
23	0781	ICPM	ppm	Zr ICP(Multi-Acid)	Zirconium	1	10000
24	0786	ICPM	ppm	Sc ICP(Multi-Acid)	Scandium	1	10000
25	0776	ICPM	%	Ti ICP(Multi-Acid)	Titanium	0.01	10.00
26	0751	ICPM	%	Al ICP(Multi-Acid)	Aluminum	0.01	5.00
27	0758	ICPM	%	Ca ICP(Multi-Acid)	Calcium	0.01	10.00
28	0762	ICPM	%	Fe ICP(Multi-Acid)	Iron	0.01	5.00
29	0765	ICPM	%	Mg ICP(Multi-Acid)	Magnesium	0.01	10.00
30	0770	ICPM	%	K ICP(Multi-Acid)	Potassium	0.01	10.00
31	0772	ICPM	%	Na ICP(Multi-Acid)	Sodium	0.01	10.00
32	0769	ICPM	%	P ICP(Multi-Acid)	Phosphorus	0.01	5.00
33	0405	WRock	%	Al2O3 by Whole Rock	Al2O3	0.01	100.00
34	0408	WRock	%	BaO by Whole Rock	BaO	0.01	100.00

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ID=C1040120809

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Signature:

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Hawthorne Gold Corp
Project : 02 Table Mountain
Shipper : Andrew Caldwell
Shipment: PO#: 08-02-258
Comment:

28 Samples Print: Oct 27, 2008 In: Sep 17, 2008 Page 2 of 2 [440918:32:48:80102708:002]

##	Code	Method	Units	Description	Element	Limit Low	Limit High
35	0406	WRock	%	CaO by Whole Rock	CaO	0.01	100.00
36	0409	WRock	%	Fe203 by Whole Rock	Fe203	0.01	100.00
37	0403	WRock	%	K20 by Whole Rock	K20	0.01	100.00
38	0402	WRock	%	MgO by Whole Rock	MgO	0.01	100.00
39	0404	WRock	%	MnO by Whole Rock	MnO	0.01	100.00
40	0410	WRock	%	Na20 by Whole Rock	Na20	0.01	100.00
41	0411	WRock	%	P205 by Whole Rock	P205	0.01	100.00
42	0401	WRock	%	Si02 by Whole Rock	Si02	0.01	100.00
43	0407	WRock	%	Ti02 by Whole Rock	Ti02	0.01	100.00
44	0417	2000 F	%	Loss on Ignition @ 2000 F	Loss on Ignition	0.01	100.00
45	0420	WRock	%	Total Whole Rock	Total	0.01	105.00

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain Ship#

28 Samples

25=Rock 3=Pulp 2=Repeat 1=Blk iPL 1 [4409183248801027080002]

Print: Oct 27, 2008 In: Sep 17, 2008

Sample Name	Type	Wt Kg	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5000251	Rock	0.7	<0.07	<0.5	40	<2	71	51	10	<3	<1	<2	<2	<0.2	32	39	117	<5	188
5000253	Rock	1.5	0.21	<0.5	45	<2	67	163	16	<3	<1	<2	<2	<0.2	41	59	679	35	169
5000254	Rock	1.4	<0.07	<0.5	4	4	5	30	14	<3	1	<2	3	<0.2	1	7	97	<5	593
5000255	Rock	0.5	<0.07	<0.5	86	<2	80	48	8	<3	<1	<2	<2	<0.2	21	21	52	<5	70
5000301	Rock	1.7	168.60	107.2	1170	5	224	28	554	<3	2	<2	<2	0.5	2	13	24	<5	406
5000302	Rock	1.6	67.48	11.0	95	24	126	78	54	<3	2	<2	<2	<0.2	2	29	30	<5	460
5000303	Rock	1.6	205.78	38.6	48	7	35	13	65	<3	2	<2	2	<0.2	2	14	25	<5	644
5000304	Rock	2.2	558.30	347.4	3613	8	522	69	1784	<3	2	<2	<2	3.1	<1	12	12	<5	817
5000514	Rock	0.4	3.90	<0.5	27	6	9	6	24	<3	2	<2	5	<0.2	3	15	15	<5	823
5000515	Rock	0.6	4.54	<0.5	21	14	12	1469	99	<3	1	<2	4	<0.2	7	31	418	<5	643
5000516	Rock	0.6	<0.07	<0.5	42	<2	35	519	85	<3	<1	<2	<2	<0.2	28	37	193	<5	678
5000517	Rock	0.5	0.07	<0.5	9	<2	13	448	22	<3	1	<2	4	<0.2	4	11	86	<5	712
5000518	Rock	0.7	<0.07	<0.5	18	6	18	101	26	<3	1	<2	<2	<0.2	10	64	186	<5	728
5000519	Pulp	—	0.76	<0.5	6296	<2	137	49	28	<3	6	<2	<2	<0.2	10	13	563	<5	32
5000520	Rock	0.2	<0.07	<0.5	35	<2	100	48	<5	<3	<1	<2	<2	<0.2	52	35	42	<5	132
5000521	Rock	1.6	<0.07	16.9	291	3	3607	11	186	<3	6	<2	<2	10.8	<1	13	16	<5	784
5006008	Rock	0.7	0.27	<0.5	13	8	34	11	8	<3	2	<2	4	<0.2	2	9	17	<5	579
5006009	Rock	0.7	3.43	<0.5	137	<2	92	196	7	<3	<1	<2	<2	<0.2	42	20	754	12	111
5006010	Pulp	—	0.77	<0.5	6513	<2	137	47	29	<3	5	<2	<2	<0.2	11	13	576	<5	31
5006011	Rock	1.5	0.08	<0.5	7	7	12	76	7	<3	<1	<2	4	<0.2	2	6	931	<5	366
5006012	Rock	0.9	0.33	<0.5	35	6	36	342	12	<3	<1	<2	<2	<0.2	3	15	1734	<5	611
5006013	Rock	0.5	<0.07	<0.5	36	<2	118	49	8	<3	<1	<2	<2	<0.2	10	32	1621	<5	72
5006014	Rock	1.0	<0.07	<0.5	9	<2	36	23	8	<3	<1	<2	<2	<0.2	5	10	599	<5	239
5006015	Rock	1.8	<0.07	<0.5	34	<2	45	59	12	<3	<1	<2	<2	<0.2	26	40	202	<5	334
5006016	Pulp	—	<0.07	<0.5	22	<2	64	48	7	<3	<1	<2	<2	<0.2	17	24	474	8	53
5006017	Rock	2.2	<0.07	<0.5	65	552	13	9	406	<3	2	<2	<2	<0.2	2	12	17	<5	800
5006018	Rock	1.0	0.34	<0.5	650	2856	2417	372	1018	<3	7	<2	<2	2.2	<1	8	123	<5	533
5006019	Rock	0.3	1.07	<0.5	64	8	64	158	25	<3	<1	<2	<2	<0.2	19	27	480	28	224
RE 5000251	Repeat	—	<0.07	<0.5	40	<2	70	53	8	<3	<1	<2	<2	<0.2	32	40	121	<5	194
RE 5006011	Repeat	—	0.09	<0.5	8	9	14	78	8	<3	<1	<2	4	<0.2	2	6	917	<5	413
Blank iPL	Blk iPL	—	<0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	Std iPL	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.1	0.07	0.5	1	2	1	5	5	3	1	2	2	0.2	1	1	2	5	1
Maximum Detection		9999.0	5000.00	500.0	20000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		Spec	FAGrav	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICATE OF ANALYSIS
iPL 8I4409

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Phone (604) 27[illegible]18
Fax (604) 272-0851
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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

28 Samples

Ship#

25=Rock 3=Pulp 2=Repeat 1=Blk iPL 1 [4409183248801027080002]

Print: Oct 27, 2008 In: Sep 17, 2008

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %	Al2O3 %	BaO %	CaO %	Fe2O3 %
5000251	175	1311	4	140	106	33	0.47	8.11%	6.51	6.47%	4.32	0.23	2.42	0.04	15.53	0.01	9.13	9.65
5000253	197	1778	<2	90	139	32	0.59	7.08%	4.59	7.19%	3.59	2.27	0.07	0.05	—	—	—	—
5000254	2	42	<2	3	18	<1	0.01	0.19	0.02	0.59	0.01	0.03	0.01	<0.01	—	—	—	—
5000255	100	725	7	61	112	18	0.41	8.01%	0.46	4.91	2.08	0.02	4.87	0.08	13.79	<0.01	0.66	6.68
5000301	3	44	<2	1	8	<1	<0.01	0.18	0.02	0.54	0.01	0.05	0.01	<0.01	—	—	—	—
5000302	4	63	<2	2	17	<1	<0.01	0.16	0.03	0.84	0.01	0.04	0.01	<0.01	—	—	—	—
5000303	<1	48	<2	1	18	<1	<0.01	0.10	0.01	0.56	0.01	0.02	0.01	<0.01	—	—	—	—
5000304	<1	62	<2	2	21	<1	<0.01	0.08	0.05	0.74	0.02	0.02	0.01	<0.01	—	—	—	—
5000514	<1	142	<2	1	23	<1	<0.01	0.15	0.01	0.99	0.01	<0.01	0.01	<0.01	—	—	—	—
5000515	25	47	15	59	55	3	0.04	0.89	0.02	3.18	0.04	0.24	0.01	0.03	1.66	0.05	0.03	4.64
5000516	112	51	<2	13	71	6	0.32	3.28	0.06	4.55	0.02	0.04	0.01	0.02	6.25	0.02	0.09	6.84
5000517	12	146	<2	8	25	2	0.01	0.39	0.10	1.49	0.03	0.12	0.01	0.03	—	—	—	—
5000518	29	509	22	157	69	10	0.06	0.89	1.55	1.73	0.60	0.12	0.01	0.09	—	—	—	—
5000519	47	921	8	299	130	7	0.13	5.51%	2.61	7.33%	0.94	2.16	0.99	0.06	—	—	—	—
5000520	331	1688	<2	127	187	41	1.53	7.05%	7.24	11%	4.00	0.02	1.53	0.09	—	—	—	—
5000521	1	109	<2	7	18	<1	0.01	0.10	0.16	0.85	0.04	0.02	0.01	0.03	—	—	—	—
5006008	4	399	<2	37	38	2	<0.01	0.05	1.18	1.94	0.25	0.01	0.01	<0.01	—	—	—	—
5006009	362	2117	<2	149	136	31	0.25	7.79%	5.30	9.07%	1.52	2.16	1.97	0.05	—	—	—	—
5006010	45	923	8	308	120	7	0.13	5.70%	2.66	7.41%	0.97	2.22	1.02	0.07	—	—	—	—
5006011	18	76	4	3	51	3	0.03	1.02	0.02	0.80	0.07	0.46	0.01	<0.01	—	—	—	—
5006012	31	284	8	11	52	5	0.05	1.67	0.12	1.20	0.18	0.69	0.01	0.01	—	—	—	—
5006013	38	2497	11	410	130	8	0.14	6.35%	3.76	2.81	1.58	1.84	1.47	0.06	—	—	—	—
5006014	8	898	10	417	67	5	0.10	3.14	6.13	0.81	0.76	0.92	0.97	0.07	—	—	—	—
5006015	255	674	3	273	77	33	0.49	8.32%	8.18	6.80%	2.39	0.59	0.59	0.04	—	—	—	—
5006016	73	658	8	297	92	15	0.34	6.53%	2.84	3.55	1.46	0.89	2.32	0.06	—	—	—	—
5006017	1	58	<2	2	7	<1	<0.01	0.15	0.03	0.59	0.01	0.03	0.01	<0.01	—	—	—	—
5006018	14	80	<2	5	17	<1	0.04	0.80	0.12	0.65	0.05	0.28	0.01	0.01	—	—	—	—
5006019	102	1547	<2	192	97	18	0.20	4.32	6.06	4.69	1.32	1.18	0.05	0.03	—	—	—	—
RE 5000251	182	1309	4	147	120	35	0.46	8.11%	6.52	6.46%	4.38	0.23	2.34	0.05	15.46	0.01	9.07	9.60
RE 5006011	19	80	4	4	30	3	0.03	1.03	0.03	0.82	0.07	0.45	0.01	<0.01	—	—	—	—
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OXI67 REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	5.00	10.00	5.00	10.00	10.00	10.00	5.00	100.00	100.00	100.00	100.00
Method	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	WRock	WRock	WRock	WRock

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Hawthorne Gold Corp
Project: 02 Table Mountain

28 Samples

Ship# 25=Rock 3=Pulp 2=Repeat 1=Blk iPL

Print: Oct 27, 2008
1 [44091832488010270800 2] In: Sep 17, 2008

Sample Name	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	Total %
5000251	<0.01	6.27	0.16	3.18	0.12	50.47	0.80	4.84	100.17
5000253	—	—	—	—	—	—	—	—	—
5000254	—	—	—	—	—	—	—	—	—
5000255	0.51	2.97	0.10	6.87	0.14	63.84	0.73	4.42	100.70
5000301	—	—	—	—	—	—	—	—	—
5000302	—	—	—	—	—	—	—	—	—
5000303	—	—	—	—	—	—	—	—	—
5000304	—	—	—	—	—	—	—	—	—
5000514	—	—	—	—	—	—	—	—	—
5000515	<0.01	0.06	<0.01	0.03	<0.01	88.50	0.18	4.14	99.29
5000516	<0.01	0.03	0.01	0.02	<0.01	78.54	0.82	7.25	99.86
5000517	—	—	—	—	—	—	—	—	—
5000518	—	—	—	—	—	—	—	—	—
5000519	—	—	—	—	—	—	—	—	—
5000520	—	—	—	—	—	—	—	—	—
5000521	—	—	—	—	—	—	—	—	—
5006008	—	—	—	—	—	—	—	—	—
5006009	—	—	—	—	—	—	—	—	—
5006010	—	—	—	—	—	—	—	—	—
5006011	—	—	—	—	—	—	—	—	—
5006012	—	—	—	—	—	—	—	—	—
5006013	—	—	—	—	—	—	—	—	—
5006014	—	—	—	—	—	—	—	—	—
5006015	—	—	—	—	—	—	—	—	—
5006016	—	—	—	—	—	—	—	—	—
5006017	—	—	—	—	—	—	—	—	—
5006018	—	—	—	—	—	—	—	—	—
5006019	—	—	—	—	—	—	—	—	—
RE 5000251	<0.01	6.33	0.16	3.13	0.10	50.99	0.79	4.42	100.06
RE 5006011	—	—	—	—	—	—	—	—	—
Blank iPL	—	—	—	—	—	—	—	—	—
OXI67	—	—	—	—	—	—	—	—	—
OXI67 REF	—	—	—	—	—	—	—	—	—
Minimum Detection	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	105.00
Method	WRock	WRock	WRock	WRock	WRock	WRock	WRock	2000 F	WRock

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

Appendix A2

East Bain Diamond Drilling
Assay Certificates from Eco Tech Laboratory Ltd.

Contents

Batch No	Samples	Hole ID
AK08-8536	3429	BNS-0001
AW08-8619	258	BNS-0001
		BNS-0002
		BNS-0003
		BNS-0005
		BNS-0006
		BNS-0007
		BNS-0010
		BNS-0012
AK08-8584	4002	BNS-0002
AK08-8580	3073	BNS-0003
AK08-8592	1530	BNS-0005
AW08-8577	979	BNS-0005
AK08-8578	462	BNS-0006
AW08-8596	2310	BNS-0006
AW08-8579	459	BNS-0007
AW08-8600	3660	BNS-0007
AK08-8607	960	BNS-0008
AW08-8595	462	BNS-0008
AW08-8611	2070	BNS-0009
AW08-8594	490	BNS-0010
AW08-8614	3060	BNS-0010
AW08-8598	432	BNS-0011
AW08-8615	1620	BNS-0011
AW08-8597	450	BNS-0012
AW08-8617	480	BNS-0012
AW08-8612	491	BNS-0013
AW08-8616	1200	BNS-0013
AW08-8608	488	BNS-0014
AW08-8618	390	BNS-0014
AW08-8606	1177	BNS-0015

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Fax + 250 573 4557
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-8536

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

11-Nov-08

No. of samples received: 143
Sample Type:Core
Project: H1005
Shipment #:2008-0002
Submitted by:Mallory Dalsin

ET #.	Tag #	SG g/cm^3
85	5002185	2.71
86	5002186	2.79
87	5002187	2.87
88	5002188	2.76
91	5002191	2.57
92	5002192	2.67
93	5002193	2.77
94	5002194	2.65
95	5002195	2.71

QC DATA:

Repeat:

85	5002185	2.68

Standard:

SG01	2.60

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

JJ/nw
XLS/07

Eco Tech Laboratory Ltd.
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Kamloops, British Columbia,
V2C 6T4, Canada
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Fax + 250 573 4557
www.alexstewart.com

Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-8536

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

7-Nov-08

No. of samples received: 143
Sample Type:Core
Project: H1005
Shipment #:2008-0002
Submitted by:Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002101	<0.03	<0.001
2	5002102	<0.03	<0.001
3	5002103	<0.03	<0.001
4	5002104	<0.03	<0.001
5	5002105	<0.03	<0.001
6	5002106	<0.03	<0.001
7	5002107	<0.03	<0.001
8	5002108	<0.03	<0.001
9	5002108Dup	<0.03	<0.001
10	5002110	0.71	0.021
11	5002111	<0.03	<0.001
12	5002112	<0.03	<0.001
13	5002113	<0.03	<0.001
14	5002114	<0.03	<0.001
15	5002115	<0.03	<0.001
16	5002116	<0.03	<0.001
17	5002117	<0.03	<0.001
18	5002118	<0.03	<0.001
19	5002119	<0.03	<0.001
20	5002120	<0.03	<0.001
21	5002121	<0.03	<0.001
22	5002122	<0.03	<0.001
23	5002123	<0.03	<0.001
24	5002124	<0.03	<0.001
25	5002125	<0.03	<0.001
26	5002126	<0.03	<0.001

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Alex Stewart GEOCHEMICAL

Hawthorne Gold Corp - 8536

7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	5002127	<0.03	<0.001
28	5002128	<0.03	<0.001
29	5002128Dup	<0.03	<0.001
30	5002130	1.38	0.040
31	5002131	<0.03	<0.001
32	5002132	0.04	0.001
33	5002133	0.03	0.001
34	5002134	<0.03	<0.001
35	5002135	0.04	0.001
36	5002136	<0.03	<0.001
37	5002137	<0.03	<0.001
38	5002138	<0.03	<0.001
39	5002139	<0.03	<0.001
40	5002140	<0.03	<0.001
41	5002141	0.03	0.001
42	5002142	0.03	0.001
43	5002143	0.03	0.001
44	5002144	<0.03	<0.001
45	5002145	<0.03	<0.001
46	5002146	<0.03	<0.001
47	5002147	<0.03	<0.001
48	5002148	<0.03	<0.001
49	5002148Dup	<0.03	<0.001
50	5002150	3.44	0.100
51	5002151	<0.03	<0.001
52	5002152	<0.03	<0.001
53	5002153	<0.03	<0.001
54	5002154	<0.03	<0.001
55	5002155	<0.03	<0.001
56	5002156	<0.03	<0.001
57	5002157	<0.03	<0.001
58	5002158	<0.03	<0.001
59	5002159	<0.03	<0.001
60	5002160	<0.03	<0.001
61	5002161	<0.03	<0.001
62	5002162	<0.03	<0.001
63	5002163	<0.03	<0.001
64	5002164	<0.03	<0.001
65	5002165	<0.03	<0.001

ECO TECH LABORATORY LTD.
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B.C. Certified Assayer

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www.alexstewart.com

Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp - 8536

7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
66	5002166	<0.03	<0.001
67	5002167	<0.03	<0.001
68	5002168	<0.03	<0.001
69	5002168Dup	<0.03	<0.001
70	5002170	0.71	0.021
71	5002171	<0.03	<0.001
72	5002172	0.05	0.001
73	5002173	0.21	0.006
74	5002174	0.36	0.010
75	5002175	0.36	0.010
76	5002176	<0.03	<0.001
77	5002177	0.61	0.018
78	5002178	0.13	0.004
79	5002179	0.26	0.008
80	5002180	<0.03	<0.001
81	5002181	<0.03	<0.001
82	5002182	<0.03	<0.001
83	5002183	<0.03	<0.001
84	5002184	<0.03	<0.001
85	5002185	<0.03	<0.001
86	5002186	0.10	0.003
87	5002187	5.61	0.164
88	5002188	0.14	0.004
89	5002188Dup	0.12	0.003
90	5002190	1.39	0.041
91	5002191	1.03	0.030
92	5002192	<0.03	<0.001
93	5002193	0.05	0.001
94	5002194	0.03	0.001
95	5002195	<0.03	<0.001
96	5002196	<0.03	<0.001
97	5002197	<0.03	<0.001
98	5002198	<0.03	<0.001
99	5002199	<0.03	<0.001
100	5002200	<0.03	<0.001
101	5002201	0.03	0.001
102	5002202	<0.03	<0.001
103	5002203	<0.03	<0.001
104	5002204	<0.03	<0.001
105	5002205	<0.03	<0.001

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

Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp - 8536

7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
106	5002206	<0.03	<0.001
107	5002207	<0.03	<0.001
108	5002208	<0.03	<0.001
109	5002208Dup	<0.03	<0.001
110	5002210	3.47	0.101
111	5002211	<0.03	<0.001
112	5002212	<0.03	<0.001
113	5002213	<0.03	<0.001
114	5002214	0.03	0.001
115	5002215	0.36	0.010
116	5002216	<0.03	<0.001
117	5002217	0.19	0.006
118	5002218	0.12	0.003
119	5002219	0.09	0.003
120	5002220	0.13	0.004
121	5002221	<0.03	<0.001
122	5002222	<0.03	<0.001
123	5002223	<0.03	<0.001
124	5002224	<0.03	<0.001
125	5002225	<0.03	<0.001
126	5002226	<0.03	<0.001
127	5002227	0.03	0.001
128	5002228	<0.03	<0.001
129	5002228Dup	<0.03	<0.001
130	5002230	0.75	0.022
131	5002231	<0.03	<0.001
132	5002232	<0.03	<0.001
133	5002233	<0.03	<0.001
134	5002234	<0.03	<0.001
135	5002235	<0.03	<0.001
136	5002236	<0.03	<0.001
137	5002237	<0.03	<0.001
138	5002238	<0.03	<0.001
139	5002239	<0.03	<0.001
140	5002240	<0.03	<0.001
141	5002241	<0.03	<0.001
142	5002242	0.05	0.001
143	5002243	<0.03	<0.001

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Hawthorne Gold Corp - 8536 7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	5002101	<0.03	<0.001
11	5002111	<0.03	<0.001
19	5002119	<0.03	<0.001
37	5002136	<0.03	<0.001
45	5002145	<0.03	<0.001
54	5002154	<0.03	<0.001
71	5002171	<0.03	<0.001
75	5002175	0.37	0.011
77	5002177	0.59	0.017
80	5002180	<0.03	<0.001
87	5002187	5.43	0.158
89	5002188	0.09	0.003
106	5002206	<0.03	<0.001
115	5002215	0.35	0.010
124	5002224	<0.03	<0.001
Resplit:			
4	5002104	<0.03	<0.001
37	5002137	<0.03	<0.001
72	5002172	<0.03	<0.001
106	5002206	<0.03	<0.001
141	5002241	<0.03	<0.001
Standard:			
Oxi67		1.80	0.052
HiSilk2		3.39	0.099
Oxi67		1.83	0.053
HiSilk2		3.44	0.100
Oxi67		1.81	0.053
Oxi67		1.78	0.052
SK43		4.06	0.118

JJ/ap
XLS/07

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Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp - 8536

7-Nov-08

ET #	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	5002101	<0.03	<0.001
11	5002111	<0.03	<0.001
19	5002119	<0.03	<0.001
37	5002136	<0.03	<0.001
45	5002145	<0.03	<0.001
54	5002154	<0.03	<0.001
71	5002171	<0.03	<0.001
75	5002175	0.37	0.011
77	5002177	0.59	0.017
80	5002180	<0.03	<0.001
87	5002187	5.43	0.158
89	5002188	0.09	0.003
106	5002206	<0.03	<0.001
115	5002215	0.35	0.010
124	5002224	<0.03	<0.001
Resplit:			
4	5002104	<0.03	<0.001
37	5002137	<0.03	<0.001
72	5002172	<0.03	<0.001
106	5002206	<0.03	<0.001
141	5002241	<0.03	<0.001
Standard:			
Oxi67		1.80	0.052
Oxi67		1.83	0.053
Oxi67		1.81	0.053
Oxi67		1.78	0.052
HiSilk2		3.39	0.099
HiSilk2		3.44	0.100
SK43		4.06	0.118

JJ/ap
XLS/07

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11-Nov-08

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ICP CERTIFICATE OF ANALYSIS AK 2008- 8536

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 143
Sample Type:Core
Project: H1005
Shipment #:2008-0002
Submitted by:Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002101	<0.2	5.10	<5	1170	<5	3.48	<1	9	166	86	2.94	1.80	20	2.66	1502	3	1.02	55	500	36	5	<20	350	0.09	<10	69	<10	8	113
2	5002102	<0.2	5.23	<5	1240	<5	3.27	<1	10	168	85	2.79	1.90	20	2.54	1352	3	1.01	53	500	28	5	<20	322	0.09	<10	71	<10	8	104
3	5002103	0.6	5.81	<5	280	<5	1.40	2	18	160	173	3.84	2.16	20	2.01	964	8	0.75	174	460	42	5	<20	123	0.08	<10	99	<10	7	494
4	5002104	1.2	6.43	<5	1175	<5	3.08	<1	13	163	74	3.63	2.52	20	2.38	1313	12	1.01	93	600	42	10	<20	293	0.11	<10	125	<10	9	150
5	5002105	0.2	8.19	<5	1710	<5	2.66	<1	12	188	56	3.92	3.03	20	2.31	329	4	1.35	48	650	40	5	<20	323	0.12	<10	108	<10	11	112
6	5002106	<0.2	5.13	<5	1080	<5	8.42	<1	6	95	37	4.36	2.01	20	4.51	2077	3	1.06	31	640	28	5	<20	664	0.07	<10	69	<10	10	73
7	5002107	<0.2	7.18	<5	1375	<5	2.99	<1	12	135	47	4.38	2.61	20	3.06	978	4	0.54	38	720	36	<5	<20	176	0.10	<10	98	<10	9	91
8	5002108	0.2	8.29	<5	1655	<5	1.91	<1	15	180	40	4.66	2.95	30	2.38	437	3	0.60	42	780	42	5	<20	286	0.10	<10	102	<10	10	95
9	5002108	<0.2	7.87	<5	1535	<5	2.19	<1	15	182	38	4.53	2.96	30	2.26	419	3	0.56	40	730	42	<5	<20	269	0.10	<10	96	<10	9	89
10	5002110	2.0	6.06	<5	535	<5	2.98	<1	8	35	6813	7.92	2.25	<10	1.09	981	9	1.34	24	810	48	30	<20	391	0.13	<10	81	<10	8	128
11	5002111	0.6	8.22	<5	1810	<5	2.91	1	15	170	71	4.61	2.95	20	2.61	560	25	0.75	53	790	42	5	<20	290	0.12	<10	171	<10	10	153
12	5002112	0.4	7.63	<5	1590	<5	2.50	<1	10	151	53	3.73	2.97	20	2.32	450	5	0.94	39	740	32	<5	<20	251	0.10	<10	121	<10	9	91
13	5002113	0.8	6.84	<5	1700	<5	2.12	<1	12	130	69	3.42	2.63	20	2.31	426	42	0.85	49	630	34	5	<20	216	0.10	<10	110	<10	9	86
14	5002114	0.6	5.29	<5	1240	<5	3.45	<1	9	186	73	2.84	2.05	10	2.36	724	4	0.80	51	500	24	5	<20	348	0.08	<10	72	<10	10	94
15	5002115	1.2	7.03	<5	1480	<5	2.08	<1	15	199	98	3.89	2.64	20	2.50	826	13	1.03	105	590	32	10	<20	217	0.10	<10	128	<10	10	146
16	5002116	0.2	7.45	<5	470	<5	2.73	<1	10	57	20	3.79	1.12	10	1.48	619	4	2.82	27	680	26	<5	<20	383	0.34	<10	114	<10	16	52
17	5002117	2.2	5.68	<5	560	<5	3.44	<1	11	204	67	3.36	2.26	20	2.34	865	6	0.53	65	480	32	10	<20	287	0.09	<10	121	<10	10	138
18	5002118	2.4	5.79	<5	360	<5	3.02	2	11	192	81	2.92	2.39	20	1.73	386	8	0.40	65	540	32	15	<20	276	0.09	<10	175	<10	11	174
19	5002119	<0.2	1.24	55	45	<5	1.48	<1	79	1852	22	3.88	0.37	<10	>10	361	<1	0.89	1396	30	10	45	<20	68	<0.01	<10	21	<10	<1	60
20	5002120	0.2	1.81	55	10	<5	2.08	<1	61	1569	35	4.30	0.35	<10	>10	697	5	0.85	1099	30	12	30	<20	166	<0.01	<10	52	<10	3	72
21	5002121	<0.2	1.18	15	10	<5	0.47	<1	63	1527	52	3.89	0.35	<10	>10	286	<1	0.86	1267	20	8	25	<20	20	<0.01	<10	19	<10	<1	50
22	5002122	<0.2	1.16	15	15	<5	0.50	<1	68	1554	56	3.84	0.34	<10	>10	304	<1	0.83	1251	30	8	25	<20	27	<0.01	<10	19	<10	<1	51
23	5002123	<0.2	0.79	15	<5	<5	2.14	<1	80	1478	63	4.12	0.30	<10	>10	595	<1	0.71	1403	30	6	25	<20	91	<0.01	<10	10	<10	<1	48
24	5002124	0.2	1.36	15	5	<5	0.10	<1	80	1543	55	4.17	0.37	<10	>10	207	<1	0.91	1181	30	14	25	<20	7	<0.01	<10	26	<10	<1	48
25	5002125	<0.2	1.02	5	<5	<5	0.08	<1	68	1292	38	4.16	0.33	<10	>10	161	<1	0.80	1299	30	6	20	<20	5	<0.01	<10	21	<10	<1	39

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2008- 8536 Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5002126	0.2	1.07	10	45	<5	2.02	<1	72	1678	5	4.63	0.41	<10	>10	713	<1	0.97	1389	30	8	25	<20	109	<0.01	<10	24	<10	<1	23
27	5002127	0.4	1.02	<5	15	<5	0.83	<1	72	1559	7	4.42	0.39	<10	>10	536	<1	0.93	1250	30	8	25	<20	43	<0.01	<10	23	<10	<1	25
28	5002128	<0.2	1.18	10	25	<5	0.50	<1	90	1893	4	5.30	0.44	<10	>10	760	<1	1.06	1501	30	8	35	<20	26	<0.01	<10	26	<10	<1	35
29	5002128	0.2	1.17	10	20	<5	0.50	<1	89	1811	3	5.05	0.44	<10	>10	747	<1	1.06	1456	30	8	35	<20	26	<0.01	<10	28	<10	<1	29
30	5002130	3.8	7.66	15	1350	<5	1.67	2	19	105	9989	5.36	3.11	30	1.11	347	289	1.12	36	980	104	20	<20	274	0.15	<10	101	<10	11	134
31	5002131	<0.2	1.39	5	35	<5	0.18	<1	88	2094	18	5.58	0.46	<10	>10	573	1	1.10	1645	40	10	40	<20	21	<0.01	<10	34	<10	<1	34
32	5002132	<0.2	1.27	10	20	<5	0.30	<1	91	2211	8	5.61	0.46	<10	>10	694	<1	1.11	1525	40	10	45	<20	26	0.01	<10	29	<10	<1	39
33	5002133	<0.2	1.31	10	20	<5	0.13	<1	99	2202	8	5.38	0.48	<10	>10	740	<1	1.13	1558	30	8	50	<20	15	0.01	<10	31	<10	<1	32
34	5002134	<0.2	1.15	10	15	<5	0.22	<1	97	2131	6	5.69	0.43	<10	>10	917	<1	1.01	1644	30	10	45	<20	15	0.01	<10	26	<10	<1	37
35	5002135	<0.2	1.29	15	20	<5	0.92	<1	74	1914	7	5.25	0.44	<10	>10	925	<1	1.02	1365	30	10	45	<20	66	0.01	<10	28	<10	<1	35
36	5002136	0.2	7.04	<5	475	<5	2.77	<1	11	56	20	3.87	1.15	10	1.46	640	4	2.58	27	720	28	<5	<20	391	0.36	<10	111	<10	16	60
37	5002137	<0.2	1.33	15	35	<5	0.17	<1	95	1974	8	5.43	0.47	<10	>10	812	<1	1.10	1667	40	10	55	<20	17	0.01	<10	30	<10	<1	39
38	5002138	<0.2	1.37	10	15	<5	0.14	<1	80	1971	5	5.33	0.47	<10	>10	603	<1	1.10	1545	30	10	45	<20	15	0.01	<10	30	<10	<1	34
39	5002139	<0.2	1.60	15	30	<5	0.39	<1	88	1969	9	5.54	0.51	<10	>10	662	<1	1.19	1598	40	10	50	<20	25	0.01	<10	34	<10	<1	34
40	5002140	<0.2	1.53	15	20	<5	0.14	<1	84	2016	7	5.48	0.48	<10	>10	473	<1	1.13	1618	40	8	45	<20	16	0.01	<10	35	<10	<1	34
41	5002141	<0.2	1.47	10	35	<5	0.19	<1	90	1876	5	5.69	0.47	<10	>10	751	<1	1.10	1667	40	10	50	<20	15	0.01	<10	33	<10	<1	37
42	5002142	<0.2	1.49	10	55	<5	0.21	<1	89	1660	10	5.26	0.46	<10	>10	565	<1	1.10	1552	30	10	45	<20	17	0.01	<10	31	<10	<1	30
43	5002143	0.2	1.42	10	35	<5	0.16	<1	84	1882	8	5.64	0.46	<10	>10	1098	<1	1.08	1600	40	10	45	<20	12	0.01	<10	33	<10	<1	34
44	5002144	<0.2	1.32	15	10	<5	0.35	<1	94	1838	7	5.37	0.45	<10	>10	680	<1	1.06	1618	30	6	55	<20	24	0.01	<10	30	<10	<1	32
45	5002145	<0.2	1.39	15	10	<5	0.26	<1	85	2104	10	5.53	0.45	<10	>10	666	<1	1.08	1625	40	10	55	<20	19	0.01	<10	33	<10	<1	33
46	5002146	<0.2	1.49	20	20	<5	0.33	<1	112	2609	24	5.91	0.46	<10	>10	987	<1	1.09	1702	30	8	60	<20	21	0.01	<10	33	<10	<1	47
47	5002147	<0.2	1.65	10	15	<5	0.27	<1	82	1924	22	5.72	0.47	<10	>10	725	<1	1.11	1574	40	10	50	<20	16	0.01	<10	34	<10	<1	37
48	5002148	<0.2	1.62	15	25	<5	0.97	<1	86	2062	21	5.86	0.47	<10	>10	728	<1	1.10	1621	40	8	55	<20	38	0.01	<10	35	<10	<1	38
49	5002148	0.2	1.64	25	30	<5	0.93	<1	91	2117	19	5.71	0.48	<10	>10	713	<1	1.12	1579	40	10	55	<20	36	0.01	<10	37	<10	<1	40
50	5002150	3.4	6.69	155	1295	<5	6.62	2	12	97	72	4.43	1.43	10	1.28	626	15	2.01	51	990	296	50	<20	287	0.31	<10	124	<10	15	272
51	5002151	0.2	1.42	10	15	<5	0.45	<1	85	2050	30	5.45	0.45	<10	>10	465	<1	1.06	1560	40	8	50	<20	30	0.01	<10	35	<10	<1	36
52	5002152	<0.2	1.48	15	15	<5	0.80	<1	95	1746	35	5.91	0.47	<10	>10	538	<1	1.11	1823	40	8	45	<20	29	0.01	<10	34	<10	<1	35
53	5002153	0.2	1.29	15	15	<5	1.00	<1	94	2072	19	5.95	0.44	<10	>10	547	<1	1.03	1735	40	8	50	<20	35	0.01	<10	32	<10	<1	41
54	5002154	0.4	1.33	25	40	<5	0.70	<1	101	2058	46	5.62	0.47	<10	>10	483	<1	1.10	1762	30	10	45	<20	24	<0.01	<10	30	<10	<1	40
55	5002155	<0.2	1.42	20	10	<5	0.77	<1	94	2139	19	5.80	0.49	<10	>10	518	<1	1.15	1733	40	8	45	<20	25	0.01	<10	31	<10	<1	44
56	5002156	0.4	7.09	<5	435	<5	2.87	<1	11	57	21	3.65	1.06	<10	1.44	611	4	2.67	30	720	26	<5	<20	375	0.33	<10	113	<10	15	60
57	5002157	0.2	1.80	20	20	<5	0.88	<1	84	1994	23	5.44	0.48	<10	>10	535	<1	1.12	1486	40	8	45	<20	33	0.02	<10	37	<10	<1	33
58	5002158	<0.2	1.49	10	40	<5	1.05	<1	80	2201	22	5.48	0.45	<10	>10	530	<1	1.06	1520	40	10	50	<20	36	0.01	<10	35	<10	<1	38
59	5002159	0.2	1.28	20	45	<5	0.77	<1	84	2002	13	5.76	0.44	<10	>10	547	<1	1.02	1555	30	8	45	<20	32	<0.01	<10	31	<10	<1	40
60	5002160	0.2	1.42	25	10	<5	0.54	<1	87	2012	8	5.81	0.43	<10	>10	554	<1	1.00	1627	30	10	45	<20	26	<0.01	<10	35	<10	<1	43
61	5002161	<0.2	1.41	20	15	<5	0.68	<1	80	1735	6	5.05	0.42	<10	>10	547	<1	0.98	1439	30	6	40	<20	29	<0.01	<10	35	<10	<1	31
62	5002162	<0.2	1.40	20	25	<5	0.62	<1	83	1759	8	5.05	0.42	<10	>10	537	<1	0.95	1440	30	8	40	<20	24	<0.01	<10	35	<10	<1	33
63	5002163	<0.2	1.26	20	35	<5	0.76	<1	78	1653	4	5.10	0.40	<10	>10	491	<1	0.92	1471	30	8	35	<20	27	<0.01	<10	29	<10	<1	33
64	5002164	<0.2	1.07	15	15	<5	1.04	<1	83	1436	33	4.84	0.37	<10	>10	475	<1	0.87	1512	50	6	30	<20	30	<0.01	<10	25	<10	<1	30
65	5002165	<0.2	1.73	<5	15	<5	2.35	<1	77	1579	36	4.46	0.36	<10	>10	383	<1	0.85	1596	30	8	35	<20	28	<0.01	<10	37	<10	<1	46

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	5002166	<0.2	6.29	<5	465	<5	3.28	<1	48	211	65	>10	0.65	<10	6.76	2119	2	0.75	134	880	24	25	<20	38	0.73	<10	336	<10	17	90
67	5002167	<0.2	9.51	<5	90	<5	1.59	<1	42	189	80	8.96	0.36	<10	4.31	1369	3	0.79	80	830	28	25	<20	13	0.75	<10	347	<10	13	88
68	5002168	0.2	8.48	10	125	<5	2.28	<1	40	176	111	8.50	0.39	<10	4.26	1262	3	0.72	76	780	28	15	<20	37	0.54	<10	298	<10	17	83
69	5002168	<0.2	8.22	5	115	<5	2.17	<1	36	171	98	8.26	0.39	<10	4.19	1192	2	0.70	70	740	26	20	<20	37	0.51	<10	290	<10	16	78
70	5002170	2.0	6.00	<5	525	<5	2.96	<1	8	33	6875	7.94	2.32	<10	1.14	995	9	1.38	20	840	48	30	<20	402	0.13	<10	78	<10	8	122
71	5002171	<0.2	6.83	20	375	<5	8.97	<1	28	138	53	7.05	1.31	<10	4.77	1810	2	0.85	57	1150	26	5	<20	233	0.12	<10	205	<10	17	74
72	5002172	<0.2	8.43	10	160	<5	3.55	<1	35	162	110	7.78	0.55	<10	4.22	1365	3	0.77	69	750	28	20	<20	47	0.42	<10	284	<10	20	76
73	5002173	<0.2	7.93	35	265	<5	4.30	<1	35	159	58	6.43	0.62	<10	2.86	1387	2	0.63	70	690	36	30	<20	87	0.55	<10	268	<10	14	112
74	5002174	<0.2	6.15	25	315	<5	5.55	<1	24	123	12	5.71	1.48	<10	3.22	1243	2	0.72	49	400	26	10	<20	186	0.18	<10	195	<10	11	67
75	5002175	<0.2	7.21	60	815	<5	6.83	<1	32	167	18	7.43	2.06	<10	4.59	1574	2	0.85	64	550	46	10	<20	226	0.12	<10	205	<10	12	92
76	5002176	0.2	6.81	<5	485	<5	3.04	<1	11	57	22	3.80	1.05	<10	1.46	675	4	2.63	28	740	30	<5	<20	405	0.37	<10	113	<10	16	57
77	5002177	0.4	4.16	80	265	<5	3.69	<1	19	154	26	3.64	1.29	<10	2.01	581	1	0.41	37	330	22	10	<20	114	0.08	<10	129	<10	5	88
78	5002178	<0.2	7.58	30	435	<5	4.44	<1	31	177	1	6.66	1.14	<10	3.49	1343	2	0.74	70	620	36	30	<20	104	0.54	<10	243	<10	14	63
79	5002179	<0.2	6.28	60	645	<5	6.79	<1	26	142	7	5.72	1.63	<10	3.44	1208	2	0.71	59	680	22	10	<20	168	0.23	<10	184	<10	11	37
80	5002180	<0.2	6.78	10	220	<5	4.61	<1	28	176	<1	5.94	0.52	<10	3.29	868	3	3.49	62	640	22	5	<20	104	0.64	<10	215	<10	22	41
81	5002181	0.2	4.11	<5	220	<5	2.17	<1	9	230	<1	1.93	0.47	10	1.46	325	2	2.31	36	340	14	5	<20	94	0.29	<10	93	<10	13	13
82	5002182	<0.2	3.96	<5	200	<5	2.18	<1	10	229	<1	2.11	0.44	<10	1.54	333	2	2.19	37	330	14	5	<20	96	0.29	<10	93	<10	12	15
83	5002183	0.2	4.60	<5	360	<5	2.73	<1	15	169	<1	2.85	0.67	10	2.36	458	2	2.68	44	420	14	<5	<20	49	0.42	<10	114	<10	16	18
84	5002184	<0.2	6.55	<5	225	<5	4.85	<1	25	188	<1	5.39	0.58	<10	3.40	923	2	3.45	58	570	20	5	<20	108	0.64	<10	203	<10	24	34
85	5002185	<0.2	8.31	<5	390	<5	5.04	<1	33	179	<1	6.89	0.94	<10	4.42	976	3	3.02	72	760	28	10	<20	116	0.75	<10	269	<10	25	45
86	5002186	<0.2	7.18	20	1015	<5	5.68	<1	30	171	5	6.68	2.46	<10	4.13	1122	3	0.96	65	590	26	10	<20	224	0.12	<10	217	<10	10	50
87	5002187	1.6	4.59	85	195	<5	5.00	1	22	165	110	5.36	1.59	<10	2.46	1069	2	0.50	51	250	202	15	<20	132	0.10	<10	144	<10	8	393
88	5002188	<0.2	7.85	45	860	<5	5.19	<1	34	181	26	7.50	2.16	<10	3.84	1461	3	0.83	74	680	30	20	<20	163	0.38	<10	240	<10	15	67
89	5002188	<0.2	7.59	35	830	<5	5.31	<1	32	174	25	7.29	2.06	<10	3.64	1395	2	0.81	69	650	24	20	<20	151	0.36	<10	237	<10	14	61
90	5002190	4.6	7.80	20	1205	<5	1.78	2	21	98	>10000	5.97	3.39	40	1.13	383	289	1.12	37	1050	114	25	<20	272	0.18	<10	94	<10	11	143
91	5002191	<0.2	0.15	10	25	<5	1.59	<1	<1	284	21	1.03	0.04	<10	0.68	265	2	0.02	8	20	4	5	<20	37	<0.01	<10	6	<10	2	8
92	5002192	<0.2	7.35	35	395	<5	3.97	<1	36	165	45	7.17	1.12	<10	2.76	1263	4	0.63	79	670	28	45	<20	87	0.54	<10	238	<10	13	78
93	5002193	<0.2	7.45	40	455	<5	5.98	<1	36	178	38	8.44	1.07	<10	3.75	1503	3	0.76	78	660	40	30	<20	101	0.65	<10	248	<10	21	102
94	5002194	<0.2	9.73	<5	360	<5	3.49	<1	47	269	54	9.14	0.81	<10	3.91	1425	4	0.78	130	840	34	15	<20	43	1.06	<10	362	<10	36	91
95	5002195	<0.2	8.23	<5	200	<5	7.09	<1	39	231	54	8.62	0.71	<10	4.36	1160	3	2.59	91	730	30	10	<20	233	0.93	<10	279	<10	28	82
96	5002196	0.2	7.02	<5	450	<5	2.68	<1	9	54	18	3.80	0.98	<10	1.45	617	4	2.41	24	740	24	<5	<20	385	0.35	<10	106	<10	15	59
97	5002197	<0.2	8.38	<5	230	<5	5.10	<1	39	206	48	8.71	0.68	<10	3.99	1333	3	1.89	89	780	30	15	<20	108	0.85	<10	281	<10	28	76
98	5002198	<0.2	8.24	<5	140	<5	7.02	<1	36	219	43	8.34	0.55	<10	4.48	1168	3	2.85	82	720	28	10	<20	253	0.88	<10	280	<10	30	68
99	5002199	<0.2	9.23	<5	115	<5	7.15	<1	39	215	35	7.90	0.37	<10	3.08	1328	4	1.96	83	810	32	15	<20	388	0.98	<10	300	<10	34	70
100	5002200	<0.2	8.38	15	435	<5	3.77	<1	40	223	51	7.99	0.80	<10	2.73	1682	3	0.70	86	730	30	50	<20	66	0.75	<10	292	<10	20	86
101	5002201	<0.2	8.28	15	370	<5	3.93	<1	40	191	36	7.72	0.83	<10	2.73	1549	3	0.65	87	800	36	35	<20	80	0.70	<10	285	<10	20	71
102	5002202	<0.2	8.30	25	345	<5	3.42	3	36	132	26	7.56	0.76	<10	2.59	1467	4	0.66	80	760	38	45	<20	91	0.69	<10	272	<10	20	68
103	5002203	<0.2	8.58	5	410	<5	3.93	<1	38	195	44	7.38	0.77	<10	3.66	1194	4	0.76	82	760	32	15	<20	86	0.70	<10	299	<10	17	68
104	5002204	<0.2	7.55	<5	430	<5	5.56	<1	33	161	21	7.83	1.09	<10	4.25	1301	3	1.20	73	650	26	10	<20	115	0.41	<10	248	<10	16	59
105	5002205	<0.2	8.08	<5	315	<5	6.16	<1	34	199	<1	7.39	0.97	<10	4.87	1194	3	2.32	78	670	24	10	<20	157	0.63	<10	294	<10	21	60

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	5002206	<0.2	8.56	<5	85	<5	6.06	<1	37	210	11	8.43	0.39	<10	4.46	1272	4	3.01	80	810	36	10	<20	336	0.85	<10	308	<10	34	71
107	5002207	<0.2	8.66	<5	140	<5	5.47	<1	32	156	<1	7.27	0.50	<10	4.02	1065	3	3.15	66	800	38	10	<20	238	0.88	<10	296	<10	32	62
108	5002208	0.2	8.33	5	275	<5	3.33	<1	40	185	<1	8.27	0.61	<10	2.83	1553	3	0.66	83	880	36	25	<20	64	0.85	<10	308	10	26	73
109	5002208	0.2	8.09	<5	280	<5	3.27	<1	37	190	<1	8.03	0.62	<10	2.83	1506	3	0.66	80	850	36	20	<20	65	0.81	<10	297	<10	26	75
110	5002210	3.6	6.59	155	1320	<5	2.48	2	11	97	88	4.29	1.36	10	1.22	640	13	1.90	43	950	292	45	<20	297	0.32	<10	117	<10	15	267
111	5002211	0.2	7.95	<5	250	<5	3.10	<1	36	195	2	8.32	0.55	<10	3.39	1477	3	0.66	82	800	34	15	<20	48	0.64	<10	265	10	24	66
112	5002212	<0.2	7.86	<5	205	<5	3.20	<1	36	203	<1	7.66	0.56	<10	2.98	1391	3	0.63	85	800	32	25	<20	58	0.69	<10	276	10	21	57
113	5002213	<0.2	7.47	15	265	<5	5.07	<1	34	170	21	7.00	0.77	<10	3.23	1470	3	0.77	77	750	32	35	<20	126	0.53	<10	258	<10	17	76
114	5002214	<0.2	6.74	35	645	<5	5.25	<1	28	160	19	6.34	1.44	<10	3.47	1210	3	0.79	60	600	28	15	<20	181	0.36	<10	221	<10	12	49
115	5002215	0.2	4.03	20	495	<5	1.67	<1	20	126	871	3.95	1.23	<10	1.70	879	5	0.35	26	330	20	10	<20	63	0.18	<10	112	<10	5	40
116	5002216	0.2	7.05	5	455	<5	3.14	<1	12	56	15	3.86	1.05	<10	1.43	646	7	2.60	31	730	32	10	<20	389	0.38	<10	113	<10	15	63
117	5002217	0.6	5.07	45	695	<5	4.13	<1	26	182	75	5.25	1.36	<10	2.31	1083	4	0.52	60	540	128	20	<20	122	0.28	<10	148	<10	8	160
118	5002218	0.2	7.05	40	575	<5	5.26	<1	31	201	25	6.55	1.27	<10	4.22	1068	3	0.96	79	620	26	10	<20	130	0.44	<10	231	<10	16	55
119	5002219	<0.2	7.50	35	550	<5	4.61	<1	31	190	26	5.78	1.14	<10	3.12	1302	3	0.66	69	660	36	40	<20	95	0.58	<10	244	<10	16	57
120	5002220	<0.2	6.85	20	710	<5	7.28	<1	31	157	28	7.85	1.48	<10	3.96	1644	3	0.69	69	720	32	45	<20	145	0.40	<10	219	<10	18	70
121	5002221	<0.2	6.82	5	350	<5	4.85	<1	34	195	46	8.48	0.69	<10	3.31	1527	3	0.65	84	710	38	30	<20	88	0.58	<10	238	<10	26	108
122	5002222	<0.2	7.12	<5	320	<5	4.97	<1	38	202	46	8.74	0.67	<10	3.38	1572	3	0.68	91	750	38	30	<20	86	0.60	<10	238	<10	26	114
123	5002223	0.2	8.45	<5	300	<5	3.08	<1	40	246	68	7.54	0.57	<10	3.00	1556	3	0.64	105	830	38	45	<20	48	0.75	<10	294	<10	27	83
124	5002224	0.2	7.88	10	310	<5	4.07	<1	39	241	74	8.00	0.71	<10	3.32	1716	4	0.67	102	820	30	40	<20	52	0.63	<10	269	<10	22	79
125	5002225	<0.2	8.54	5	340	<5	3.84	<1	44	263	73	7.71	0.67	<10	3.18	1451	4	0.67	118	890	34	30	<20	45	0.74	<10	291	<10	25	81
126	5002226	0.2	7.08	20	550	<5	5.98	<1	34	212	56	7.32	1.14	<10	4.41	1397	3	0.75	86	710	28	20	<20	128	0.48	<10	225	<10	20	60
127	5002227	0.2	8.94	<5	440	<5	2.90	<1	43	263	78	7.92	0.83	<10	2.99	1452	4	0.69	112	920	38	35	<20	37	0.85	<10	307	<10	24	79
128	5002228	<0.2	8.27	5	525	<5	2.86	<1	42	254	69	8.49	0.93	<10	3.32	1575	4	0.71	104	840	38	25	<20	49	0.73	<10	299	<10	22	135
129	5002228	0.2	8.24	<5	515	<5	2.99	<1	43	248	69	8.65	0.91	<10	3.34	1605	4	0.68	107	850	40	25	<20	49	0.72	<10	289	<10	22	137
130	5002230	2.2	6.03	<5	530	<5	2.95	<1	8	38	6806	8.10	2.28	<10	1.10	981	9	1.47	20	790	54	30	<20	421	0.14	<10	82	<10	8	126
131	5002231	0.2	8.26	<5	260	<5	4.20	<1	43	245	86	8.07	0.61	<10	3.58	1368	4	1.36	107	860	34	10	<20	139	0.84	<10	298	<10	22	79
132	5002232	<0.2	6.32	<5	250	<5	4.65	<1	29	196	68	6.06	0.53	<10	3.31	1066	3	2.04	73	600	24	10	<20	169	0.56	<10	210	<10	21	57
133	5002233	<0.2	6.41	<5	255	<5	3.16	<1	27	202	38	5.75	0.58	<10	2.92	1167	3	2.09	64	580	28	10	<20	216	0.58	<10	198	<10	21	80
134	5002234	0.4	4.91	<5	940	<5	0.73	<1	17	111	205	3.14	1.45	20	1.11	889	2	0.57	47	430	34	5	<20	34	0.26	<10	80	<10	11	81
135	5002235	<0.2	4.51	10	1030	<5	0.70	<1	14	120	43	3.18	1.48	20	1.05	1104	3	0.31	43	380	30	10	<20	33	0.21	<10	73	<10	8	57
136	5002236	<0.2	7.20	<5	465	<5	2.94	<1	11	60	18	3.80	1.08	<10	1.49	672	6	2.55	28	790	32	<5	<20	409	0.37	<10	118	<10	15	61
137	5002237	0.2	3.79	10	825	<5	0.83	<1	11	134	61	2.37	1.23	20	0.89	764	2	0.27	32	280	22	5	<20	38	0.15	<10	56	<10	7	42
138	5002238	0.4	3.29	20	885	<5	0.75	<1	12	142	126	2.62	1.16	10	0.79	732	3	0.24	34	280	20	5	<20	33	0.11	<10	55	<10	6	42
139	5002239	0.4	5.52	10	625	<5	2.48	<1	17	100	6	4.72	1.03	<10	1.61	1236	2	0.45	25	560	28	5	<20	87	0.33	<10	152	<10	12	66
140	5002240	<0.2	4.33	<5	770	<5	0.61	<1	13	179	45	2.89	1.11	20	1.00	744	2	0.29	38	380	24	10	<20	25	0.23	<10	76	<10	7	59
141	5002241	0.4	3.33	<5	895	<5	0.54	<1	11	141	128	2.40	1.20	10	0.79	717	3	0.24	29	290	18	10	<20	24	0.16	<10	47	<10	6	75
142	5002242	0.4	3.48	<5	930	<5	0.50	<1	9	136	135	2.24	1.24	10	0.83	694	2	0.24	26	260	18	5	<20	25	0.15	<10	50	<10	6	68
143	5002243	0.4	4.09	10	1160	<5	0.66	<1	12	120	20	2.39	1.63	10	0.91	938	3	0.28	32	330	18	10	<20	33	0.15	<10	54	<10	7	68

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	5002101	0.2	5.08	<5	1130	<5	3.35	<1	9	163	86	2.84	1.82	20	2.62	1470	3	1.05	50	490	32	<5	<20	337	0.09	<10	67	<10	8	105
11	5002111	0.4	8.28	<5	1780	<5	2.79	<1	14	159	66	4.47	3.00	20	2.47	546	23	0.76	50	770	40	5	<20	275	0.11	<10	177	<10	10	149
19	5002119	0.2	1.33	60	50	<5	1.60	<1	80	1905	24	4.04	0.39	<10	>10	373	<1	0.91	1423	30	10	45	<20	74	<0.01	<10	21	<10	<1	61
37	5002137	<0.2	1.33	15	40	<5	0.19	<1	101	2005	7	5.53	0.47	<10	>10	821	<1	1.10	1695	40	8	60	<20	17	0.01	<10	29	<10	<1	40
45	5002145	<0.2	1.40	15	10	<5	0.25	<1	90	2076	9	5.49	0.46	<10	>10	672	<1	1.07	1648	30	10	50	<20	20	0.01	<10	31	<10	<1	33
54	5002154	<0.2	1.27	25	50	<5	0.69	<1	97	2014	42	5.56	0.44	<10	>10	475	<1	1.02	1760	30	8	40	<20	22	<0.01	<10	28	<10	<1	38
71	5002171	<0.2	6.59	15	370	<5	8.97	<1	27	131	51	6.84	1.26	<10	4.61	1782	2	0.82	53	1110	26	10	<20	228	0.12	<10	197	<10	17	71
80	5002180	<0.2	6.90	10	230	<5	4.48	<1	27	183	<1	5.83	0.52	<10	3.35	853	3	3.53	61	630	22	10	<20	109	0.63	<10	222	<10	23	41
89	5002188	0.2	7.71	35	835	<5	5.34	<1	32	183	26	7.23	2.13	<10	3.76	1403	3	0.84	71	640	26	20	<20	155	0.37	<10	244	<10	15	62
106	5002206	<0.2	8.51	<5	75	<5	5.89	<1	33	211	10	8.39	0.40	<10	4.44	1254	3	2.96	76	770	34	10	<20	328	0.86	<10	311	<10	34	67
115	5002215	0.4	4.03	25	470	<5	1.75	<1	22	129	865	3.98	1.21	<10	1.70	895	5	0.34	30	350	22	10	<20	64	0.19	<10	109	<10	5	42
124	5002224	<0.2	7.76	5	305	<5	3.92	<1	38	240	73	7.83	0.69	<10	3.22	1671	4	0.66	100	790	30	40	<20	52	0.61	<10	268	<10	22	77
141	5002241	0.6	3.36	<5	910	<5	0.55	<1	8	137	132	1.87	1.21	10	0.81	655	2	0.22	23	220	14	<5	<20	23	0.12	<10	50	<10	6	65
Resplit:																														
1	5002101	0.2	5.17	<5	1070	<5	3.51	<1	10	157	79	3.08	1.96	20	2.49	1544	5	1.01	59	510	34	5	<20	315	0.10	<10	70	<10	8	112
37	5002137	<0.2	1.29	10	55	<5	0.17	<1	97	2007	12	5.28	0.44	<10	>10	842	<1	1.02	1654	40	8	55	<20	16	0.01	<10	29	<10	<1	40
72	5002172	<0.2	8.64	5	170	<5	3.70	<1	40	165	107	7.64	0.58	<10	4.37	1408	4	0.81	68	730	32	15	<20	50	0.44	<10	299	<10	21	76
106	5002206	<0.2	8.66	<5	90	<5	5.83	<1	33	209	10	8.47	0.43	<10	4.46	1253	4	2.93	75	770	34	10	<20	337	0.85	<10	319	<10	34	67
Standard:																														
STSD3		0.5	5.87	20	1320	<5	2.35	<1	14	57	38	4.25	1.34	30	1.38	2561	7	1.15	31	1690	46	5	<20	341	0.29	<10	112	<10	30	192
STSD3		0.4	5.77	25	1385	<5	2.32	<1	15	61	39	4.22	1.39	40	1.51	2491	8	1.24	37	1780	40	5	<20	348	0.30	<10	116	<10	31	208
STSD3		0.5	5.89	20	1360	<5	2.39	<1	15	57	39	4.17	1.40	30	1.47	2491	7	1.24	33	1780	44	5	<20	358	0.28	<10	114	<10	29	199
STSD3		0.4	5.91	20	1350	<5	2.41	<1	14	60	37	4.28	1.40	30	1.38	2546	8	1.17	33	1720	40	<5	<20	343	0.29	<10	107	<10	29	199
STSD3		0.5	5.71	20	1315	<5	2.35	<1	14	57	36	4.18	1.36	30	1.33	2568	8	1.22	32	1680	40	5	<20	355	0.30	<10	116	<10	27	200

JJ/ap/nw
df/td8536as/td8536bs
XLS/08

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WHOLE ROCK CERTIFICATE OF ANALYSIS AW 2008-8619

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

2-Dec-08

No. of samples received: 44
Sample Type:Whole Core
Project: H1005
Shipment #:2008/0026
Submitted by:Lauren Islip

Note: Values expressed in percent

ET #.	Tag #	BaO	P205	SiO2	MnO	Fe203	MgO	Al203	CaO	TiO2	Na2O	K20	Cr2O3	Sr	L.O.I.
1	5001501	0.226	0.690	36.162	0.157	9.894	8.504	10.608	17.431	1.106	1.034	2.802	0.015	0.073	6.4
2	5001502	0.007	0.068	45.093	0.047	4.321	26.948	1.020	2.071	0.003	0.290	0.198	0.291	0.024	7.4
3	5001503	0.006	0.072	41.723	0.025	6.640	36.189	1.632	0.571	0.005	0.195	0.173	0.352	0.021	12.7
4	5001504	0.033	0.162	62.414	0.125	5.689	3.432	12.544	2.478	1.459	0.174	0.121	0.039	0.020	9.0
5	5001505	0.053	0.170	45.290	0.170	9.614	6.497	14.893	8.337	1.604	3.735	0.536	0.038	0.051	7.0
6	5001506	0.176	0.096	67.200	0.139	5.300	2.535	12.055	1.076	0.633	6.267	2.036	0.018	0.012	3.8
7	5001507	0.221	0.164	56.237	0.026	5.296	3.871	16.034	0.720	0.726	1.114	3.467	0.019	0.020	4.8
8	5001508	1.725	0.736	40.119	0.141	10.232	7.736	12.162	16.476	1.272	1.324	3.154	0.011	0.105	7.4
9	5001509	0.124	0.086	56.201	0.025	5.990	26.726	0.625	0.244	0.009	0.271	0.165	0.315	0.012	4.2
10	5001510	0.008	0.033	34.587	0.108	5.785	31.118	0.950	2.762	0.019	0.471	0.233	0.241	0.014	19.4
11	5001511	0.018	0.043	37.019	0.188	5.187	24.059	0.998	9.033	0.003	0.339	0.161	0.260	0.034	16.1
12	5001512	0.037	0.037	45.185	0.031	6.116	30.773	0.807	1.373	0.079	0.586	0.210	0.322	0.014	10.2
13	5001513	0.072	0.133	43.133	0.175	9.461	6.673	13.065	8.191	1.237	2.413	0.717	0.034	0.036	10.3
14	5001514	0.013	0.139	48.470	0.203	11.365	8.671	14.358	7.698	1.512	3.544	0.273	0.040	0.011	3.6
15	5001515	0.020	0.071	58.202	0.104	6.012	24.588	5.180	5.239	0.040	0.406	0.235	0.346	0.042	10.4
16	5001516	0.019	0.079	41.392	0.067	6.649	31.151	1.142	2.004	0.026	0.247	0.224	0.256	0.012	11.8
17	5001517	0.106	0.086	59.217	0.152	3.892	2.298	8.707	0.620	0.457	0.173	1.266	0.018	0.011	4.2
18	5001518	0.038	0.126	49.144	0.201	6.041	3.753	11.934	3.398	1.199	0.144	0.424	0.029	0.018	10.4
19	5001519	0.018	0.127	47.126	0.250	10.734	7.577	14.788	8.788	1.581	3.234	0.274	0.036	0.020	3.8
20	5001520	0.003	0.063	41.885	0.121	6.616	19.914	1.997	12.505	0.057	0.553	0.208	0.180	0.014	13.1
21	5001521	0.043	0.040	78.378	0.093	2.908	4.924	2.254	5.717	0.006	0.329	0.374	0.277	0.009	8.6
22	5001522	0.204	0.203	41.886	0.164	8.795	5.059	16.800	7.074	1.008	1.255	3.393	0.063	0.037	15.1
23	5001523	0.034	2.007	66.819	0.186	8.043	3.228	9.064	8.124	0.460	0.367	0.422	0.098	0.021	4.8

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Hawthorne Gold Corp AW8-8619

2-Dec-08

Note: Values expressed in percent

ET #.	Tag #	BaO	P205	SiO2	MnO	Fe203	MgO	Al203	CaO	TiO2	Na2O	K20	Cr2O3	Sr	L.O.I.
24	5001524	0.052	0.159	54.071	0.225	10.427	7.476	15.102	8.898	1.628	4.406	0.412	0.038	0.019	3.0
25	5001525	0.018	0.058	53.928	0.060	5.549	26.459	2.825	0.482	0.029	0.254	0.241	0.359	0.013	4.4
26	5001526	0.067	0.115	74.359	0.112	2.927	1.405	5.599	1.806	0.332	1.062	0.700	0.030	0.050	1.6
27	5001527	0.052	0.071	79.235	0.039	1.637	1.679	3.980	2.004	0.067	0.107	0.611	0.029	0.016	4.0
28	5001528	0.048	0.142	50.053	0.151	10.778	7.169	14.561	7.903	1.582	4.107	0.358	0.035	0.013	5.3
29	5001529	0.009	0.002	45.634	0.059	5.887	30.096	0.846	3.682	0.027	0.064	0.233	0.346	0.006	10.9
30	5001530	0.015	0.025	35.152	0.085	6.758	26.149	0.940	8.192	0.006	0.067	0.222	0.297	0.022	20.8
31	5001531	0.072	0.109	42.481	0.157	8.957	6.127	13.259	7.457	1.436	0.298	0.791	0.031	0.016	14.9
32	5001532	0.067	0.084	66.777	0.055	2.786	1.162	6.519	0.727	0.262	0.023	0.522	0.029	<0.002	3.3
33	5001533	0.209	1.367	63.706	0.031	4.565	0.772	6.561	2.361	0.330	0.204	1.243	0.092	0.020	5.3
34	5001534	0.033	0.167	39.428	0.193	11.218	6.880	16.322	6.145	1.889	0.013	0.392	0.038	0.023	16.2
35	5001535	0.100	0.063	60.000	0.197	4.639	3.547	4.677	6.982	0.170	0.175	0.487	0.021	0.015	10.4
36	5001536	0.006	0.164	28.638	0.288	10.592	24.397	17.048	0.675	0.951	0.205	0.114	0.015	0.010	11.2
37	5001537	0.034	0.014	34.431	0.093	7.691	32.709	0.609	3.015	0.009	0.810	0.042	0.195	0.021	19.3
38	5001538	0.005	0.030	57.436	0.039	5.053	18.961	1.119	2.984	0.017	0.220	0.157	0.286	0.008	10.0
39	5001539	0.029	0.114	41.415	0.167	9.718	5.563	13.963	15.494	1.339	1.772	0.203	0.037	0.055	9.8
40	5001540	0.020	0.060	56.249	0.059	4.981	27.021	1.557	0.748	0.005	0.019	0.258	0.333	0.019	5.0
41	5001541	0.001	0.039	55.715	0.034	5.285	26.847	1.199	0.057	0.000	0.004	0.240	0.225	0.003	3.6
42	5001542	0.100	0.032	30.150	0.113	7.132	32.190	0.371	2.250	0.018	0.005	0.323	0.064	0.006	23.1
43	5001543	0.010	0.062	36.231	0.066	5.825	29.105	0.734	2.023	0.019	0.009	0.325	0.307	0.017	19.5
44	5001544	0.024	0.039	42.588	0.057	6.075	23.706	1.005	2.735	0.006	0.007	0.230	0.394	0.032	22.8
QC DATA:															
Repeats:															
1	5001501	0.227	0.700	35.235	0.152	9.589	8.200	10.266	16.895	1.122	0.992	2.805	0.017	0.069	
10	5001510	0.009	0.029	35.208	0.110	5.793	31.384	1.013	2.796	0.018	0.410	0.231	0.240	0.013	
19	5001519	0.019	0.158	46.250	0.241	10.462	7.440	14.262	8.577	1.513	3.107	0.269	0.034	0.016	
28	5001528	0.048	0.131	49.303	0.154	10.534	6.915	14.218	7.886	1.666	4.036	0.304	0.034	0.015	
34	5001534	0.033	0.173	40.926	0.198	11.646	7.125	16.682	6.254	1.977	0.018	0.341	0.043	0.014	
Standard:															
LOI															100.2
LOI															100.3
TDB-1		0.027	0.226	50.771	0.201	14.513	6.003	13.736	9.720	2.403	2.263	0.904	0.026	0.042	
SY4		0.037	0.134	50.152	0.113	6.270	0.541	20.697	8.063	0.289	7.144	1.632	0.002	0.134	

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25-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8619
Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 44
Sample Type:Whole Core
Project: H1005
Shipment #:2008/0026
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5001501	0.2	5.81	<5	2025	<5	>10	<1	31	84	30	6.16	2.36	150	5.03	1202	4	0.80	92	5000	30	5	<20	630	0.62	<10	263	<10	17	45
2	5001502	<0.2	0.58	35	15	<5	1.34	<1	70	1744	8	3.17	0.11	<10	15.69	255	1	0.30	1338	50	4	40	<20	59	<0.01	<10	22	<10	<1	81
3	5001503	<0.2	0.94	10	10	<5	0.36	<1	78	2169	7	5.01	0.15	<10	20.39	120	1	0.40	1654	40	4	50	<20	21	<0.01	<10	34	<10	<1	34
4	5001504	0.2	6.55	20	115	<5	2.09	<1	27	196	104	4.55	0.10	<10	1.73	798	3	0.12	70	860	22	30	<20	18	0.71	<10	221	20	16	110
5	5001505	<0.2	7.98	<5	170	<5	6.83	<1	36	218	<1	7.74	0.33	<10	3.71	1031	3	2.85	87	800	20	10	<20	162	0.94	<10	301	<10	35	62
6	5001506	0.2	5.79	<5	1290	<5	0.83	<1	20	98	137	4.42	1.59	30	1.26	966	4	0.15	56	540	26	10	<20	22	0.41	<10	82	<10	17	79
7	5001507	1.0	8.75	<5	2090	<5	0.65	2	20	132	81	4.99	3.04	30	2.28	189	38	0.91	79	1030	52	10	<20	46	0.28	<10	238	<10	14	249
8	5001508	0.2	6.22	5	>10000	<5	>10	<1	41	53	25	9.46	2.55	160	4.28	1019	4	1.01	89	5550	56	5	<20	1146	0.90	<10	275	<10	19	66
9	5001509	<0.2	0.36	<5	40	<5	0.09	<1	77	895	48	4.58	0.13	<10	15.64	127	2	0.33	1469	40	<2	15	<20	5	<0.01	<10	8	<10	<1	29
10	5001510	<0.2	0.70	10	10	<5	2.27	<1	71	1503	3	4.65	0.17	<10	18.52	665	1	0.45	1326	40	4	25	<20	64	<0.01	<10	25	<10	<1	25
11	5001511	0.2	0.63	5	5	<5	7.55	<1	67	1668	20	4.31	0.12	<10	14.28	1211	2	0.33	1296	50	<2	25	<20	183	<0.01	<10	27	<10	<1	29
12	5001512	<0.2	0.61	5	10	<5	1.01	<1	89	2004	7	4.90	0.16	<10	18.23	167	2	0.42	1746	30	<2	45	<20	26	<0.01	<10	23	<10	<1	39
13	5001513	<0.2	7.22	20	535	<5	6.99	<1	36	196	59	7.99	0.61	<10	3.75	1121	4	1.90	85	690	22	10	<20	125	0.80	<10	270	<10	26	62
14	5001514	<0.2	7.44	<5	75	<5	5.79	<1	39	239	20	8.39	0.22	<10	4.81	1141	3	2.42	91	730	22	10	<20	70	0.89	<10	288	<10	30	71
15	5001515	<0.2	2.19	90	35	<5	3.05	<1	68	1777	61	3.44	0.13	<10	18.85	560	2	0.36	1384	40	6	30	<20	474	<0.01	<10	72	<10	<1	85
16	5001516	0.2	0.79	<5	5	<5	1.41	<1	71	1538	7	4.98	0.19	<10	18.7	393	2	0.20	1511	30	2	25	<20	47	<0.01	<10	28	<10	<1	32
17	5001517	<0.2	5.16	10	1010	<5	0.43	<1	15	110	33	3.31	1.07	20	1.22	1079	3	0.12	32	400	42	10	<20	10	0.29	<10	79	<10	13	106
18	5001518	0.2	7.29	<5	225	<5	3.11	<1	40	204	135	5.62	0.31	<10	2.37	1460	4	0.21	85	710	22	40	<20	30	0.71	<10	254	<10	27	76
19	5001519	0.2	7.87	<5	120	<5	6.59	<1	43	212	9	9.82	0.23	<10	4.23	1745	5	2.56	101	860	30	15	<20	82	0.87	<10	297	<10	30	74
20	5001520	0.2	1.03	<5	15	<5	>10	<1	56	1198	10	5.37	0.15	<10	11.53	745	2	0.40	354	50	4	25	<20	106	0.05	<10	83	<10	2	19
21	5001521	0.4	0.69	75	145	<5	4.49	<1	62	1614	31	2.01	0.24	<10	2.52	494	2	0.04	1179	40	4	565	<20	141	<0.01	<10	24	<10	1	25
22	5001522	0.2	8.84	30	1490	<5	5.90	<1	43	361	108	7.20	2.82	<10	2.69	1057	4	1.12	119	900	32	20	<20	130	0.55	<10	171	<10	17	102
23	5001523	0.4	4.25	<5	230	<5	6.91	9	19	621	305	6.47	0.36	50	1.48	1158	49	0.16	135	>10000	24	15	<20	72	0.27	<10	166	<10	68	292
24	5001524	0.4	7.50	<5	190	<5	6.86	<1	34	212	12	7.75	0.27	<10	4.02	1290	4	3.03	75	760	24	10	<20	112	0.87	<10	266	<10	30	55
25	5001525	0.4	1.61	20	5	<5	0.31	<1	115	2262	46	4.59	0.17	<10	15.57	380	2	0.17	1999	160	8	35	<20	6	0.01	<10	67	<10	1	133

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5001526	0.4	3.13	<5	380	<5	1.62	<1	12	168	85	2.53	0.35	10	0.66	795	2	0.79	28	410	18	<5	<20	138	0.20	<10	50	<10	9	44
27	5001527	0.6	2.02	20	415	<5	1.65	<1	11	169	205	1.30	0.55	<10	0.75	239	2	0.06	16	140	26	15	<20	50	0.04	<10	31	<10	4	14
28	5001528	<0.2	7.36	<5	145	<5	5.94	<1	35	206	11	8.06	0.26	<10	3.87	878	4	2.94	82	760	20	10	<20	128	0.87	<10	291	<10	30	60
29	5001529	0.2	0.69	<5	5	<5	2.90	<1	70	2081	9	4.44	0.18	<10	17.34	356	1	0.04	1225	30	6	30	<20	46	0.01	<10	23	<10	<1	37
30	5001530	<0.2	0.78	<5	30	<5	6.42	<1	74	1825	11	5.18	0.18	<10	15.09	495	1	0.09	1471	40	6	30	<20	74	<0.01	<10	31	<10	<1	33
31	5001531	0.2	7.29	35	660	<5	5.67	<1	32	175	<1	6.59	1.07	<10	3.49	925	3	0.56	71	730	22	25	<20	130	0.56	<10	256	<10	26	52
32	5001532	<0.2	3.42	<5	640	<5	0.54	<1	11	187	56	2.20	0.40	<10	0.52	357	2	0.09	19	450	20	10	<20	14	0.20	<10	193	<10	9	18
33	5001533	0.6	3.37	15	250	<5	1.87	3	24	560	346	3.61	1.00	20	0.31	127	26	0.16	109	8440	32	25	<20	66	0.10	<10	144	<10	53	185
34	5001534	<0.2	8.74	<5	235	<5	4.70	<1	43	246	7	9.04	0.25	<10	3.94	1209	4	0.34	100	970	30	10	<20	61	1.15	<10	348	<10	34	83
35	5001535	<0.2	2.19	5	785	<5	6.41	<1	12	144	69	3.97	0.40	<10	1.89	1400	2	0.20	24	360	14	10	<20	105	0.13	<10	51	<10	11	44
36	5001536	0.2	8.41	<5	35	<5	0.50	<1	44	103	<1	8.83	0.09	40	13.21	2160	7	0.21	165	710	16	5	<20	13	0.11	<10	218	<10	7	255
37	5001537	0.2	0.68	<5	5	<5	2.27	<1	75	1184	7	5.77	0.24	<10	18.86	530	1	0.63	1669	40	4	20	<20	53	<0.01	<10	13	<10	<1	23
38	5001538	0.4	0.81	5	25	<5	2.45	<1	77	1770	102	3.98	0.13	<10	11.04	240	1	0.17	1428	120	6	35	<20	22	<0.01	<10	29	<10	<1	36
39	5001539	<0.2	7.49	<5	110	<5	>10	<1	36	212	<1	8.25	0.15	<10	3.01	1079	5	1.62	89	790	24	15	<20	480	0.86	<10	265	<10	29	51
40	5001540	0.6	1.13	65	10	<5	0.45	<1	87	1630	323	3.75	0.20	<10	15.64	354	1	0.04	1276	30	4	35	<20	18	<0.01	<10	14	<10	<1	82
41	5001541	<0.2	1.02	15	<5	<5	0.06	<1	74	1461	85	4.51	0.20	<10	16.23	243	<1	0.05	1265	30	4	25	<20	2	<0.01	<10	24	<10	<1	52
42	5001542	0.4	0.65	<5	10	<5	1.99	<1	79	382	5	5.87	0.26	<10	18.96	747	1	0.08	1491	30	4	15	<20	56	<0.01	<10	12	<10	<1	17
43	5001543	<0.2	0.81	<5	5	<5	1.62	<1	86	1703	6	4.68	0.24	<10	17.1	420	1	0.06	1595	30	<2	30	<20	43	<0.01	<10	21	<10	<1	37
44	5001544	<0.2	0.82	10	75	<5	2.26	<1	84	2516	7	4.75	0.18	<10	13.37	343	1	0.09	1512	30	24	45	<20	35	<0.01	<10	36	<10	<1	112
QC DATA:																														
Repeat:																														
1	5001501	0.4	5.91	<5	2040	<5	>10	<1	29	86	28	6.14	2.38	150	5.05	1225	2	0.80	71	4910	28	<5	<20	620	0.63	<10	253	<10	17	41
10	5001510	<0.2	0.69	10	10	<5	2.31	<1	70	1605	2	4.56	0.20	<10	14.28	642	<1	0.50	1306	30	6	30	<20	63	<0.01	<10	25	<10	<1	24
19	5001519	<0.2	7.81	<5	125	<5	6.47	<1	40	214	9	9.16	0.33	<10	4.23	1893	4	2.62	96	830	28	10	<20	84	0.99	<10	300	<10	31	76
36	5001536	0.2	8.52	<5	35	<5	0.48	<1	46	103	<1	8.68	0.11	40	7.13	2009	4	0.20	175	730	12	5	<20	14	0.11	<10	216	<10	5	272
Resplit:																														
15	5001515	<0.2	2.16	90	35	<5	3.35	<1	76	1830	56	3.52	0.15	<10	15.57	524	2	0.39	1413	40	8	35	<20	456	<0.01	<10	79	<10	<1	90
36	5001536	0.4	2.17	<5	780	<5	5.93	<1	10	140	66	3.67	0.40	<10	1.93	1297	2	0.21	23	330	20	5	<20	107	0.11	<10	50	<10	11	38
Standard:																														
Stsd3		0.4	5.61	20	1275	<5	2.39	<1	14	30	28	4.30	1.40	30	1.22	2594	8	1.23	34	1680	58	<5	<20	249	0.31	<10	102	<10	27	197
Stsd3		0.6	5.75	25	1240	<5	2.43	<1	15	35	27	4.26	1.19	30	1.30	2627	8	1.18	31	1750	64	5	<20	252	0.30	<10	103	<10	26	197

ICP: 4 Acid Digest/ICP-AES Finish
Ag: 4 Acid Digest/AA-Finish

JJ/nw
df/td8619rs
XLS/08

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CERTIFICATE OF ASSAY AK 2008-8584

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 168
Sample Type: Core
Project: H1005
Shipment #: 2008/0003
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
112	5002355	2.82
114	5002357	2.72
115	5002358	2.77
116	5002359	2.72
117	5002360	2.82
118	5002361	2.81
120	5002363	2.62
122	5002365	2.70
123	5002366	2.68
124	5002367	2.61
125	5002368	2.76
128	5002371	2.68

QC DATA:

Repeat:

112	5002355	2.79

Standard:

SG-1	2.62

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CERTIFICATE OF ASSAY AK 2008-8584

REVISED

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 168
Sample Type: Core
Project: H1005
Shipment #: 2008/0003
Submitted by: Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002244	<0.03	<0.001
2	5002245	<0.03	<0.001
3	5002246	<0.03	<0.001
4	5002247	<0.03	<0.001
5	5002248	<0.03	<0.001
6	5002248	<0.03	<0.001
7	5002250	1.47	0.043
8	5002251	<0.03	<0.001
9	5002252	<0.03	<0.001
10	5002253	<0.03	<0.001
11	5002254	<0.03	<0.001
12	5002255	<0.03	<0.001
13	5002256	<0.03	<0.001
14	5002257	0.03	0.001
15	5002258	<0.03	<0.001
16	5002259	<0.03	<0.001
17	5002260	<0.03	<0.001
18	5002261	<0.03	<0.001
19	5002262	<0.03	<0.001
20	5002263	0.08	0.002
21	5002264	<0.03	<0.001
22	5002265	<0.03	<0.001
23	5002266	<0.03	<0.001
24	5002267	<0.03	<0.001
25	5002268	<0.03	<0.001
26	5002268	<0.03	<0.001
27	5002270	3.38	0.099
28	5002271	<0.03	<0.001

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Hawthorne Gold Corp - 8584R

12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
29	5002272	<0.03	<0.001
30	5002273	<0.03	<0.001
31	5002274	<0.03	<0.001
32	5002275	<0.03	<0.001
33	5002276	<0.03	<0.001
34	5002277	<0.03	<0.001
35	5002278	<0.03	<0.001
36	5002279	<0.03	<0.001
37	5002280	<0.03	<0.001
38	5002281	<0.03	<0.001
39	5002282	<0.03	<0.001
40	5002283	<0.03	<0.001
41	5002284	<0.03	<0.001
42	5002285	<0.03	<0.001
43	5002286	<0.03	<0.001
44	5002287	<0.03	<0.001
45	5002288	<0.03	<0.001
46	5002288	<0.03	<0.001
47	5002290	0.73	0.021
48	5002291	<0.03	<0.001
49	5002292	<0.03	<0.001
50	5002293	<0.03	<0.001
51	5002294	<0.03	<0.001
52	5002295	<0.03	<0.001
53	5002296	<0.03	<0.001
54	5002297	<0.03	<0.001
55	5002298	<0.03	<0.001
56	5002299	<0.03	<0.001
57	5002300	0.03	0.001
58	5002301	<0.03	<0.001
59	5002302	<0.03	<0.001
60	5002303	<0.03	<0.001
61	5002304	0.09	0.003
62	5002305	<0.03	<0.001
63	5002306	<0.03	<0.001
64	5002307	<0.03	<0.001
65	5002308	0.03	0.001
66	5002308	0.05	0.001
67	5002310	1.39	0.041
68	5002311	0.06	0.002
69	5002312	0.03	0.001

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Hawthorne Gold Corp - 8584R

12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
70	5002313	0.05	0.001
71	5002314	<0.03	<0.001
72	5002315	<0.03	<0.001
73	5002316	<0.03	<0.001
74	5002317	<0.03	<0.001
75	5002318	0.03	0.001
76	5002319	<0.03	<0.001
77	5002320	<0.03	<0.001
78	5002321	<0.03	<0.001
79	5002322	0.04	0.001
80	5002323	<0.03	<0.001
81	5002324	<0.03	<0.001
82	5002325	<0.03	<0.001
83	5002326	<0.03	<0.001
84	5002327	<0.03	<0.001
85	5002328	<0.03	<0.001
86	5002328	<0.03	<0.001
87	5002330	3.54	0.103
88	5002331	<0.03	<0.001
89	5002332	<0.03	<0.001
90	5002333	0.06	0.002
91	5002334	<0.03	<0.001
92	5002335	<0.03	<0.001
93	5002336	<0.03	<0.001
94	5002337	<0.03	<0.001
95	5002338	<0.03	<0.001
96	5002339	<0.03	<0.001
97	5002340	<0.03	<0.001
98	5002341	0.03	0.001
99	5002342	<0.03	<0.001
100	5002343	<0.03	<0.001
101	5002344	<0.03	<0.001
102	5002345	<0.03	<0.001
103	5002346	<0.03	<0.001
104	5002347	<0.03	<0.001
105	5002348	<0.03	<0.001
106	5002348	<0.03	<0.001
107	5002350	0.72	0.021
108	5002351	<0.03	<0.001
109	5002352	<0.03	<0.001
110	5002353	<0.03	<0.001
111	5002354	<0.03	<0.001

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12-Nov-08

ET #.	Tag #		Au (g/t)	Au (oz/t)
112	5002355		<0.03	<0.001
113	5002356		<0.03	<0.001
114	5002357		<0.03	<0.001
115	5002358		0.11	0.003
116	5002359		0.23	0.007
117	5002360		0.14	0.004
118	5002361		0.86	0.025
119	5002362		1.08	0.031
120	5002363	*	32.4	0.945
121	5002364		<0.03	<0.001
122	5002365		<0.03	<0.001
123	5002366		0.13	0.004
124	5002367		<0.03	<0.001
125	5002368		<0.03	<0.001
126	5002368		<0.03	<0.001
127	5002370		1.44	0.042
128	5002371		<0.03	<0.001
129	5002372		<0.03	<0.001
130	5002373		<0.03	<0.001
131	5002374		<0.03	<0.001
132	5002375		<0.03	<0.001
133	5002376		<0.03	<0.001
134	5002377		<0.03	<0.001
135	5002378		<0.03	<0.001
136	5002379		<0.03	<0.001
137	5002380		<0.03	<0.001
138	5002381		<0.03	<0.001
139	5002382		<0.03	<0.001
140	5002383		<0.03	<0.001
141	5002384		<0.03	<0.001
142	5002385		<0.03	<0.001
143	5002386		<0.03	<0.001
144	5002387		<0.03	<0.001
145	5002388		<0.03	<0.001
146	5002388		<0.03	<0.001
147	5002390		3.46	0.101
148	5002391		<0.03	<0.001
149	5002392		0.04	0.001
150	5002393		1.02	0.030
151	5002394		0.03	0.001
152	5002395		<0.03	<0.001

* Metallic Au Assay

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Hawthorne Gold Corp - 8584R

12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
153	5002396	<0.03	<0.001
154	5002397	<0.03	<0.001
155	5002398	<0.03	<0.001
156	5002399	<0.03	<0.001
157	5002400	<0.03	<0.001
158	5002401	<0.03	<0.001
159	5002402	<0.03	<0.001
160	5002403	<0.03	<0.001
161	5002404	0.05	0.001
162	5002405	<0.03	<0.001
163	5002406	<0.03	<0.001
164	5002407	<0.03	<0.001
165	5002408	<0.03	<0.001
166	5002408	<0.03	<0.001
167	5002410	0.71	0.021
168	5002411	<0.03	<0.001
QC DATA:			
Repeat:			
1	5002244	<0.03	<0.001
10	5002253	<0.03	<0.001
19	5002262	<0.03	<0.001
36	5002279	<0.03	<0.001
45	5002288	<0.03	<0.001
54	5002297	<0.03	<0.001
71	5002314	<0.03	<0.001
80	5002323	<0.03	<0.001
89	5002332	<0.03	<0.001
106	5002348	<0.03	<0.001
115	5002358	0.09	0.003
119	5002362	1.06	0.031
120	5002363	33.4	0.974
124	5002367	<0.03	<0.001
141	5002384	<0.03	<0.001
150	5002393	1.00	0.029
159	5002402	<0.03	<0.001
Resplit:			
1	5002244	<0.03	<0.001
36	5002279	0.03	0.001
71	5002314	<0.03	<0.001
106	5002348	<0.03	<0.001
141	5002384	<0.03	<0.001

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Hawthorne Gold Corp - 8584R

12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
HiSilk2		3.44	0.100
HiSilk2		3.41	0.099
HiSilk2		3.43	0.100
OXI67		1.79	0.052
OXI67		1.80	0.052

JJ/ndw/ap
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12-Nov-08

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ICP CERTIFICATE OF ANALYSIS AK 2008- 8584
Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 168
Sample Type: Core
Project: H1005
Shipment #: 2008/0003
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
1	5002244	0.6	8.15	5	1825	<5	1.31	<1	16	140	52	4.31	2.89	10	2.38	380	2	0.46	42	720	52	<5	<20	104	0.14	<10	99	<10	8	114
2	5002245	1.4	8.41	<5	1925	<5	1.73	<1	14	186	50	4.06	3.13	10	2.26	421	3	0.62	42	750	52	5	<20	163	0.15	<10	100	<10	10	97
3	5002246	0.4	7.85	5	1735	<5	1.35	<1	14	173	31	5.19	2.76	20	2.83	494	3	0.34	47	900	46	10	<20	117	0.16	<10	98	<10	9	113
4	5002247	0.6	7.34	15	1790	<5	2.55	<1	13	162	37	4.46	2.78	20	2.44	475	11	0.18	41	690	40	10	<20	127	0.11	<10	133	<10	8	80
5	5002248	0.2	7.66	15	1910	<5	2.86	<1	16	151	56	4.96	2.94	20	2.44	501	10	0.19	47	810	46	5	<20	118	0.13	<10	129	<10	8	105
6	5002248	0.3	7.99	15	1955	<5	2.97	<1	19	149	61	5.07	3.09	10	2.42	492	7	0.21	50	850	50	5	<20	109	0.15	<10	128	<10	10	114
7	5002250	4.0	7.75	20	1360	<5	1.80	3	27	109	9999	5.98	3.14	30	1.15	370	6	1.06	36	1010	124	30	<20	282	0.18	<10	102	<10	11	147
8	5002251	0.4	7.41	10	1565	<5	3.05	3	17	311	41	3.82	2.44	<10	4.82	539	39	0.66	142	780	38	10	<20	158	0.05	<10	247	<10	11	224
9	5002252	0.4	1.40	150	20	<5	2.87	<1	86	1897	8	5.91	0.34	<10	>10	921	2	0.76	1668	50	10	65	<20	177	<0.01	<10	104	<10	2	141
10	5002253	0.4	1.34	25	10	<5	0.51	<1	86	1648	76	4.48	0.36	<10	>10	278	<1	0.83	1541	50	8	30	<20	34	<0.01	<10	31	<10	<1	65
11	5002254	0.8	1.05	15	5	<5	0.37	<1	88	1555	59	5.01	0.33	<10	>10	280	1	0.77	1580	50	6	30	<20	15	<0.01	<10	25	<10	<1	63
12	5002255	0.8	1.09	15	<5	<5	1.52	<1	83	1652	39	4.65	0.33	<10	>10	473	<1	0.79	1478	40	10	30	<20	68	<0.01	<10	27	<10	<1	49
13	5002256	0.2	7.02	<5	455	<5	3.08	<1	11	60	18	3.83	1.37	10	1.51	695	7	2.62	31	780	30	5	<20	403	0.39	<10	116	<10	15	62
14	5002257	0.6	1.13	10	5	<5	0.38	<1	66	1714	33	3.66	0.34	<10	>10	207	<1	0.82	1146	30	8	25	<20	24	<0.01	<10	24	<10	<1	34
15	5002258	0.2	1.16	5	10	<5	0.26	<1	84	1728	42	4.85	0.33	<10	>10	252	1	0.80	1483	40	6	35	<20	10	<0.01	<10	26	<10	<1	42
16	5002259	0.2	1.19	10	5	<5	0.11	<1	72	1840	51	3.98	0.36	<10	>10	184	<1	0.84	1239	40	6	30	<20	6	<0.01	<10	25	<10	<1	35
17	5002260	0.2	1.15	10	5	<5	0.28	<1	75	1451	40	4.59	0.33	<10	>10	284	<1	0.79	1308	30	8	25	<20	17	<0.01	<10	24	<10	<1	36
18	5002261	<0.2	1.05	5	5	<5	0.12	<1	70	1564	39	3.95	0.34	<10	>10	204	1	0.81	1318	30	8	30	<20	4	<0.01	<10	22	<10	<1	35
19	5002262	<0.2	1.05	5	<5	<5	0.10	<1	68	1656	40	3.75	0.34	<10	>10	171	<1	0.80	1230	20	6	25	<20	5	<0.01	<10	22	<10	<1	29
20	5002263	0.2	0.68	<5	<5	<5	0.09	<1	73	774	44	4.28	0.31	<10	>10	152	<1	0.74	1311	30	10	15	<20	2	<0.01	<10	7	<10	<1	28
21	5002264	0.4	0.78	<5	5	<5	0.11	<1	84	1264	42	4.72	0.31	<10	>10	173	<1	0.74	1476	40	8	25	<20	5	<0.01	<10	10	<10	<1	29
22	5002265	9.4	0.98	5	5	<5	0.13	<1	84	1786	36	4.80	0.35	<10	>10	220	1	0.84	1312	40	8	35	<20	2	<0.01	<10	16	<10	<1	41
23	5002266	0.4	0.99	5	10	<5	0.19	<1	77	1270	28	4.66	0.32	<10	>10	233	<1	0.77	1292	70	8	25	<20	8	<0.01	<10	20	<10	<1	33
24	5002267	0.2	2.14	<5	5	<5	0.50	<1	52	196	10	9.04	0.28	<10	>10	1851	2	0.63	158	560	14	10	<20	22	0.01	<10	258	<10	1	64
25	5002268	0.2	2.17	<5	<5	<5	0.28	<1	73	977	40	8.03	0.30	<10	>10	1217	2	0.70	795	460	14	20	<20	8	0.01	<10	190	<10	<1	54

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
26	5002268	0.2	1.97	<5	<5	<5	0.25	<1	68	1013	36	7.61	0.29	<10	>10	1175	2	0.66	749	420	12	20	<20	12	0.01	<10	192	<10	<1	49
27	5002270	3.4	6.42	170	1405	<5	2.56	2	13	102	66	4.55	1.36	10	1.26	666	14	1.96	51	1030	314	60	<20	289	0.34	<10	121	<10	15	280
28	5002271	0.2	2.08	<5	<5	<5	0.52	<1	70	617	22	9.52	0.29	<10	>10	1672	2	0.67	442	280	12	15	<20	34	0.02	<10	211	<10	<1	59
29	5002272	<0.2	1.95	<5	5	<5	0.53	<1	54	398	10	9.15	0.30	<10	>10	1740	2	0.68	358	210	14	10	<20	25	0.01	<10	252	<10	<1	67
30	5002273	0.2	0.96	5	<5	<5	6.03	<1	71	1727	15	4.26	0.31	<10	>10	1187	<1	0.74	1283	30	8	30	<20	198	<0.01	<10	24	<10	<1	25
31	5002274	<0.2	0.94	5	<5	<5	3.80	<1	63	1621	18	4.22	0.33	<10	>10	818	<1	0.78	1143	40	4	25	<20	113	<0.01	<10	24	<10	<1	30
32	5002275	0.4	0.95	10	5	<5	1.51	<1	82	1633	16	4.68	0.32	<10	>10	393	1	0.77	1403	40	6	30	<20	43	<0.01	<10	25	<10	<1	38
33	5002276	<0.2	6.79	<5	430	<5	2.98	<1	11	61	17	3.71	1.00	10	1.43	650	4	2.46	30	710	30	<5	<20	380	0.36	<10	108	<10	15	54
34	5002277	0.2	1.05	10	<5	<5	0.08	<1	80	1672	18	4.28	0.34	<10	>10	158	<1	0.80	1264	30	10	30	<20	3	<0.01	<10	24	<10	<1	30
35	5002278	0.6	1.01	10	10	<5	0.15	<1	79	1572	17	4.98	0.33	<10	>10	197	1	0.80	1442	40	10	30	<20	4	<0.01	<10	23	<10	<1	41
36	5002279	0.2	1.01	10	<5	<5	0.12	<1	90	1471	16	5.15	0.34	<10	>10	193	1	0.80	1664	40	6	30	<20	3	<0.01	<10	22	<10	<1	33
37	5002280	0.2	0.96	10	<5	<5	5.22	<1	62	1421	13	4.05	0.31	<10	>10	1051	1	0.75	1122	30	6	30	<20	203	<0.01	<10	22	<10	<1	28
38	5002281	<0.2	0.93	40	<5	<5	5.04	<1	81	1688	11	4.82	0.32	<10	>10	605	<1	0.78	1361	30	6	35	<20	212	<0.01	<10	25	<10	<1	33
39	5002282	0.2	0.87	50	<5	<5	4.62	<1	74	1627	9	4.37	0.29	<10	>10	590	<1	0.74	1276	20	10	30	<20	211	<0.01	<10	23	<10	<1	27
40	5002283	<0.2	1.03	65	<5	<5	2.67	<1	85	1920	8	4.96	0.36	<10	>10	400	<1	0.86	1514	30	8	35	<20	111	<0.01	<10	29	<10	<1	41
41	5002284	<0.2	1.05	80	5	<5	3.83	<1	82	1717	5	5.08	0.35	<10	>10	580	1	0.84	1567	30	12	35	<20	148	<0.01	<10	27	<10	<1	27
42	5002285	<0.2	1.19	40	<5	<5	3.48	<1	86	1794	8	5.00	0.39	<10	>10	501	<1	0.92	1468	30	12	35	<20	132	<0.01	<10	28	<10	<1	26
43	5002286	0.2	0.97	10	5	<5	3.46	<1	66	1624	5	4.31	0.35	<10	>10	544	<1	0.83	1236	20	10	30	<20	142	<0.01	<10	24	<10	<1	27
44	5002287	<0.2	1.08	10	5	<5	2.80	<1	90	1847	3	5.48	0.38	<10	>10	408	1	0.90	1682	30	6	35	<20	90	<0.01	<10	28	<10	<1	33
45	5002288	<0.2	1.26	10	10	<5	2.21	<1	83	1760	5	5.25	0.43	<10	>10	458	1	1.00	1501	40	10	30	<20	82	<0.01	<10	30	<10	<1	31
46	5002288	<0.2	1.24	10	10	<5	2.14	<1	80	1746	4	5.17	0.42	<10	>10	439	1	0.98	1449	40	6	30	<20	79	<0.01	<10	31	<10	<1	32
47	5002290	2.0	6.15	<5	545	<5	3.18	<1	10	43	6819	8.37	1.99	<10	1.18	1015	9	1.41	25	830	52	40	<20	423	0.16	<10	85	<10	8	124
48	5002291	<0.2	1.12	15	10	<5	1.72	<1	74	1688	6	4.47	0.40	<10	>10	677	2	0.90	1198	40	4	30	<20	74	<0.01	<10	27	<10	<1	23
49	5002292	<0.2	1.00	10	10	<5	1.93	<1	86	1841	4	4.94	0.39	<10	>10	703	2	0.92	1545	30	8	35	<20	74	<0.01	<10	21	<10	<1	42
50	5002293	0.4	1.02	10	15	<5	2.11	<1	83	1747	4	5.00	0.43	<10	>10	1042	2	1.01	1599	40	8	30	<20	96	<0.01	<10	17	<10	<1	28
51	5002294	<0.2	0.96	5	15	<5	1.33	<1	84	1927	2	5.08	0.42	<10	>10	1573	1	0.97	1396	30	10	35	<20	65	<0.01	<10	20	<10	<1	36
52	5002295	<0.2	1.03	<5	5	<5	0.67	<1	88	2138	4	5.07	0.41	<10	>10	736	<1	0.96	1491	30	8	35	<20	27	<0.01	<10	22	<10	<1	35
53	5002296	0.2	7.20	5	460	<5	3.05	<1	12	60	17	3.86	1.01	<10	1.52	684	5	2.57	39	800	28	<5	<20	404	0.36	<10	106	<10	15	59
54	5002297	<0.2	1.04	5	20	<5	2.04	<1	90	1741	6	5.08	0.41	<10	>10	745	1	0.96	1594	40	8	35	<20	85	<0.01	<10	21	<10	<1	31
55	5002298	<0.2	1.20	5	15	<5	1.24	<1	85	1895	3	5.20	0.43	<10	>10	690	2	0.99	1512	40	8	35	<20	51	<0.01	<10	26	<10	<1	23
56	5002299	<0.2	1.32	5	10	<5	0.76	<1	85	2129	3	5.00	0.42	<10	>10	457	1	0.97	1583	30	8	35	<20	42	<0.01	<10	34	<10	<1	25
57	5002300	<0.2	1.33	10	20	<5	2.10	<1	79	1823	5	5.46	0.44	<10	>10	872	2	1.02	1574	50	62	35	<20	85	0.01	<10	34	<10	<1	32
58	5002301	0.4	1.31	5	10	<5	0.77	<1	97	2072	2	5.65	0.44	<10	>10	752	2	1.02	1762	30	8	40	<20	38	0.01	<10	35	<10	<1	39
59	5002302	0.3	1.27	15	10	<5	0.91	<1	94	2133	4	5.36	0.42	<10	>10	701	2	0.98	1677	40	6	40	<20	44	0.01	<10	35	<10	<1	39
60	5002303	0.2	1.19	10	25	<5	2.49	<1	93	1964	5	5.33	0.41	<10	>10	784	1	0.94	1615	40	6	40	<20	105	0.01	<10	31	<10	<1	38
61	5002304	<0.2	1.21	10	15	<5	1.16	<1	93	1649	8	5.85	0.45	<10	>10	763	1	1.05	1671	30	10	30	<20	54	<0.01	<10	26	<10	<1	41
62	5002305	<0.2	1.16	10	10	<5	3.41	<1	94	1804	6	5.07	0.37	<10	>10	669	1	0.85	1649	40	8	35	<20	134	0.01	<10	27	<10	<1	42
63	5002306	0.2	1.28	5	10	<5	3.12	<1	82	1748	7	5.17	0.40	<10	>10	610	<1	0.93	1526	40	10	40	<20	117	<0.01	<10	30	<10	<1	32
64	5002307	0.4	1.29	10	10	<5	3.27	<1	86	1970	5	4.91	0.39	<10	>10	655	1	0.91	1541	30	10	40	<20	122	<0.01	<10	34	<10	<1	36
65	5002308	0.4	1.24	<5	55	<5	6.45	<1	77	1879	5	5.07	0.40	<10	>10	1056	1	0.94	1344	40	8	40	<20	256	0.01	<10	30	<10	<1	37

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
66	5002308	0.2	1.15	<5	50	<5	6.24	<1	76	1810	6	4.76	0.37	<10	>10	1006	<1	0.88	1262	30	8	35	<20	254	<0.01	<10	27	<10	<1	35
67	5002310	4.2	7.28	15	1265	<5	1.90	2	19	111	9976	5.68	3.26	40	1.20	343	284	1.06	37	960	114	20	<20	286	0.15	<10	99	<10	12	130
68	5002311	0.2	1.54	10	25	<5	3.70	<1	115	3394	18	5.98	0.45	<10	>10	632	2	1.04	1858	50	10	65	<20	126	0.01	<10	41	<10	<1	70
69	5002312	0.4	1.37	5	10	<5	6.28	<1	97	2549	8	5.49	0.40	<10	>10	1033	2	0.95	1622	40	10	50	<20	223	0.01	<10	35	<10	<1	48
70	5002313	0.2	0.91	<5	10	<5	>10	<1	32	681	5	3.41	0.35	<10	>10	3071	1	0.82	617	20	4	20	<20	494	<0.01	<10	18	<10	<1	14
71	5002314	<0.2	0.67	<5	30	<5	>10	<1	15	98	2	2.93	0.33	<10	>10	3592	<1	0.77	237	20	4	5	<20	704	<0.01	<10	8	<10	<1	7
72	5002315	<0.2	1.22	10	15	<5	1.52	<1	94	2190	6	4.62	0.39	<10	>10	347	<1	0.89	1647	30	4	45	<20	61	<0.01	<10	32	<10	<1	33
73	5002316	<0.2	6.86	<5	470	<5	3.08	<1	12	60	20	4.04	1.08	10	1.54	701	4	2.69	31	790	30	5	<20	413	0.39	<10	117	<10	17	60
74	5002317	<0.2	1.25	10	10	<5	1.57	<1	98	1997	5	6.09	0.44	<10	>10	489	<1	1.03	1825	40	8	40	<20	50	<0.01	<10	29	<10	<1	34
75	5002318	<0.2	1.10	10	5	<5	1.06	<1	98	2149	6	5.06	0.39	<10	>10	248	<1	0.91	1878	30	4	40	<20	37	<0.01	<10	27	<10	<1	37
76	5002319	<0.2	1.13	5	10	<5	1.65	<1	88	1986	6	4.61	0.39	<10	>10	325	<1	0.89	1651	30	8	40	<20	62	<0.01	<10	25	<10	<1	30
77	5002320	<0.2	1.25	5	10	<5	2.19	<1	80	1996	5	4.60	0.41	<10	>10	380	<1	0.96	1486	30	8	35	<20	74	<0.01	<10	28	<10	<1	27
78	5002321	<0.2	1.13	5	10	<5	2.87	<1	86	2115	7	5.28	0.38	<10	>10	536	<1	0.89	1710	30	6	40	<20	87	0.01	<10	32	<10	<1	29
79	5002322	<0.2	1.21	10	15	<5	3.22	<1	101	2224	7	5.69	0.40	<10	>10	576	1	0.93	1806	40	10	50	<20	91	0.01	<10	35	<10	<1	36
80	5002323	<0.2	0.70	<5	50	<5	>10	<1	26	272	2	3.54	0.35	<10	>10	2459	1	0.82	422	30	4	10	<20	466	<0.01	<10	9	<10	<1	11
81	5002324	<0.2	1.05	5	25	<5	>10	<1	62	1233	12	4.27	0.38	<10	>10	2411	3	0.87	1111	30	<2	30	<20	313	<0.01	<10	25	<10	<1	21
82	5002325	0.2	1.15	10	10	<5	3.17	<1	115	2011	16	5.68	0.38	<10	>10	735	2	0.87	1943	30	8	40	<20	90	0.01	<10	30	<10	<1	47
83	5002326	<0.2	1.11	5	15	<5	3.06	<1	78	1933	14	4.61	0.34	<10	>10	732	1	0.81	1435	30	4	35	<20	109	<0.01	<10	32	<10	<1	33
84	5002327	<0.2	1.20	<5	25	<5	0.75	<1	73	1980	24	4.41	0.39	<10	>10	149	<1	0.94	1454	30	8	30	<20	39	<0.01	<10	36	<10	<1	30
85	5002328	0.2	1.33	5	10	<5	1.23	<1	126	2440	37	5.61	0.40	<10	>10	369	1	0.94	2284	40	10	40	<20	68	<0.01	<10	38	<10	1	46
86	5002328	<0.2	1.38	5	10	<5	1.31	<1	131	2501	39	5.90	0.42	<10	>10	396	2	0.98	2400	50	8	50	<20	71	0.01	<10	41	<10	1	51
87	5002330	3.6	6.60	180	1295	<5	2.67	2	12	107	72	4.45	1.44	10	1.31	595	13	1.87	51	970	286	50	<20	305	0.30	<10	124	<10	15	267
88	5002331	<0.2	1.13	30	175	<5	2.00	<1	67	1744	4	3.38	0.33	<10	>10	301	2	0.73	1327	90	4	40	<20	59	<0.01	<10	27	<10	<1	43
89	5002332	0.6	9.17	15	1610	<5	1.41	<1	29	187	111	6.95	1.88	20	4.96	1340	5	2.11	90	1220	38	10	<20	84	0.27	<10	190	<10	10	99
90	5002333	0.6	6.87	15	915	<5	0.98	<1	19	158	122	4.75	1.06	20	2.49	1081	10	2.34	58	800	46	10	<20	38	0.24	<10	133	<10	8	90
91	5002334	0.4	5.12	10	915	<5	1.20	<1	20	141	110	4.15	1.32	<10	1.41	946	3	1.12	35	720	98	10	<20	39	0.21	<10	95	<10	6	112
92	5002335	0.6	6.05	30	1135	<5	3.52	<1	24	155	135	4.19	1.75	<10	1.94	1450	4	1.01	45	870	122	10	<20	83	0.20	<10	126	<10	9	84
93	5002336	<0.2	7.01	<5	475	<5	3.08	<1	13	59	18	4.04	1.10	10	1.52	704	5	2.70	30	810	32	5	<20	414	0.35	<10	119	<10	16	62
94	5002337	0.6	6.91	<5	885	<5	2.08	<1	20	124	95	5.07	1.01	10	2.24	1303	4	2.61	45	910	40	10	<20	56	0.32	<10	133	<10	10	99
95	5002338	0.2	8.59	25	660	<5	2.49	<1	23	123	113	6.33	1.02	20	2.78	1544	4	3.43	58	1180	42	10	<20	82	0.36	<10	166	<10	11	100
96	5002339	0.6	5.96	<5	530	<5	1.48	1	18	139	159	4.52	0.65	10	1.79	1108	4	2.58	37	800	42	10	<20	48	0.23	<10	119	<10	9	104
97	5002340	0.2	4.68	<5	600	<5	1.91	<1	11	136	68	3.17	0.77	10	1.26	927	2	1.47	18	530	28	5	<20	50	0.19	<10	69	<10	7	60
98	5002341	0.2	6.54	5	360	<5	5.12	<1	30	174	72	6.95	0.59	<10	2.97	1715	3	2.72	57	860	40	10	<20	108	0.58	<10	191	<10	15	96
99	5002342	0.2	7.04	10	385	<5	4.84	<1	32	180	66	7.32	0.65	<10	3.21	1799	4	3.09	63	880	38	10	<20	99	0.55	<10	208	<10	15	102
100	5002343	<0.2	8.29	25	535	<5	5.58	<1	38	200	41	8.42	1.02	<10	4.69	1430	4	2.77	83	790	38	15	<20	121	0.78	<10	286	<10	23	84
101	5002344	<0.2	8.22	<5	450	<5	6.49	<1	40	204	35	8.69	0.90	<10	4.60	1423	4	3.53	86	790	30	10	<20	137	1.01	<10	292	<10	30	65
102	5002345	<0.2	8.32	10	505	<5	6.30	<1	40	200	28	8.62	1.00	<10	4.84	1421	3	2.84	84	810	28	10	<20	169	0.85	<10	291	<10	27	65
103	5002346	<0.2	8.13	<5	330	<5	6.31	<1	38	210	9	8.41	0.70	<10	4.58	1317	3	3.32	85	790	30	10	<20	193	0.92	<10	289	<10	28	70
104	5002347	<0.2	8.08	<5	335	<5	7.20	<1	38	213	5	8.40	0.74	<10	4.56	1375	4	3.01	83	770	30	15	<20	238	0.94	<10	293	<10	29	65
105	5002348	<0.2	8.40	<5	165	<5	7.47	<1	38	243	5	7.66	0.46	<10	4.47	1162	3	3.22	87	810	34	15	<20	424	0.93	<10	300	<10	30	62

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
106	5002348	<0.2	8.16	<5	160	<5	7.25	<1	34	231	6	7.49	0.44	<10	4.23	1156	3	3.14	81	780	30	10	<20	406	0.86	<10	284	<10	29	63
107	5002350	2.0	6.18	<5	565	<5	2.98	<1	8	37	6867	8.15	2.38	<10	1.15	990	9	1.31	22	840	48	30	<20	416	0.14	<10	82	<10	8	126
108	5002351	0.2	8.52	<5	365	<5	6.27	<1	39	225	51	8.57	0.73	<10	4.24	1293	3	3.08	91	860	30	10	<20	199	0.92	<10	305	<10	31	72
109	5002352	<0.2	8.64	<5	255	<5	6.80	<1	38	233	72	8.36	0.60	<10	4.84	1238	4	3.26	88	840	32	10	<20	212	0.92	<10	303	<10	32	77
110	5002353	<0.2	8.38	<5	215	<5	6.04	<1	35	217	77	7.48	0.56	<10	3.92	1172	3	2.52	80	770	36	10	<20	230	0.83	<10	299	<10	30	70
111	5002354	0.2	8.27	<5	360	<5	6.75	<1	37	224	32	8.27	0.72	<10	4.54	1188	3	3.17	88	830	30	5	<20	214	0.87	<10	293	<10	29	70
112	5002355	0.2	8.09	<5	285	<5	6.22	<1	35	205	33	7.74	0.64	<10	4.56	1102	3	3.16	81	790	32	10	<20	153	0.86	<10	286	<10	29	69
113	5002356	0.2	7.07	<5	495	<5	3.06	<1	12	62	20	4.00	1.01	10	1.58	701	5	2.60	30	760	30	<5	<20	390	0.38	<10	116	<10	17	61
114	5002357	<0.2	8.59	5	410	<5	3.85	<1	43	210	30	8.74	0.77	<10	3.76	1328	3	1.48	97	910	36	25	<20	86	0.89	<10	304	<10	25	76
115	5002358	0.2	7.59	15	675	<5	6.42	<1	29	115	54	6.43	1.60	<10	3.44	1438	3	0.77	56	730	46	15	<20	111	0.46	<10	229	<10	16	119
116	5002359	0.6	5.05	40	550	<5	5.26	<1	24	206	48	3.85	1.51	<10	2.58	890	2	0.52	59	300	22	10	<20	158	0.27	<10	163	<10	9	69
117	5002360	0.6	7.32	65	1050	<5	5.76	<1	42	205	55	8.29	2.27	<10	3.40	1426	4	0.79	105	880	34	30	<20	148	0.62	<10	244	<10	12	81
118	5002361	0.6	6.65	25	450	<5	4.86	<1	23	163	164	6.19	2.34	<10	3.83	1173	2	0.75	56	370	24	15	<20	216	0.18	<10	207	<10	10	75
119	5002362	0.6	6.97	40	505	<5	5.10	<1	28	181	172	6.74	2.50	<10	3.87	1211	2	0.78	62	400	26	15	<20	212	0.20	<10	212	<10	10	91
120	5002363	5.8	1.71	30	55	<5	1.60	<1	10	152	113	2.82	0.61	<10	0.83	307	<1	0.15	28	90	44	20	<20	57	0.03	<10	56	<10	2	191
121	5002364	<0.2	6.81	<5	435	<5	2.76	<1	10	57	17	3.71	1.00	<10	1.37	622	4	2.60	27	750	30	<5	<20	381	0.34	<10	112	<10	15	56
122	5002365	0.2	8.31	<5	265	<5	4.73	<1	36	210	<1	7.70	0.74	<10	3.50	1816	3	0.77	86	880	106	35	<20	77	0.72	<10	295	<10	22	128
123	5002366	0.2	7.94	25	310	<5	7.37	<1	37	207	<1	8.54	0.47	<10	3.96	1271	4	2.55	82	790	26	10	<20	264	0.89	<10	304	<10	31	53
124	5002367	<0.2	8.69	<5	270	<5	4.36	<1	34	178	6	7.85	0.55	<10	3.82	1083	3	2.14	75	880	32	10	<20	123	0.98	<10	317	<10	29	55
125	5002368	<0.2	9.04	<5	310	<5	5.84	<1	39	207	2	9.11	0.83	<10	4.55	1385	3	2.13	86	920	34	10	<20	132	0.78	<10	316	<10	32	67
126	5002368	0.2	8.66	<5	295	<5	5.53	<1	38	193	2	9.27	0.75	<10	4.44	1382	4	1.94	79	860	28	5	<20	120	0.81	<10	304	<10	33	60
127	5002370	4.0	7.89	15	1275	<5	1.88	2	19	116	9977	5.58	3.32	40	1.18	348	289	1.19	32	990	108	20	<20	289	0.15	<10	103	<10	12	135
128	5002371	<0.2	8.30	<5	395	<5	5.46	<1	33	213	9	7.15	0.95	<10	3.25	1129	3	1.26	82	790	28	15	<20	104	0.68	<10	282	<10	27	57
129	5002372	0.2	8.13	<5	175	<5	6.52	<1	36	216	<1	7.91	0.55	<10	4.67	1325	3	3.11	84	820	30	10	<20	188	0.86	<10	288	<10	30	66
130	5002373	0.2	7.52	<5	330	<5	5.67	<1	35	201	<1	7.34	0.95	<10	4.28	1259	3	1.87	80	750	30	10	<20	139	0.56	<10	248	<10	23	64
131	5002374	<0.2	8.24	<5	185	<5	5.66	<1	32	217	<1	7.42	0.61	<10	4.37	975	3	3.07	78	750	28	10	<20	157	0.79	<10	295	<10	31	60
132	5002375	<0.2	7.67	<5	150	<5	6.08	<1	35	206	<1	7.71	0.49	<10	4.06	1118	3	3.19	82	760	30	10	<20	175	0.85	<10	268	<10	27	62
133	5002376	<0.2	7.08	<5	475	<5	3.03	<1	13	61	19	4.01	1.01	<10	1.55	685	5	2.72	34	770	30	5	<20	406	0.36	<10	122	<10	16	68
134	5002377	<0.2	8.24	<5	155	<5	6.25	<1	34	227	<1	7.68	0.60	<10	4.74	1165	2	3.20	82	770	30	5	<20	136	0.87	<10	304	<10	31	60
135	5002378	<0.2	8.48	<5	145	<5	7.71	<1	41	197	33	8.91	0.61	<10	4.62	1355	4	3.28	93	930	36	10	<20	115	1.07	<10	328	<10	31	72
136	5002379	<0.2	8.50	<5	120	<5	5.38	<1	35	200	33	7.95	0.49	<10	4.31	1383	3	3.42	80	830	28	10	<20	132	0.90	<10	301	<10	32	68
137	5002380	<0.2	9.23	<5	210	<5	1.85	<1	46	205	51	9.92	0.60	<10	4.01	1263	4	0.89	103	1070	38	20	<20	49	0.72	<10	308	<10	23	89
138	5002381	<0.2	9.28	<5	195	<5	1.91	<1	40	218	55	7.72	0.46	<10	3.63	994	3	1.05	89	890	30	20	<20	62	0.76	<10	319	<10	21	75
139	5002382	0.2	8.81	5	210	<5	2.07	<1	41	200	58	7.77	0.47	<10	3.53	1005	4	1.02	87	890	36	20	<20	55	0.77	<10	311	<10	20	75
140	5002383	0.2	8.72	<5	140	<5	6.73	<1	36	287	36	7.94	0.52	<10	4.48	1258	3	2.32	94	750	30	15	<20	302	0.83	<10	314	<10	30	64
141	5002384	<0.2	7.33	10	270	<5	4.78	<1	40	273	16	7.30	0.74	<10	3.53	1496	3	0.71	106	770	38	45	<20	92	0.59	<10	277	<10	21	83
142	5002385	<0.2	7.70	<5	250	<5	6.53	<1	43	315	33	8.22	0.71	<10	4.41	1382	3	2.67	130	800	28	10	<20	117	0.85	<10	291	<10	27	68
143	5002386	0.2	7.56	<5	225	<5	6.62	<1	44	323	41	8.59	0.73	<10	5.38	1484	3	3.03	126	820	26	10	<20	102	0.88	<10	295	<10	30	74
144	5002387	0.2	8.08	<5	195	<5	7.25	<1	44	328	5	8.83	0.75	<10	5.84	1400	4	3.18	127	840	34	10	<20	103	0.89	<10	305	<10	30	77
145	5002388	0.2	7.70	<5	180	<5	7.41	<1	46	327	16	9.08	0.72	<10	5.53	1443	3	2.81	135	870	32	10	<20	96	0.92	<10	295	<10	29	79

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
146	5002388	0.2	7.83	<5	180	<5	7.10	<1	42	326	16	8.53	0.72	<10	5.66	1377	3	2.97	129	830	30	15	<20	100	0.89	<10	300	<10	30	71
147	5002390	3.4	6.57	185	1335	<5	2.62	2	12	100	70	4.47	1.38	10	1.29	625	15	1.89	49	1030	316	50	<20	310	0.31	<10	126	<10	16	282
148	5002391	<0.2	7.31	<5	170	<5	5.85	<1	36	302	6	7.08	0.66	<10	5.26	1119	2	2.71	102	670	26	10	<20	110	0.72	<10	280	<10	28	59
149	5002392	<0.2	7.57	15	405	<5	5.96	<1	39	233	12	8.51	1.06	<10	4.11	1394	3	1.72	99	810	30	15	<20	146	0.67	<10	276	<10	25	69
150	5002393	0.4	5.73	55	155	<5	7.16	<1	26	190	33	5.21	2.06	<10	4.09	1346	1	0.67	71	320	24	10	<20	271	0.11	<10	186	<10	12	53
151	5002394	0.2	7.36	25	400	<5	6.17	<1	38	303	82	7.32	1.32	<10	4.82	1172	3	1.47	113	660	32	10	<20	157	0.54	<10	277	<10	20	69
152	5002395	0.2	7.37	<5	205	<5	6.61	<1	40	322	65	7.74	0.72	<10	5.12	1253	3	2.28	119	710	28	10	<20	97	0.73	<10	282	<10	26	77
153	5002396	0.2	7.00	<5	475	<5	3.13	<1	11	63	18	3.86	1.00	10	1.49	679	5	2.44	30	800	32	<5	<20	422	0.38	<10	121	<10	16	60
154	5002397	0.2	7.83	<5	170	<5	7.72	<1	46	343	16	8.96	0.72	<10	5.96	1473	3	3.32	134	800	30	10	<20	88	0.88	<10	305	<10	29	78
155	5002398	<0.2	7.25	<5	195	<5	5.88	<1	36	338	36	7.14	0.63	<10	5.59	1318	2	2.55	108	630	34	10	<20	105	0.65	<10	283	<10	27	92
156	5002399	0.4	7.78	<5	175	<5	6.49	<1	42	254	46	8.75	0.48	<10	5.17	1375	3	3.06	109	860	34	10	<20	127	0.79	<10	273	<10	26	81
157	5002400	0.4	7.92	<5	125	<5	6.43	<1	41	264	48	8.50	0.57	<10	5.32	1227	3	3.09	109	820	32	10	<20	130	0.88	<10	281	<10	30	75
158	5002401	0.2	7.85	<5	185	<5	7.03	<1	41	304	64	8.76	0.78	<10	5.79	1279	3	2.84	118	800	30	10	<20	113	0.88	<10	288	<10	30	70
159	5002402	0.2	7.69	<5	185	<5	7.20	<1	45	299	55	9.02	0.76	<10	5.70	1334	3	2.79	122	830	30	10	<20	111	0.91	<10	293	<10	30	75
160	5002403	0.4	7.79	<5	140	<5	8.09	<1	38	309	34	7.98	0.62	<10	5.25	1229	2	2.70	107	790	30	10	<20	397	0.81	<10	271	<10	30	69
161	5002404	0.2	7.56	5	170	<5	6.19	<1	35	279	11	7.10	0.69	<10	5.18	1183	2	2.33	97	690	26	10	<20	122	0.70	<10	268	<10	28	57
162	5002405	0.2	8.14	<5	160	<5	6.80	<1	38	270	6	8.04	0.76	<10	5.40	1257	2	2.84	101	790	28	5	<20	190	0.86	<10	295	<10	32	67
163	5002406	0.2	8.12	<5	175	<5	7.14	<1	42	245	34	8.91	0.79	<10	5.13	1252	3	2.89	106	880	36	10	<20	199	1.00	<10	290	<10	31	75
164	5002407	0.2	8.02	<5	145	<5	6.58	<1	34	237	26	7.29	0.63	<10	4.94	1106	2	2.82	89	800	32	10	<20	170	0.80	<10	272	<10	31	62
165	5002408	<0.2	8.25	<5	160	<5	7.26	<1	40	249	11	8.54	0.74	<10	5.21	1305	3	2.83	104	860	34	10	<20	164	0.91	<10	289	<10	32	72
166	5002408	0.2	8.16	<5	155	<5	6.96	<1	39	245	10	8.28	0.74	<10	5.13	1267	3	3.05	100	840	32	10	<20	160	0.89	<10	287	<10	31	69
167	5002410	2.0	6.04	<5	580	<5	3.05	<1	11	40	6885	8.33	2.20	<10	1.08	1018	12	1.43	26	850	58	40	<20	410	0.17	<10	87	<10	9	130
168	5002411	0.4	7.85	<5	170	<5	6.21	<1	35	273	25	7.26	0.76	<10	5.46	1175	2	2.75	94	710	32	5	<20	121	0.75	<10	280	<10	30	64
QC DATA:																														
Repeat:																														
1	5002244	0.6	8.30	5	1815	<5	1.44	<1	16	139	50	4.54	2.95	20	2.39	399	3	0.51	45	740	48	5	<20	102	0.15	<10	97	<10	8	106
10	5002253	0.4	1.29	25	10	<5	0.49	<1	82	1592	82	4.48	0.34	<10	>10	271	<1	0.81	1562	40	8	25	<20	34	<0.01	<10	30	<10	<1	69
19	5002262	0.2	0.99	5	5	<5	0.09	<1	56	1621	37	3.59	0.32	<10	>10	166	<1	0.77	1212	20	6	25	<20	6	<0.01	<10	23	<10	<1	26
36	5002279	<0.2	1.04	10	<5	<5	0.10	<1	83	1509	15	5.27	0.35	<10	>10	182	<1	0.82	1643	40	8	30	<20	4	<0.01	<10	23	<10	<1	31
45	5002288	<0.2	1.31	10	10	<5	2.13	<1	89	1791	3	5.29	0.45	<10	>10	472	2	1.04	1488	40	8	35	<20	83	<0.01	<10	31	<10	<1	29
54	5002297	<0.2	1.01	5	20	<5	1.97	<1	83	1691	4	4.93	0.40	<10	>10	730	<1	0.93	1521	30	10	35	<20	84	<0.01	<10	21	<10	<1	29
71	5002314	<0.2	0.66	<5	30	<5	>10	<1	15	102	1	2.96	0.33	<10	>10	3541	1	0.78	244	20	6	10	<20	713	<0.01	<10	9	<10	<1	9
80	5002323	<0.2	0.68	<5	50	<5	>10	<1	29	259	3	3.71	0.35	<10	>10	2528	2	0.81	433	30	2	15	<20	451	<0.01	<10	9	<10	<1	11
89	5002332	0.4	9.29	15	1675	<5	1.29	<1	27	191	111	6.88	1.88	20	5.02	1292	5	1.99	86	1140	32	10	<20	85	0.28	<10	196	<10	12	95
106	5002348	<0.2	8.08	<5	155	<5	7.37	<1	37	232	6	7.56	0.40	<10	4.19	1209	3	3.29	84	800	32	10	<20	404	0.87	<10	289	<10	29	58
115	5002358	0.2	7.75	20	685	<5	6.60	<1	33	118	55	6.50	1.65	<10	3.46	1454	3	0.80	60	750	50	20	<20	111	0.48	<10	241	<10	16	123
124	5002367	0.2	8.88	<5	290	<5	4.24	<1	37	185	8	8.17	0.57	<10	4.04	1149	3	2.22	79	910	32	10	<20	128	1.02	<10	324	<10	30	60
141	5002384	0.2	7.22	5	265	<5	4.69	<1	38	268	17	7.26	0.73	<10	3.47	1458	2	0.70	102	740	36	45	<20	89	0.58	<10	268	<10	21	76
150	5002393	0.2	5.63	50	145	<5	6.94	<1	24	178	32	5.16	2.01	<10	4.10	1295	1	0.65	66	300	24	10	<20	269	0.10	<10	174	<10	11	47
159	5002402	0.2	7.84	<5	195	<5	7.07	<1	40	308	63	8.92	0.80	<10	5.85	1360	3	2.92	117	790	32	10	<20	113	0.89	<10	303	<10	30	69

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
Resplit:																														
1	5002244	0.4	9.03	10	1915	<5	1.48	<1	22	161	50	4.83	2.57	20	2.60	478	5	0.96	60	800	60	10	<20	118	0.12	<10	107	<10	7	129
36	5002279	<0.2	1.08	5	10	<5	0.13	<1	79	1537	18	4.85	0.37	<10	>10	180	1	0.85	1580	30	8	30	<20	3	<0.01	<10	23	<10	<1	31
71	5002314	<0.2	0.66	<5	35	<5	>10	<1	15	97	2	3.03	0.33	<10	>10	3419	<1	0.77	243	20	4	5	<20	735	<0.01	<10	7	<10	<1	6
106	5002348	0.2	8.18	<5	155	<5	7.27	<1	34	232	6	7.39	0.42	<10	4.30	1142	3	3.25	79	760	28	10	<20	416	0.84	<10	292	<10	30	55
141	5002384	0.2	7.16	10	275	<5	4.84	<1	37	254	15	7.18	0.71	<10	3.54	1453	2	0.68	101	750	42	45	<20	93	0.59	<10	261	<10	20	79
Standard:																														
Stsd3		0.5	5.87	25	1360	<5	2.43	<1	15	61	31	4.25	1.39	30	1.34	2461	6	1.25	31	1720	38	10	<20	354	0.31	<10	114	<10	29	196
Stsd3		0.4	5.72	25	1360	<5	2.38	<1	15	60	32	4.20	1.36	30	1.35	2462	7	1.20	34	1730	40	10	<20	341	0.32	<10	109	<10	29	202
Stsd3		0.4	5.88	25	1420	<5	2.42	<1	17	63	32	4.28	1.37	30	1.31	2495	7	1.18	34	1690	44	10	<20	358	0.29	<10	118	<10	30	195
Stsd3		0.5	5.77	20	1330	<5	2.43	<1	14	58	32	4.15	1.41	30	1.30	2563	7	1.20	32	1660	42	5	<20	343	0.30	<10	118	<10	29	191
Stsd3		0.4	5.88	30	1410	<5	2.34	<1	18	61	34	4.11	1.45	40	1.33	2551	9	1.18	32	1670	38	5	<20	358	0.31	<10	112	<10	30	208

ICP: 4 ACID DIGEST/ ICP AES FINISH
AG: 4 ACID DIGEST/ AA-FINISH

JJ/ap/nw
df/td8584as/td8584bs
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AK 2008-8580

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

8-Nov-08

No. of samples received: 128
Sample Type:
Project: H1005
Shipment #: 2008/0004
Submitted by: Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
1	5002412	<0.03	<0.001	
2	5002413	<0.03	<0.001	
3	5002414	<0.03	<0.001	
4	5002415	<0.03	<0.001	
5	5002416	<0.03	<0.001	
6	5002417	<0.03	<0.001	
7	5002418	<0.03	<0.001	
8	5002419	<0.03	<0.001	
9	5002420	<0.03	<0.001	
10	5002421	<0.03	<0.001	
11	5002422	<0.03	<0.001	
12	5002423	<0.03	<0.001	
13	5002424	<0.03	<0.001	
14	5002425	<0.03	<0.001	
15	5002426	<0.03	<0.001	
16	5002427	<0.03	<0.001	
17	5002428	<0.03	<0.001	
18	5002428 Dup	<0.03	<0.001	
19	5002430	1.39	0.041	
20	5002431	<0.03	<0.001	
21	5002432	<0.03	<0.001	
22	5002433	<0.03	<0.001	
23	5002434	<0.03	<0.001	
24	5002435	<0.03	<0.001	
25	5002436	<0.03	<0.001	
26	5002437	<0.03	<0.001	
27	5002438	<0.03	<0.001	
28	5002439	<0.03	<0.001	
29	5002440	<0.03	<0.001	
30	5002441	<0.03	<0.001	
31	5002442	<0.03	<0.001	
32	5002443	<0.03	<0.001	

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Hawthorne Gold Corp AW8-8580

08-Nov-08

ET #.	Tag #		Au (g/t)	Au (oz/t)	Zn (%)
33	5002444		<0.03	<0.001	
34	5002445		<0.03	<0.001	
35	5002446		<0.03	<0.001	
36	5002447		<0.03	<0.001	
37	5002448		<0.03	<0.001	
38	5002448 Dup		<0.03	<0.001	
39	5002450		3.50	0.102	
40	5002451		<0.03	<0.001	
41	5002452		<0.03	<0.001	
42	5002453		<0.03	<0.001	
43	5002454		<0.03	<0.001	
44	5002455		<0.03	<0.001	
45	5002456		<0.03	<0.001	
46	5002457		<0.03	<0.001	
47	5002458	*	0.56	0.016	
48	5002459		0.04	0.001	
49	5002460		<0.03	<0.001	
50	5002461		<0.03	<0.001	
51	5002462		<0.03	<0.001	
52	5002463		<0.03	<0.001	
53	5002464		<0.03	<0.001	
54	5002465		<0.03	<0.001	
55	5002466		<0.03	<0.001	
56	5002467		<0.03	<0.001	
57	5002468		<0.03	<0.001	
58	5002468 Dup		<0.03	<0.001	
59	5002470		0.76	0.022	
60	5002471		<0.03	<0.001	
61	5002472		<0.03	<0.001	
62	5002473		<0.03	<0.001	
63	5002474		<0.03	<0.001	
64	5002475		<0.03	<0.001	
65	5002476		<0.03	<0.001	
66	5002477		<0.03	<0.001	
67	5002478		<0.03	<0.001	
68	5002479		<0.03	<0.001	
69	5002480		<0.03	<0.001	
70	5002481		<0.03	<0.001	
71	5002482		0.03	0.001	
72	5002483		0.03	0.001	

Based on 150g

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B.C. Certified Assayer

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Hawthorne Gold Corp AW8-8580 8-Nov-08

ET #	Tag #		Au (g/t)	Au (oz/t)	Zn (%)
73	5002484		<0.03	<0.001	
74	5002485		<0.03	<0.001	
75	5002486		<0.03	<0.001	
76	5002487		<0.03	<0.001	
77	5002488		0.59	0.017	
78	5002488 Dup		0.59	0.017	
79	5002490		1.44	0.042	
80	5002491		18.6	0.542	
81	5002492		9.84	0.287	
82	5002493		8.47	0.247	
83	5002494		0.41	0.012	
84	5002495		<0.03	<0.001	
85	5002496		<0.03	<0.001	
86	5002497		0.20	0.006	
87	5002498		2.80	0.082	
88	5002499		3.35	0.098	
89	5002500	*	82.7	2.411	1.24
90	5002501	*	12.6	0.367	
91	5002502		10.0	0.292	
92	5002503	*	8.47	0.247	
93	5002504		<0.03	<0.001	
94	5002505		0.06	0.002	
95	5002506		<0.03	<0.001	
96	5002507		<0.03	<0.001	
97	5002508		<0.03	<0.001	
98	5002508 Dup		<0.03	<0.001	
99	5002510		3.40	0.099	
100	5002511		<0.03	<0.001	
101	5002512		<0.03	<0.001	
102	5002513		<0.03	<0.001	
103	5002514		<0.03	<0.001	
104	5002515		<0.03	<0.001	
105	5002516		<0.03	<0.001	
106	5002517		<0.03	<0.001	
107	5002518		<0.03	<0.001	
108	5002519		<0.03	<0.001	
109	5002520		<0.03	<0.001	
110	5002521		<0.03	<0.001	
111	5002522		<0.03	<0.001	
112	5002523		<0.03	<0.001	

* Metallic Assay

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Hawthorne Gold Corp AW8-8580 08-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
113	5002524	<0.03	<0.001	
114	5002525	<0.03	<0.001	
115	5002526	<0.03	<0.001	
116	5002527	<0.03	<0.001	
117	5002528	<0.03	<0.001	
118	5002528 Dup	<0.03	<0.001	
119	5002530	0.70	0.020	
120	5002531	<0.03	<0.001	
121	5002532	<0.03	<0.001	
122	5002533	<0.03	<0.001	
123	5002534	<0.03	<0.001	
124	5002535	<0.03	<0.001	
125	5002536	<0.03	<0.001	
126	5002537	<0.03	<0.001	
127	5002538	<0.03	<0.001	
128	5002539	<0.03	<0.001	

QC DATA:

Repeat:

1	5002412	<0.03	<0.001	
10	5002421	<0.03	<0.001	
26	5002437	<0.03	<0.001	
36	5002447	<0.03	<0.001	
54	5002465	<0.03	<0.001	
71	5002482	<0.03	<0.001	
80	5002491	17.9	0.522	
81	5002492	9.25	0.270	
82	5002493	8.76	0.255	
83	5002494	0.45	0.013	
86	5002497	0.19	0.006	
87	5002498	2.65	0.077	
88	5002499	2.85	0.083	
89	5002500			1.22
106	5002517	<0.03	<0.001	
115	5002526	<0.03	<0.001	
124	5002535	<0.03	<0.001	

Resplit:

1	5002412	<0.03	<0.001	
36	5002447	<0.03	<0.001	
106	5002517	<0.03	<0.001	

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Hawthorne Gold Corp AW8-8580 8-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
Standard:				
Oxi67		1.83	0.053	
Oxi67		1.80	0.052	
Oxi67		1.82	0.053	
Oxi67		1.84	0.054	
SN26		8.55	0.249	
SN26		8.56	0.250	
Pb129				2.01

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JJ/ndw
XLS/08

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-8580

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 128
Sample Type:
Project: H1005
Shipment #: 2008/0004
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
81	5002492	2.64
82	5002493	2.69
83	5002494	2.70
84	5002495	2.65
86	5002497	2.71
87	5002498	2.86
88	5002499	2.82
89	5002500	2.68
90	5002501	2.72
92	5002503	2.61
94	5002505	2.76
95	5002506	2.77
96	5002507	2.74

QC DATA:

Repeat:

81	5002492	2.66

Standard:

SG-1	2.61

ECO TECH LABORATORY LTD.
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JJ/nw
XLS/07

12-Nov-08

Alex Stewart Geochemical
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2008- 8580
Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 128
Sample Type:
Project: H1005
Shipment #: 2008/0004
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
1	5002412	1.2	8.01	<5	1440	<5	3.82	2	16	174	68	4.40	3.18	20	2.40	726	19	0.97	64	910	60	10	<20	313	0.12	<10	173	<10	10	192
2	5002413	0.6	3.04	<5	680	<5	2.09	9	3	253	37	1.71	1.05	10	1.06	232	3	0.71	21	520	20	5	<20	272	0.04	<10	44	<10	4	572
3	5002414	1.6	7.73	5	530	<5	3.54	3	15	196	73	3.65	3.18	30	2.15	527	45	0.86	69	960	48	10	<20	382	0.12	<10	268	<10	11	228
4	5002415	1.0	6.39	<5	1280	<5	2.74	2	11	204	87	3.40	2.61	20	2.93	484	39	0.52	72	840	40	5	<20	302	0.11	<10	164	<10	10	207
5	5002416	0.2	6.99	<5	450	<5	3.21	<1	12	62	18	3.44	1.03	<10	1.46	676	5	2.67	31	770	30	<5	<20	400	0.34	<10	108	<10	14	66
6	5002417	1.2	6.80	15	1245	<5	4.35	2	19	307	107	4.19	2.62	20	3.68	574	32	0.76	201	730	44	15	<20	492	0.09	<10	135	<10	10	206
7	5002418	0.4	1.91	30	25	<5	1.31	<1	80	1511	42	3.94	0.36	<10	>10	394	1	0.81	1543	60	12	30	<20	136	<0.01	<10	35	<10	<1	93
8	5002419	0.4	1.36	<5	10	<5	0.34	<1	75	1674	74	4.17	0.36	<10	>10	299	<1	0.83	1451	60	14	30	<20	29	<0.01	<10	27	<10	<1	62
9	5002420	0.4	1.57	5	10	<5	0.21	<1	65	1339	32	4.57	0.37	<10	>10	405	<1	0.86	1243	60	12	25	<20	16	<0.01	<10	25	<10	<1	56
10	5002421	0.4	1.19	5	10	<5	2.17	<1	71	1297	20	4.83	0.34	<10	>10	420	<1	0.83	1431	50	10	20	<20	122	<0.01	<10	23	<10	<1	41
11	5002422	0.2	1.29	10	10	<5	1.77	<1	79	1375	22	4.78	0.36	<10	>10	391	<1	0.85	1415	60	12	30	<20	107	<0.01	<10	24	<10	<1	40
12	5002423	0.2	1.29	10	10	<5	0.83	<1	80	1515	23	4.74	0.35	<10	>10	262	1	0.83	1485	50	10	25	<20	55	<0.01	<10	29	<10	<1	36
13	5002424	0.4	1.20	<5	10	<5	0.27	<1	84	1706	10	4.94	0.36	<10	>10	159	<1	0.85	1620	50	12	30	<20	21	<0.01	<10	30	<10	<1	52
14	5002425	0.6	1.03	<5	5	<5	0.37	<1	52	953	6	3.77	0.34	<10	>10	142	<1	0.80	937	50	12	15	<20	18	<0.01	<10	15	<10	<1	42
15	5002426	0.4	1.22	<5	5	<5	6.64	<1	57	1440	6	4.24	0.32	<10	>10	1161	<1	0.77	1139	50	12	25	<20	357	<0.01	<10	23	<10	<1	25
16	5002427	0.4	0.99	<5	5	<5	8.66	<1	66	1346	3	4.48	0.32	<10	>10	1258	<1	0.77	1285	40	10	25	<20	357	<0.01	<10	21	<10	<1	43
17	5002428	0.2	1.11	10	5	<5	4.19	<1	86	1785	4	5.09	0.36	<10	>10	737	<1	0.86	1615	50	10	30	<20	156	<0.01	<10	26	<10	<1	49
18	5002428	0.4	1.13	<5	5	<5	4.01	<1	81	1812	6	4.91	0.37	<10	>10	724	<1	0.88	1588	50	10	30	<20	157	<0.01	<10	25	<10	<1	54
19	5002430	4.0	7.77	20	1320	<5	1.92	2	19	108	9987	5.40	3.28	40	1.11	349	292	1.17	39	1010	110	20	<20	289	0.17	<10	98	<10	11	130
20	5002431	0.6	1.21	5	10	<5	3.59	<1	82	1793	9	5.01	0.38	<10	>10	689	<1	0.90	1536	50	10	30	<20	131	<0.01	<10	25	<10	<1	35
21	5002432	0.2	1.12	<5	10	<5	6.75	<1	79	1811	5	5.01	0.36	<10	>10	1082	<1	0.87	1451	60	10	30	<20	230	<0.01	<10	25	<10	<1	37
22	5002433	0.4	1.19	<5	10	<5	6.20	<1	84	1892	5	5.01	0.36	<10	>10	982	<1	0.88	1635	60	12	30	<20	219	0.02	<10	30	<10	<1	36
23	5002434	0.2	1.02	<5	<5	<5	>10	<1	71	1761	5	4.74	0.30	<10	>10	1533	<1	0.74	1335	50	8	30	<20	337	<0.01	<10	28	<10	<1	28
24	5002435	0.4	1.18	<5	15	<5	4.75	<1	80	1858	7	4.84	0.35	<10	>10	895	<1	0.85	1498	50	12	30	<20	168	<0.01	<10	26	<10	<1	31
25	5002436	*																												

* No sample in bag

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
26	5002437	0.6	1.00	<5	10	<5	7.99	<1	67	1653	5	4.39	0.30	<10	>10	1429	<1	0.75	1259	40	12	25	<20	268	<0.01	<10	26	<10	<1	25
27	5002438	0.4	0.93	<5	10	<5	>10	<1	63	1468	2	4.34	0.29	<10	>10	1946	<1	0.74	1173	40	10	30	<20	370	<0.01	<10	20	<10	<1	26
28	5002439	0.2	1.06	<5	10	<5	4.50	<1	90	2038	3	5.17	0.35	<10	>10	839	<1	0.86	1693	50	14	35	<20	152	<0.01	<10	26	<10	<1	44
29	5002440	0.4	1.11	<5	10	<5	4.61	<1	74	1875	6	5.09	0.35	<10	>10	827	<1	0.86	1421	50	8	35	<20	153	<0.01	<10	28	<10	<1	41
30	5002441	0.2	1.01	<5	10	<5	7.95	<1	74	1566	6	4.50	0.32	<10	>10	1204	<1	0.78	1380	50	12	30	<20	280	<0.01	<10	28	<10	<1	27
31	5002442	<0.2	0.98	<5	20	<5	8.40	<1	66	1454	6	4.18	0.33	<10	>10	1266	<1	0.81	1294	40	8	20	<20	313	<0.01	<10	24	<10	<1	22
32	5002443	0.4	1.12	<5	10	<5	5.46	<1	78	1746	8	4.75	0.36	<10	>10	827	<1	0.89	1484	50	10	35	<20	173	<0.01	<10	27	<10	<1	40
33	5002444	0.2	1.25	10	20	<5	2.99	<1	90	1812	5	5.51	0.40	<10	>10	625	<1	0.98	1744	60	14	35	<20	95	0.01	<10	28	<10	<1	32
34	5002445	0.6	1.30	10	10	<5	2.51	<1	87	1922	5	5.56	0.40	<10	>10	532	1	0.99	1669	60	10	35	<20	74	<0.01	<10	30	<10	<1	38
35	5002446	0.2	1.31	10	15	<5	3.48	<1	93	1971	7	5.52	0.42	<10	>10	667	<1	1.00	1708	60	10	35	<20	101	<0.01	<10	29	<10	<1	34
36	5002447	0.2	1.36	10	15	<5	3.05	<1	90	1983	6	5.66	0.41	<10	>10	580	<1	0.99	1746	60	12	40	<20	83	0.01	<10	32	<10	<1	46
37	5002448	<0.2	1.23	10	10	<5	2.83	<1	94	2159	8	5.82	0.41	<10	>10	631	<1	0.97	1884	70	12	35	<20	70	<0.01	<10	34	<10	<1	52
38	5002448	<0.2	1.20	10	10	<5	2.83	<1	95	2133	7	5.86	0.39	<10	>10	643	<1	0.94	1912	60	10	35	<20	70	<0.01	<10	33	<10	<1	48
39	5002450	3.6	6.71	170	1350	<5	2.60	2	14	111	75	4.50	1.40	20	1.41	649	20	2.01	51	1040	310	60	<20	291	0.34	<10	131	<10	16	277
40	5002451	<0.2	1.25	10	10	<5	3.60	<1	91	1896	9	5.58	0.41	<10	>10	819	<1	0.97	1795	70	10	35	<20	96	0.01	<10	29	<10	<1	39
41	5002452	<0.2	1.59	15	15	<5	3.89	<1	84	1820	5	5.34	0.43	<10	>10	751	1	1.02	1644	60	12	30	<20	110	0.02	<10	37	<10	<1	32
42	5002453	<0.2	1.24	15	10	<5	3.68	<1	89	1769	5	5.37	0.38	<10	>10	672	<1	0.89	1652	60	12	30	<20	109	<0.01	<10	32	<10	1	44
43	5002454	0.2	1.13	10	5	<5	2.77	<1	83	1873	11	4.63	0.34	<10	>10	497	<1	0.82	1719	50	10	35	<20	104	<0.01	<10	32	<10	1	55
44	5002455	<0.2	1.32	10	10	<5	0.40	<1	79	2141	23	4.12	0.35	<10	>10	216	<1	0.85	1777	160	8	35	<20	13	<0.01	<10	35	<10	<1	51
45	5002456	0.2	7.32	<5	470	<5	3.21	<1	12	68	19	3.61	1.06	<10	1.46	716	5	2.61	32	750	30	5	<20	402	0.39	<10	110	<10	15	59
46	5002457	<0.2	1.66	10	20	<5	1.42	<1	67	1563	29	4.00	0.33	<10	>10	541	1	0.79	1357	130	20	55	<20	46	0.01	<10	34	<10	<1	61
47	5002458	<0.2	>10	<5	3825	<5	0.82	<1	60	445	<1	>10	2.77	<10	9.54	2973	5	0.92	201	1200	44	10	<20	12	0.74	<10	278	<10	12	177
48	5002459	0.2	>10	<5	5275	<5	5.72	<1	43	402	92	7.22	3.29	<10	4.23	1729	4	1.92	126	1030	50	10	<20	150	0.48	<10	248	<10	13	132
49	5002460	<0.2	>10	<5	4075	<5	7.84	<1	48	372	99	7.67	2.70	<10	3.39	1630	4	2.72	122	1020	50	10	<20	195	0.55	<10	223	<10	12	181
50	5002461	<0.2	>10	10	3220	<5	7.58	<1	46	397	79	7.88	2.14	<10	2.77	1761	4	3.53	116	1290	50	10	<20	183	0.62	<10	205	<10	15	114
51	5002462	0.2	>10	10	3285	<5	8.05	<1	51	365	94	8.25	2.15	<10	2.69	1849	4	3.38	131	1410	52	10	<20	189	0.70	<10	205	<10	14	130
52	5002463	0.4	9.54	25	745	<5	5.35	<1	43	376	106	6.75	0.73	<10	2.84	1770	45	3.89	107	940	36	10	<20	160	0.61	<10	193	<10	19	126
53	5002464	0.2	3.46	10	335	<5	1.17	<1	12	167	34	2.21	0.38	20	1.13	849	24	1.54	44	520	30	<5	<20	35	0.22	<10	50	<10	11	77
54	5002465	0.4	3.78	10	535	<5	0.82	<1	11	185	36	2.35	0.53	20	1.17	872	47	1.42	46	570	32	<5	<20	29	0.25	<10	50	<10	10	89
55	5002466	0.2	4.06	10	695	<5	0.79	<1	10	182	77	2.46	0.77	20	1.11	796	24	1.13	38	370	40	10	<20	30	0.23	<10	56	<10	7	93
56	5002467	0.4	4.59	15	1175	<5	1.94	<1	12	179	83	2.81	1.11	10	1.71	1031	5	0.35	45	330	44	10	<20	39	0.20	<10	97	<10	6	95
57	5002468	0.2	4.47	10	730	<5	1.75	<1	12	175	50	2.94	0.65	10	1.71	1007	13	1.51	43	370	48	10	<20	44	0.22	<10	79	<10	6	62
58	5002468	0.2	4.45	5	730	<5	1.77	<1	13	165	48	2.96	0.64	10	1.71	1017	13	1.55	44	370	54	5	<20	45	0.23	<10	77	<10	6	65
59	5002470	2.0	6.12	<5	505	<5	3.02	<1	9	38	6836	8.31	2.20	<10	1.19	1013	11	1.41	25	840	58	35	<20	414	0.16	<10	80	<10	8	135
60	5002471	0.2	7.65	20	1865	<5	3.07	<1	34	232	84	5.83	1.53	10	3.36	2248	11	0.84	99	620	64	25	<20	66	0.35	<10	156	<10	8	136
61	5002472	0.2	4.50	10	930	<5	0.97	<1	12	146	51	2.87	0.92	20	1.31	1067	9	1.12	37	400	38	<5	<20	27	0.25	<10	57	<10	8	69
62	5002473	0.4	4.01	10	755	<5	0.88	<1	12	184	73	2.64	0.75	20	1.20	992	4	1.20	35	360	34	<5	<20	25	0.22	<10	50	<10	8	78
63	5002474	0.6	4.45	5	780	<5	1.21	<1	13	156	33	2.93	0.83	20	1.33	1283	3	0.84	33	410	48	5	<20	41	0.22	<10	60	<10	7	74
64	5002475	<0.2	5.06	10	1050	<5	1.48	<1	16	122	36	3.25	1.16	10	1.43	1462	2	0.36	32	480	48	10	<20	28	0.25	<10	71	<10	7	91
65	5002476	0.2	7.14	5	460	<5	3.18	<1	13	59	18	3.67	0.99	<10	1.45	706	5	2.46	33	800	28	<5	<20	399	0.36	<10	114	<10	15	61

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2008- 8580

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
66	5002477	0.2	4.81	10	910	<5	0.82	<1	15	139	35	3.17	1.06	10	1.22	1321	3	0.30	29	530	46	10	<20	17	0.27	<10	70	<10	7	93
67	5002478	0.2	5.07	20	875	<5	0.28	<1	17	129	35	2.64	1.11	10	1.06	835	3	0.31	34	450	94	10	<20	9	0.24	<10	75	<10	6	95
68	5002479	0.6	4.64	15	635	<5	0.57	<1	15	140	58	2.71	0.84	10	1.03	934	3	0.28	35	400	64	15	<20	8	0.25	<10	67	<10	6	88
69	5002480	0.2	5.22	10	650	<5	0.44	<1	18	137	110	3.41	0.88	20	1.31	1018	3	0.32	37	520	118	10	<20	11	0.32	<10	82	<10	7	88
70	5002481	<0.2	6.25	10	445	<5	1.28	<1	22	205	92	4.62	0.58	10	2.21	1383	3	0.43	90	890	44	20	<20	20	0.46	<10	147	<10	13	98
71	5002482	0.2	6.31	15	435	<5	1.20	<1	23	207	100	4.86	0.57	10	2.39	1391	3	0.45	98	870	46	20	<20	19	0.48	<10	150	<10	12	108
72	5002483	0.2	8.59	25	1230	<5	1.41	<1	42	301	90	8.32	1.32	10	4.62	1919	5	1.14	142	1150	42	10	<20	44	0.96	<10	241	<10	18	159
73	5002484	0.2	8.15	20	1670	<5	1.76	<1	33	200	89	7.35	1.70	10	3.79	1497	4	1.51	113	1320	44	10	<20	82	0.83	<10	197	<10	16	133
74	5002485	<0.2	7.27	10	1600	<5	3.58	<1	24	167	97	5.73	1.58	10	3.01	1301	4	2.03	93	1060	40	5	<20	130	0.55	<10	155	<10	17	94
75	5002486	<0.2	7.82	20	1300	<5	2.56	<1	23	105	104	6.08	1.57	10	2.70	1584	4	1.05	53	1190	68	10	<20	55	0.45	<10	179	<10	12	136
76	5002487	0.4	8.07	10	1275	<5	1.11	<1	19	85	99	5.13	1.35	20	2.11	1090	4	0.53	36	1210	42	10	<20	23	0.54	<10	172	<10	12	108
77	5002488	0.6	8.13	35	390	<5	3.16	<1	23	105	155	5.72	2.52	10	2.11	1324	4	0.58	53	1010	130	20	<20	80	0.29	<10	176	<10	8	315
78	5002488	0.8	7.94	45	380	<5	2.99	<1	21	99	151	5.53	2.48	10	2.08	1293	4	0.57	48	990	124	10	<20	80	0.26	<10	172	<10	7	297
79	5002490	4.0	7.82	20	1360	<5	2.02	2	23	108	9959	6.02	3.22	40	1.13	385	296	1.16	41	1010	120	25	<20	300	0.18	<10	100	<10	11	145
80	5002491	4.2	1.26	65	15	<5	0.27	7	6	216	260	5.00	0.40	<10	0.17	86	2	0.11	25	70	830	30	<20	8	0.02	<10	25	<10	<1	4890
81	5002492	2.8	2.97	100	20	<5	0.24	2	9	178	188	3.70	1.07	<10	0.21	82	2	0.23	23	180	434	10	<20	8	0.08	<10	67	<10	2	1316
82	5002493	2.6	4.92	95	25	<5	1.49	1	17	126	133	3.78	1.76	<10	0.72	537	3	0.37	36	580	378	10	<20	48	0.14	<10	127	<10	4	879
83	5002494	1.6	3.70	35	180	<5	4.05	<1	16	101	150	4.11	1.01	<10	1.58	1771	3	0.37	34	660	30	10	<20	127	0.15	<10	77	<10	6	92
84	5002495	1.2	6.80	15	760	<5	4.10	<1	35	152	74	6.68	1.15	<10	2.57	1911	3	0.57	64	910	42	35	<20	75	0.67	<10	226	<10	11	113
85	5002496	0.2	7.07	<5	465	<5	3.04	<1	12	60	17	3.83	0.98	10	1.55	667	5	2.42	31	770	32	<5	<20	404	0.36	<10	117	<10	15	64
86	5002497	1.6	5.07	30	150	<5	5.08	2	29	449	306	5.01	1.47	10	2.20	1456	28	0.46	111	6840	46	20	<20	152	0.23	<10	287	<10	26	552
87	5002498	1.4	7.32	55	305	<5	7.38	<1	41	157	94	6.99	1.90	<10	3.97	1908	4	0.70	83	710	62	15	<20	280	0.50	<10	241	<10	10	193
88	5002499	1.6	6.82	45	40	<5	5.57	1	32	167	182	5.09	1.77	<10	2.47	1147	3	0.53	67	430	90	15	<20	160	0.24	<10	219	<10	7	485
89	5002500	16.9	1.16	50	40	<5	2.98	39	7	214	164	3.29	0.40	<10	1.22	496	3	0.11	22	100	196	15	<20	51	0.02	<10	38	<10	2	>10000
90	5002501	2.9	3.25	65	40	<5	4.27	6	21	202	92	4.36	1.11	<10	1.91	797	4	0.29	52	260	70	20	<20	112	0.06	<10	98	<10	5	1961
91	5002502	2.7	3.35	55	55	<5	4.85	5	22	203	76	4.64	1.05	<10	2.03	873	4	0.30	54	310	72	20	<20	112	0.08	<10	103	<10	6	1873
92	5002503	1.6	0.59	55	145	<5	2.35	1	7	259	14	1.75	0.16	<10	0.84	458	3	0.03	23	60	30	15	<20	36	0.01	<10	20	<10	2	392
93	5002504	0.4	6.99	<5	470	<5	2.93	<1	13	61	21	3.70	1.01	10	1.53	685	6	2.49	32	790	30	<5	<20	392	0.35	<10	118	<10	15	64
94	5002505	<0.2	7.40	45	865	<5	7.83	<1	37	185	5	5.77	1.57	<10	3.40	1581	3	0.75	88	830	60	15	<20	172	0.29	<10	241	<10	12	140
95	5002506	<0.2	7.80	<5	115	<5	7.21	<1	36	203	38	7.92	0.38	<10	4.30	1596	3	2.83	75	910	36	10	<20	128	0.86	<10	253	<10	25	64
96	5002507	0.4	8.40	<5	190	<5	6.41	<1	37	202	62	7.98	0.51	<10	4.33	1315	3	2.99	74	910	42	10	<20	226	0.95	<10	283	<10	29	75
97	5002508	0.2	8.46	<5	110	<5	7.60	<1	47	225	41	9.91	0.47	<10	5.25	1579	4	3.55	108	1080	44	10	<20	137	1.22	<10	298	<10	31	109
98	5002508	0.4	8.63	<5	120	<5	7.86	<1	49	232	40	>10	0.48	<10	5.33	1604	4	3.64	111	1110	46	10	<20	145	1.26	<10	310	<10	32	116
99	5002510	3.6	6.76	190	1290	<5	2.63	2	12	111	74	4.49	1.37	10	1.40	673	16	1.90	50	1060	308	55	<20	309	0.34	<10	134	<10	16	289
100	5002511	0.4	8.59	<5	175	<5	5.15	<1	35	223	41	7.30	0.57	<10	4.64	1209	4	2.97	82	860	34	10	<20	135	0.94	<10	312	<10	31	77
101	5002512	0.4	7.64	<5	180	<5	6.89	<1	40	204	18	8.52	0.47	<10	4.38	1682	3	2.03	92	950	42	15	<20	104	0.88	<10	266	<10	27	111
102	5002513	0.4	6.73	<5	215	<5	3.22	<1	34	201	23	7.27	0.38	<10	2.78	1392	3	0.51	81	810	36	20	<20	45	0.70	<10	231	<10	19	88
103	5002514	0.4	3.70	10	275	<5	>10	<1	26	179	24	7.10	0.85	<10	5.73	2043	2	0.75	54	460	34	15	<20	306	0.35	<10	124	<10	12	78
104	5002515	0.2	8.68	15	215	<5	2.22	<1	42	237	48	9.20	0.43	<10	3.33	1776	4	0.65	106	930	40	15	<20	40	0.97	<10	305	<10	25	95
105	5002516	0.4	6.90	5	465	<5	3.02	<1	11	62	18	3.51	1.00	10	1.56	683	4	2.42	28	730	30	<5	<20	406	0.38	<10	117	<10	16	61

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
106	5002517	0.2	7.20	<5	195	<5	1.96	<1	36	232	115	5.92	0.28	<10	2.39	1464	3	0.46	79	850	32	10	<20	22	0.87	<10	247	<10	15	85
107	5002518	<0.2	7.70	5	355	<5	5.41	<1	40	213	64	7.20	0.68	<10	3.55	1765	4	0.67	89	880	34	25	<20	114	0.70	<10	260	<10	17	92
108	5002519	0.2	>10	<5	110	<5	1.68	<1	56	249	172	9.01	0.37	<10	4.59	1414	5	0.77	118	1240	40	15	<20	210	1.42	<10	396	<10	17	113
109	5002520	0.4	7.92	15	745	<5	7.19	<1	48	203	98	>10	1.21	<10	4.73	1830	5	0.87	107	1330	38	15	<20	139	0.51	<10	266	<10	15	112
110	5002521	0.6	8.24	10	465	<5	7.61	<1	48	214	32	>10	1.15	<10	4.62	1754	5	1.14	110	1050	50	15	<20	146	0.64	<10	274	<10	17	110
111	5002522	0.6	7.96	10	415	<5	7.31	<1	40	204	30	9.60	1.02	<10	4.51	1637	4	1.23	90	970	36	10	<20	146	0.58	<10	262	<10	17	97
112	5002523	<0.2	9.11	<5	170	<5	8.92	<1	43	257	54	8.89	0.63	<10	5.35	1509	4	2.99	98	960	30	10	<20	190	1.09	<10	334	<10	36	94
113	5002524	<0.2	9.74	<5	160	<5	3.08	<1	52	245	270	8.78	0.43	<10	4.23	1307	5	0.92	112	1140	36	15	<20	139	1.29	<10	363	<10	20	101
114	5002525	0.2	8.00	5	260	<5	4.09	<1	38	213	392	7.53	0.64	<10	3.66	1461	4	0.65	83	850	32	15	<20	60	0.64	<10	287	<10	24	75
115	5002526	0.2	7.99	10	390	<5	5.96	<1	39	209	63	7.15	0.86	<10	3.12	1890	4	0.63	97	960	30	40	<20	76	0.70	<10	279	<10	21	84
116	5002527	0.4	7.88	20	365	<5	7.84	<1	45	194	12	9.20	1.04	<10	3.89	2195	5	0.70	98	1060	42	35	<20	100	0.76	<10	262	<10	18	98
117	5002528	0.2	8.59	5	240	<5	3.99	<1	42	221	5	8.22	0.57	<10	4.12	1578	4	0.66	89	970	50	15	<20	88	0.89	<10	287	<10	23	160
118	5002528	0.2	8.61	<5	240	<5	4.23	<1	43	214	5	8.40	0.59	<10	4.12	1618	4	0.68	92	1010	46	15	<20	89	0.89	<10	284	<10	23	161
119	5002530	2.2	6.09	5	495	<5	3.04	<1	12	42	6864	8.36	2.21	10	1.22	1044	14	1.39	30	850	54	40	<20	440	0.16	<10	82	<10	8	129
120	5002531	0.4	8.65	<5	280	<5	4.69	<1	45	223	200	8.65	0.77	<10	4.91	1443	4	0.78	98	1050	34	10	<20	130	0.83	<10	302	<10	17	100
121	5002532	0.4	8.20	<5	130	<5	>10	<1	50	240	438	9.77	0.48	<10	4.81	1806	6	2.78	115	1120	38	10	<20	152	1.26	<10	301	<10	37	109
122	5002533	1.2	9.65	<5	190	<5	3.21	<1	55	263	1078	>10	0.53	<10	3.45	2059	5	1.05	119	1160	48	45	<20	66	1.17	<10	361	<10	25	125
123	5002534	0.4	6.75	15	405	<5	5.54	<1	34	219	28	6.36	0.81	<10	2.62	2352	4	0.56	76	750	32	35	<20	82	0.65	<10	212	<10	17	86
124	5002535	0.2	9.23	<5	205	<5	3.27	<1	48	235	81	9.90	0.39	<10	4.10	1796	4	0.70	110	1100	38	10	<20	61	1.18	<10	344	<10	27	104
125	5002536	0.4	7.13	<5	480	<5	3.19	<1	13	62	21	3.74	1.07	10	1.60	701	6	2.55	33	800	32	5	<20	406	0.36	<10	119	<10	17	62
126	5002537	0.4	8.69	<5	100	<5	>10	<1	48	241	31	>10	0.41	<10	5.33	1903	4	3.35	114	1160	40	10	<20	207	1.29	<10	319	<10	33	91
127	5002538	0.2	8.61	<5	95	<5	>10	<1	42	275	<1	8.83	0.41	<10	5.13	1524	4	2.96	105	980	38	10	<20	288	1.08	<10	306	<10	31	72
128	5002539	0.4	8.33	<5	100	<5	9.05	<1	45	228	43	9.15	0.41	<10	5.24	1668	4	3.01	116	1020	36	15	<20	128	1.11	<10	299	<10	29	79
QC DATA:																														
Repeat:																														
1	5002412	1.2	8.13	5	1435	<5	3.70	2	15	183	63	4.31	3.23	30	2.48	711	16	0.98	60	890	36	10	<20	320	0.11	<10	175	<10	10	189
10	5002421	0.4	1.25	10	10	<5	2.11	<1	74	1328	19	4.90	0.35	<10	>10	428	<1	0.85	1451	60	10	25	<20	129	<0.01	<10	22	<10	<1	40
20	5002431	0.4	1.19	<5	10	<5	3.74	<1	78	1753	6	5.07	0.36	<10	>10	708	1	0.90	1491	50	12	30	<20	133	<0.01	<10	25	<10	<1	38
36	5002447	<0.2	1.30	10	10	<5	3.04	<1	94	2003	8	5.53	0.40	<10	>10	574	<1	0.97	1720	60	8	35	<20	82	0.01	<10	31	<10	<1	44
46	5002457	0.2	1.71	15	20	<5	1.45	<1	67	1575	33	4.00	0.34	<10	>10	538	<1	0.82	1365	130	26	60	<20	47	0.01	<10	36	<10	<1	61
54	5002465	0.2	3.92	15	555	<5	0.80	<1	13	192	40	2.54	0.55	20	1.29	911	51	1.54	50	600	38	<5	<20	34	0.27	<10	56	<10	12	93
71	5002482	<0.2	6.44	15	445	<5	1.15	<1	25	219	103	5.08	0.59	10	2.37	1433	4	0.46	102	900	50	20	<20	20	0.52	<10	158	<10	13	112
80	5002491	4.4	1.24	80	15	<5	0.28	8	7	233	264	5.24	0.39	<10	0.16	89	2	0.09	27	70	860	30	<20	7	0.02	<10	25	<10	<1	4944
89	5002500	16.5	1.19	30	75	<5	3.19	44	10	207	168	3.49	0.41	<10	1.26	543	4	0.11	30	120	212	20	<20	49	0.03	<10	38	<10	2	>10000
106	5002517	0.2	7.36	<5	205	<5	1.98	<1	39	241	119	6.05	0.29	<10	2.47	1471	4	0.49	84	870	36	15	<20	24	0.86	<10	257	<10	15	82
115	5002526	0.2	8.20	10	410	<5	6.25	<1	44	217	64	7.45	0.89	<10	3.27	1946	4	0.65	102	1000	32	45	<20	83	0.74	<10	287	<10	21	90
124	5002535	0.4	9.20	<5	205	<5	3.45	<1	50	237	77	>10	0.37	<10	4.10	1842	5	0.68	114	1150	40	10	<20	57	1.25	<10	341	<10	27	102
Resplit:																														
1	5002412	1.2	8.18	<5	1460	<5	4.11	2	19	177	63	4.60	3.25	30	2.56	750	20	0.99	70	940	56	10	<20	325	0.14	<10	171	<10	10	203
36	5002456	<0.2	1.37	10	10	<5	3.22	<1	103	2025	7	5.80	0.39	<10	>10	614	1	0.98	1790	70	12	35	<20	86	0.01	<10	32	<10	<1	48
71	5002491	<0.2	6.41	15	460	<5	1.25	<1	25	231	100	5.19	0.60	10	2.41	1482	5	0.45	110	940	52	30	<20	20	0.54	<10	158	<10	13	124
106	5002526	<0.2	7.20	<5	195	<5	2.15	<1	40	243	116	6.22	0.27	<10	2.43	1541	3	0.46	86	900	30	15	<20	20	0.91	<10	255	10	15	86

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ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2008- 8580 Hawthorne Gold Corp

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
Standard:																														
Stsd3		0.4	5.94	25	1320	<5	2.46	<1	14	59	31	4.33	1.45	30	1.32	2555	8	1.23	35	1730	38	<5	<20	240	0.28	<10	106	<10	28	203
Stsd3		0.6	5.90	25	1345	<5	2.36	<1	15	61	31	4.34	1.42	30	1.29	2605	8	1.23	39	1730	40	<5	<20	246	0.30	<10	107	<10	28	213
Stsd3		0.6	5.89	30	1375	<5	2.32	<1	16	60	32	4.20	1.40	30	1.31	2528	9	1.20	38	1740	42	<5	<20	257	0.31	<10	108	<10	28	210
Stsd3		0.4	5.75	30	1390	<5	2.30	1	19	64	30	4.22	1.41	30	1.30	2597	10	1.21	36	1670	40	5	<20	250	0.31	<10	110	<10	28	217

ICP: 4 Acid Digest/ICP-AES Finish
Ag: 4 Acid Digest/AA-Finish

JJ/ap/nw
df/td8580s
XLS/08

ECO TECH LABORATORY LTD.
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-8592

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

7-Nov-08

No. of samples received: 64
Sample Type: Core
Project: H1005
Shipment #: 2008/0010
Submitted by: Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	5002540	<0.03	<0.001	
2	5002541	<0.03	<0.001	
3	5002542	<0.03	<0.001	
4	5002543	<0.03	<0.001	
5	5002544	<0.03	<0.001	
6	5002545	<0.03	<0.001	
7	5002546	<0.03	<0.001	
8	5002547	<0.03	<0.001	
9	5002548	<0.03	<0.001	
10	5002548 Dup	<0.03	<0.001	
11	5002550	1.43	0.042	1.00
12	5002551	<0.03	<0.001	
13	5002552	<0.03	<0.001	
14	5002553	<0.03	<0.001	
15	5002554	<0.03	<0.001	
16	5002555	<0.03	<0.001	
17	5002556	<0.03	<0.001	
18	5002557	<0.03	<0.001	
19	5002558	<0.03	<0.001	
20	5002559	<0.03	<0.001	
21	5002560	<0.03	<0.001	
22	5002561	<0.03	<0.001	
23	5002562	<0.03	<0.001	
24	5002563	<0.03	<0.001	
25	5002564	<0.03	<0.001	
26	5002565	<0.03	<0.001	
27	5002566	<0.03	<0.001	
28	5002567	<0.03	<0.001	
29	5002568	<0.03	<0.001	
30	5002568 Dup	<0.03	<0.001	
31	5002570	3.44	0.100	
32	5002571	<0.03	<0.001	

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Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp AW8-8592

7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
33	5002572	<0.03	<0.001	
34	5002573	<0.03	<0.001	
35	5002574	<0.03	<0.001	
36	5002575	<0.03	<0.001	
37	5002576	<0.03	<0.001	
38	5002597	<0.03	<0.001	
39	5002598	<0.03	<0.001	
40	5002599	<0.03	<0.001	
41	5002600	<0.03	<0.001	
42	5002601	<0.03	<0.001	
43	5002602	<0.03	<0.001	
44	5002603	<0.03	<0.001	
45	5002604	<0.03	<0.001	
46	5002605	<0.03	<0.001	
47	5002606	<0.03	<0.001	
48	5002607	<0.03	<0.001	
49	5002608	<0.03	<0.001	
50	5002608 Dup	<0.03	<0.001	
51	5002610	1.45	0.042	1.00
52	5002611	<0.03	<0.001	
53	5002612	<0.03	<0.001	
54	5002613	<0.03	<0.001	
55	5002614	<0.03	<0.001	
56	5002615	<0.03	<0.001	
57	5002616	<0.03	<0.001	
58	5002617	<0.03	<0.001	
59	5002618	<0.03	<0.001	
60	5002619	<0.03	<0.001	
61	5002620	<0.03	<0.001	
62	5002621	<0.03	<0.001	
63	5002622	<0.03	<0.001	
64	5002623	<0.03	<0.001	

QC DATA:

Repeat:

1	5002540	<0.03	<0.001	
10	5002548 Dup	<0.03	<0.001	
19	5002558	<0.03	<0.001	
36	5002575	<0.03	<0.001	
45	5002604	<0.03	<0.001	
54	5002613	<0.03	<0.001	

ECO TECH LABORATORY LTD.
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Hawthorne Gold Corp AW8-8592 7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
Resplit:				
1	5002540	<0.03	<0.001	
38	5002597	<0.03	<0.001	
Standard:				
Oxi67		1.81	0.053	
Oxi67		1.81	0.053	
Cu120				1.52

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JJ/ndw
XLS/08

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8-No

Alex Stewart Geochemical
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KAMLOOPS, B.C.
V2C 6T4
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2008- 8592
Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 64
Sample Type: Core
Project: H1005
Shipment #: 2008/0010
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002540	0.8	6.66	<5	690	<5	2.42	4	15	224	15	4.76	1.06	50	8.77	1551	34	0.55	109	2410	42	10	<20	74	0.50	<10	391	<10	26	347
2	5002541	0.4	0.47	<5	25	<5	>10	<1	1	23	<1	0.34	0.08	30	0.82	4197	2	0.18	11	80	4	<5	<20	1500	0.03	<10	21	<10	18	26
3	5002542	0.6	3.42	<5	30	<5	1.23	1	24	232	<1	7.61	0.18	60	>10	2334	26	0.44	127	3140	44	10	<20	42	0.65	<10	490	<10	24	524
4	5002543	0.4	2.45	<5	30	<5	1.26	1	25	235	<1	7.62	0.18	50	>10	2424	33	0.41	138	3270	40	10	<20	37	0.58	<10	512	<10	23	507
5	5002544	0.2	1.35	<5	25	<5	2.53	<1	62	1542	20	4.51	0.33	<10	>10	585	2	0.77	923	140	6	35	<20	64	0.03	<10	66	<10	3	53
6	5002545	0.4	0.97	<5	35	<5	4.87	<1	63	1595	45	4.61	0.29	<10	>10	761	1	0.65	860	50	6	30	<20	94	0.02	<10	56	<10	2	33
7	5002546	0.4	1.32	<5	10	<5	7.87	<1	53	1720	3	4.92	0.30	<10	>10	802	1	0.70	292	50	4	40	<20	117	0.09	<10	109	<10	2	25
8	5002547	0.2	1.13	<5	10	<5	>10	<1	56	1963	<1	4.92	0.27	<10	>10	1005	1	0.64	273	50	2	50	<20	131	0.07	<10	92	<10	2	29
9	5002548	0.3	1.06	<5	10	<5	8.85	<1	53	1919	1	4.57	0.28	<10	>10	950	1	0.64	255	40	4	45	<20	120	0.06	<10	80	<10	2	32
10	5002548 Dup	0.4	1.04	<5	10	<5	8.66	<1	50	1935	1	4.44	0.27	<10	>10	938	<1	0.63	242	40	4	40	<20	121	0.06	<10	81	<10	2	35
11	5002550	4.2	7.81	25	1290	<5	1.90	2	21	112	>10000	5.68	2.99	40	1.18	348	298	1.11	37	1010	114	25	<20	283	0.17	<10	101	<10	12	141
12	5002551	0.2	1.17	<5	30	<5	7.10	<1	54	2194	21	4.62	0.29	<10	>10	825	2	0.68	257	40	4	45	<20	113	0.06	<10	94	<10	2	29
13	5002552	<0.2	1.22	5	10	<5	8.11	<1	59	1935	7	4.68	0.28	<10	>10	908	1	0.66	273	50	6	40	<20	122	0.08	<10	99	<10	3	29
14	5002553	0.6	1.12	<5	15	<5	>10	<1	40	1512	<1	4.17	0.26	<10	>10	1099	<1	0.61	179	50	6	35	<20	178	0.07	<10	93	<10	3	44
15	5002554	0.6	1.37	10	15	<5	7.99	<1	43	1318	<1	4.24	0.25	<10	>10	1121	2	0.60	183	80	4	30	<20	138	0.07	<10	104	<10	4	53
16	5002555	<0.2	1.35	<5	10	<5	7.69	<1	58	1611	6	4.65	0.30	<10	>10	947	1	0.71	278	50	8	35	<20	130	0.07	<10	94	<10	2	33
17	5002556	<0.2	7.14	<5	460	<5	2.84	<1	11	60	17	3.70	1.04	<10	1.51	670	5	2.45	29	760	30	<5	<20	394	0.35	<10	115	<10	16	64
18	5002557	0.2	1.24	<5	10	<5	5.26	<1	58	1650	9	4.51	0.31	<10	>10	654	<1	0.74	325	50	4	30	<20	95	0.07	<10	90	<10	2	26
19	5002558	<0.2	1.48	<5	10	<5	2.99	<1	76	1502	33	6.68	0.32	<10	>10	579	1	0.76	435	70	4	35	<20	54	0.08	<10	103	<10	2	30
20	5002559	<0.2	1.75	<5	10	<5	2.81	<1	53	1481	6	4.73	0.32	<10	>10	553	1	0.76	357	120	8	30	<20	64	0.11	<10	103	<10	4	33
21	5002560	<0.2	0.87	<5	20	<5	9.90	<1	35	490	<1	4.28	0.25	<10	>10	1402	<1	0.58	185	40	4	10	<20	173	0.03	<10	47	<10	2	42
22	5002561	<0.2	1.52	15	15	<5	7.98	<1	53	1106	<1	4.71	0.29	<10	>10	1126	<1	0.69	289	50	4	25	<20	152	0.06	<10	110	<10	3	53
23	5002562	<0.2	1.39	10	10	<5	8.34	<1	51	1070	<1	4.71	0.27	<10	>10	1170	1	0.64	293	50	6	25	<20	154	0.06	<10	105	<10	3	44
24	5002563	<0.2	1.25	<5	10	<5	6.28	<1	36	839	<1	4.79	0.27	<10	>10	1024	1	0.64	197	40	4	20	<20	129	0.08	<10	123	<10	3	37
25	5002564	<0.2	1.48	10	25	<5	6.66	<1	42	1269	<1	4.56	0.27	<10	>10	1164	1	0.63	255	50	6	25	<20	234	0.05	<10	123	<10	4	46

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ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYS. AK 2008- 8592 Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5002565	<0.2	0.97	25	115	<5	7.68	<1	38	797	2	4.20	0.22	<10	>10	1360	1	0.51	282	130	6	20	<20	211	0.02	<10	60	<10	4	51
27	5002566	<0.2	1.38	95	25	<5	3.26	<1	64	1548	22	4.87	0.30	<10	>10	699	4	0.70	1104	50	6	35	<20	84	0.01	<10	71	<10	2	85
28	5002567	0.2	1.03	30	10	<5	1.44	<1	72	1786	44	4.20	0.30	<10	>10	313	<1	0.70	1351	40	4	35	<20	42	<0.01	<10	28	<10	<1	47
29	5002568	<0.2	0.96	15	15	<5	3.28	<1	82	1548	12	4.76	0.29	<10	>10	514	2	0.69	1492	50	2	35	<20	75	<0.01	<10	26	<10	<1	30
30	5002568 Dup	<0.2	0.98	10	15	<5	3.12	<1	76	1582	11	4.46	0.31	<10	>10	496	<1	0.72	1441	50	4	35	<20	77	<0.01	<10	26	<10	<1	26
31	5002570	3.6	6.65	185	1385	<5	2.51	2	12	102	70	4.43	1.39	10	1.34	633	16	1.90	52	1020	308	55	<20	295	0.30	<10	129	<10	16	281
32	5002571	<0.2	0.91	5	60	<5	6.78	<1	73	1712	9	4.42	0.19	<10	>10	682	2	0.44	1376	50	<2	45	<20	136	<0.01	<10	28	<10	<1	24
33	5002572	0.2	0.63	25	130	<5	>10	<1	98	1638	18	5.29	0.07	<10	4.68	1016	3	0.11	1923	60	2	880	<20	176	<0.01	<10	29	<10	1	49
34	5002573	<0.2	1.37	70	125	<5	3.38	<1	69	1445	13	2.93	0.09	<10	2.55	922	3	0.12	1350	40	16	790	<20	165	<0.01	<10	31	<10	1	74
35	5002574	<0.2	3.80	80	295	<5	9.58	<1	30	543	2	4.84	0.86	<10	6.35	2020	3	0.57	442	80	170	170	<20	587	0.02	<10	67	<10	7	73
36	5002575	0.2	1.24	10	260	<5	5.37	<1	6	199	12	3.07	0.43	<10	2.37	1169	7	0.13	26	100	18	20	<20	160	0.04	<10	21	<10	5	19
37	5002576	<0.2	6.98	<5	465	<5	2.81	<1	9	57	19	3.61	1.07	10	1.50	630	6	2.71	20	750	24	<5	<20	410	0.35	<10	119	<10	15	53
38	5002597	<0.2	3.25	<5	600	<5	0.61	<1	11	114	45	1.63	0.85	10	0.61	815	2	0.20	18	310	18	5	<20	24	0.14	<10	49	<10	8	39
39	5002598	0.2	5.43	5	1285	<5	1.15	<1	9	78	36	2.01	1.69	30	0.69	1163	4	0.48	15	410	30	<5	<20	147	0.20	<10	35	<10	16	60
40	5002599	0.2	4.15	<5	695	<5	0.98	<1	13	114	51	2.01	0.99	10	0.77	981	4	0.67	18	460	22	5	<20	96	0.22	<10	59	<10	11	49
41	5002600	<0.2	2.99	<5	525	<5	0.71	<1	10	109	69	1.61	0.70	10	0.66	894	2	0.23	17	290	16	5	<20	43	0.13	<10	58	<10	8	37
42	5002601	0.2	3.79	<5	610	<5	0.43	<1	12	105	41	2.07	0.76	10	0.78	704	3	0.35	21	350	26	<5	<20	72	0.16	<10	42	<10	8	43
43	5002602	<0.2	3.79	<5	585	<5	0.46	<1	13	104	36	2.31	0.78	10	0.81	759	3	0.35	22	380	24	5	<20	75	0.18	<10	47	<10	8	50
44	5002603	0.2	2.75	<5	475	<5	0.97	<1	14	146	70	2.09	0.64	<10	0.67	1128	2	0.19	22	360	20	5	<20	38	0.16	<10	46	<10	7	40
45	5002604	<0.2	2.51	5	325	<5	1.00	<1	14	178	32	1.74	0.49	<10	0.60	1236	3	0.21	21	290	12	5	<20	42	0.12	<10	33	<10	6	39
46	5002605	0.4	2.18	5	205	<5	1.46	<1	12	208	61	1.95	0.37	<10	0.59	1201	3	0.21	23	340	14	10	<20	68	0.14	<10	45	<10	7	43
47	5002606	<0.2	8.19	<5	505	<5	4.87	<1	33	242	66	7.23	0.91	<10	4.34	1252	6	2.27	80	1200	28	15	<20	93	0.79	<10	294	<10	33	95
48	5002607	<0.2	7.40	<5	480	<5	5.36	<1	32	207	43	6.97	0.83	<10	4.21	1166	4	2.74	74	730	28	10	<20	98	0.77	<10	257	<10	28	70
49	5002608	<0.2	4.72	<5	300	<5	6.27	3	14	509	107	5.21	0.54	40	2.04	1109	38	1.11	106	9910	22	15	<20	111	0.33	<10	160	<10	57	174
50	5002608 Dup	<0.2	4.75	<5	305	<5	6.23	3	14	507	111	5.13	0.55	40	2.04	1074	37	1.14	101	9860	20	15	<20	112	0.32	<10	158	<10	57	167
51	5002610	4.0	7.62	15	1305	<5	1.79	2	18	105	>10000	5.60	3.18	30	1.10	357	292	1.12	32	980	100	20	<20	277	0.15	<10	99	<10	11	129
52	5002611	0.2	7.75	<5	265	<5	5.63	<1	34	206	120	7.44	0.60	<10	4.34	1075	6	2.82	77	830	28	5	<20	175	0.78	<10	284	<10	31	66
53	5002612	<0.2	8.09	<5	380	<5	3.83	2	37	211	42	8.35	0.81	<10	3.64	1204	4	1.92	86	780	26	15	<20	179	0.86	<10	298	<10	29	115
54	5002613	<0.2	7.96	<5	245	<5	8.30	<1	53	206	23	>10	0.59	<10	4.53	1770	7	3.26	121	1130	36	15	<20	177	1.27	<10	285	<10	30	97
55	5002614	0.2	8.02	<5	415	<5	7.01	<1	42	188	3	9.20	0.84	<10	4.32	1340	4	2.70	93	950	48	15	<20	198	0.98	<10	287	<10	31	114
56	5002615	<0.2	7.75	<5	270	<5	6.08	<1	28	245	<1	6.60	0.57	<10	4.15	1099	3	2.43	66	580	34	10	<20	277	0.66	<10	292	<10	27	61
57	5002616	0.2	6.94	<5	455	<5	2.79	<1	11	58	18	3.70	1.03	<10	1.43	618	5	2.62	27	720	30	<5	<20	395	0.34	<10	119	<10	16	55
58	5002617	<0.2	7.76	<5	270	<5	5.70	<1	33	195	2	7.28	0.58	<10	4.49	1309	3	2.93	74	730	24	10	<20	164	0.79	<10	280	<10	31	57
59	5002618	<0.2	8.26	<5	180	<5	7.97	<1	36	170	2	8.50	0.43	<10	3.87	1364	5	3.30	69	870	34	15	<20	412	0.97	<10	293	<10	31	63
60	5002619	<0.2	7.83	<5	290	<5	6.06	<1	34	179	5	7.90	0.58	<10	4.49	1174	3	3.05	76	830	30	10	<20	129	0.87	<10	287	<10	32	57
61	5002620	<0.2	7.86	<5	275	<5	7.46	<1	42	198	5	9.33	0.58	<10	4.58	1650	5	3.15	96	950	34	10	<20	150	0.99	<10	275	<10	30	81
62	5002621	<0.2	7.53	45	350	<5	6.32	<1	34	206	2	7.28	0.66	<10	4.39	1141	3	2.67	78	740	28	10	<20	181	0.77	<10	267	<10	31	53
63	5002622	<0.2	7.44	35	315	<5	6.44	<1	36	207	<1	7.59	0.63	<10	4.34	1198	3	2.84	80	790	28	10	<20	157	0.75	<10	267	<10	30	54
64	5002623	<0.2	7.89	5	340	<5	5.13	<1	34	209	<1	7.40	0.62	<10	4.55	1297	3	2.96	79	750	28	10	<20	138	0.83	<10	293	<10	31	56

Alex Stewart Ge emical

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2008- 8592 Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	5002540	0.8	6.82	<5	720	<5	2.60	4	16	227	13	4.84	1.10	50	9.09	1561	36	0.57	115	2480	46	10	<20	79	0.52	<10	403	<10	28	352
10	5002548 Dup	0.4	1.11	<5	10	<5	8.58	<1	51	1905	2	4.45	0.29	<10	>10	926	<1	0.66	247	40	2	40	<20	126	0.06	<10	82	<10	2	36
19	5002558	0.6	1.47	<5	10	<5	3.12	<1	83	1479	30	6.85	0.33	<10	>10	590	2	0.77	455	80	4	40	<20	51	0.09	<10	101	<10	2	35
38	5002597	0.2	3.19	<5	600	<5	0.63	<1	11	113	45	1.76	0.82	10	0.60	832	2	0.19	19	330	22	5	<20	25	0.15	<10	48	<10	7	42
45	5002604	<0.2	2.52	<5	320	<5	0.96	<1	13	184	32	1.70	0.49	<10	0.61	1181	2	0.21	21	270	14	<5	<20	44	0.12	<10	34	<10	7	36
63	5002622	0.4	7.52	30	315	<5	6.28	<1	30	205	<1	7.20	0.63	<10	4.40	1148	3	2.71	74	760	24	10	<20	156	0.79	<10	268	<10	30	49
Resplit:																													
1	5002540	0.9	6.39	<5	685	<5	2.50	4	18	229	13	5.04	1.06	50	8.46	1580	40	0.53	126	2450	40	10	<20	76	0.56	<10	410	<10	23	371
38	5002597	0.2	3.10	5	605	<5	0.63	<1	11	104	44	1.73	0.81	<10	0.58	801	2	0.19	18	330	20	5	<20	23	0.15	<10	50	<10	7	42
Standard:																													
STSD-3		0.6	5.78	25	1315	<5	2.44	1	17	59	36	4.20	1.38	30	1.31	2568	10	1.22	34	1710	61	10	<20	265	0.29	<10	108	<10	28	202
STSD-3		0.4	5.73	20	1300	<5	2.49	1	15	57	34	4.31	1.42	30	1.33	2532	8	1.22	33	1700	62	5	<20	270	0.31	<10	110	<10	28	195

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.

JJ/ndw
df/8536BS
XLS/08

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

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8577

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

11-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0005
Submitted by:Mallory Dalsin

ET #.	Tag #	SG g/cm^3
2	5002578	2.79
3	5002579	2.76
4	5002580	2.79
5	5002581	2.78
7	5002583	2.66
8	5002584	2.64
9	5002585	2.61
10	5002586	2.64
11	5002587	2.64
12	5002588	2.59
15	5002591	2.63

QC DATA:

Repeat:

2	5002578	2.77

Standard:

SG-1	2.61

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

JJ/lk
XLS/07

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8577

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

7-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0005
Submitted by:Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5002577		<0.03	<0.001
2	5002578		0.06	0.002
3	5002579		0.08	0.002
4	5002580		0.48	0.014
5	5002581		0.88	0.026
6	5002582		1.09	0.032
7	5002583	*	37.6	1.097
8	5002584		0.92	0.027
9	5002585	**	56.8	1.656
10	5002586		2.30	0.067
11	5002587		2.05	0.060
12	5002588		<0.03	<0.001
13	5002588		<0.03	<0.001
14	5002590		0.72	0.021
15	5002591		<0.03	<0.001
16	5002592		<0.03	<0.001
17	5002593		<0.03	<0.001
18	5002594		<0.03	<0.001
19	5002595		<0.03	<0.001
20	5002596		<0.03	<0.001

QC DATA:

Repeat:

1	5002577	<0.03	<0.001
6	5002582	1.22	0.036
8	5002584	0.90	0.026
10	5002586	1.09	0.032

ECO TECH LABORATORY LTD.
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Alex Stewart GEOCHEMICAL

Hawthorne Gold Corp - AW 2008-8577 07-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Resplit:			
2	5002578	0.04	0.001
Standard:			
Hisilk2		3.41	0.099

* Metallic Au Assay
**Based on 150g

JJ/ap
XLS/08

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

11-Nov-08

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Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AW 2008- 8577

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0005
Submitted by:Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002577	0.2	>10	55	2125	<5	2.58	<1	42	414	85	5.90	3.43	<10	2.37	945	4	0.73	124	770	56	25	<20	103	0.17	<10	219	<10	7	211
2	5002578	<0.2	8.61	20	1445	<5	7.28	<1	43	303	70	7.06	2.68	<10	3.44	1302	5	1.45	117	830	36	20	<20	195	0.40	<10	171	<10	14	123
3	5002579	0.4	7.63	30	1230	<5	5.42	<1	25	146	71	6.83	2.06	10	3.77	1152	3	0.75	56	1070	34	20	<20	157	0.61	<10	243	<10	12	94
4	5002580	0.8	8.55	105	1025	<5	8.41	<1	57	197	47	>10	2.89	<10	3.42	1993	6	0.66	129	1880	76	35	<20	154	0.79	<10	263	<10	11	168
5	5002581	1.9	6.18	65	375	<5	5.77	<1	22	128	72	5.86	2.24	<10	3.09	1219	3	0.50	69	930	28	35	<20	207	0.16	<10	144	<10	8	102
6	5002582	1.7	6.57	80	330	<5	5.27	<1	29	142	77	6.14	2.52	<10	2.79	1128	3	0.48	82	960	34	35	<20	178	0.18	<10	169	<10	7	93
7	5002583	9.6	1.52	15	115	<5	1.17	<1	7	146	24	2.00	0.59	<10	0.64	283	1	0.08	15	160	16	20	<20	60	0.03	<10	35	<10	2	100
8	5002584	1.4	3.66	25	150	<5	2.63	<1	13	110	126	2.97	1.32	<10	1.19	947	7	0.24	26	690	22	25	<20	83	0.08	<10	84	<10	7	80
9	5002585	1.4	1.46	15	125	<5	0.69	1	6	139	12	2.06	0.59	<10	0.34	234	4	0.07	15	140	20	15	<20	28	0.04	<10	36	<10	1	745
10	5002586	1.3	4.32	30	110	<5	2.25	<1	16	110	92	3.05	1.75	<10	0.91	814	2	0.26	21	390	22	50	<20	94	0.10	<10	97	<10	4	80
11	5002587	2.0	3.88	15	130	<5	2.23	<1	9	106	126	2.41	1.46	<10	1.17	674	2	0.25	17	270	20	65	<20	113	0.06	<10	67	<10	5	90
12	5002588	<0.2	4.05	10	595	<5	1.88	<1	10	135	60	2.44	1.09	10	0.91	993	2	0.42	20	450	18	10	<20	77	0.14	<10	57	<10	8	48
13	5002588	<0.2	4.18	10	610	<5	2.06	<1	13	140	60	2.56	1.15	20	0.94	1016	3	0.43	25	480	22	15	<20	80	0.16	<10	58	<10	8	51
14	5002590	2.0	6.02	<5	570	<5	3.17	<1	10	40	6906	8.31	2.36	10	1.19	1063	13	1.45	26	850	50	35	<20	435	0.17	<10	82	<10	9	136
15	5002591	0.2	3.64	10	455	<5	2.33	<1	10	160	74	2.20	1.06	10	0.83	870	2	0.30	20	360	18	5	<20	111	0.10	<10	68	<10	6	58
16	5002592	<0.2	2.34	15	370	<5	2.16	<1	14	167	71	2.10	0.77	<10	0.60	1834	2	0.15	21	330	16	10	<20	80	0.11	<10	58	<10	5	37
17	5002593	0.4	2.11	<5	285	<5	0.90	<1	8	161	43	1.13	0.53	<10	0.51	773	1	0.17	13	170	10	10	<20	58	0.07	<10	36	<10	5	25
18	5002594	0.2	2.19	<5	350	<5	0.65	<1	11	153	67	1.53	0.54	<10	0.47	867	2	0.15	18	260	10	5	<20	36	0.11	<10	74	<10	5	34
19	5002595	<0.2	3.51	<5	540	<5	2.20	<1	15	111	51	2.34	0.85	10	0.88	1581	2	0.59	21	390	18	5	<20	141	0.17	<10	55	<10	9	49
20	5002596	0.2	7.09	<5	460	<5	2.89	<1	9	58	18	3.66	1.02	10	1.40	629	4	2.65	23	730	22	<5	<20	405	0.28	<10	121	<10	15	56

QC DATA:

Repeat:	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002577	0.4	>10	50	2075	<5	3.48	<1	59	384	89	6.26	2.89	<10	2.34	1117	5	0.76	172	1000	66	30	<20	101	0.27	<10	222	<10	7	280
10	5002586	1.2	4.19	20	115	<5	2.06	<1	11	105	91	2.90	1.70	<10	0.88	777	2	0.26	18	370	18	40	<20	90	0.08	<10	92	<10	4	71
Resplit:																														
2	5002578	<0.2	8.81	20	1485	<5	6.83	<1	37	307	72	6.78	2.77	<10	3.48	1235	4	1.49	94	790	32	15	<20	200	0.35	<10	173	<10	12	113
Standard:																														
STSD-3		0.4	5.75	20	1355	<5	2.50	<1	13	59	33	4.22	1.45	30	1.33	2577	7	1.16	29	1680	50	40	<20	270	0.32	<10	109	<10	29	193

ICP: 4 ACID DIGEST/ICP-FINISH
AG: 4 ACID DIGEST/AA-FINISH

JJ/lk
df/TD8577S
XLS/08

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

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CERTIFICATE OF ASSAY AK 2008-8578

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0006
Submitted by: Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5002688		0.67	0.020
2	5002688 Dup		0.74	0.022
3	5002690		3.47	0.101
4	5002691		0.17	0.005
5	5002692	*	13.7	0.400
6	5002693		0.14	0.004
7	5002694		0.12	0.003
8	5002695		1.07	0.031
9	5002696		<0.03	<0.001
10	5002697		1.74	0.051
11	5002698	*	8.16	0.238
12	5002699	*	24.9	0.727
13	5002700		<0.03	<0.001
14	5002701		0.04	0.001
15	5002702		0.13	0.004
16	5002703		0.03	0.001
17	5002704		0.22	0.006
18	5002705		<0.03	<0.001
19	5002706		<0.03	<0.001
20	5002707		<0.03	<0.001
QC DATA:				
Repeat:				
1	5002688		0.67	0.020
4	5002691		0.14	0.004
8	5002695		1.00	0.029
10	5002697		1.68	0.049
Resplit:				
1	5002688		0.74	0.022

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B.C. Certified Assayer

Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp AW8-8578 12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
OXI67		1.82	0.053
SN26		8.55	0.249

** Metallic Assay*

JJ/nw
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AK 2008-8578

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

11-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0006
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
5	5002692	2.59
6	5002693	2.70
7	5002694	2.58
8	5002695	2.65
10	5002697	2.78
11	5002698	2.57
12	5002699	2.65
14	5002701	2.78
16	5002703	2.81
17	5002704	2.74
18	5002705	2.82
19	5002706	2.71

QC DATA:

Repeat:

6	5002693	2.73

Standard:

SG01	2.60

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11-N[illegible]8

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ICP CERTIFICATE OF ANALYSIS AK 2008- 8578

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0006
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002688	1.0	3.86	30	590	<5	1.71	<1	11	141	317	1.45	0.88	10	0.83	279	3	0.22	17	230	46	20	<20	62	0.09	<10	40	<10	7	22
2	5002688 Dup	1.0	3.99	30	615	<5	1.81	<1	12	153	326	1.58	0.91	10	0.89	306	2	0.24	20	250	50	25	<20	65	0.08	<10	42	<10	7	26
3	5002690	3.4	6.58	195	1365	<5	2.63	2	12	101	69	4.53	1.39	10	1.27	621	17	1.97	51	1070	306	55	<20	301	0.32	<10	126	<10	16	285
4	5002691	<0.2	5.94	35	805	<5	2.22	<1	8	121	9	1.79	1.20	20	1.07	399	2	0.33	22	480	26	5	<20	68	0.14	<10	58	<10	10	48
5	5002692	0.8	1.15	20	260	<5	1.52	1	6	256	43	1.30	0.41	<10	0.59	242	<1	0.06	17	50	24	15	<20	49	0.05	<10	38	<10	1	558
6	5002693	<0.2	7.72	20	775	<5	4.26	<1	42	196	83	8.04	1.17	<10	4.03	1105	3	0.53	86	730	32	15	<20	106	0.59	<10	262	<10	23	67
7	5002694	<0.2	7.61	35	705	<5	4.26	<1	38	183	110	7.13	1.19	<10	3.67	972	2	0.51	79	710	28	15	<20	126	0.60	<10	259	<10	20	58
8	5002695	0.4	2.63	45	350	<5	9.24	<1	16	168	34	5.13	0.96	<10	3.18	1464	2	0.30	43	700	24	15	<20	244	0.09	<10	86	<10	8	142
9	5002696	0.2	7.13	5	490	<5	3.06	<1	11	61	17	3.62	1.01	10	1.46	632	4	2.33	27	750	30	5	<20	404	0.34	<10	117	<10	17	57
10	5002697	0.6	7.32	50	595	<5	6.92	<1	32	190	116	6.71	2.53	<10	3.45	1252	3	0.60	74	530	36	20	<20	240	0.15	<10	232	<10	9	59
11	5002698	3.4	0.66	30	145	<5	0.68	<1	4	301	53	1.52	0.24	<10	0.34	160	2	0.04	16	30	22	20	<20	27	0.02	<10	27	<10	1	321
12	5002699	4.2	2.82	40	100	<5	4.72	<1	17	201	6	4.76	1.11	<10	1.60	677	2	0.23	40	1930	30	5	<20	170	0.06	<10	105	490	8	40
13	5002700	0.2	7.16	5	475	<5	2.69	<1	9	59	21	3.54	1.08	10	1.51	618	5	2.53	26	720	28	<5	<20	413	0.28	<10	114	<10	16	57
14	5002701	<0.2	8.19	10	525	<5	5.56	<1	43	233	4	8.05	1.10	<10	4.53	1415	2	2.46	89	730	36	10	<20	211	0.70	<10	302	<10	29	74
15	5002702	<0.2	7.75	15	480	<5	5.19	<1	40	202	2	7.55	0.96	<10	4.29	1301	2	2.31	80	690	34	10	<20	198	0.65	<10	288	<10	27	74
16	5002703	<0.2	8.28	45	305	<5	7.97	<1	35	211	17	7.63	0.81	<10	3.88	1393	4	2.44	75	780	30	15	<20	189	0.73	<10	282	<10	29	65
17	5002704	<0.2	1.65	15	155	<5	7.84	<1	6	158	21	4.15	0.48	<10	3.28	1178	2	0.45	20	130	4	10	<20	250	0.10	<10	62	<10	7	51
18	5002705	<0.2	8.51	20	250	<5	8.48	<1	50	211	36	>10	0.77	<10	4.57	2050	6	2.83	108	1090	34	15	<20	146	1.14	<10	316	<10	32	96
19	5002706	<0.2	8.33	5	310	<5	4.53	<1	33	129	46	9.10	0.80	<10	2.90	1763	3	0.62	64	780	28	25	<20	75	0.70	<10	292	<10	27	62
20	5002707	<0.2	8.53	15	125	<5	7.56	<1	37	177	6	9.21	0.43	<10	3.99	1536	4	3.20	81	930	32	10	<20	211	1.09	<10	335	<10	33	69
QC DATA:																														
Repeat:																														
1	5002688	1.0	3.89	25	590	<5	1.61	<1	10	135	318	1.39	0.89	10	0.84	281	2	0.23	16	220	42	20	<20	60	0.07	<10	40	<10	7	23
10	5002697	0.6	7.11	40	570	<5	6.80	<1	31	179	110	6.52	2.49	<10	3.34	1200	4	0.59	72	510	34	15	<20	225	0.17	<10	226	<10	9	55
Resplit:																														
1	5002688	1.0	3.82	20	560	<5	1.67	<1	9	150	311	1.39	0.88	10	0.82	273	2	0.25	17	220	42	20	<20	57	0.05	<10	38	<10	6	22

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Stsd3		0.4	5.70	20	1310	<5	2.44	<1	14	58	30	4.15	1.64	30	1.36	2238	7	1.21	31	1750	46	10	<20	279	0.29	<10	113	<10	28	198

JJ/nw
df/td8577s
XLS/08

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CERTIFICATE OF ASSAY AW 2008-8596

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

11-Nov-08

No. of samples received: 96
Sample Type: Core
Project: H1005
Shipment #: 2008/0012
Submitted by: Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002624	<0.03	<0.001
2	5002625	<0.03	<0.001
3	5002626	<0.03	<0.001
4	5002627	<0.03	<0.001
5	5002628	<0.03	<0.001
6	5002628 Dup	<0.03	<0.001
7	5002630	3.37	0.098
8	5002631	<0.03	<0.001
9	5002632	<0.03	<0.001
10	5002633	<0.03	<0.001
11	5002634	<0.03	<0.001
12	5002635	<0.03	<0.001
13	5002636	<0.03	<0.001
14	5002637	<0.03	<0.001
15	5002638	<0.03	<0.001
16	5002639	<0.03	<0.001
17	5002640	<0.03	<0.001
18	5002641	<0.03	<0.001
19	5002642	<0.03	<0.001
20	5002643	<0.03	<0.001
21	5002644	<0.03	<0.001
22	5002645	<0.03	<0.001
23	5002646	<0.03	<0.001
24	5002647	<0.03	<0.001
25	5002648	<0.03	<0.001
26	5002648 Dup	<0.03	<0.001
27	5002650	0.75	0.022
28	5002651	<0.03	<0.001
29	5002652	0.06	0.002
30	5002653	<0.03	<0.001
31	5002654	<0.03	<0.001

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Hawthorne Gold Corp AW8-8596

11-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
32	5002655	<0.03	<0.001
33	5002656	<0.03	<0.001
34	5002657	<0.03	<0.001
35	5002658	<0.03	<0.001
36	5002659	<0.03	<0.001
37	5002660	<0.03	<0.001
38	500266	<0.03	<0.001
39	5002662	<0.03	<0.001
40	5002663	0.03	0.001
41	5002664	<0.03	<0.001
42	5002665	<0.03	<0.001
43	5002666	0.06	0.002
44	5002667	<0.03	<0.001
45	5002668	<0.03	<0.001
46	5002668 Dup	<0.03	<0.001
47	5002670	1.39	0.041
48	5002671	<0.03	<0.001
49	5002672	<0.03	<0.001
50	5002673	<0.03	<0.001
51	5002674	<0.03	<0.001
52	5002675	<0.03	<0.001
53	5002676	<0.03	<0.001
54	5002677	<0.03	<0.001
55	5002678	<0.03	<0.001
56	5002679	<0.03	<0.001
57	5002680	0.10	0.003
58	5002681	<0.03	<0.001
59	5002682	<0.03	<0.001
60	5002683	<0.03	<0.001
61	5002684	<0.03	<0.001
62	5002685	<0.03	<0.001
63	5002686	<0.03	<0.001
64	5002687	<0.03	<0.001
65	5002708	<0.03	<0.001
66	5002708 Dup	<0.03	<0.001
67	5002710	0.72	0.021
68	5002711	<0.03	<0.001
69	5002712	<0.03	<0.001
70	5002713	<0.03	<0.001
71	5002714	<0.03	<0.001
72	5002715	<0.03	<0.001
73	5002716	<0.03	<0.001
74	5002717	<0.03	<0.001

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Hawthorne Gold Corp AW8-8596

11-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
75	5002718	<0.03	<0.001
76	5002720	<0.03	<0.001
77	5002721	<0.03	<0.001
78	5002722	<0.03	<0.001
79	5002723	<0.03	<0.001
80	5002724	<0.03	<0.001
81	5002725	0.50	0.015
82	5002726	1.27	0.037
83	5002727	0.08	0.002
84	5002728	0.05	0.001
85	5002728 Dup	0.04	0.001
86	5002730	<0.03	<0.001
87	5002731	1.44	0.042
88	5002732	<0.03	<0.001
89	5002733	<0.03	<0.001
90	5002734	<0.03	<0.001
91	5002735	<0.03	<0.001
92	5002736	<0.03	<0.001
93	5002737	<0.03	<0.001
94	5002738	<0.03	<0.001
95	5002739	<0.03	<0.001
QC DATA:			
Repeat:			
1	5002624	<0.03	<0.001
10	5002633	<0.03	<0.001
19	5002642	<0.03	<0.001
36	5002659	<0.03	<0.001
45	5002668	<0.03	<0.001
54	5002677	<0.03	<0.001
71	5002714	<0.03	<0.001
80	5002723	<0.03	<0.001
82	5002726	1.15	0.034
89	5002732	<0.03	<0.001
Resplit:			
1	5002624	<0.03	<0.001
36	5002659	<0.03	<0.001
71	5002714	<0.03	<0.001
Standard:			
Oxi67		1.84	0.054
Oxi67		1.82	0.053
HiSilk2		3.44	0.100

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13-No-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8596

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 96
Sample Type:Core
Project: H1005
Shipment #:2008/0012
Submitted by:Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	Ti	U	V	W	Y	Zn
1	5002624	0.4	4.61	<5	1040	<5	>10	7	9	136	58	3.06	1.48	20	3.78	1027	68	0.48	74	890	26	<5	<20	478	0.25	<10	386	<10	13	280
2	5002625	0.2	1.42	<5	50	<5	1.47	2	8	400	13	1.62	0.09	<10	2.36	343	9	0.11	83	400	16	5	<20	51	0.02	<10	88	<10	2	65
3	5002626	<0.2	2.08	15	325	<5	1.70	<1	61	1300	31	4.61	0.65	20	>10	648	5	0.82	1021	800	16	20	<20	116	0.11	<10	103	<10	5	96
4	5002627	0.2	1.60	10	20	<5	0.83	<1	63	1717	46	3.40	0.36	<10	>10	401	2	0.85	1147	250	8	20	<20	23	0.01	<10	43	<10	2	70
5	5002628	0.4	1.16	<5	25	<5	2.83	<1	81	1502	112	4.07	0.34	<10	>10	685	2	0.79	1485	60	10	25	<20	87	<0.01	<10	23	<10	1	72
6	5002628	0.2	1.14	<5	25	<5	2.80	<1	75	1505	112	3.88	0.33	<10	>10	668	1	0.76	1437	60	4	25	<20	91	<0.01	<10	23	<10	2	67
7	5002630	3.4	6.51	160	1350	<5	2.42	2	10	101	69	4.19	1.39	10	1.31	614	13	1.93	43	950	298	50	<20	295	0.29	<10	120	<10	15	267
8	5002631	0.2	1.75	<5	15	<5	3.94	<1	80	1331	37	5.62	0.38	<10	>10	1044	3	0.87	1320	130	14	25	<20	64	0.05	<10	65	<10	3	60
9	5002632	0.2	3.13	<5	25	<5	5.56	<1	54	1041	32	4.61	0.39	<10	>10	946	2	0.90	859	90	14	15	<20	156	0.04	<10	55	<10	3	41
10	5002633	0.2	3.00	5	45	<5	8.40	<1	62	1363	33	4.33	0.32	<10	>10	1025	2	0.74	1101	70	14	25	<20	133	0.05	<10	52	<10	4	34
11	5002634	0.4	6.36	10	55	<5	>10	<1	67	1182	34	5.57	0.43	<10	>10	1283	3	1.00	844	120	22	20	<20	181	0.13	<10	107	<10	6	42
12	5002635	0.2	7.22	<5	670	<5	>10	<1	41	292	61	7.45	1.10	<10	6.90	1342	4	0.99	177	610	24	10	<20	247	0.71	<10	229	<10	18	58
13	5002636	0.2	7.19	5	455	<5	3.07	<1	13	59	17	3.85	1.08	10	1.48	716	8	2.66	34	800	32	<5	<20	399	0.36	<10	110	<10	15	67
14	5002637	0.2	6.10	<5	790	<5	6.58	<1	40	534	73	5.20	0.99	<10	4.90	905	3	0.77	326	400	24	15	<20	201	0.39	<10	130	<10	12	67
15	5002638	0.2	>10	<5	1615	<5	2.62	<1	39	373	94	6.70	1.90	<10	3.38	1307	4	1.20	102	770	32	15	<20	160	0.62	<10	205	<10	18	94
16	5002639	0.4	>10	5	650	<5	7.15	<1	46	407	273	7.50	1.00	<10	3.11	1336	5	3.35	112	840	36	10	<20	562	0.67	<10	215	<10	22	102
17	5002640	<0.2	>10	10	550	<5	8.07	<1	55	431	122	9.02	0.91	<10	3.24	1682	5	3.35	128	1190	42	15	<20	580	0.83	<10	213	<10	25	127
18	5002641	<0.2	>10	20	670	<5	3.49	<1	41	311	99	6.94	1.27	<10	2.72	1219	4	1.44	99	1000	34	30	<20	207	0.76	<10	231	<10	14	100
19	5002642	0.2	>10	15	640	<5	3.49	<1	48	340	108	7.54	1.19	<10	2.81	1170	5	1.60	120	1060	36	40	<20	229	0.75	<10	224	<10	14	104
20	5002643	<0.2	9.27	50	85	<5	1.50	<1	54	149	65	>10	0.93	10	3.20	1300	4	0.71	110	1710	36	85	<20	27	1.09	<10	295	<10	12	122
21	5002644	<0.2	7.33	<5	980	<5	0.72	<1	25	184	124	5.12	1.10	10	2.60	1047	8	0.52	79	870	28	25	<20	13	0.54	<10	162	<10	12	85
22	5002645	0.2	7.46	<5	1740	<5	2.53	<1	54	356	95	9.59	1.63	10	2.90	2528	5	0.60	269	1120	30	60	<20	25	0.88	<10	216	<10	21	116
23	5002646	<0.2	5.29	10	200	<5	4.48	<1	19	157	90	4.40	1.32	<10	2.38	1360	3	0.56	65	630	24	30	<20	196	0.32	<10	115	<10	10	50
24	5002647	<0.2	5.91	5	85	<5	2.41	<1	14	103	73	3.60	1.30	<10	1.22	885	3	0.62	28	690	26	5	<20	120	0.28	<10	112	<10	8	60
25	5002648	<0.2	6.56	<5	795	<5	2.01	<1	14	58	71	4.44	1.01	10	1.77	1117	3	0.50	19	840	26	5	<20	62	0.31	<10	110	<10	12	71

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	Ti	U	V	W	Y	Zn
26	5002648	<0.2	6.81	<5	815	<5	1.89	<1	13	58	75	4.28	1.08	10	1.91	1093	3	0.54	18	800	24	<5	<20	63	0.29	<10	117	<10	12	66
27	5002650	2.0	6.18	<5	520	<5	3.17	<1	10	39	6811	8.14	2.13	10	1.15	1004	10	1.40	22	820	48	35	<20	429	0.15	<10	89	<10	9	126
28	5002651	<0.2	4.68	<5	755	<5	2.28	<1	11	133	65	3.11	0.86	10	1.06	762	3	0.68	21	610	22	<5	<20	94	0.26	<10	89	<10	11	44
29	5002652	1.4	5.63	5	105	<5	2.37	4	42	146	4535	8.26	0.60	20	2.33	1355	35	0.49	46	1980	78	15	<20	74	0.25	<10	182	<10	12	707
30	5002653	0.4	5.72	15	720	<5	2.70	<1	17	108	187	4.76	0.91	10	1.43	1631	4	1.18	26	850	46	10	<20	158	0.30	<10	132	<10	11	151
31	5002654	<0.2	5.09	<5	1330	<5	3.16	<1	13	144	76	3.52	0.81	20	1.00	1200	3	1.24	25	530	24	5	<20	312	0.31	<10	105	<10	17	57
32	5002655	<0.2	3.58	5	630	<5	1.89	<1	10	135	83	2.34	0.49	<10	0.83	941	2	1.15	19	320	18	<5	<20	115	0.16	<10	48	<10	8	45
33	5002656	0.2	7.17	<5	460	<5	2.82	<1	13	58	18	3.79	1.09	10	1.50	640	6	2.71	32	760	32	<5	<20	402	0.36	<10	114	<10	15	61
34	5002657	<0.2	2.96	<5	370	<5	1.92	<1	9	163	44	2.22	0.29	<10	0.66	867	2	0.92	18	300	18	<5	<20	117	0.15	<10	49	<10	8	35
35	5002658	<0.2	4.69	<5	835	<5	2.17	<1	15	133	92	3.29	0.86	10	1.09	1332	4	1.36	23	590	28	<5	<20	168	0.29	<10	73	<10	14	67
36	5002659	0.2	5.17	<5	925	<5	2.27	<1	14	94	87	3.48	1.02	20	1.17	1768	3	1.29	22	680	28	<5	<20	271	0.36	<10	79	<10	17	65
37	5002660	0.4	3.51	<5	440	<5	0.72	<1	11	132	87	2.61	0.58	10	0.87	936	2	0.30	25	940	22	<5	<20	33	0.15	<10	87	<10	9	43
38	5002661	0.2	2.90	<5	470	<5	0.82	<1	7	115	91	1.82	0.54	10	0.67	625	1	0.29	15	390	12	<5	<20	37	0.12	<10	43	<10	6	34
39	5002662	<0.2	3.18	<5	510	<5	0.90	<1	8	117	80	1.95	0.60	10	0.71	651	2	0.34	16	430	16	<5	<20	42	0.12	<10	44	<10	6	37
40	5002663	<0.2	4.58	10	745	<5	1.57	<1	11	85	78	2.86	1.53	10	0.84	1325	3	0.36	18	500	26	5	<20	48	0.19	<10	68	<10	6	53
41	5002664	0.4	6.45	10	125	<5	4.20	<1	17	99	106	4.56	2.33	10	1.95	1630	5	0.53	32	910	34	15	<20	137	0.30	<10	141	<10	11	136
42	5002665	0.4	4.98	5	195	<5	2.34	<1	14	112	142	4.89	1.11	10	1.49	1455	3	0.40	36	720	26	10	<20	84	0.20	<10	121	<10	8	65
43	5002666	0.2	6.07	35	235	<5	3.70	<1	25	127	89	5.05	1.62	<10	1.98	1781	4	0.53	52	510	24	15	<20	105	0.38	<10	190	<10	10	38
44	5002667	0.2	7.19	30	660	<5	5.42	<1	31	154	17	7.05	1.23	<10	2.60	2875	4	0.60	69	680	54	35	<20	67	0.78	<10	245	<10	17	73
45	5002668	<0.2	8.57	<5	510	<5	6.72	<1	39	178	12	8.72	0.91	<10	4.38	1693	4	2.40	92	820	30	15	<20	139	0.99	<10	305	<10	30	72
46	5002668	<0.2	8.61	<5	515	<5	6.63	<1	43	177	11	9.12	0.92	<10	4.43	1731	4	2.42	90	900	34	15	<20	141	1.11	<10	312	<10	31	72
47	5002670	4.2	7.82	20	1270	<5	2.13	3	23	100	9964	6.12	3.12	30	1.20	360	278	1.17	40	1110	124	25	<20	290	0.16	<10	100	<10	11	140
48	5002671	<0.2	6.59	<5	460	<5	5.85	<1	28	110	92	6.94	0.76	20	2.44	1609	6	1.72	55	960	48	5	<20	207	0.60	<10	152	<10	19	102
49	5002672	<0.2	7.61	5	665	<5	6.10	<1	44	165	50	9.25	1.21	<10	4.01	2436	5	1.64	84	830	38	15	<20	113	0.82	<10	261	<10	23	86
50	5002673	0.2	6.54	50	830	<5	6.49	<1	30	149	50	6.75	1.87	<10	3.55	2150	4	0.66	64	670	32	15	<20	155	0.50	<10	220	<10	15	51
51	5002674	0.2	7.72	<5	585	<5	6.33	<1	40	161	12	9.27	1.08	<10	4.41	2154	4	2.19	83	820	32	15	<20	151	0.89	<10	277	<10	25	84
52	5002675	<0.2	8.02	<5	645	<5	6.66	<1	42	179	40	8.89	1.07	<10	4.57	1509	5	2.99	87	900	30	10	<20	138	1.07	<10	288	<10	30	77
53	5002676	<0.2	6.98	<5	455	<5	2.90	<1	11	57	16	3.77	1.06	10	1.51	637	5	2.62	29	770	30	<5	<20	397	0.34	<10	111	<10	15	58
54	5002677	<0.2	7.69	<5	515	<5	5.29	<1	41	172	60	8.04	0.73	<10	3.78	1513	4	1.78	87	800	28	10	<20	100	0.92	<10	269	<10	27	75
55	5002678	<0.2	7.65	<5	650	<5	4.93	<1	33	178	54	7.08	1.01	<10	4.66	1194	4	2.86	70	660	26	10	<20	101	0.76	<10	281	<10	24	66
56	5002679	0.4	5.29	60	55	<5	3.31	<1	21	95	60	3.66	1.34	<10	1.59	674	3	0.55	38	720	24	10	<20	96	0.27	<10	129	<10	8	41
57	5002680	0.2	3.28	20	405	<5	3.94	<1	8	129	6	1.96	0.79	<10	1.81	751	2	0.70	23	250	14	10	<20	160	0.15	<10	72	<10	6	39
58	5002681	<0.2	6.21	10	505	<5	3.85	<1	22	188	<1	4.40	0.60	<10	2.95	963	4	2.74	57	700	22	5	<20	117	0.52	<10	169	<10	14	28
59	5002682	<0.2	6.30	15	540	<5	5.38	<1	29	178	<1	5.60	0.64	<10	3.08	1129	5	2.93	72	880	30	10	<20	124	0.70	<10	170	<10	16	37
60	5002683	<0.2	3.83	15	525	<5	2.48	<1	8	87	27	1.33	0.68	<10	1.19	363	2	0.27	20	340	20	10	<20	88	0.17	<10	56	<10	6	43
61	5002684	<0.2	2.45	10	675	<5	1.90	<1	7	132	2	1.06	0.44	<10	0.93	261	2	0.24	20	380	14	10	<20	46	0.12	<10	32	<10	5	48
62	5002685	<0.2	8.24	10	570	<5	4.34	<1	34	197	<1	7.57	0.91	<10	4.44	1157	4	1.05	72	720	26	10	<20	77	0.78	<10	291	<10	28	50
63	5002686	<0.2	7.11	10	620	<5	4.51	<1	33	176	59	6.67	0.98	<10	3.42	1116	4	2.38	76	690	24	10	<20	143	0.74	<10	246	<10	25	41
64	5002687	<0.2	7.26	10	630	<5	5.45	<1	39	182	54	7.91	1.00	<10	3.48	1333	5	2.85	90	820	26	10	<20	146	0.88	<10	253	<10	26	58
65	5002708	<0.2	8.45	<5	125	<5	7.76	<1	40	169	10	9.05	0.51	<10	4.53	1613	5	3.28	82	930	34	10	<20	120	1.08	<10	292	<10	31	64

Alex Stewart Gr hemical
ECO TECH LAB ATORY LTD.

ICP CERTIFICATE OF ANALYS AW 2008- 8596

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	Ti	U	V	W	Y	Zn
66	5002708	<0.2	8.54	<5	125	<5	7.52	<1	39	178	13	8.71	0.52	<10	4.59	1565	5	3.36	80	910	36	10	<20	121	1.05	<10	292	<10	32	69
67	5002710	2.2	5.95	<5	535	<5	3.08	<1	10	34	6890	8.25	2.32	<10	1.15	1023	10	1.36	23	860	52	35	<20	415	0.16	<10	81	<10	8	120
68	5002711	<0.2	7.17	15	275	<5	7.39	<1	32	162	13	6.56	0.70	<10	3.38	1470	4	0.87	74	980	32	20	<20	111	0.53	<10	235	<10	21	72
69	5002712	<0.2	7.96	<5	180	<5	8.32	<1	45	189	<1	9.73	0.53	<10	4.30	1791	5	2.06	104	970	36	10	<20	98	1.07	<10	289	<10	28	81
70	5002713	<0.2	7.70	<5	230	<5	4.42	<1	34	165	<1	8.41	0.38	<10	3.24	1591	4	1.00	77	750	28	15	<20	71	0.87	<10	273	<10	30	51
71	5002714	<0.2	8.32	<5	270	<5	6.44	<1	38	193	7	8.33	0.73	<10	4.46	1333	4	2.54	85	830	30	10	<20	146	0.83	<10	297	<10	27	77
72	5002715	<0.2	8.51	<5	225	<5	7.43	<1	35	218	<1	7.71	0.80	<10	5.11	1248	4	2.95	80	740	24	5	<20	225	0.90	<10	308	<10	31	53
73	5002716	0.2	6.92	5	480	<5	2.88	<1	11	59	19	3.60	1.04	10	1.58	641	5	2.62	27	740	26	<5	<20	424	0.36	<10	110	<10	16	56
74	5002717	<0.2	8.51	<5	175	<5	6.73	<1	36	214	<1	7.97	0.69	<10	4.93	1506	4	2.87	83	780	30	10	<20	131	0.94	<10	308	<10	32	60
75	5002718	0.4	8.29	<5	235	<5	8.44	<1	42	214	1	9.45	0.73	<10	4.68	1897	5	2.82	101	930	44	10	<20	171	1.01	<10	288	<10	30	107
76	5002719	0.2	8.37	<5	190	<5	7.56	<1	37	197	3	8.16	0.74	<10	4.67	1316	4	3.43	84	830	28	10	<20	158	0.84	<10	288	<10	29	55
77	5002720	0.2	8.68	<5	140	<5	9.12	<1	44	212	<1	>10	0.62	<10	4.96	1803	5	3.41	102	960	34	10	<20	188	1.13	<10	309	<10	33	72
78	5002721	0.2	8.51	5	160	<5	7.32	<1	37	211	2	8.71	0.62	<10	4.34	1086	3	2.91	82	820	32	5	<20	307	0.89	<10	290	<10	31	70
79	5002722	0.2	8.48	5	170	<5	7.46	<1	36	208	<1	8.52	0.64	<10	4.20	1156	3	2.99	81	830	26	10	<20	306	0.90	<10	290	<10	31	59
80	5002723	<0.2	7.68	<5	245	<5	8.01	<1	30	167	3	6.51	0.64	<10	2.78	1082	3	2.56	71	800	24	5	<20	287	0.86	<10	268	<10	21	44
81	5002724	0.4	8.53	<5	270	<5	7.55	<1	39	185	<1	8.95	0.92	<10	4.55	1470	3	3.07	84	850	26	5	<20	155	0.99	<10	306	<10	32	75
82	5002725	0.4	8.27	<5	230	<5	7.53	<1	39	191	<1	8.98	0.75	<10	4.47	1299	4	3.25	86	850	24	5	<20	181	1.02	<10	293	<10	31	67
83	5002726	<0.2	8.41	<5	185	<5	7.56	<1	36	203	17	8.35	0.59	<10	4.36	1222	3	3.02	81	800	28	10	<20	254	0.91	<10	298	<10	31	69
84	5002727	<0.2	7.85	<5	250	<5	8.00	<1	44	309	29	9.02	0.86	<10	5.51	1347	3	2.91	119	770	26	5	<20	137	0.89	<10	292	<10	29	71
85	5002728	0.2	8.29	<5	235	<5	7.54	<1	42	262	36	9.10	0.82	<10	5.23	1234	4	3.11	104	810	26	10	<20	161	0.94	<10	298	<10	31	70
86	5002728	<0.2	8.46	<5	240	<5	7.62	<1	43	250	36	9.25	0.83	<10	5.33	1246	4	3.19	106	830	22	5	<20	165	0.96	<10	297	<10	31	71
87	5002730	4.0	7.76	15	1290	<5	1.89	2	20	102	9981	5.68	3.14	40	1.14	364	278	1.14	35	990	104	20	<20	285	0.16	<10	100	<10	11	131
88	5002731	0.2	7.98	<5	235	<5	6.81	<1	39	241	35	8.44	0.81	<10	5.12	1261	4	2.85	98	760	24	10	<20	132	0.86	<10	283	<10	30	67
89	5002732	0.2	8.45	<5	230	<5	7.87	<1	43	278	21	9.41	0.82	<10	5.57	1493	3	3.00	112	830	24	5	<20	138	0.94	<10	303	<10	31	72
90	5002733	0.2	8.14	<5	295	<5	7.40	<1	41	246	75	8.98	0.87	<10	5.23	1427	3	2.77	103	800	24	<5	<20	149	0.83	<10	289	<10	28	71
91	5002734	<0.2	8.00	5	290	<5	6.51	<1	42	255	20	9.05	0.85	<10	4.94	1370	3	2.08	110	820	24	10	<20	103	0.72	<10	280	<10	26	70
92	5002735	<0.2	8.01	<5	245	<5	7.59	<1	40	304	35	8.13	0.87	<10	5.64	1376	3	2.84	108	680	46	5	<20	134	0.76	<10	291	<10	30	101
93	5002736	0.2	7.09	<5	470	<5	3.11	<1	12	61	20	4.05	1.08	10	1.50	640	5	2.58	32	770	28	<5	<20	412	0.37	<10	119	<10	16	61
94	5002737	0.4	8.22	<5	200	<5	7.06	<1	42	259	40	8.86	0.76	<10	5.31	1354	4	2.94	104	750	28	5	<20	127	0.88	<10	298	<10	30	77
95	5002738	<0.2	7.95	<5	245	<5	7.38	<1	45	315	30	8.93	0.92	<10	5.82	1356	3	2.94	123	740	24	10	<20	94	0.84	<10	293	<10	30	68
96	5002739	0.4	7.92	<5	210	<5	7.61	<1	44	312	15	9.02	0.85	<10	5.71	1352	3	2.93	123	730	24	5	<20	115	0.86	<10	289	<10	29	69
QC DATA:																														
Repeat:																														
1	5002624	0.4	4.67	<5	1035	<5	>10	7	9	138	57	3.07	1.51	20	3.85	1017	67	0.48	75	890	22	5	<20	477	0.24	<10	391	<10	13	278
10	5002633	0.2	3.03	10	45	<5	8.31	<1	62	1349	33	4.10	0.33	<10	>10	996	2	0.76	1068	60	12	20	<20	135	0.05	<10	52	<10	3	30
19	5002642	<0.2	>10	15	600	<5	3.45	<1	47	351	110	7.61	1.23	<10	2.88	1162	5	1.62	118	1050	36	40	<20	236	0.76	<10	233	<10	14	103
28	5002659	<0.2	5.26	<5	940	<5	2.17	<1	18	96	92	3.41	1.04	20	1.19	1807	4	1.30	28	710	32	5	<20	277	0.36	<10	79	<10	18	69
36	5002668	0.2	8.45	<5	505	<5	6.89	<1	41	178	10	9.10	0.91	<10	4.31	1760	6	2.49	97	910	36	15	<20	137	1.01	<10	306	<10	30	77
45	5002677	<0.2	7.81	<5	525	<5	5.26	<1	35	174	62	7.77	0.75	<10	3.84	1475	4	1.81	78	770	26	10	<20	101	0.88	<10	266	<10	27	69
54	5002714	<0.2	8.22	<5	260	<5	6.38	<1	38	187	8	8.58	0.71	<10	4.36	1307	3	2.67	82	790	26	10	<20	139	0.81	<10	293	<10	26	78
71	5002723	<0.2	7.48	<5	240	<5	7.79	<1	28	163	8	6.36	0.61	<10	2.72	1019	3	2.53	67	770	24	<5	<20	283	0.85	<10	259	<10	21	41
80	5002732	0.2	8.21	<5	225	<5	7.62	<1	43	280	20	9.25	0.81	<10	5.36	1466	3	2.97	109	800	26	10	<20	130	0.91	<10	297	<10	31	75

Alex Stewart G[illegible]hemical
ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AW 2008- 8596 Hawthorne Gold Corp

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	Ti	U	V	W	Y	Zn
Resplit:																														
1	5002624	0.4	4.57	<5	1005	<5	>10	7	9	131	54	3.02	1.48	20	3.89	1042	64	0.49	72	920	26	5	<20	490	0.25	<10	374	<10	13	282
36	5002659	<0.2	5.26	<5	930	<5	1.99	<1	14	103	89	3.45	1.03	20	1.21	1785	3	1.31	22	690	26	<5	<20	282	0.36	<10	80	<10	17	64
71	5002714	0.2	8.18	<5	255	<5	6.71	<1	39	183	9	8.79	0.70	<10	4.30	1340	4	2.58	85	820	30	10	<20	134	0.83	<10	287	<10	26	81
Standard:																														
Stsd3		0.5	5.97	25	1330	<5	2.41	<1	15	58	32	4.21	1.46	30	1.24	2530	8	1.26	34	1770	54	10	<20	236	0.28	<10	108	<10	28	191
Stsd3		0.4	5.79	25	1370	<5	2.30	1	17	59	31	4.19	1.40	30	1.28	2526	9	1.19	37	1740	56	5	<20	242	0.31	<10	110	<10	29	205
Stsd3		0.5	5.85	20	1295	<5	2.33	<1	15	58	35	4.27	1.44	30	1.24	2496	8	1.27	33	1700	50	5	<20	260	0.29	<10	106	<10	28	197

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

ECO TECH LABORATORY LTD.
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df/td8596s
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CERTIFICATE OF ASSAY AW 2008-8579

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

11-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0007
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
4	5002806	2.64
5	5002807	2.60
6	5002808	2.54
9	5002811	2.50
10	5002812	2.42
11	5002813	2.61
13	5002815	2.75
15	5002817	2.74
16	5002818	2.74

QC DATA:

Repeat:

4	5002806	2.63

Standard:

SG-1	2.59

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CERTIFICATE OF ASSAY AW 2008-8579

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0007
Submitted by: Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5002803		0.05	0.001
2	5002804		<0.03	<0.001
3	5002805		0.03	0.001
4	5002806		0.03	0.001
5	5002807		<0.03	<0.001
6	5002808		1.03	0.030
7	5002808 Dup		1.18	0.034
8	5002810		3.39	0.099
9	5002811		5.45	0.159
10	5002812	*	92.9	2.710
11	5002813	*	16.2	0.472
12	5002814		<0.03	<0.001
13	5002815		0.25	0.007
14	5002816		<0.03	<0.001
15	5002817		0.19	0.006
16	5002818		0.09	0.003
17	5002819		0.03	0.001
18	5002820		<0.03	<0.001
19	5002821		<0.03	<0.001
20	5002822		<0.03	<0.001

QC DATA:

Repeat:

1	5002803	0.05	0.001
9	5002811	5.40	0.157
13	5002815	0.22	0.006

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Hawthorne Gold Corp AW 2008 - 8579 12-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Resplit:			
1	5002803	0.03	0.001
Standard:			
HiSilk2		3.45	0.101

** Metallic Au Assay*
JJ/ap
XLS/08

ECO TECH LABORATORY LTD.
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11-No- 08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8579

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0007
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002803	0.6	6.59	20	615	<5	4.62	<1	28	161	85	6.46	1.43	<10	2.38	1673	4	0.68	58	670	28	20	<20	165	0.37	<10	228	<10	15	100
2	5002804	0.4	6.43	10	375	<5	3.75	<1	31	174	76	7.13	0.85	<10	2.29	2420	8	0.26	64	780	30	30	<20	69	0.54	<10	215	<10	15	101
3	5002805	0.4	5.89	25	595	<5	2.97	<1	23	158	70	4.82	1.18	<10	1.66	2757	3	0.30	44	520	28	20	<20	80	0.34	<10	180	<10	12	45
4	5002806	0.2	4.06	20	335	<5	2.29	<1	13	134	41	2.79	0.61	<10	1.04	1060	4	0.18	24	400	22	10	<20	53	0.22	<10	94	<10	11	63
5	5002807	0.4	7.65	<5	275	<5	2.51	<1	31	172	75	6.09	0.43	<10	2.98	1477	5	0.46	72	710	28	10	<20	109	0.65	<10	245	<10	25	65
6	5002808	0.4	7.25	20	690	<5	4.96	<1	33	174	51	7.12	1.24	<10	3.01	2099	5	0.90	75	750	28	20	<20	102	0.57	<10	223	<10	19	78
7	5002808 Dup	0.5	7.33	15	710	<5	5.15	<1	32	173	50	7.17	1.30	<10	3.07	2115	5	0.91	76	760	28	15	<20	104	0.56	<10	231	<10	19	77
8	5002810	3.4	6.50	160	1375	<5	2.48	2	10	101	68	4.29	1.35	10	1.25	613	13	1.86	47	970	282	50	<20	297	0.31	<10	129	<10	16	268
9	5002811	2.0	3.40	40	255	<5	1.82	<1	9	112	36	2.29	0.99	<10	1.01	721	2	0.15	18	370	18	10	<20	78	0.08	<10	51	<10	6	51
10	5002812	12.2	0.34	30	40	<5	0.41	3	2	139	126	1.73	0.08	<10	0.18	77	2	0.08	11	50	36	70	<20	10	<0.01	<10	7	<10	<1	1472
11	5002813	2.4	1.16	40	175	<5	1.27	<1	7	157	31	2.35	0.42	<10	0.53	217	2	0.07	21	60	18	10	<20	48	0.04	<10	35	<10	3	221
12	5002814	0.6	7.03	<5	455	<5	3.11	<1	12	58	20	3.80	0.99	<10	1.44	655	6	2.53	28	770	26	5	<20	392	0.36	<10	119	<10	16	60
13	5002815	0.6	7.35	45	970	<5	6.49	<1	33	165	<1	7.35	1.87	<10	3.84	1285	4	0.50	77	720	24	25	<20	185	0.48	<10	244	<10	22	51
14	5002816	0.2	7.17	5	475	<5	3.06	<1	10	62	18	3.61	1.06	10	1.51	610	4	2.58	28	740	26	5	<20	412	0.33	<10	124	<10	17	54
15	5002817	0.2	7.38	55	835	<5	5.86	<1	27	178	<1	6.26	1.62	<10	4.15	1073	3	0.81	63	660	28	25	<20	193	0.42	<10	251	<10	24	42
16	5002818	0.4	7.43	35	355	<5	6.44	<1	33	178	24	7.52	0.65	<10	4.08	1328	3	2.90	75	750	28	15	<20	134	0.77	<10	270	<10	28	56
17	5002819	0.4	8.05	10	380	<5	6.90	<1	39	220	18	8.58	0.62	<10	4.29	1752	3	2.04	89	870	26	10	<20	202	0.91	<10	283	<10	30	68
18	5002820	1.0	7.98	<5	280	<5	4.07	<1	36	211	35	8.02	0.43	<10	3.93	1155	3	0.68	88	810	28	10	<20	108	0.80	<10	286	10	30	79
19	5002821	0.6	8.07	5	250	<5	6.76	<1	37	191	32	8.26	0.45	<10	3.79	1238	4	1.93	86	830	30	25	<20	192	0.91	<10	289	<10	31	70
20	5002822	0.6	8.20	5	215	<5	6.17	<1	31	201	31	7.82	0.42	<10	3.71	1112	3	1.93	76	760	26	20	<20	214	0.79	<10	293	<10	32	59
QC DATA:																														
Repeat:																														
1	5002803	0.6	6.61	15	610	<5	4.56	<1	30	157	85	6.57	1.43	<10	2.38	1720	4	0.70	60	680	28	20	<20	162	0.40	<10	231	<10	16	102
10	5002812	10.9	0.29	35	35	<5	0.38	3	2	145	126	1.61	0.06	<10	0.18	73	<1	0.07	10	40	34	65	<20	8	<0.01	<10	7	<10	<1	1430
Resplit:																														
1	5002803	0.5	6.40	20	635	<5	4.40	<1	27	156	85	6.45	1.39	<10	2.27	1613	3	0.73	58	640	30	15	<20	160	0.39	<10	219	<10	14	98

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
STSD-3		0.5	5.70	25	1290	<5	2.51	<1	15	58	30	4.21	1.41	30	1.30	2474	9	1.19	34	1710	40	5	<20	250	0.28	<10	111	<10	28	199

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/nw
df/tf8577s
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AW 2008-8600

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

18-Nov-08

No. of samples received: 153
Sample Type:Core
Project: H1005
Shipment #:2008/0013
Submitted by:Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002740	<0.03	<0.001
2	5002741	<0.03	<0.001
3	5002742	<0.03	<0.001
4	5002743	<0.03	<0.001
5	5002744	<0.03	<0.001
6	5002745	<0.03	<0.001
7	5002746	<0.03	<0.001
8	5002747	<0.03	<0.001
9	5002748	<0.03	<0.001
10	5002748	<0.03	<0.001
11	5002750	3.38	0.099
12	5002751	<0.03	<0.001
13	5002752	<0.03	<0.001
14	5002753	<0.03	<0.001
15	5002754	<0.03	<0.001
16	5002755	<0.03	<0.001
17	5002756	<0.03	<0.001
18	5002757	<0.03	<0.001
19	5002758	<0.03	<0.001
20	5002759	<0.03	<0.001
21	5002760	<0.03	<0.001
22	5002761	<0.03	<0.001
23	5002762	<0.03	<0.001
24	5002763	<0.03	<0.001
25	5002764	<0.03	<0.001
26	5002765	<0.03	<0.001

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Hawthorne Gold Corp - AW 2008-8600 18-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	5002766	<0.03	<0.001
28	5002767	<0.03	<0.001
29	5002768	<0.03	<0.001
30	5002768	<0.03	<0.001
31	5002770	0.72	0.021
32	5002771	<0.03	<0.001
33	5002772	<0.03	<0.001
34	5002773	<0.03	<0.001
35	5002774	<0.03	<0.001
36	5002775	<0.03	<0.001
37	5002776	<0.03	<0.001
38	5002777	<0.03	<0.001
39	5002778	<0.03	<0.001
40	5002779	<0.03	<0.001
41	5002780	<0.03	<0.001
42	5002781	<0.03	<0.001
43	5002782	<0.03	<0.001
44	5002783	<0.03	<0.001
45	5002784	<0.03	<0.001
46	5002785	<0.03	<0.001
47	5002786	<0.03	<0.001
48	5002787	<0.03	<0.001
49	5002788	<0.03	<0.001
50	5002788	<0.03	<0.001
51	5002790	1.46	0.043
52	5002791	<0.03	<0.001
53	5002792	<0.03	<0.001
54	5002793	<0.03	<0.001
55	5002794	<0.03	<0.001
56	5002795	0.09	0.003
57	5002796	<0.03	<0.001
58	5002797	0.42	0.012
59	5002798	0.37	0.011
60	5002799	0.04	0.001
61	5002800	<0.03	<0.001
62	5002801	0.05	0.001
63	5002802	0.06	0.002
64	5002823	<0.03	<0.001
65	5002824	<0.03	<0.001
66	5002825	<0.03	<0.001

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Hawthorne Gold Corp - AW 2008-8600

18-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
67	5002826	<0.03	<0.001
68	5002827	<0.03	<0.001
69	5002828	<0.03	<0.001
70	5002828	<0.03	<0.001
71	5002830	0.74	0.022
72	5002831	<0.03	<0.001
73	5002832	0.03	0.001
74	5002833	<0.03	<0.001
75	5002834	<0.03	<0.001
76	5002835	<0.03	<0.001
77	5002836	<0.03	<0.001
78	5002837	<0.03	<0.001
79	5002838	<0.03	<0.001
80	5002839	<0.03	<0.001
81	5002840	<0.03	<0.001
82	5002841	<0.03	<0.001
83	5002842	<0.03	<0.001
84	5002843	<0.03	<0.001
85	5002844	<0.03	<0.001
86	5002845	<0.03	<0.001
87	5002846	<0.03	<0.001
88	5002847	<0.03	<0.001
89	5002848	<0.03	<0.001
90	5002848	<0.03	<0.001
91	5002850	1.46	0.043
92	5002851	<0.03	<0.001
93	5002852	0.04	0.001
94	5002853	<0.03	<0.001
95	5002854	0.06	0.002
96	5002855	<0.03	<0.001
97	5002856	<0.03	<0.001
98	5002857	<0.03	<0.001
99	5002858	<0.03	<0.001
100	5002859	<0.03	<0.001
101	5002860	<0.03	<0.001
102	5002861	<0.03	<0.001
103	5002862	<0.03	<0.001
104	5002863	<0.03	<0.001
105	5002864	<0.03	<0.001
106	5002865	<0.03	<0.001
107	5002866	<0.03	<0.001

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Hawthorne Gold Corp - AW 2008-8600

18-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
108	5002867	<0.03	<0.001
109	5002868	<0.03	<0.001
110	5002868	<0.03	<0.001
111	5002870	3.37	0.098
112	5002871	<0.03	<0.001
113	5002872	<0.03	<0.001
114	5002873	<0.03	<0.001
115	5002874	<0.03	<0.001
116	5002875	<0.03	<0.001
117	5002876	<0.03	<0.001
118	5002877	<0.03	<0.001
119	5002878	<0.03	<0.001
120	5002879	<0.03	<0.001
121	5002880	<0.03	<0.001
122	5002881	<0.03	<0.001
123	5002882	<0.03	<0.001
124	5002883	0.87	0.025
125	5002884	<0.03	<0.001
126	5002885	<0.03	<0.001
127	5002886	<0.03	<0.001
128	5002887	<0.03	<0.001
129	5002888	<0.03	<0.001
130	5002888	<0.03	<0.001
131	5002890	1.44	0.042
132	5002891	<0.03	<0.001
133	5002892	<0.03	<0.001
134	5002893	<0.03	<0.001
135	5002894	<0.03	<0.001
136	5002895	<0.03	<0.001
137	5002896	<0.03	<0.001
138	5002897	<0.03	<0.001
139	5002898	<0.03	<0.001
140	5002899	0.12	0.003
141	5002900	0.09	0.003
142	5002901	<0.03	<0.001
143	5002902	<0.03	<0.001
144	5002903	<0.03	<0.001
145	5002904	<0.03	<0.001
146	5002905	<0.03	<0.001
147	5002906	<0.03	<0.001
148	5002907	<0.03	<0.001

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Hawthorne Gold Corp - AW 2008-8600 18-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
149	5002908	<0.03	<0.001
150	5002908	<0.03	<0.001
151	5002910	1.48	0.043
152	5002911	<0.03	<0.001
153	5002912	<0.03	<0.001
QC DATA:			
Repeat:			
1	5002740	<0.03	<0.001
10	5002748	<0.03	<0.001
19	5002758	<0.03	<0.001
36	5002775	<0.03	<0.001
45	5002784	<0.03	<0.001
54	5002793	<0.03	<0.001
69	5002828	0.36	0.010
72	5002831	<0.03	<0.001
80	5002839	<0.03	<0.001
89	5002848	<0.03	<0.001
106	5002865	<0.03	<0.001
115	5002874	<0.03	<0.001
124	5002883	0.90	0.026
141	5002900	0.09	0.003
150	5002908	<0.03	<0.001
Resplit:			
1	5002740	<0.03	<0.001
36	5002775	<0.03	<0.001
72	5002831	<0.03	<0.001
106	5002865	<0.03	<0.001
141	5002900	0.09	0.003
Standard:			
Oxi67		1.86	0.054
HiSilk2		3.40	0.099
Oxi67		1.80	0.052
HiSilk2		3.42	0.100
Oxi67		1.82	0.053

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

Eco Tech Laboratory Ltd.
10041 Dallas Drive,
Kamloops, British Columbia,
V2C 6T4, Canada
Tel + 250 573 5700
Fax + 250 573 4557
www.alexstewart.com

JJ/ap
XLS/08

21-No- 08

Alex Stewart Ge .iemical
ECO TECH LABORATORY LTD.
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KAMLOOPS, B.C.
V2C 6T4
www.alexstewart.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8600

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 153
Sample Type:Core
Project: H1005
Shipment #:2008/0013
Submitted by:Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002740	0.2	4.48	<5	1175	<5	1.90	<1	14	130	70	4.02	1.40	20	2.00	514	6	0.40	45	460	42	5	<20	88	0.16	<10	90	<10	8	76
2	5002741	<0.2	8.35	<5	2760	<5	5.57	<1	24	162	64	6.63	2.51	20	4.17	1265	9	0.85	57	570	38	5	<20	248	0.25	<10	254	<10	11	129
3	5002742	0.2	4.76	<5	135	<5	3.36	<1	23	150	70	3.34	2.04	20	1.22	709	5	0.35	65	520	42	5	<20	148	0.18	<10	122	<10	8	118
4	5002743	0.4	4.45	<5	130	<5	3.01	2	20	161	76	2.98	1.96	20	1.09	650	10	0.33	60	600	38	10	<20	141	0.17	<10	145	<10	8	144
5	5002744	<0.2	2.25	<5	25	<5	0.69	<1	60	1136	12	4.62	0.34	<10	>10	504	5	0.80	1052	660	12	20	<20	25	0.03	<10	75	<10	3	67
6	5002745	<0.2	1.09	<5	10	<5	3.89	<1	77	1713	11	4.80	0.34	<10	>10	861	<1	0.83	1446	40	10	25	<20	98	<0.01	<10	31	<10	<1	30
7	5002746	0.2	0.86	<5	<5	<5	5.22	<1	72	1629	11	4.39	0.28	<10	>10	1029	<1	0.69	1425	30	10	25	<20	108	<0.01	<10	23	<10	<1	30
8	5002747	<0.2	0.84	<5	5	<5	4.72	<1	71	1514	8	4.30	0.30	<10	>10	1026	<1	0.74	1447	30	10	25	<20	99	<0.01	<10	20	<10	<1	28
9	5002748	0.2	0.74	<5	5	<5	4.43	<1	77	1860	10	4.37	0.27	<10	>10	854	<1	0.66	1528	30	18	30	<20	106	<0.01	<10	18	<10	<1	29
10	5002748	0.4	0.73	<5	10	<5	4.77	<1	76	1891	12	4.47	0.26	<10	>10	869	<1	0.64	1486	40	20	30	<20	106	<0.01	<10	17	<10	<1	31
11	5002750	3.6	6.79	160	1320	<5	2.52	2	10	99	71	4.37	1.28	10	1.23	595	13	1.88	45	970	298	50	<20	285	0.30	<10	125	<10	15	277
12	5002751	0.4	1.11	<5	30	<5	2.31	<1	97	1989	23	5.51	0.34	<10	>10	507	<1	0.80	1754	40	26	35	<20	99	0.01	<10	32	<10	<1	38
13	5002752	0.4	1.06	<5	5	<5	0.31	<1	81	1742	24	5.16	0.29	<10	>10	175	<1	0.69	1523	40	20	35	<20	19	<0.01	<10	28	<10	<1	37
14	5002753	0.2	0.94	<5	5	<5	0.59	<1	68	1619	18	4.28	0.29	<10	>10	239	<1	0.69	1325	50	22	30	<20	35	<0.01	<10	23	<10	<1	42
15	5002754	0.4	0.97	<5	5	<5	0.45	<1	77	1873	11	4.70	0.32	<10	>10	252	1	0.75	1482	40	20	35	<20	25	<0.01	<10	24	<10	<1	34
16	5002755	0.6	0.87	<5	<5	<5	0.43	<1	77	1882	11	4.29	0.32	<10	>10	233	<1	0.76	1628	40	20	30	<20	25	<0.01	<10	19	<10	<1	36
17	5002756	0.2	6.77	<5	445	<5	2.76	<1	11	61	18	3.63	0.99	<10	1.41	618	4	2.45	33	760	32	5	<20	393	0.34	<10	112	<10	15	56
18	5002757	0.4	0.73	<5	10	<5	0.85	<1	71	1615	9	4.10	0.27	<10	>10	328	<1	0.66	1310	40	32	30	<20	42	<0.01	<10	17	<10	<1	36
19	5002758	0.4	0.79	<5	5	<5	1.60	<1	60	1372	11	5.25	0.32	<10	>10	576	1	0.75	1129	50	28	30	<20	57	<0.01	<10	18	<10	<1	31
20	5002759	0.4	0.99	<5	10	<5	1.31	<1	86	2257	17	5.26	0.35	<10	>10	428	<1	0.84	1617	50	34	40	<20	52	0.02	<10	29	<10	<1	40
21	5002760	0.2	0.98	<5	<5	<5	1.30	<1	87	2400	15	4.80	0.35	<10	>10	460	1	0.85	1810	50	32	40	<20	59	<0.01	<10	25	<10	<1	40
22	5002761	0.4	1.04	<5	10	<5	1.42	<1	92	2136	19	5.26	0.37	<10	>10	539	1	0.89	1878	50	34	40	<20	50	0.01	10	28	<10	<1	40
23	5002762	0.2	0.92	<5	10	<5	1.31	<1	80	1990	9	4.99	0.33	<10	>10	501	<1	0.79	1560	40	22	35	<20	46	<0.01	<10	23	<10	<1	37
24	5002763	0.8	0.83	<5	5	<5	1.29	<1	100	2320	17	5.27	0.33	<10	>10	502	<1	0.79	1962	50	42	40	<20	44	<0.01	<10	21	<10	<1	46
25	5002764	0.4	0.85	<5	10	<5	0.97	<1	100	1938	13	5.41	0.35	<10	>10	416	<1	0.82	1852	50	20	30	<20	31	<0.01	<10	20	<10	<1	43

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5002765	0.4	0.88	<5	15	<5	1.97	<1	74	1839	18	5.14	0.35	<10	>10	621	<1	0.83	1337	40	24	35	<20	105	<0.01	<10	22	<10	<1	35
27	5002766	0.2	0.91	<5	15	<5	1.39	<1	105	2541	10	5.27	0.34	<10	>10	473	<1	0.81	2015	50	28	40	<20	68	0.01	<10	28	<10	<1	53
28	5002767	0.4	0.84	<5	10	<5	0.92	<1	88	2003	17	4.90	0.32	<10	>10	377	1	0.75	1724	50	28	35	<20	39	<0.01	<10	23	<10	<1	54
29	5002768	0.4	0.93	<5	10	<5	1.53	<1	101	2517	9	4.99	0.33	<10	>10	645	1	0.78	2035	40	22	40	<20	54	0.01	<10	30	<10	3	93
30	5002768	0.2	0.95	<5	10	<5	1.46	<1	113	2602	14	5.16	0.34	<10	>10	647	<1	0.80	2087	50	18	40	<20	51	0.01	<10	28	<10	2	95
31	5002770	2.0	5.78	<5	530	<5	2.94	<1	8	40	6789	8.01	2.21	<10	1.09	961	9	1.32	25	790	48	35	<20	398	0.14	<10	82	<10	8	124
32	5002771	0.6	1.60	<5	15	<5	2.59	<1	66	1584	18	4.98	0.34	<10	>10	811	3	0.81	1217	250	12	25	<20	80	0.01	<10	73	<10	5	65
33	5002772	0.2	1.46	<5	30	<5	2.22	<1	51	1135	15	3.32	0.30	<10	>10	516	2	0.72	992	230	12	25	<20	62	<0.01	<10	45	<10	2	51
34	5002773	0.4	1.32	<5	10	<5	0.87	<1	81	1670	33	5.14	0.34	<10	>10	249	1	0.81	1530	70	14	30	<20	33	0.01	<10	41	<10	2	44
35	5002774	0.4	1.16	<5	10	<5	1.19	<1	83	1589	20	4.77	0.32	<10	>10	413	<1	0.75	1398	130	16	30	<20	47	0.01	<10	34	<10	1	45
36	5002775	0.2	0.95	<5	100	<5	3.03	<1	60	1377	9	4.83	0.31	<10	>10	341	<1	0.74	1070	40	16	30	<20	123	<0.01	<10	27	<10	<1	47
37	5002776	0.2	6.97	<5	450	<5	2.41	<1	11	63	20	3.84	1.04	<10	1.43	671	5	2.46	31	760	30	<5	<20	386	0.36	<10	112	<10	15	61
38	5002777	0.2	1.46	<5	15	<5	2.91	<1	92	2075	16	5.17	0.39	<10	>10	779	<1	0.92	1620	40	14	30	<20	77	0.01	<10	49	<10	<1	37
39	5002778	<0.2	1.00	<5	10	<5	2.10	<1	74	1805	16	4.84	0.35	<10	>10	432	<1	0.83	1486	40	14	30	<20	55	<0.01	<10	29	<10	<1	37
40	5002779	0.2	1.04	<5	10	<5	3.72	<1	82	1934	16	4.80	0.34	<10	>10	614	<1	0.79	1537	40	10	30	<20	92	0.01	<10	34	<10	<1	35
41	5002780	0.4	0.97	<5	15	<5	5.05	<1	81	1897	12	4.85	0.31	<10	>10	633	1	0.74	1524	40	10	30	<20	96	<0.01	<10	32	<10	<1	32
42	5002781	0.4	0.96	<5	30	<5	4.44	<1	67	1588	11	4.43	0.31	<10	>10	843	<1	0.71	1301	40	14	30	<20	103	<0.01	<10	26	<10	<1	32
43	5002782	0.4	0.89	<5	30	<5	4.32	<1	73	1576	10	4.40	0.29	<10	>10	799	<1	0.68	1380	40	14	30	<20	98	<0.01	<10	28	<10	<1	35
44	5002783	0.4	0.96	<5	85	<5	3.72	<1	76	1828	11	4.80	0.27	<10	>10	506	<1	0.60	1406	40	10	35	<20	93	<0.01	<10	38	<10	<1	42
45	5002784	0.4	0.91	<5	395	<5	8.15	<1	84	2172	23	4.17	0.11	<10	4.82	742	1	0.14	1784	40	10	35	<20	172	<0.01	<10	36	<10	2	48
46	5002785	1.0	6.32	10	910	<5	6.58	<1	33	276	65	6.70	1.49	<10	6.54	1641	3	0.76	154	780	38	25	<20	152	0.49	<10	218	<10	19	145
47	5002786	0.8	7.86	15	775	<5	4.38	<1	22	143	30	4.22	1.70	<10	2.53	1919	3	0.62	70	510	60	15	<20	134	0.34	<10	160	<10	16	213
48	5002787	0.6	7.36	<5	335	<5	4.87	<1	33	201	193	5.38	0.57	10	2.32	962	4	0.80	89	710	42	15	<20	315	0.76	<10	227	70	24	102
49	5002788	0.4	7.36	<5	695	<5	2.51	<1	30	208	55	6.03	0.79	10	2.41	1107	4	1.75	69	770	32	10	<20	401	0.75	<10	230	40	25	87
50	5002788	0.4	7.56	<5	705	<5	3.36	<1	28	222	57	5.84	0.82	10	2.46	1074	4	1.80	65	740	34	10	<20	416	0.73	<10	234	40	26	81
51	5002790	4.0	7.48	15	1270	<5	1.68	2	18	96	>10000	5.48	3.17	30	1.07	336	279	1.14	31	990	108	20	<20	266	0.15	<10	102	<10	11	137
52	5002791	0.6	8.98	<5	1355	<5	1.85	<1	45	231	67	8.11	1.46	<10	3.67	1460	6	0.72	106	1030	50	20	<20	211	1.05	<10	323	70	22	119
53	5002792	0.6	6.68	<5	990	<5	1.08	<1	24	193	50	4.39	1.28	<10	2.16	996	4	0.41	60	580	32	10	<20	38	0.43	<10	176	<10	15	83
54	5002793	0.4	9.66	<5	1035	<5	2.04	<1	45	408	152	6.21	1.58	<10	2.82	1170	4	0.62	109	810	46	15	<20	63	0.57	<10	225	<10	16	119
55	5002794	0.6	9.80	<5	925	<5	2.43	<1	50	395	97	7.06	1.60	<10	3.27	1330	4	0.76	123	890	46	15	<20	71	0.57	<10	195	<10	16	107
56	5002795	0.6	9.42	15	1070	<5	3.79	<1	48	308	132	6.99	2.38	<10	2.69	1552	4	0.65	134	840	48	25	<20	119	0.44	<10	205	<10	9	99
57	5002796	0.2	6.77	<5	445	<5	2.65	<1	10	55	19	3.59	0.98	<10	1.43	635	4	2.30	26	700	28	5	<20	386	0.33	<10	118	<10	14	55
58	5002797	1.0	6.36	<5	90	<5	2.83	<1	16	62	85	4.67	1.93	<10	1.55	1043	4	0.45	27	910	42	10	<20	153	0.21	<10	142	<10	8	73
59	5002798	0.6	0.95	15	230	<5	1.58	<1	4	174	21	1.58	0.39	<10	1.01	602	2	0.07	12	90	24	15	<20	82	0.02	<10	31	<10	3	78
60	5002799	0.6	4.59	<5	885	<5	1.52	<1	11	105	85	2.76	1.05	10	1.09	988	3	0.40	24	560	36	10	<20	49	0.21	<10	94	<10	10	71
61	5002800	0.4	5.57	<5	595	<5	1.11	<1	21	112	86	4.54	0.74	<10	1.68	1387	4	0.42	42	640	46	10	<20	33	0.41	<10	167	<10	13	89
62	5002801	0.6	5.01	20	715	<5	2.29	<1	20	119	96	3.88	1.04	10	1.44	1496	3	0.54	35	540	38	10	<20	99	0.19	<10	150	<10	8	71
63	5002802	0.4	4.94	30	715	<5	2.18	<1	19	114	99	3.94	1.01	<10	1.52	1565	3	0.54	37	530	34	10	<20	93	0.21	<10	153	<10	9	82
64	5002823	<0.2	7.04	<5	420	<5	4.27	<1	36	174	9	7.35	0.79	<10	3.83	1319	3	1.68	76	730	44	20	<20	133	0.65	<10	279	<10	21	67
65	5002824	0.4	7.24	<5	420	<5	4.35	<1	35	199	13	7.38	0.77	<10	4.16	1220	4	2.77	79	760	30	10	<20	210	0.79	<10	304	<10	28	52

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	5002825	0.6	7.31	<5	265	<5	4.93	<1	35	207	4	7.36	0.57	<10	3.90	1110	4	2.78	81	760	34	15	<20	255	0.85	<10	289	<10	28	54
67	5002826	0.4	8.11	<5	280	<5	7.63	<1	35	217	<1	7.58	0.41	<10	4.35	1380	4	2.78	78	750	34	10	<20	307	0.86	<10	284	<10	30	54
68	5002827	0.4	8.15	<5	810	<5	7.23	<1	34	207	30	7.30	0.82	<10	4.51	1143	4	2.88	79	720	32	10	<20	197	0.72	<10	272	<10	27	63
69	5002828	0.4	7.59	15	635	<5	6.95	<1	38	217	43	7.51	0.89	<10	4.11	1170	4	2.04	89	790	32	15	<20	173	0.70	<10	256	<10	20	69
70	5002828	0.4	7.87	15	660	<5	6.90	<1	37	226	46	7.57	0.94	<10	4.22	1172	4	2.16	89	800	32	15	<20	182	0.70	<10	263	<10	22	66
71	5002830	2.0	6.14	<5	525	<5	2.94	<1	8	36	6869	8.26	2.27	10	1.18	993	9	1.35	20	790	46	30	<20	412	0.14	<10	77	<10	8	128
72	5002831	0.4	8.01	10	620	<5	6.37	<1	36	241	54	7.52	0.84	<10	4.72	1178	3	2.23	89	790	24	10	<20	196	0.64	<10	279	<10	24	67
73	5002832	0.2	7.69	25	635	<5	7.53	<1	37	211	33	7.47	0.92	<10	4.54	1208	3	1.73	88	700	22	15	<20	177	0.65	<10	260	<10	23	69
74	5002833	0.4	7.52	20	560	<5	6.51	<1	35	207	36	7.58	0.67	<10	4.51	1241	4	2.55	87	730	24	10	<20	162	0.80	<10	251	<10	27	65
75	5002834	0.2	7.54	<5	460	<5	7.53	<1	36	223	29	7.89	0.60	<10	4.43	1296	3	2.43	89	750	28	10	<20	310	0.81	<10	264	<10	27	64
76	5002835	0.4	2.74	10	630	<5	1.75	<1	16	172	50	2.07	0.56	<10	0.91	856	2	0.33	26	320	36	10	<20	47	0.15	<10	47	<10	7	107
77	5002836	0.4	7.03	<5	450	<5	3.12	<1	12	57	19	3.85	1.00	10	1.45	691	4	2.45	29	790	30	<5	<20	395	0.37	<10	107	<10	15	60
78	5002837	0.4	5.35	<5	640	<5	3.45	<1	29	156	79	5.22	0.61	<10	2.90	1441	2	0.47	55	550	24	10	<20	63	0.42	<10	163	<10	15	86
79	5002838	0.4	5.68	15	830	<5	3.03	<1	25	163	31	4.95	0.61	<10	2.39	1374	3	1.14	54	560	24	5	<20	82	0.40	<10	175	<10	16	55
80	5002839	0.4	8.04	<5	390	<5	6.60	<1	35	207	54	7.92	0.50	<10	4.51	1375	3	2.81	82	770	30	10	<20	194	0.87	<10	274	<10	30	73
81	5002840	0.2	7.92	<5	450	<5	7.04	<1	37	199	38	7.95	0.54	<10	4.73	1259	3	2.87	84	770	28	10	<20	149	0.84	<10	268	<10	29	69
82	5002841	0.4	8.35	20	540	<5	6.41	<1	37	217	56	7.97	0.62	<10	4.86	1248	3	3.06	87	780	28	10	<20	125	0.86	<10	288	<10	31	73
83	5002842	0.4	8.18	25	555	<5	6.46	<1	38	208	51	8.28	0.63	<10	4.73	1287	3	2.94	93	820	28	10	<20	119	0.89	<10	278	<10	30	80
84	5002843	0.2	8.26	<5	550	<5	6.27	<1	38	217	49	8.29	0.63	<10	4.97	1232	4	2.91	90	800	30	10	<20	95	0.91	<10	286	<10	30	74
85	5002844	0.2	7.98	10	865	<5	6.81	<1	37	192	55	8.09	0.92	<10	4.71	1425	3	2.54	85	800	26	10	<20	143	0.77	<10	270	<10	28	72
86	5002845	0.2	7.94	<5	625	<5	6.48	<1	37	221	48	8.25	0.65	<10	4.45	1557	5	2.73	86	920	30	10	<20	218	0.90	<10	276	<10	30	103
87	5002846	0.4	3.40	10	1425	<5	3.61	4	12	434	60	2.58	1.05	30	1.19	616	66	0.21	75	6690	24	20	<20	60	0.17	<10	132	<10	36	174
88	5002847	0.8	3.00	<5	1070	<5	1.13	<1	13	152	78	2.27	0.64	<10	0.75	491	2	0.18	20	350	20	10	<20	23	0.16	<10	91	<10	7	36
89	5002848	0.2	3.19	<5	980	<5	0.53	<1	15	125	62	2.47	0.55	10	0.71	482	2	0.18	19	370	24	5	<20	17	0.16	<10	97	<10	8	45
90	5002848	0.4	3.26	<5	990	<5	0.54	<1	15	125	61	2.51	0.57	10	0.71	491	2	0.18	20	380	24	<5	<20	20	0.17	<10	102	<10	8	50
91	5002850	4.0	7.71	15	1260	<5	1.79	2	20	99	9926	5.41	3.41	30	1.11	346	283	1.08	32	970	104	20	<20	276	0.16	<10	94	<10	11	129
92	5002851	0.4	3.64	5	1650	<5	1.51	<1	14	119	97	2.26	0.87	<10	0.76	664	3	0.23	19	400	16	10	<20	47	0.19	<10	74	<10	7	31
93	5002852	0.4	1.84	5	625	<5	2.47	2	9	214	42	2.14	0.41	<10	1.11	733	9	0.19	24	990	14	15	<20	69	0.11	<10	52	<10	9	104
94	5002853	0.6	2.90	10	160	<5	3.38	3	14	438	82	2.69	0.95	20	1.00	605	37	0.22	74	6200	28	20	<20	96	0.09	<10	112	<10	35	178
95	5002854	0.4	3.25	50	1080	<5	0.48	<1	12	134	61	2.43	0.66	<10	0.46	593	3	0.17	18	420	16	10	<20	18	0.12	<10	125	<10	6	47
96	5002855	0.2	2.62	<5	635	<5	0.18	<1	14	139	47	2.06	0.27	<10	0.48	456	2	0.13	19	320	14	10	<20	5	0.15	<10	113	<10	7	41
97	5002856	0.2	6.95	<5	450	<5	2.93	<1	11	55	18	3.80	0.99	<10	1.42	669	5	2.57	28	770	30	5	<20	386	0.36	<10	105	<10	15	61
98	5002857	0.4	2.91	<5	1050	<5	0.22	<1	10	163	27	1.50	0.72	<10	0.30	330	3	0.15	17	340	16	10	<20	12	0.12	<10	49	<10	7	32
99	5002858	0.4	3.71	<5	375	<5	0.82	<1	19	153	147	2.80	0.24	<10	0.69	645	2	0.19	35	470	24	10	<20	17	0.29	<10	77	<10	10	63
100	5002859	0.4	7.69	50	660	<5	0.79	<1	37	239	7	6.92	0.51	<10	1.89	1330	3	0.45	84	760	28	25	<20	14	0.75	<10	277	<10	14	71
101	5002860	0.2	5.93	<5	740	<5	1.02	<1	28	204	37	5.90	0.47	<10	1.62	1545	3	0.35	57	570	24	10	<20	21	0.58	<10	184	<10	18	77
102	5002861	0.4	6.93	<5	530	<5	3.76	<1	34	201	38	6.97	0.51	<10	3.19	1247	4	1.73	79	720	22	5	<20	135	0.77	<10	236	<10	24	78
103	5002862	0.3	7.30	<5	575	<5	4.05	<1	35	205	41	7.16	0.55	<10	3.36	1355	4	1.90	81	750	28	10	<20	135	0.80	<10	244	<10	27	78
104	5002863	0.2	8.33	<5	740	<5	6.32	<1	39	218	4	8.58	0.72	<10	4.45	1454	3	2.93	90	840	30	10	<20	141	0.97	<10	313	<10	32	70
105	5002864	0.2	8.17	<5	975	<5	6.12	<1	35	196	5	7.62	0.92	<10	4.35	1045	3	2.95	78	780	28	10	<20	113	0.90	<10	297	<10	32	62

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	5002865	<0.2	7.97	<5	880	<5	2.23	<1	40	210	54	>10	0.84	<10	3.00	1795	3	0.60	91	800	32	35	<20	44	0.92	<10	297	<10	26	88
107	5002866	<0.2	7.80	<5	885	<5	2.05	<1	39	219	81	8.55	0.70	<10	2.85	1539	3	0.54	80	740	30	10	<20	45	0.82	<10	303	<10	22	72
108	5002867	<0.2	7.78	<5	730	<5	2.58	<1	34	198	13	7.81	0.64	<10	2.91	1365	3	0.55	78	740	26	15	<20	41	0.69	<10	289	<10	21	62
109	5002868	<0.2	8.11	<5	720	<5	0.93	<1	40	208	14	8.93	0.56	<10	1.95	1485	3	0.52	86	810	28	15	<20	17	0.81	<10	300	<10	23	68
110	5002868	<0.2	8.29	5	740	<5	0.89	<1	42	210	15	9.18	0.58	<10	2.03	1521	3	0.53	92	850	30	20	<20	20	0.84	<10	315	<10	24	72
111	5002870	3.4	6.69	165	1270	<5	2.54	2	11	95	69	4.41	1.30	10	1.25	613	15	1.83	47	940	318	50	<20	293	0.30	<10	129	<10	14	268
112	5002871	<0.2	8.57	5	1030	<5	3.16	<1	44	208	9	9.57	0.79	<10	3.10	1457	3	0.60	93	900	30	30	<20	44	0.87	<10	312	<10	25	69
113	5002872	<0.2	9.28	15	1555	<5	1.18	<1	52	260	46	9.74	0.87	<10	1.68	1829	4	0.54	112	1010	34	70	<20	19	1.15	<10	360	<10	28	91
114	5002873	<0.2	8.87	<5	955	<5	3.31	<1	40	231	31	9.66	0.67	<10	3.11	1610	3	0.52	89	810	34	15	<20	47	0.98	<10	349	<10	29	99
115	5002874	<0.2	8.29	<5	640	<5	5.73	<1	37	211	31	8.48	0.62	<10	4.28	1265	3	2.13	87	790	30	10	<20	111	0.97	<10	304	<10	32	82
116	5002875	<0.2	8.06	<5	610	<5	5.82	<1	36	210	57	7.98	0.65	<10	4.50	1151	2	2.83	78	700	26	5	<20	150	0.85	<10	288	<10	31	70
117	5002876	0.2	6.97	<5	435	<5	2.99	<1	11	58	16	3.82	1.01	10	1.42	647	5	2.53	29	730	34	<5	<20	382	0.35	<10	106	<10	15	62
118	5002877	<0.2	8.19	<5	440	<5	6.41	<1	37	231	5	8.24	0.53	<10	4.85	1542	3	3.10	87	750	30	5	<20	161	0.88	<10	302	<10	33	68
119	5002878	<0.2	8.69	<5	430	<5	4.49	<1	44	212	35	9.51	0.45	<10	3.84	1444	3	0.77	94	910	32	5	<20	70	1.05	<10	315	<10	30	88
120	5002879	<0.2	8.23	5	355	<5	3.27	<1	41	208	22	8.87	0.49	<10	3.28	1366	4	0.51	92	850	28	25	<20	44	0.95	<10	306	<10	26	79
121	5002880	<0.2	6.90	20	310	<5	6.66	<1	29	181	48	5.47	0.85	<10	3.95	1053	2	0.85	76	480	24	15	<20	219	0.30	<10	233	<10	17	55
122	5002881	<0.2	6.45	25	465	<5	6.45	<1	28	197	27	6.12	1.23	<10	3.78	1195	2	0.62	73	550	26	15	<20	132	0.29	<10	205	<10	16	45
123	5002882	<0.2	6.59	30	505	<5	6.82	<1	33	203	22	6.61	1.29	<10	3.70	1247	2	0.63	81	590	26	25	<20	131	0.31	<10	213	<10	15	48
124	5002883	0.2	6.48	30	355	<5	7.13	<1	31	176	28	7.12	1.00	<10	3.93	1406	2	0.89	72	700	24	10	<20	119	0.28	<10	197	<10	16	56
125	5002884	<0.2	7.30	30	390	<5	5.42	<1	32	171	53	7.36	1.04	<10	3.86	1201	3	0.95	68	670	28	15	<20	101	0.26	<10	228	<10	16	57
126	5002885	<0.2	8.26	5	270	<5	2.56	<1	36	159	24	8.52	0.45	<10	2.74	1350	3	0.48	60	780	34	20	<20	42	0.70	<10	282	<10	20	59
127	5002886	<0.2	7.70	55	265	<5	4.61	<1	31	134	15	7.59	0.66	<10	3.83	1202	3	0.58	58	700	28	15	<20	91	0.24	<10	231	<10	15	56
128	5002887	<0.2	8.18	<5	115	<5	5.09	<1	35	162	<1	8.27	0.36	<10	4.05	1287	3	3.62	64	790	28	10	<20	121	0.80	<10	278	<10	28	61
129	5002888	<0.2	8.88	<5	135	<5	6.09	<1	33	132	9	7.74	0.32	<10	3.43	1371	3	3.40	55	810	30	5	<20	196	0.90	<10	294	<10	29	58
130	5002888	<0.2	8.65	<5	135	<5	6.05	<1	32	126	7	7.65	0.30	<10	3.35	1341	4	3.28	55	790	30	5	<20	197	0.87	<10	279	<10	29	58
131	5002890	4.0	7.66	15	1305	<5	1.80	2	19	104	9911	5.64	3.35	30	1.11	355	282	1.08	35	970	104	20	<20	267	0.16	<10	93	<10	11	124
132	5002891	<0.2	6.78	5	330	<5	5.58	<1	29	135	24	7.60	0.72	<10	2.83	1555	4	0.50	54	650	28	20	<20	84	0.52	<10	210	<10	19	55
133	5002892	<0.2	9.06	<5	270	<5	2.96	<1	39	193	2	7.83	0.49	<10	2.68	1291	2	0.68	74	820	38	20	<20	55	0.86	<10	327	<10	27	64
134	5002893	0.2	8.52	<5	250	<5	6.90	<1	37	180	1	8.48	0.60	<10	4.37	1394	3	3.20	68	810	32	10	<20	171	0.92	<10	301	<10	31	63
135	5002894	0.2	8.43	<5	175	<5	7.41	<1	34	200	<1	7.95	0.49	<10	4.22	1408	3	3.22	69	820	30	10	<20	201	0.84	<10	273	<10	31	56
136	5002895	<0.2	8.75	<5	205	<5	6.56	<1	36	138	9	8.62	0.46	<10	4.17	1249	3	3.58	60	900	34	10	<20	171	0.93	<10	287	<10	31	59
137	5002896	0.2	7.10	5	450	<5	3.03	<1	11	61	18	3.70	1.04	10	1.50	666	4	2.36	28	760	34	<5	<20	407	0.37	<10	114	<10	15	61
138	5002897	<0.2	8.42	10	320	<5	6.70	<1	36	148	<1	8.19	0.39	<10	4.11	1409	3	3.37	61	800	32	10	<20	150	0.86	<10	285	<10	30	62
139	5002898	<0.2	7.97	10	160	<5	5.85	<1	35	195	2	8.00	0.45	<10	4.22	1178	2	3.16	70	780	30	10	<20	186	0.82	<10	271	<10	29	55
140	5002899	0.2	6.74	20	555	<5	5.34	<1	27	158	3	6.17	1.47	<10	3.29	1062	2	1.47	54	530	32	10	<20	154	0.31	<10	197	<10	14	46
141	5002900	0.4	2.41	15	260	<5	5.38	<1	11	165	7	3.76	0.66	<10	2.70	1001	1	0.30	28	170	30	10	<20	161	0.07	<10	80	<10	7	110
142	5002901	0.6	6.72	40	425	<5	6.75	<1	33	223	74	7.02	1.16	<10	4.14	1205	3	2.18	79	590	28	15	<20	195	0.39	<10	211	<10	14	52
143	5002902	<0.2	6.66	35	400	<5	6.18	<1	32	220	117	6.75	1.16	<10	4.12	1239	3	2.11	76	560	30	10	<20	195	0.36	<10	216	<10	14	55
144	5002903	<0.2	7.73	<5	180	<5	6.66	<1	40	284	72	8.48	0.71	<10	5.10	1292	3	2.35	97	760	30	10	<20	149	0.84	<10	279	<10	29	72
145	5002904	<0.2	7.57	<5	195	<5	6.58	<1	38	275	57	8.08	0.80	<10	4.96	1114	3	2.38	91	710	28	10	<20	198	0.81	<10	274	<10	27	69

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	5002905	<0.2	6.80	15	320	<5	6.42	<1	42	293	61	8.18	0.89	<10	4.21	1130	2	2.03	99	770	30	10	<20	187	0.80	<10	276	<10	25	77
147	5002906	<0.2	6.67	<5	370	<5	7.14	<1	36	245	72	7.47	0.70	<10	4.11	1226	3	1.87	85	620	30	10	<20	130	0.66	<10	234	<10	24	74
148	5002907	<0.2	7.60	<5	195	<5	6.26	<1	38	272	50	7.68	0.66	<10	4.77	1087	2	2.56	89	670	26	10	<20	151	0.75	<10	273	<10	27	67
149	5002908	<0.2	7.55	<5	145	<5	6.51	<1	40	254	20	8.50	0.58	<10	4.85	1237	3	2.70	92	740	28	10	<20	175	0.84	<10	278	<10	28	66
150	5002908	0.2	7.66	<5	150	<5	6.37	<1	39	262	24	8.32	0.60	<10	4.94	1210	3	2.69	90	720	28	5	<20	181	0.82	<10	284	<10	29	66
151	5002910	3.8	7.60	15	1250	<5	1.71	2	16	107	9987	5.64	3.15	30	1.09	347	293	1.05	29	980	112	20	<20	277	0.14	<10	92	<10	10	131
152	5002911	<0.2	7.71	<5	90	<5	7.44	<1	36	271	88	7.98	0.38	<10	4.40	1098	4	2.84	84	720	32	10	<20	330	0.82	<10	267	<10	28	58
153	5002912	0.2	7.76	<5	150	<5	6.42	<1	36	255	76	7.75	0.63	<10	4.87	1233	3	2.69	82	690	26	10	<20	174	0.77	<10	267	<10	28	65
QC DATA:																														
Repeat:																														
1	5002740	0.2	4.35	<5	1230	<5	1.73	<1	12	124	65	3.93	1.32	20	1.62	507	6	0.39	44	440	40	<5	<20	85	0.14	<10	86	<10	8	71
10	5002748	0.2	0.76	<5	5	<5	4.82	<1	81	1889	13	4.59	0.33	<10	>10	873	<1	0.66	1509	40	20	35	<20	110	<0.01	<10	19	<10	<1	32
19	5002758	0.6	0.78	<5	10	<5	1.63	<1	57	1349	10	5.05	0.31	<10	>10	556	<1	0.74	1099	40	26	25	<20	59	<0.01	<10	18	<10	<1	29
36	5002775	0.2	0.93	<5	95	<5	2.96	<1	56	1398	10	4.72	0.31	<10	>10	336	1	0.72	1065	30	18	30	<20	126	<0.01	<10	29	<10	<1	43
45	5002784	0.6	0.94	<5	405	<5	7.75	<1	89	2134	23	4.30	0.13	<10	4.90	767	2	0.16	1833	40	14	40	<20	178	<0.01	<10	41	<10	2	52
54	5002793	0.4	9.48	<5	1015	<5	2.05	<1	49	410	153	6.58	1.60	<10	2.75	1224	3	0.64	118	840	52	20	<20	64	0.59	<10	228	<10	16	124
72	5002831	0.2	7.87	10	600	<5	6.49	<1	38	232	52	7.47	0.82	<10	4.65	1231	3	2.25	96	820	26	10	<20	190	0.65	<10	263	<10	23	70
80	5002839	0.2	8.25	<5	395	<5	6.43	<1	37	205	54	8.10	0.51	<10	4.61	1416	4	2.98	85	790	28	10	<20	196	0.89	<10	277	<10	31	74
89	5002848	0.4	3.07	<5	965	<5	0.50	<1	14	123	61	2.31	0.54	<10	0.68	459	2	0.18	18	350	24	5	<20	16	0.15	<10	98	<10	7	46
106	5002865	<0.2	8.21	<5	895	<5	2.28	<1	42	215	52	>10	0.83	<10	3.08	1839	3	0.58	94	830	30	40	<20	44	0.95	<10	303	<10	26	82
115	5002874	<0.2	8.19	<5	610	<5	5.90	<1	40	205	29	8.63	0.61	<10	4.24	1307	3	2.10	93	820	32	5	<20	110	1.00	<10	296	<10	30	87
124	5002883	0.2	6.34	20	350	<5	6.89	<1	31	171	30	6.87	0.96	<10	3.91	1362	2	0.87	70	680	24	10	<20	116	0.25	<10	188	<10	16	52
141	5002900	0.3	2.36	15	245	<5	5.48	<1	11	170	8	3.86	0.65	<10	2.65	1030	1	0.30	30	170	32	15	<20	157	0.08	<10	78	<10	6	107
150	5002908	<0.2	7.73	<5	150	<5	6.21	<1	38	261	23	8.29	0.60	<10	5.01	1191	3	2.82	87	720	30	10	<20	187	0.81	<10	280	<10	30	63
Resplit:																														
1	5002740	0.4	4.28	<5	1120	<5	1.68	<1	12	129	65	4.02	1.34	20	1.88	512	6	0.39	44	440	34	<5	<20	81	0.16	<10	94	<10	8	73
36	5002775	0.2	1.01	<5	105	<5	3.05	<1	59	1401	9	5.00	0.34	<10	>10	375	1	0.76	1113	40	20	30	<20	123	0.01	<10	22	<10	<1	46
72	5002831	0.4	7.71	10	570	<5	6.15	<1	32	223	47	7.10	0.78	<10	4.41	1131	4	2.12	79	770	24	10	<20	179	0.59	<10	246	<10	19	61
106	5002865	<0.2	8.45	<5	910	<5	2.34	<1	43	212	48	>10	0.85	<10	3.23	1876	4	0.62	97	850	32	35	<20	44	0.98	<10	298	<10	27	79
141	5002900	0.4	2.40	20	250	<5	5.29	<1	10	155	7	3.64	0.66	<10	2.57	990	<1	0.31	28	150	30	10	<20	154	0.08	<10	77	<10	7	98
Standard:																														
STSD-3		0.5	5.78	20	1300	<5	2.27	<1	16	61	35	4.19	1.48	30	1.32	2527	8	1.18	36	1670	50	5	<20	244	0.29	<10	120	<10	30	198
STSD-3		0.4	5.90	20	1325	<5	2.52	<1	14	58	31	4.14	1.50	30	1.33	2574	7	1.19	32	1690	54	5	<20	245	0.31	<10	109	<10	28	192
STSD-3		0.5	5.87	20	1290	<5	2.49	<1	15	56	39	4.37	1.50	30	1.37	2591	8	1.17	32	1750	50	5	<20	260	0.30	<10	110	<10	29	197
STSD-3		0.5	5.72	25	1275	<5	2.50	1	15	57	34	4.25	1.46	30	1.31	2493	7	1.19	33	1710	54	5	<20	264	0.29	<10	111	<10	28	208
STSD-3		0.4	5.98	25	1280	<5	2.41	<1	15	58	32	4.27	1.41	30	1.39	2474	7	1.19	34	1720	54	5	<20	250	0.28	<10	106	<10	28	193

ICP: 4 Acid Digest/ICP - AES Finish
Ag: 4 Acid Digest/ AA - Finish

JJ/ap
df/td8600bs/td8600/as
XLS/08

ECO TECH LABORATORY LTD.
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Alex Stewart
GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-8607

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 40
Sample Type:Core
Project: H1005
Shipment #:2008/0018
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002913	<0.03	<0.001
2	5002914	<0.03	<0.001
3	5002915	<0.03	<0.001
4	5002916	<0.03	<0.001
5	5002917	<0.03	<0.001
6	5002918	0.03	0.001
7	5002919	<0.03	<0.001
8	5002920	<0.03	<0.001
9	5002921	<0.03	<0.001
10	5002922	<0.03	<0.001
11	5002923	<0.03	<0.001
12	5002924	<0.03	<0.001
13	5002925	<0.03	<0.001
14	5002926	<0.03	<0.001
15	5002927	<0.03	<0.001
16	5002928	<0.03	<0.001
17	5002928	<0.03	<0.001
18	5002930	3.46	0.101
19	5002931	<0.03	<0.001
20	5002932	<0.03	<0.001
21	5002953	<0.03	<0.001
22	5002954	<0.03	<0.001
23	5002955	<0.03	<0.001
24	5002956	<0.03	<0.001
25	5002957	<0.03	<0.001
26	5002958	<0.03	<0.001
27	5002959	<0.03	<0.001
28	5002960	<0.03	<0.001

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Hawthorne Gold Corp - 8607

20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
29	5002961	<0.03	<0.001
30	5002962	<0.03	<0.001
31	5002963	<0.03	<0.001
32	5002964	<0.03	<0.001
33	5002965	<0.03	<0.001
34	5002966	<0.03	<0.001
35	5002967	<0.03	<0.001
36	5002968	<0.03	<0.001
37	5002968	<0.03	<0.001
38	5002970	1.46	0.043
39	5002971	<0.03	<0.001
40	5002972	<0.03	<0.001
QC DATA:			
Repeat:			
1	5002913	<0.03	<0.001
10	5002922	<0.03	<0.001
19	5002931	0.03	0.001
36	5002968	<0.03	<0.001
Resplit:			
1	5002913	<0.03	<0.001
36	5002968	<0.03	<0.001
Standard:			
Oxi67		1.83	0.053
HiSilk2		3.47	0.101

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JJ/ap
XLS/08

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24-Nov-08

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ICP CERTIFICATE OF ANALYSIS AK 2008- 8607

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 40
Sample Type:Core
Project: H1005
Shipment #:2008/0018
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002913	<0.2	2.83	5	15	<5	3.73	<1	56	1041	17	5.26	0.33	<10	>10	1021	3	0.79	963	130	12	20	<20	123	0.02	<10	114	<10	3	119
2	5002914	<0.2	1.67	15	30	<5	2.96	<1	60	1330	40	4.39	0.29	<10	>10	760	<1	0.69	893	50	10	25	<20	88	<0.01	<10	48	<10	1	75
3	5002915	0.2	1.32	20	10	<5	0.52	<1	83	1654	58	4.73	0.34	<10	>10	387	1	0.81	1345	60	10	25	<20	19	<0.01	<10	26	<10	<1	63
4	5002916	0.2	7.17	<5	460	<5	2.69	<1	10	60	17	3.75	1.10	<10	1.52	638	4	2.57	33	730	26	5	<20	396	0.34	<10	119	<10	16	50
5	5002917	<0.2	1.94	25	10	<5	0.93	<1	92	1894	51	6.76	0.36	<10	>10	538	3	0.84	919	130	10	35	<20	40	0.01	<10	102	<10	1	82
6	5002918	<0.2	2.18	55	20	<5	2.24	<1	49	793	<1	8.94	0.24	40	>10	1359	32	0.54	553	140	12	20	<20	145	0.03	<10	273	<10	5	196
7	5002919	<0.2	1.31	15	5	<5	2.47	<1	83	1689	19	5.29	0.35	<10	>10	660	2	0.81	1522	50	6	30	<20	76	<0.01	<10	35	<10	1	36
8	5002920	<0.2	0.97	5	5	<5	1.64	<1	81	1576	19	4.83	0.31	<10	>10	419	1	0.72	1487	30	10	30	<20	56	<0.01	<10	29	<10	<1	32
9	5002921	<0.2	1.33	15	20	<5	2.45	<1	68	1605	6	3.77	0.32	<10	>10	421	<1	0.72	1318	40	6	25	<20	79	<0.01	<10	24	<10	<1	42
10	5002922	<0.2	1.19	10	35	<5	2.56	<1	69	1591	5	3.74	0.29	<10	>10	399	1	0.67	1290	30	6	25	<20	81	<0.01	<10	26	<10	<1	39
11	5002923	<0.2	4.89	<5	455	<5	6.60	<1	34	381	9	5.45	0.77	<10	8.89	1758	3	0.79	323	400	20	10	<20	144	0.10	<10	116	<10	10	66
12	5002924	0.4	5.62	<5	1440	<5	4.48	<1	19	162	136	4.48	1.60	20	2.97	1407	3	0.52	63	490	26	25	<20	98	0.17	<10	132	<10	12	112
13	5002925	0.2	4.04	10	505	<5	2.22	<1	13	163	59	2.79	0.78	<10	1.43	822	2	1.19	39	310	16	<5	<20	86	0.20	<10	70	<10	7	50
14	5002926	<0.2	9.99	<5	1225	<5	2.40	<1	51	374	90	9.40	1.56	<10	3.90	1826	5	3.17	141	1090	38	15	<20	91	0.73	<10	202	<10	17	138
15	5002927	<0.2	>10	<5	905	<5	3.70	<1	44	396	98	7.41	1.16	<10	3.30	1270	4	3.44	110	900	30	15	<20	244	0.60	<10	205	<10	20	100
16	5002928	<0.2	9.63	<5	1105	<5	5.45	<1	44	345	85	7.67	1.13	<10	3.13	1305	4	3.51	112	810	38	15	<20	304	0.63	<10	205	<10	20	101
17	5002928	<0.2	9.88	<5	1150	<5	5.27	<1	43	361	82	7.54	1.18	<10	3.22	1277	4	3.36	108	790	32	10	<20	307	0.60	<10	209	<10	21	97
18	5002930	3.6	6.73	160	1275	<5	2.47	2	10	101	71	4.35	1.39	10	1.20	616	14	1.96	44	930	294	50	<20	288	0.32	<10	124	<10	15	273
19	5002931	0.2	8.61	<5	1060	<5	4.57	<1	34	249	69	7.08	1.28	<10	3.79	1314	4	2.09	73	1160	24	10	<20	224	0.92	<10	281	<10	24	82
20	5002932	0.2	8.20	<5	675	<5	5.67	<1	38	157	52	8.42	0.96	<10	3.25	1482	3	1.41	81	1360	32	15	<20	143	0.93	<10	284	<10	18	94
21	5002953	<0.2	8.44	<5	270	<5	4.19	<1	40	210	77	8.98	0.70	<10	4.56	1408	4	2.99	85	820	32	10	<20	108	0.95	<10	309	<10	32	65
22	5002954	<0.2	8.05	<5	290	<5	3.92	<1	36	206	296	7.47	0.70	<10	3.86	1393	3	2.68	66	720	24	5	<20	132	0.78	<10	287	<10	31	53
23	5002955	0.2	2.95	<5	125	<5	1.71	<1	21	153	184	3.67	0.21	<10	0.89	713	6	0.42	30	270	20	10	<20	73	0.22	<10	72	<10	10	26
24	5002956	<0.2	6.89	<5	440	<5	2.86	<1	11	56	16	3.89	1.04	<10	1.36	654	4	2.63	29	750	30	<5	<20	377	0.36	<10	113	<10	15	54
25	5002957	<0.2	5.25	<5	205	<5	4.45	<1	27	182	105	5.78	0.55	<10	2.47	1003	3	1.36	51	520	20	10	<20	184	0.47	<10	183	<10	16	47

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5002958	<0.2	3.75	<5	55	<5	3.01	<1	19	204	101	4.16	0.16	<10	1.62	702	3	1.11	37	360	14	5	<20	182	0.33	<10	107	<10	13	27
27	5002959	0.4	6.47	<5	150	<5	4.31	<1	30	183	82	6.75	0.49	<10	3.04	1081	4	2.27	59	640	30	5	<20	156	0.65	<10	223	<10	22	70
28	5002960	0.2	8.06	<5	65	<5	5.90	<1	39	224	27	8.93	0.36	<10	4.13	1454	4	3.39	83	840	28	10	<20	190	0.96	<10	286	<10	31	61
29	5002961	<0.2	5.52	<5	120	<5	3.77	<1	22	174	25	5.12	0.35	<10	2.46	763	2	2.20	44	520	18	5	<20	150	0.48	<10	177	<10	18	27
30	5002962	<0.2	5.38	<5	155	<5	3.80	<1	25	199	17	5.48	0.37	<10	2.49	818	3	2.27	50	590	22	5	<20	133	0.52	<10	179	<10	18	32
31	5002963	<0.2	8.13	<5	65	<5	5.26	<1	34	193	41	7.77	0.37	<10	4.25	1272	3	3.48	62	730	22	10	<20	124	0.81	<10	286	<10	30	53
32	5002964	<0.2	8.16	<5	90	<5	5.03	<1	36	199	42	8.14	0.40	<10	4.13	1292	3	3.73	68	760	24	5	<20	140	0.86	<10	297	<10	29	57
33	5002965	<0.2	7.84	<5	130	<5	3.58	<1	31	172	22	7.60	0.37	<10	4.07	888	3	3.35	58	680	30	10	<20	153	0.65	<10	270	<10	22	69
34	5002966	<0.2	3.83	<5	140	<5	>10	<1	14	144	9	4.38	0.29	<10	2.16	3364	2	0.71	34	360	20	<5	<20	346	0.30	<10	128	<10	19	39
35	5002967	<0.2	7.76	<5	95	<5	5.53	<1	33	192	9	7.80	0.39	<10	3.79	1291	3	3.55	62	740	26	10	<20	158	0.79	<10	277	<10	29	57
36	5002968	<0.2	8.33	<5	150	<5	5.49	<1	34	218	9	7.90	0.58	<10	4.40	1293	3	3.51	82	790	28	10	<20	141	0.94	<10	302	<10	30	58
37	5002968	<0.2	8.47	<5	160	<5	5.63	<1	40	228	12	8.95	0.61	<10	4.56	1372	4	3.87	90	850	34	10	<20	140	1.05	<10	311	<10	33	64
38	5002970	3.7	7.63	15	1220	<5	1.39	2	17	99	9979	5.80	3.06	30	1.07	319	279	1.20	28	840	98	20	<20	266	0.14	<10	98	<10	11	126
39	5002971	<0.2	8.46	<5	170	<5	5.63	<1	37	217	48	8.60	0.63	<10	4.46	1327	5	3.41	78	800	30	10	<20	179	0.90	<10	293	<10	31	60
40	5002972	<0.2	7.58	<5	220	<5	6.06	<1	34	209	20	7.90	0.68	<10	3.82	1174	4	2.64	73	730	28	10	<20	276	0.64	<10	265	<10	25	55
QC DATA:																														
Repeat:																														
1	5002913	<0.2	2.94	10	15	<5	3.81	<1	54	1066	18	5.34	0.34	<10	>10	1041	3	0.80	973	130	12	15	<20	128	0.02	<10	120	<10	3	120
10	5002922	0.2	1.10	20	40	<5	2.56	<1	74	1611	5	3.83	0.29	<10	>10	407	<1	0.66	1319	40	6	30	<20	84	<0.01	<10	27	<10	<1	40
19	5002931	0.4	8.45	<5	1030	<5	4.46	<1	31	240	69	6.86	1.25	<10	3.73	1284	3	2.12	69	1140	26	10	<20	219	0.89	<10	276	<10	24	77
36	5002968	0.2	8.25	<5	145	<5	5.36	<1	35	211	8	8.04	0.58	<10	4.37	1314	3	3.55	83	800	30	10	<20	137	0.96	<10	296	<10	30	59
Resplit:																														
1	5002913	<0.2	2.92	5	15	<5	3.87	<1	58	1066	16	5.29	0.33	<10	>10	1034	3	0.79	992	140	14	20	<20	121	0.02	<10	118	<10	3	117
36	5002968	<0.2	8.65	<5	165	<5	5.62	<1	40	226	9	8.21	0.61	<10	4.60	1346	3	3.66	82	860	34	10	<20	146	0.97	<10	309	<10	33	61
Standard:																														
STSD3		0.5	5.96	15	1340	<5	2.22	<1	14	62	30	4.18	1.35	30	1.37	2583	7	1.10	34	1700	42	5	<20	270	0.29	<10	120	<10	30	191
STSD3		0.4	5.76	20	1355	<5	2.23	<1	15	60	30	4.28	1.43	30	1.30	2459	7	1.14	33	1740	56	10	<20	245	0.31	<10	111	<10	29	201

JJ/ap
df/td8572s
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CERTIFICATE OF ASSAY AW 2008-8595

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

14-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0008
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
2	5002934	2.79
3	5002935	2.67
5	5002937	2.74
6	5002938	2.74
7	5002939	2.59
8	5002940	2.59
9	5002941	2.64
11	5002943	2.64
12	5002944	2.66
14	5002946	2.80
15	5002947	2.81
19	5002951	2.77

QC DATA:

Repeat:

2	5002934	2.79

Standard:

SG-1	2.60

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JJ/nw
XLS/07

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8595

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

7-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0008
Submitted by: Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5002933		0.64	0.019
2	5002934		0.04	0.001
3	5002935		0.04	0.001
4	5002936		<0.03	<0.001
5	5002937		0.45	0.013
6	5002938		<0.03	<0.001
7	5002939		<0.03	<0.001
8	5002940	*	167	4.884
9	5002941		0.09	0.003
10	5002942		0.13	0.004
11	5002943		0.52	0.015
12	5002944	*	1.43	0.042
13	5002945		<0.03	<0.001
14	5002946		0.17	0.005
15	5002947		<0.03	<0.001
16	5002948		<0.03	<0.001
17	5002948 Dup		<0.03	<0.001
18	5002950		0.69	0.020
19	5002951		<0.03	<0.001
20	5002952		<0.03	<0.001

QC DATA:

Repeat:

1	5002933	0.67	0.020
5	5002937	0.49	0.014
10	5002942	0.14	0.004

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Hawthorne Gold Corp AW8-8595 7-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Resplit:			
1	5002933	0.67	0.020
Standard:			
Hisilk2		3.45	0.101

JJ/ndw
XLS/08

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08-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8595

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0008
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002933	0.4	7.07	90	380	<5	7.15	<1	39	126	72	8.12	2.35	<10	3.16	1527	4	0.60	71	1310	34	35	<20	215	0.60	<10	225	<10	9	86
2	5002934	0.2	7.53	70	955	<5	4.17	<1	35	157	71	7.41	1.99	<10	3.08	1447	4	0.66	85	1400	30	20	<20	141	0.73	<10	229	<10	10	110
3	5002935	0.2	3.74	35	525	<5	2.21	<1	10	187	80	2.97	0.99	10	1.49	877	2	0.30	33	440	18	10	<20	101	0.13	<10	72	<10	7	52
4	5002936	0.2	6.72	<5	450	<5	2.57	<1	9	56	17	3.52	1.00	<10	1.38	591	4	2.48	22	710	24	<5	<20	379	0.31	<10	117	<10	15	49
5	5002937	0.6	6.38	95	1025	<5	5.55	<1	27	122	109	6.34	2.10	<10	2.36	1609	5	0.51	89	1010	52	20	<20	171	0.29	<10	140	<10	10	144
6	5002938	<0.2	7.07	<5	470	<5	4.62	<1	37	157	8	8.51	0.67	<10	4.10	1295	3	1.46	76	790	30	15	<20	112	0.82	<10	277	<10	23	70
7	5002939	0.4	4.13	10	295	<5	2.55	2	12	115	26	2.18	0.38	<10	1.19	488	2	1.29	20	510	26	5	<20	82	0.21	<10	76	<10	9	57
8	5002940	14.6	1.18	40	165	<5	1.45	2	8	293	107	1.86	0.28	<10	0.59	311	1	0.10	18	80	24	40	<20	52	0.06	<10	43	<10	2	431
9	5002941	0.4	2.80	35	700	<5	1.28	<1	12	122	55	1.93	1.02	<10	0.61	1163	1	0.20	20	260	22	5	<20	52	0.12	<10	52	<10	6	63
10	5002942	0.5	2.49	30	640	<5	1.13	<1	9	133	57	1.60	0.92	<10	0.56	1095	2	0.18	16	230	22	5	<20	48	0.09	<10	50	<10	4	68
11	5002943	1.6	2.73	70	520	<5	1.40	<1	12	134	70	2.01	0.98	<10	0.66	827	2	0.19	21	310	22	10	<20	63	0.09	<10	49	<10	4	59
12	5002944	9.2	2.07	45	215	<5	2.37	<1	11	214	352	2.84	0.79	<10	1.02	469	4	0.17	29	430	18	110	<20	92	0.07	<10	77	<10	4	65
13	5002945	0.2	6.72	<5	445	<5	2.91	<1	10	55	17	3.52	1.00	<10	1.37	593	5	2.64	26	730	26	<5	<20	368	0.33	<10	114	<10	15	53
14	5002946	0.4	6.69	15	1040	<5	6.13	<1	32	190	48	6.96	2.37	<10	4.14	1101	3	1.35	76	600	24	10	<20	138	0.32	<10	243	<10	12	62
15	5002947	0.8	7.75	<5	305	<5	7.21	<1	39	225	19	8.52	0.68	<10	4.34	1670	4	3.54	87	800	30	10	<20	218	0.93	<10	290	<10	29	78
16	5002948	0.6	7.76	<5	390	<5	5.62	<1	34	213	<1	7.87	0.81	<10	4.54	1455	3	2.84	80	770	26	15	<20	110	0.87	<10	295	<10	31	62
17	5002948 Dup	0.4	7.70	<5	385	<5	5.93	<1	39	211	<1	8.17	0.79	<10	4.52	1509	4	2.72	86	800	26	10	<20	108	0.91	<10	284	<10	30	67
18	5002950	2.2	5.89	5	520	<5	3.06	<1	9	37	6863	8.22	2.22	<10	1.11	985	11	1.39	23	810	54	35	<20	400	0.15	<10	82	<10	8	128
19	5002951	0.4	7.55	<5	425	<5	5.79	<1	37	203	1	8.17	0.87	<10	4.41	1522	3	2.98	81	780	26	10	<20	113	0.88	<10	279	<10	29	61
20	5002952	0.4	2.15	<5	125	<5	1.58	<1	13	153	16	1.98	0.23	<10	0.91	1039	<1	0.66	23	190	10	5	<20	44	0.13	<10	43	<10	8	28
QC DATA:																														
Repeat:																														
1	5002933	0.2	6.98	85	385	<5	7.04	<1	36	120	71	7.96	2.32	<10	3.12	1493	4	0.61	73	1280	30	30	<20	210	0.58	<10	224	<10	9	86
10	5002942	0.4	2.47	30	625	<5	1.20	<1	11	132	62	1.71	0.89	<10	0.55	1123	1	0.20	18	250	24	5	<20	49	0.10	<10	48	<10	4	72
19	5002951	0.2	7.72	<5	440	<5	5.90	<1	37	200	1	8.31	0.88	<10	4.54	1563	3	3.11	84	800	28	10	<20	113	0.90	<10	278	<10	30	64

Alex Stewart Geochemical

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AW 2008- 8595** **Hawthorne Gold Corp**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Resplit:																														
1	5002933	0.4	6.98	70	370	<5	6.82	<1	35	107	73	7.99	2.27	<10	3.08	1480	3	0.57	73	1270	32	35	<20	201	0.52	<10	216	<10	8	84
Standard:																														
STSD3		0.6	5.68	20	1295	<5	2.35	1	15	57	32	4.28	1.43	30	1.30	2534	8	1.21	33	1710	40	5	<20	260	0.31	<10	113	<10	27	199

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ndw
df/8536BS
XLS/08

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

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8611

Hawthorne Gold Corp - 8611
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 86
Sample Type:Core
Project: H1005
Shipment #:2008/0020
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5002973	<0.03	<0.001
2	5002974	<0.03	<0.001
3	5002975	<0.03	<0.001
4	5002976	<0.03	<0.001
5	5002977	<0.03	<0.001
6	5002978	<0.03	<0.001
7	5002979	<0.03	<0.001
8	5002980	<0.03	<0.001
9	5002981	<0.03	<0.001
10	5002982	<0.03	<0.001
11	5002983	<0.03	<0.001
12	5002984	<0.03	<0.001
13	5002985	<0.03	<0.001
14	5002986	<0.03	<0.001
15	5002987	<0.03	<0.001
16	5002988	0.04	0.001
17	5002988	0.05	0.001
18	5002990	3.37	0.098
19	5002991	<0.03	<0.001
20	5002992	<0.03	<0.001
21	5002993	<0.03	<0.001
22	5002994	<0.03	<0.001
23	5002995	<0.03	<0.001
24	5002996	<0.03	<0.001
25	5002997	<0.03	<0.001
26	5002998	<0.03	<0.001
27	5002999	<0.03	<0.001

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Hawthorne Gold Corp - 8611

20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
28	5003000	<0.03	<0.001
29	5003001	<0.03	<0.001
30	5003002	<0.03	<0.001
31	5003003	<0.03	<0.001
32	5003004	0.12	0.003
33	5003025	<0.03	<0.001
34	5003026	<0.03	<0.001
35	5003027	<0.03	<0.001
36	5003028	<0.03	<0.001
37	5003028	<0.03	<0.001
38	5003030	1.46	0.043
39	5003031	<0.03	<0.001
40	5003032	<0.03	<0.001
41	5003033	<0.03	<0.001
42	5003034	<0.03	<0.001
43	5003035	<0.03	<0.001
44	5003036	<0.03	<0.001
45	5003037	<0.03	<0.001
46	5003038	<0.03	<0.001
47	5003039	<0.03	<0.001
48	5003040	<0.03	<0.001
49	5003041	<0.03	<0.001
50	5003042	<0.03	<0.001
51	5003043	<0.03	<0.001
52	5003044	<0.03	<0.001
53	5003045	<0.03	<0.001
54	5003046	0.08	0.002
55	5003047	<0.03	<0.001
56	5003048	<0.03	<0.001
57	5003048	<0.03	<0.001
58	5003050	3.39	0.099
59	5003051	<0.03	<0.001
60	5003052	0.04	0.001
61	5003053	0.03	0.001
62	5003054	<0.03	<0.001
63	5003055	<0.03	<0.001
64	5003056	<0.03	<0.001
65	5003057	<0.03	<0.001
66	5003058	<0.03	<0.001
67	5003059	<0.03	<0.001

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Hawthorne Gold Corp - 8611

20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
68	5003060	<0.03	<0.001
69	5003061	<0.03	<0.001
70	5003062	<0.03	<0.001
71	5003063	<0.03	<0.001
72	5003064	<0.03	<0.001
73	5003065	<0.03	<0.001
74	5003066	<0.03	<0.001
75	5003067	<0.03	<0.001
76	5003068	<0.03	<0.001
77	5003068	<0.03	<0.001
78	5003070	0.75	0.022
79	5003071	<0.03	<0.001
80	5003072	<0.03	<0.001
81	5003073	<0.03	<0.001
82	5003074	<0.03	<0.001
83	5003075	<0.03	<0.001
84	5003076	<0.03	<0.001
85	5003077	<0.03	<0.001
86	5003078	<0.03	<0.001
QC DATA:			
Repeat:			
1	5002973	<0.03	<0.001
10	5002982	<0.03	<0.001
19	5002991	<0.03	<0.001
32	5003004	0.11	0.003
36	5003028	<0.03	<0.001
45	5003037	<0.03	<0.001
54	5003046	0.07	0.002
71	5003063	<0.03	<0.001
80	5003072	<0.03	<0.001
Resplit:			
1	5002973	<0.03	<0.001
71	5003063	<0.03	<0.001
Standard:			
HiSilk2		3.44	0.100
Oxi67		1.80	0.052
HiSilk2		3.40	0.099

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JJ/gp
XLS/08

ECO TECH LABORATORY LTD.
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21-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8611

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 86
Sample Type:Core
Project: H1005
Shipment #:2008/0020
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5002973	<0.2	1.71	<5	30	<5	0.25	<1	67	1198	35	5.39	0.30	<10	>10	889	3	0.78	813	180	10	15	<20	13	0.09	20	53	<10	2	101
2	5002974	<0.2	1.03	<5	10	<5	1.23	<1	91	2217	27	5.01	0.29	<10	>10	367	<1	0.72	1561	40	8	25	<20	40	<0.01	<10	29	<10	<1	53
3	5002975	1.2	0.83	<5	15	<5	7.88	<1	76	2079	10	5.03	0.25	<10	>10	1322	<1	0.61	1009	50	10	25	<20	144	0.02	<10	38	<10	3	33
4	5002976	0.2	6.97	<5	445	<5	3.14	<1	12	62	16	3.86	0.98	10	1.44	670	4	2.61	30	740	28	<5	<20	397	0.37	<10	103	<10	15	55
5	5002977	<0.2	1.00	<5	40	<5	3.98	<1	60	2021	2	5.24	0.30	<10	>10	692	<1	0.74	452	30	8	25	<20	55	0.07	<10	62	<10	1	23
6	5002978	<0.2	0.87	<5	50	<5	2.86	<1	103	1455	14	7.35	0.30	<10	>10	595	<1	0.73	763	40	10	20	<20	44	0.03	20	37	<10	1	27
7	5002979	0.4	1.43	<5	20	<5	4.54	<1	70	1439	<1	6.94	0.33	<10	>10	727	<1	0.83	395	40	12	15	<20	70	0.07	<10	100	<10	2	26
8	5002980	<0.2	1.39	<5	10	<5	8.35	<1	63	1200	2	5.96	0.28	<10	>10	761	1	0.71	315	40	8	15	<20	111	0.07	<10	107	<10	2	19
9	5002981	<0.2	1.28	<5	15	<5	8.50	<1	69	1352	6	5.66	0.26	<10	>10	753	<1	0.65	367	40	8	20	<20	128	0.06	<10	91	<10	2	21
10	5002982	<0.2	1.24	<5	10	<5	8.49	<1	66	1318	3	5.48	0.26	<10	>10	746	1	0.66	349	40	8	15	<20	135	0.05	<10	87	<10	2	20
11	5002983	<0.2	1.38	5	10	<5	>10	<1	55	1038	6	4.68	0.25	<10	>10	900	<1	0.61	272	60	6	15	<20	158	0.09	<10	94	<10	2	18
12	5002984	0.4	1.34	<5	<5	<5	8.71	<1	53	1684	3	4.88	0.27	<10	>10	846	<1	0.67	184	30	8	15	<20	121	0.08	<10	116	<10	2	23
13	5002985	0.2	1.28	<5	5	<5	>10	<1	60	1542	2	4.85	0.27	<10	>10	900	<1	0.67	209	30	10	20	<20	140	0.08	<10	112	<10	2	19
14	5002986	<0.2	1.24	<5	5	<5	7.77	<1	50	1886	<1	4.30	0.25	<10	>10	877	<1	0.64	181	30	8	25	<20	113	0.07	<10	104	<10	2	20
15	5002987	<0.2	1.31	5	10	<5	6.61	<1	57	2076	<1	4.81	0.29	<10	>10	910	1	0.73	237	30	6	25	<20	91	0.08	<10	103	<10	2	22
16	5002988	<0.2	0.97	5	<5	<5	5.22	<1	63	1421	2	5.19	0.30	<10	>10	1089	2	0.74	304	30	4	20	<20	84	0.05	<10	61	<10	2	25
17	5002988	0.6	0.95	10	<5	<5	4.97	<1	63	1454	4	4.94	0.29	<10	>10	1033	<1	0.72	291	30	8	20	<20	84	0.05	<10	60	<10	2	24
18	5002990	3.4	6.61	150	1310	<5	2.44	1	9	104	65	4.29	1.29	10	1.24	604	11	1.91	48	920	290	50	<20	297	0.29	<10	119	<10	15	265
19	5002991	<0.2	0.70	10	<5	5	6.56	<1	73	1667	17	4.28	0.25	<10	>10	1124	<1	0.63	828	30	4	20	<20	111	<0.01	<10	27	<10	2	36
20	5002992	0.2	0.93	10	<5	<5	2.03	<1	96	2405	65	4.67	0.30	<10	>10	686	<1	0.75	1143	40	8	25	<20	37	0.01	10	43	<10	1	53
21	5002993	0.2	3.45	10	10	<5	3.62	<1	42	763	<1	4.66	0.32	20	>10	1093	10	0.79	439	2890	14	10	<20	80	0.13	<10	183	<10	15	132
22	5002994	1.0	5.39	20	20	<5	5.03	<1	58	1354	<1	5.29	0.35	<10	>10	1401	3	0.86	999	1150	18	20	<20	98	0.04	<10	143	<10	11	166
23	5002995	<0.2	3.27	50	10	<5	3.43	<1	67	1241	1	5.37	0.28	<10	>10	1215	5	0.69	1061	420	14	25	<20	65	0.04	<10	162	<10	5	150
24	5002996	0.2	7.02	<5	440	<5	2.87	<1	11	60	15	3.76	0.97	<10	1.44	658	4	2.53	29	720	26	<5	<20	391	0.35	30	102	<10	15	53
25	5002997	<0.2	1.80	165	50	<5	1.40	<1	95	1944	18	4.77	0.31	<10	>10	450	1	0.78	1625	40	10	35	<20	41	<0.01	<10	58	<10	<1	83

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AW 2008- 8611

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5002998	<0.2	0.90	65	50	<5	2.67	<1	94	1994	70	4.77	0.23	<10	>10	339	<1	0.56	1629	30	10	30	<20	54	<0.01	<10	25	<10	<1	43
27	5002999	<0.2	0.90	20	115	<5	8.68	<1	70	1640	31	4.58	0.13	<10	6.72	1016	1	0.29	1219	50	10	70	<20	267	0.01	<10	28	<10	3	32
28	5003000	<0.2	2.72	100	125	<5	9.72	<1	47	954	2	5.02	0.39	<10	6.88	1666	2	0.48	725	190	12	70	<20	358	0.08	<10	69	<10	6	39
29	5003001	0.4	5.59	30	850	<5	6.02	<1	26	192	102	5.35	1.64	<10	2.91	1903	3	0.59	67	620	32	15	<20	187	0.28	<10	154	<10	11	75
30	5003002	0.2	5.69	30	885	<5	5.68	<1	24	189	88	5.35	1.65	<10	2.75	1835	3	0.60	53	570	26	15	<20	169	0.28	<10	150	<10	11	68
31	5003003	<0.2	5.11	20	735	<5	3.06	<1	17	182	47	4.12	1.23	10	1.86	1365	2	0.41	43	400	24	10	<20	94	0.25	<10	102	<10	9	57
32	5003004	0.8	4.08	45	900	<5	1.46	<1	15	180	71	3.01	1.31	<10	1.13	1300	1	0.28	38	250	44	10	<20	64	0.13	<10	63	<10	6	124
33	5003025	0.4	3.34	<5	300	<5	1.63	<1	11	192	31	2.15	0.44	10	0.75	547	1	0.53	22	380	18	<5	<20	152	0.18	<10	73	<10	9	33
34	5003026	0.2	4.92	25	775	<5	2.47	<1	12	136	9	2.35	0.82	20	1.22	461	1	1.93	24	380	22	5	<20	81	0.24	<10	66	<10	13	20
35	5003027	0.2	4.82	<5	955	<5	1.39	<1	10	154	4	1.48	0.81	20	0.80	306	2	1.44	16	390	20	<5	<20	74	0.18	<10	45	<10	11	14
36	5003028	0.4	4.03	<5	535	<5	1.64	<1	15	167	26	2.83	0.51	10	1.03	790	1	0.29	32	380	22	10	<20	57	0.29	<10	85	<10	12	37
37	5003028	0.2	4.16	<5	520	<5	1.68	<1	16	172	25	2.93	0.51	<10	1.04	819	2	0.32	34	380	20	15	<20	57	0.32	<10	91	<10	12	40
38	5003030	3.8	7.93	20	1345	<5	2.03	2	25	104	9997	5.70	3.36	40	1.14	385	278	1.13	40	1050	116	25	<20	286	0.16	<10	99	<10	12	143
39	5003031	<0.2	8.54	<5	830	<5	5.50	<1	38	222	68	8.40	0.83	<10	4.29	1540	4	2.67	85	790	30	10	<20	144	0.95	<10	290	<10	32	69
40	5003032	0.2	5.48	15	1485	<5	2.85	<1	17	135	46	3.93	1.21	10	1.74	1186	3	1.26	34	470	26	10	<20	116	0.36	<10	102	<10	15	47
41	5003033	0.2	6.83	15	1700	<5	3.14	<1	33	172	129	6.51	1.15	<10	2.80	1957	3	1.43	66	630	28	15	<20	137	0.58	<10	212	<10	16	90
42	5003034	0.4	4.36	20	1645	<5	1.90	<1	21	144	31	3.55	0.96	<10	1.39	1978	2	0.63	39	440	24	5	<20	81	0.34	<10	99	<10	9	54
43	5003035	<0.2	2.59	10	785	<5	1.16	<1	11	142	37	1.83	0.51	<10	0.67	977	<1	0.19	18	310	16	<5	<20	45	0.13	<10	32	<10	7	37
44	5003036	0.2	7.10	<5	445	<5	2.88	<1	11	57	16	3.83	0.97	10	1.41	668	4	2.55	27	730	28	<5	<20	391	0.36	<10	107	<10	15	54
45	5003037	0.2	6.96	15	1420	<5	4.76	<1	31	175	111	7.05	1.22	<10	3.54	1362	3	2.04	67	630	24	5	<20	157	0.52	<10	210	<10	13	60
46	5003038	0.6	8.04	<5	515	<5	5.12	<1	40	208	245	8.74	0.55	<10	4.25	1351	4	2.66	80	770	30	5	<20	136	0.89	<10	265	<10	29	73
47	5003039	2.0	8.30	5	320	<5	4.12	<1	33	189	94	7.77	0.47	<10	3.86	1418	4	2.91	72	730	24	10	<20	148	0.79	<10	273	<10	29	68
48	5003040	0.2	8.30	<5	840	<5	4.05	<1	40	216	348	9.07	0.79	<10	4.20	1694	5	2.65	83	820	30	10	<20	132	0.93	<10	271	<10	30	90
49	5003041	0.2	5.16	<5	655	<5	1.63	<1	19	104	116	4.79	0.58	10	1.48	1158	2	1.58	22	860	22	5	<20	123	0.38	<10	97	<10	18	61
50	5003042	0.2	4.94	<5	590	<5	1.54	<1	15	107	99	4.39	0.52	10	1.37	1124	2	1.58	17	880	18	5	<20	131	0.36	<10	88	<10	16	60
51	5003043	3.0	2.81	70	600	<5	1.51	<1	8	120	44	1.79	0.52	<10	0.63	663	<1	0.33	13	340	12	5	<20	56	0.12	<10	45	<10	8	33
52	5003044	0.2	4.38	<5	925	<5	1.58	<1	12	94	36	3.18	0.86	10	1.16	785	2	0.89	17	600	22	<5	<20	190	0.28	<10	68	<10	14	51
53	5003045	0.4	4.80	<5	790	<5	1.98	<1	15	103	46	3.49	0.89	20	1.15	969	2	1.16	25	550	24	5	<20	223	0.33	<10	75	<10	13	53
54	5003046	0.4	4.47	310	875	<5	2.36	1	13	96	61	2.75	1.05	10	1.01	1125	2	1.19	23	790	24	<5	<20	135	0.23	<10	74	<10	11	53
55	5003047	0.6	5.14	5	930	<5	1.41	<1	17	78	67	3.21	1.21	10	1.15	1315	2	0.90	23	490	28	5	<20	112	0.29	<10	87	<10	15	67
56	5003048	0.6	4.30	<5	765	<5	0.55	<1	13	102	62	2.60	1.02	10	0.83	1014	1	0.23	20	420	24	10	<20	25	0.24	<10	62	<10	11	55
57	5003048	0.4	4.25	<5	755	<5	0.57	<1	13	102	63	2.61	1.01	10	0.82	1027	1	0.23	20	420	26	10	<20	24	0.23	<10	60	<10	11	53
58	5003050	3.6	6.57	170	1290	<5	2.63	2	11	98	65	4.47	1.32	10	1.24	596	14	1.86	42	920	290	50	<20	284	0.31	<10	118	<10	16	279
59	5003051	0.8	3.75	10	695	<5	1.22	<1	11	134	44	2.39	0.88	10	0.68	1054	2	0.22	19	320	22	15	<20	38	0.17	<10	56	<10	7	47
60	5003052	0.4	2.56	<5	475	<5	0.20	<1	12	149	43	1.70	0.52	<10	0.46	840	1	0.13	18	280	16	10	<20	18	0.15	<10	46	<10	6	34
61	5003053	0.4	2.08	<5	460	<5	0.51	<1	7	177	48	1.52	0.46	<10	0.42	619	1	0.11	14	290	18	10	<20	18	0.10	<10	46	<10	5	34
62	5003054	0.8	3.48	10	405	<5	2.84	5	12	432	89	2.56	1.32	30	0.93	694	19	0.23	72	6430	56	30	<20	81	0.10	<10	156	<10	31	305
63	5003055	0.6	3.50	5	700	<5	3.23	2	14	339	91	3.21	1.01	30	1.24	835	15	0.25	54	5070	44	15	<20	87	0.17	<10	121	<10	31	168
64	5003056	0.4	7.00	<5	445	<5	3.08	<1	11	57	17	3.87	1.03	<10	1.48	656	4	2.64	26	720	30	<5	<20	383	0.37	<10	109	<10	15	52
65	5003057	0.8	7.43	<5	625	<5	4.66	<1	34	209	142	6.97	0.71	<10	3.71	1186	3	2.65	73	670	28	10	<20	87	0.81	<10	248	<10	27	58

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AW 2008- 8611

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	5003058	0.6	7.83	15	775	<5	5.45	<1	36	184	65	8.00	1.03	<10	4.55	1183	3	2.54	72	700	26	10	<20	122	0.75	<10	262	<10	28	56
67	5003059	0.4	4.71	10	545	<5	2.62	<1	25	131	266	5.14	0.66	<10	2.51	1008	2	0.86	44	450	20	10	<20	78	0.32	<10	128	<10	12	43
68	5003060	0.2	7.37	10	435	<5	2.15	<1	38	172	21	7.95	0.48	<10	2.85	1509	3	0.45	67	740	26	25	<20	28	0.83	<10	254	<10	21	37
69	5003061	0.6	6.74	<5	790	<5	3.77	<1	30	174	1	7.11	0.86	<10	2.74	1359	2	1.52	53	650	24	10	<20	98	0.74	<10	219	<10	24	45
70	5003062	0.4	6.87	<5	760	<5	4.31	<1	33	167	<1	7.71	0.81	<10	2.89	1452	3	1.51	58	700	24	5	<20	108	0.81	<10	214	<10	25	46
71	5003063	<0.2	5.31	<5	365	<5	1.84	<1	26	186	48	5.77	0.43	<10	2.16	905	3	0.35	52	530	22	<5	<20	35	0.57	<10	170	<10	17	53
72	5003064	0.4	8.02	<5	285	<5	7.42	<1	37	255	13	8.29	0.49	<10	4.39	1255	3	2.46	80	680	28	5	<20	270	0.89	<10	276	<10	29	58
73	5003065	0.2	7.83	<5	435	<5	7.30	<1	39	239	18	8.54	0.61	<10	4.82	1248	3	2.89	84	730	26	10	<20	196	0.93	<10	264	<10	30	62
74	5003066	<0.2	8.04	<5	480	<5	6.74	<1	39	235	46	8.45	0.68	<10	4.92	1216	3	2.89	84	700	30	10	<20	127	0.92	<10	277	<10	30	62
75	5003067	<0.2	7.74	<5	305	<5	9.92	<1	32	204	12	7.57	0.62	<10	3.31	1019	3	1.95	63	670	28	10	<20	459	0.81	<10	260	<10	27	42
76	5003068	<0.2	8.28	<5	265	<5	8.98	<1	32	213	71	7.78	0.45	<10	3.63	1097	3	2.33	59	690	30	10	<20	420	0.87	<10	263	<10	30	49
77	5003068	<0.2	8.21	<5	260	<5	9.26	<1	33	199	69	7.92	0.45	<10	3.57	1124	3	2.45	59	700	30	10	<20	418	0.88	<10	265	<10	29	49
78	5003070	2.2	6.13	<5	550	<5	3.15	<1	9	38	6779	8.40	2.32	<10	1.17	988	9	1.37	21	790	50	35	<20	409	0.15	<10	80	<10	9	129
79	5003071	0.4	8.06	<5	580	<5	6.47	<1	36	140	36	7.86	0.69	<10	3.11	1249	3	2.05	66	800	30	10	<20	199	0.93	<10	260	<10	24	54
80	5003072	<0.2	6.56	15	510	<5	4.85	<1	28	159	29	6.44	0.69	<10	3.62	1246	3	1.51	59	570	20	10	<20	115	0.54	<10	202	<10	19	43
81	5003073	0.2	8.18	<5	635	<5	6.44	<1	41	228	59	8.85	0.78	<10	4.30	1224	4	2.88	90	800	26	10	<20	186	1.04	<10	283	<10	28	64
82	5003074	0.6	7.04	<5	720	<5	8.59	<1	32	198	25	7.18	0.91	<10	3.71	1438	3	2.11	74	640	22	5	<20	184	0.74	<10	226	<10	27	52
83	5003075	<0.2	8.30	<5	615	<5	7.48	<1	41	219	<1	9.11	0.86	<10	5.02	1649	3	2.80	89	820	28	10	<20	123	1.04	<10	260	<10	31	64
84	5003076	0.3	7.17	<5	445	<5	3.02	<1	12	55	15	3.85	1.02	<10	1.52	703	5	2.72	29	760	30	<5	<20	390	0.36	<10	100	<10	15	55
85	5003077	0.2	8.28	<5	420	<5	6.79	<1	35	229	10	8.15	0.62	<10	4.91	1422	3	2.81	75	720	26	10	<20	194	0.91	<10	270	<10	31	56
86	5003078	0.2	8.04	<5	210	<5	8.38	<1	40	253	20	8.78	0.43	<10	4.75	1269	3	2.14	84	790	26	5	<20	350	0.98	<10	263	<10	33	57
QC DATA:																														
Repeat:																														
1	5002973	0.2	1.76	<5	20	<5	0.26	<1	69	1194	33	5.42	0.32	<10	>10	886	3	0.80	804	170	8	15	<20	12	0.09	<10	54	<10	3	97
10	5002982	<0.2	1.30	5	10	<5	8.51	<1	69	1334	4	5.56	0.27	<10	>10	762	<1	0.67	357	40	8	15	<20	143	0.05	<10	91	<10	2	22
19	5002991	0.2	0.71	5	<5	<5	6.71	<1	71	1664	19	4.27	0.26	<10	>10	1132	<1	0.64	837	20	6	20	<20	114	<0.01	<10	28	<10	2	35
36	5003028	0.4	4.13	<5	535	<5	1.61	<1	16	177	26	2.93	0.51	<10	1.04	793	2	0.28	32	380	18	10	<20	55	0.29	<10	90	<10	12	36
45	5003037	0.4	7.03	20	1440	<5	4.97	<1	34	178	113	7.21	1.26	<10	3.68	1419	3	2.07	71	650	28	10	<20	158	0.54	<10	208	<10	13	65
54	5003046	0.4	4.37	325	845	<5	2.39	1	14	95	60	2.76	1.03	10	0.99	1094	2	1.18	23	780	24	<5	<20	132	0.22	<10	67	<10	10	52
71	5003063	<0.2	5.23	<5	355	<5	1.77	<1	25	183	45	5.69	0.42	<10	2.08	895	2	0.35	49	500	22	5	<20	33	0.56	<10	168	<10	15	52
80	5003072	<0.2	6.60	15	505	<5	4.87	<1	29	158	29	6.52	0.68	<10	3.67	1276	3	1.49	60	580	22	5	<20	115	0.55	<10	198	<10	19	43
Resplit:																														
1	5002973	<0.2	1.84	<5	20	<5	0.23	<1	63	1178	28	5.23	0.31	<10	>10	847	2	0.79	779	150	10	15	<20	13	0.09	<10	51	<10	3	91
71	5003063	<0.2	5.19	<5	335	<5	1.66	<1	27	170	52	5.57	0.41	<10	2.03	875	3	0.34	48	510	24	5	<20	33	0.55	<10	157	<10	14	46
Standard:																														
STSD3		0.4	5.95	20	1320	<5	2.39	<1	14	60	36	4.27	1.43	30	1.27	2541	7	1.26	31	1740	54	5	<20	234	0.31	<10	113	<10	28	192
STSD3		0.5	5.98	25	1340	<5	2.40	<1	15	59	36	4.24	1.46	30	1.26	2581	7	1.30	30	1730	52	<5	<20	246	0.29	<10	112	<10	29	189
STSD3		0.5	5.12	25	1350	<5	2.48	<1	15	59	36	4.31	1.47	30	1.30	2566	7	1.30	32	1700	52	5	<20	232	0.30	<10	112	<10	29	197

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regi[illegible]gest / AA Finish.
JJ/ap
df/td8611s

ECO TECH LABO[illegible]ORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Kamloops, British Columbia,
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8594

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

7-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0011
Submitted by: Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5003184		0.03	0.001
2	5003185		<0.03	<0.001
3	5003186		0.05	0.001
4	5003187		0.09	0.003
5	5003188		0.17	0.005
6	5003188 Dup		0.15	0.004
7	5003190		0.72	0.021
8	5003191	**	11.3	0.330
9	5003192		0.98	0.029
10	5003193	*	4.93	0.144
11	5003194	*	3.26	0.095
12	5003195		0.19	0.006
13	5003196		<0.03	<0.001
14	5003197		<0.03	<0.001
15	5003198		<0.03	<0.001
16	5003199		<0.03	<0.001
17	5003200		<0.03	<0.001
18	5003201		<0.03	<0.001
19	5003202		<0.03	<0.001
20	5003203		<0.03	<0.001

* Metallic Au
** Based on 150g

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

Eco Tech Laboratory Ltd.
10041 Dallas Drive,
Kamloops, British Columbia,
V2C 6T4, Canada
Tel + 250 573 5700
Fax + 250 573 4557
www.alexstewart.com

Alex Stewart GEOCHEMICAL

Hawthorne Gold Corp AW 2008-8594 07-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	5003184	<0.03	<0.001
9	5003192	1.02	0.030
12	5003195	0.18	0.005
Resplit:			
1	5003184	<0.03	<0.001
Standard:			
Oxi67		1.84	0.054

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

JJ/ndw
XLS/08

Eco Tech Laboratory Ltd.
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8594

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

12-Nov-08

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0011
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
2	5003185	2.67
3	5003186	2.63
4	5003187	2.67
5	5003188	2.73
8	5003191	2.66
9	5003192	2.73
10	5003193	2.59
11	5003194	2.59
12	5003195	2.81
14	5003197	2.74

QC DATA:

Repeat:

3	5003186	2.64

Standard:

SG-1	2.60

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

JJ/nw
XLS/07

11-Nov-08

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8594

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0011
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003184	0.6	7.26	10	555	<5	3.95	<1	30	200	18	6.51	1.04	<10	3.20	1251	4	0.62	69	690	26	25	<20	63	0.47	<10	231	<10	18	66
2	5003185	0.2	0.61	<5	60	<5	7.20	<1	2	169	4	4.18	0.14	<10	2.68	1854	<1	0.11	13	160	6	5	<20	183	0.01	<10	42	<10	6	31
3	5003186	0.6	2.13	35	410	<5	2.05	<1	9	196	33	1.54	0.68	<10	0.92	729	2	0.16	15	220	12	5	<20	71	0.07	<10	49	<10	4	26
4	5003187	0.8	3.77	5	245	<5	3.38	<1	17	182	57	3.65	0.69	<10	1.67	999	4	0.30	39	480	18	15	<20	89	0.25	<10	137	<10	7	56
5	5003188	0.8	4.66	20	205	<5	4.15	2	18	477	120	4.10	1.80	20	1.87	950	34	0.40	90	7390	30	25	<20	103	0.21	<10	172	<10	32	291
6	5003188 Dup	1.0	4.64	10	185	<5	3.90	2	12	483	116	3.89	1.78	20	1.85	991	29	0.39	85	6950	26	20	<20	103	0.19	<10	178	<10	32	280
7	5003190	2.2	6.04	<5	530	<5	2.95	<1	6	37	6877	7.93	2.29	10	1.10	995	8	1.41	20	810	48	25	<20	401	0.13	<10	84	<10	8	124
8	5003191	1.8	1.06	10	255	<5	0.85	3	5	320	18	1.57	0.42	<10	0.31	177	9	0.05	28	1400	28	15	<20	48	0.01	<10	43	<10	8	1146
9	5003192	1.4	4.21	20	60	<5	4.01	1	23	143	65	4.63	1.54	<10	1.56	1127	5	0.35	48	380	30	15	<20	125	0.12	<10	124	<10	6	218
10	5003193	1.0	0.10	20	20	<5	0.13	1	1	187	7	0.74	0.03	<10	0.06	56	<1	0.01	7	20	2	10	<20	6	<0.01	<10	5	<10	<1	464
11	5003194	0.8	0.58	25	125	<5	0.62	1	5	177	10	1.91	0.19	<10	0.26	125	2	0.03	15	30	8	15	<20	15	0.02	<10	22	<10	<1	340
12	5003195	0.6	7.35	30	1100	<5	7.84	<1	30	148	7	6.65	2.53	<10	3.76	1216	3	1.20	59	690	26	15	<20	172	0.26	<10	226	<10	13	42
13	5003196	0.2	6.93	<5	430	<5	2.69	<1	9	55	18	3.44	1.01	10	1.37	575	5	2.60	22	710	26	<5	<20	382	0.33	<10	111	<10	15	57
14	5003197	0.4	7.85	10	295	<5	6.11	<1	29	180	13	6.54	0.73	<10	3.66	958	3	2.83	59	710	24	10	<20	132	0.62	<10	265	<10	24	47
15	5003198	0.6	8.20	<5	90	<5	6.22	<1	28	190	<1	6.54	0.39	<10	4.11	977	3	2.89	57	660	24	5	<20	172	0.70	<10	267	<10	29	45
16	5003199	0.6	7.89	10	220	<5	6.86	<1	33	178	1	7.69	0.73	<10	4.02	1108	3	2.76	67	790	28	10	<20	161	0.76	<10	261	<10	28	45
17	5003200	0.4	8.28	<5	90	<5	7.39	<1	36	196	<1	8.23	0.46	<10	4.35	1240	4	3.74	72	790	30	10	<20	137	0.87	<10	283	<10	28	55
18	5003201	0.4	8.44	<5	105	<5	5.31	<1	31	183	17	6.17	0.48	<10	4.42	1011	3	3.38	50	620	20	10	<20	142	0.70	<10	300	<10	30	51
19	5003202	0.4	8.45	<5	110	<5	4.66	<1	29	192	21	5.79	0.48	<10	4.38	944	2	3.46	47	550	18	5	<20	144	0.63	<10	299	<10	30	43
20	5003203	0.4	8.04	5	145	<5	5.88	<1	32	193	48	7.24	0.55	<10	4.20	1099	3	3.11	64	710	26	10	<20	157	0.76	<10	287	<10	29	55
QC DATA:																														
Repeat:																														
1	5003184	0.6	7.18	10	545	<5	4.04	<1	29	202	16	6.58	1.02	<10	3.15	1277	4	0.61	70	700	28	20	<20	62	0.48	<10	237	<10	18	65
10	5003193	1.0	0.11	30	20	<5	0.15	1	1	188	8	0.77	0.03	<10	0.06	60	1	0.02	8	20	4	10	<20	5	<0.01	<10	4	<10	<1	469
19	5003202	0.4	8.44	<5	105	<5	4.73	<1	32	195	22	5.68	0.49	<10	4.37	948	3	3.49	50	540	22	10	<20	148	0.62	<10	300	<10	30	45
Resplit:																														
1	5003184	0.4	7.09	10	540	<5	4.08	<1	30	199	16	6.58	0.99	<10	3.11	1280	5	0.60	70	710	24	25	<20	62	0.49	<10	234	<10	18	66

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Stsd3		0.4	5.94	15	1280	<5	2.52	<1	12	56	42	4.29	1.41	30	1.34	2519	7	1.21	27	1590	46	5	<20	270	0.29	<10	116	<10	28	196

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/nw
df/td8577s
XLS/08

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CERTIFICATE OF ASSAY AW 2008-8614

Revised

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 127
Sample Type:Core
Project: H1005
Shipment #:2008-0021
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003079	<0.03	<0.001
2	5003080	<0.03	<0.001
3	5003081	<0.03	<0.001
4	5003082	<0.03	<0.001
5	5003083	<0.03	<0.001
6	5003084	<0.03	<0.001
7	5003085	<0.03	<0.001
8	5003086	<0.03	<0.001
9	5003087	<0.03	<0.001
10	5003088	<0.03	<0.001
11	5003088	<0.03	<0.001
12	5003090	1.39	0.041
13	5003091	<0.03	<0.001
14	5003092	<0.03	<0.001
15	5003093	<0.03	<0.001
16	5003094	<0.03	<0.001
17	5003095	<0.03	<0.001
18	5003096	<0.03	<0.001
19	5003097	<0.03	<0.001
20	5003098	<0.03	<0.001
21	5003099	<0.03	<0.001
22	5003100	<0.03	<0.001
23	5003101	<0.03	<0.001
24	5003102	<0.03	<0.001
25	5003103	<0.03	<0.001
26	5003104	<0.03	<0.001
27	5003105	<0.03	<0.001
28	5003106	<0.03	<0.001

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Hawthorne Gold Corp - AW08-8614 20-Nov-08

ET #.	Tag #		Au (g/t)	Au (oz/t)
29	5003107		<0.03	<0.001
30	5003108		<0.03	<0.001
31	5003108		<0.03	<0.001
32	5003110		3.46	0.101
33	5003111		<0.03	<0.001
34	5003112		<0.03	<0.001
35	5003113		0.07	0.002
36	5003114		0.04	0.001
37	5003115	*	0.35	0.010
38	5003116		<0.03	<0.001
39	5003117		<0.03	<0.001
40	5003118		<0.03	<0.001
41	5003119		<0.03	<0.001
42	5003120		0.03	0.001
43	5003121		0.10	0.003
44	5003122		0.12	0.003
45	5003123		<0.03	<0.001
46	5003124		0.09	0.003
47	5003125		0.09	0.003
48	5003126		<0.03	<0.001
49	5003127		<0.03	<0.001
50	5003128		0.03	0.001
51	5003128		<0.03	<0.001
52	5003130		0.70	0.020
53	5003131		<0.03	<0.001
54	5003132		<0.03	<0.001
55	5003133		<0.03	<0.001
56	5003134		<0.03	<0.001
57	5003135		<0.03	<0.001
58	5003136		<0.03	<0.001
59	5003137		<0.03	<0.001
60	5003138		<0.03	<0.001
61	5003139		<0.03	<0.001
62	5003140		0.03	0.001
63	5003141		<0.03	<0.001
64	5003142		<0.03	<0.001
65	5003143		<0.03	<0.001
66	5003144		<0.03	<0.001
67	5003145		<0.03	<0.001
68	5003146		<0.03	<0.001
69	5003147		<0.03	<0.001

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Hawthorne Gold Corp - AW08-8614 20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
70	5003148	<0.03	<0.001
71	5003148	<0.03	<0.001
72	5003150	1.43	0.042
73	5003151	<0.03	<0.001
74	5003152	0.15	0.004
75	5003153	<0.03	<0.001
76	5003154	<0.03	<0.001
77	5003155	<0.03	<0.001
78	5003156	<0.03	<0.001
79	5003157	<0.03	<0.001
80	5003158	<0.03	<0.001
81	5003159	<0.03	<0.001
82	5003160	<0.03	<0.001
83	5003161	<0.03	<0.001
84	5003162	<0.03	<0.001
85	5003163	<0.03	<0.001
86	5003164	0.04	0.001
87	5003165	<0.03	<0.001
88	5003166	<0.03	<0.001
89	5003167	<0.03	<0.001
90	5003168	<0.03	<0.001
91	5003168	0.03	0.001
92	5003170	3.44	0.100
93	5003171	<0.03	<0.001
94	5003172	<0.03	<0.001
95	5003173	<0.03	<0.001
96	5003174	<0.03	<0.001
97	5003175	<0.03	<0.001
98	5003176	<0.03	<0.001
99	5003177	<0.03	<0.001
100	5003178	0.08	0.002
101	5003179	<0.03	<0.001
102	5003180	0.19	0.006
103	5003181	0.03	0.001
104	5003182	0.05	0.001
105	5003183	0.04	0.001
106	5003204	<0.03	<0.001
107	5003205	<0.03	<0.001
108	5003206	0.21	0.006
109	5003207	<0.03	<0.001
110	5003208	<0.03	<0.001
111	5003208	<0.03	<0.001

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Hawthorne Gold Corp - AW08-8614 20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
112	5003210	1.39	0.041
113	5003211	<0.03	<0.001
114	5003212	<0.03	<0.001
115	5003213	<0.03	<0.001
116	5003214	<0.03	<0.001
117	5003215	<0.03	<0.001
118	5003216	<0.03	<0.001
119	5003217	0.16	0.005
120	5003218	<0.03	<0.001
121	5003219	<0.03	<0.001
122	5003220	<0.03	<0.001
123	5003221	<0.03	<0.001
124	5003222	<0.03	<0.001
125	5003223	<0.03	<0.001
126	5003224	<0.03	<0.001
127	5003225	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003079	<0.03	<0.001
10	5003088	0.04	0.001
19	5003097	<0.03	<0.001
36	5003114	<0.03	<0.001
45	5003123	<0.03	<0.001
54	5003132	<0.03	<0.001
71	5003148	<0.03	<0.001
74	5003152	0.12	0.003
80	5003158	<0.03	<0.001
89	5003167	<0.03	<0.001
102	5003180	0.21	0.006
106	5003204	<0.03	<0.001
108	5003206	0.23	0.007
115	5003213	<0.03	<0.001
119	5003217	0.16	0.005
124	5003222	<0.03	<0.001
Resplit:			
1	5003079	<0.03	<0.001
36	5003114	<0.03	<0.001
73	5003151	<0.03	<0.001
106	5003204	<0.03	<0.001
Standard:			
Oxi67		1.86	0.054
Oxi67		1.82	0.053
HiSilk2		3.40	0.099
HiSilk2		3.45	0.101

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21-Nov-08

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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8614

Total Digestion

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 127
Sample Type:Core
Project: H1005
Shipment #:2008-0021
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003079	1.4	4.45	10	1260	<5	2.78	<1	7	203	60	2.15	1.93	20	1.67	417	7	0.15	42	620	30	10	<20	221	0.10	<10	100	<10	11	135
2	5003080	1.8	4.49	10	775	<5	3.99	2	10	212	50	3.27	2.16	10	1.09	519	29	0.10	59	890	50	20	<20	241	0.08	<10	282	<10	11	209
3	5003081	1.4	3.90	10	340	<5	2.20	2	8	226	46	3.50	1.46	10	1.12	534	16	0.09	49	810	72	20	<20	112	0.06	<10	210	<10	9	215
4	5003082	1.2	3.78	10	275	<5	2.51	3	11	215	44	4.10	1.50	20	1.07	651	18	0.09	56	910	78	25	<20	103	0.08	<10	186	<10	8	235
5	5003083	0.6	3.31	10	800	<5	0.65	1	18	174	146	2.85	0.88	30	2.94	495	2	0.14	78	520	74	5	<20	71	0.11	<10	90	<10	7	199
6	5003084	0.4	4.25	<5	25	<5	4.85	<1	25	157	<1	5.33	0.11	20	>10	2205	4	0.28	121	450	24	<5	<20	195	0.05	<10	163	<10	10	157
7	5003085	0.2	4.59	5	25	<5	5.11	<1	29	261	<1	5.88	0.12	40	>10	1862	37	0.29	235	2580	36	5	<20	222	0.05	<10	399	<10	16	183
8	5003086	0.2	1.23	40	15	<5	0.43	<1	78	1790	97	4.29	0.18	<10	>10	412	<1	0.43	1539	60	12	50	<20	28	<0.01	<10	31	<10	<1	91
9	5003087	0.2	0.96	70	15	<5	0.42	<1	69	1550	41	4.07	0.17	<10	>10	329	<1	0.42	1377	60	10	55	<20	26	<0.01	<10	25	<10	<1	97
10	5003088	0.4	4.65	110	45	<5	4.78	1	49	1094	9	6.11	0.15	30	>10	1422	37	0.34	790	1490	44	40	<20	408	0.07	<10	210	<10	12	178
11	5003088	0.3	4.61	105	40	<5	4.63	<1	50	1075	5	6.20	0.13	30	>10	1459	36	0.32	809	1550	50	35	<20	414	0.07	<10	209	<10	13	172
12	5003090	3.8	7.59	15	1335	<5	1.77	2	14	103	9961	5.74	3.21	30	1.13	357	299	0.96	33	980	106	15	<20	275	0.14	<10	95	<10	12	131
13	5003091	<0.2	5.04	105	20	<5	3.39	1	56	1388	13	6.38	0.12	<10	>10	1470	15	0.29	1178	370	28	45	<20	290	0.02	<10	168	<10	4	145
14	5003092	<0.2	1.45	140	<5	5	0.52	1	90	2115	40	6.04	0.13	<10	>10	863	1	0.33	1753	110	10	85	<20	41	0.01	<10	102	<10	<1	144
15	5003093	<0.2	1.41	55	10	<5	0.81	<1	73	1602	45	4.55	0.19	<10	>10	518	<1	0.47	1536	60	10	50	<20	45	<0.01	<10	38	<10	<1	99
16	5003094	<0.2	1.59	25	5	5	0.15	<1	68	1525	27	4.31	0.19	<10	>10	388	<1	0.47	1388	60	8	45	<20	8	<0.01	<10	47	<10	<1	99
17	5003095	0.2	0.82	20	10	<5	0.11	<1	63	1368	41	3.79	0.18	<10	>10	183	<1	0.47	1260	60	8	40	<20	9	<0.01	<10	19	<10	<1	47
18	5003096	<0.2	6.76	5	445	<5	2.94	<1	10	60	15	3.69	0.99	<10	1.51	630	5	2.34	34	750	30	<5	<20	388	0.35	<10	104	<10	16	58
19	5003097	0.2	1.07	25	15	<5	0.09	<1	67	1506	111	3.99	0.21	<10	>10	194	2	0.56	1271	60	8	40	<20	8	<0.01	<10	26	<10	<1	40
20	5003098	<0.2	1.44	20	10	<5	0.09	<1	70	1622	63	4.36	0.20	<10	>10	294	<1	0.49	1391	50	18	45	<20	7	<0.01	<10	33	<10	<1	61
21	5003099	0.2	0.81	25	<5	5	5.33	<1	75	1901	21	4.63	0.18	<10	>10	846	<1	0.44	1454	50	8	55	<20	244	<0.01	<10	28	<10	<1	24
22	5003100	0.2	0.76	15	10	<5	3.85	<1	73	1677	11	5.09	0.22	<10	>10	687	1	0.53	1484	50	2	50	<20	179	<0.01	<10	24	<10	<1	25
23	5003101	<0.2	0.72	5	45	<5	5.47	<1	52	1516	5	4.17	0.23	<10	>10	774	<1	0.56	1128	40	2	45	<20	235	<0.01	<10	17	<10	<1	24
24	5003102	<0.2	0.73	<5	55	<5	4.92	<1	59	1605	8	4.20	0.23	<10	>10	739	<1	0.56	1168	50	6	50	<20	223	<0.01	<10	17	<10	<1	23
25	5003103	<0.2	1.08	10	30	5	2.16	<1	78	2111	9	5.15	0.28	<10	>10	366	<1	0.67	1523	60	8	60	<20	92	0.03	<10	33	<10	<1	30

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8614

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5003104	<0.2	0.98	5	5	<5	4.41	<1	75	1686	13	4.78	0.26	<10	>10	600	<1	0.63	1460	60	6	55	<20	168	0.01	<10	27	<10	<1	33
27	5003105	<0.2	0.96	5	15	5	4.66	<1	70	1784	9	4.83	0.26	<10	>10	709	<1	0.64	1490	50	10	50	<20	158	0.01	<10	23	<10	<1	28
28	5003106	<0.2	0.76	10	5	5	3.43	<1	86	2088	10	5.17	0.27	<10	>10	667	<1	0.66	1640	50	6	60	<20	113	0.01	<10	22	<10	<1	42
29	5003107	<0.2	0.80	15	5	5	1.38	<1	83	2181	7	5.22	0.29	<10	>10	447	<1	0.71	1602	50	8	60	<20	50	0.01	<10	17	<10	<1	40
30	5003108	<0.2	0.72	5	<5	5	1.72	<1	80	1992	6	5.53	0.29	<10	>10	626	<1	0.73	1694	50	6	60	<20	82	0.01	<10	15	<10	<1	39
31	5003108	<0.2	0.72	5	5	5	1.89	<1	86	2011	5	5.73	0.29	<10	>10	640	615	0.71	1688	60	6	55	<20	77	0.01	<10	14	<10	<1	41
32	5003110	3.4	6.55	165	1350	<5	2.73	4	12	106	66	4.49	1.33	10	1.31	615	19	1.91	50	1000	324	60	<20	304	0.35	<10	125	<10	18	281
33	5003111	<0.2	0.72	10	10	10	0.43	<1	94	1423	6	5.93	0.31	<10	>10	587	<1	0.78	1742	60	4	45	<20	18	0.01	<10	8	<10	<1	30
34	5003112	<0.2	0.76	10	5	<5	1.10	<1	87	1891	5	5.59	0.30	<10	>10	761	<1	0.74	1628	60	10	55	<20	40	0.01	<10	14	<10	<1	42
35	5003113	<0.2	0.71	10	15	<5	4.17	<1	81	1773	103	5.11	0.29	<10	>10	959	2	0.67	1626	60	<2	55	<20	112	0.01	<10	13	<10	<1	35
36	5003114	<0.2	0.88	5	15	<5	3.00	<1	83	1728	16	5.22	0.32	<10	>10	838	<1	0.79	1510	60	4	55	<20	95	0.01	10	18	<10	<1	36
37	5003115	<0.2	0.80	10	10	5	2.49	<1	81	1863	4	5.20	0.30	<10	>10	630	<1	0.76	1650	60	8	50	<20	87	0.01	<10	16	<10	<1	34
38	5003116	<0.2	7.08	<5	460	<5	2.82	<1	10	61	16	3.48	0.98	10	1.49	597	4	2.57	30	730	306	<5	<20	397	0.33	<10	109	<10	17	53
39	5003117	<0.2	0.74	10	55	<5	2.61	<1	90	1739	6	5.43	0.28	<10	>10	576	<1	0.70	1728	60	6	50	<20	80	0.01	<10	15	<10	<1	37
40	5003118	<0.2	0.71	10	5	<5	3.32	<1	83	1910	3	5.24	0.28	<10	>10	648	<1	0.72	1606	50	6	50	<20	100	0.01	<10	13	<10	<1	35
41	5003119	<0.2	0.65	10	<5	<5	4.06	<1	78	1665	4	4.81	0.26	<10	>10	692	<1	0.68	1558	50	6	50	<20	117	<0.01	<10	10	<10	<1	33
42	5003120	<0.2	0.70	10	5	<5	5.15	<1	75	1667	6	4.90	0.28	<10	>10	708	<1	0.70	1651	50	2	55	<20	141	0.01	<10	10	<10	<1	32
43	5003121	<0.2	0.73	10	5	<5	5.26	<1	75	1686	4	4.67	0.27	<10	>10	728	1	0.67	1503	50	8	50	<20	145	0.01	<10	16	<10	<1	31
44	5003122	<0.2	0.72	5	5	<5	5.23	<1	70	1649	3	4.38	0.26	<10	>10	712	<1	0.65	1416	40	4	45	<20	161	<0.01	<10	14	<10	<1	25
45	5003123	<0.2	0.83	15	5	<5	5.17	<1	78	1864	4	4.56	0.27	<10	>10	672	<1	0.67	1514	50	2	50	<20	151	0.01	<10	20	<10	<1	30
46	5003124	<0.2	1.07	10	5	<5	3.76	<1	84	1966	7	5.25	0.29	<10	>10	541	<1	0.72	1613	60	8	60	<20	107	0.01	<10	29	<10	<1	34
47	5003125	<0.2	1.17	15	5	<5	3.27	<1	93	1975	11	5.44	0.30	<10	>10	442	<1	0.76	1662	60	8	55	<20	109	0.01	<10	33	<10	<1	31
48	5003126	<0.2	1.17	10	5	<5	3.22	<1	84	2014	13	5.56	0.29	<10	>10	482	<1	0.72	1662	60	6	55	<20	105	0.01	<10	32	<10	<1	38
49	5003127	<0.2	1.08	10	<5	5	2.80	<1	90	1977	15	4.80	0.27	<10	>10	478	<1	0.67	1653	60	10	60	<20	110	0.01	<10	31	<10	<1	34
50	5003128	<0.2	0.74	<5	5	<5	0.33	<1	52	987	2	3.63	0.27	<10	>10	135	2	0.66	1080	50	<2	30	<20	10	0.01	<10	17	<10	<1	35
51	5003128	<0.2	0.77	<5	10	<5	0.29	<1	44	1015	1	3.15	0.29	<10	>10	128	2	0.69	977	40	<2	20	<20	7	<0.01	<10	18	<10	<1	34
52	5003130	2.0	6.13	<5	535	<5	2.94	<1	8	40	6885	7.98	2.33	<10	1.17	979	10	1.34	30	790	52	30	<20	416	0.15	<10	87	<10	9	126
53	5003131	<0.2	1.89	10	5	5	0.43	<1	76	2079	44	4.72	0.28	<10	>10	352	<1	0.72	1523	170	10	60	<20	14	0.06	<10	59	<10	<1	51
54	5003132	<0.2	3.12	<5	5	10	0.24	<1	55	354	<1	9.68	0.13	<10	>10	2328	2	0.34	281	860	22	15	<20	2	0.30	<10	261	<10	7	113
55	5003133	0.8	3.69	<5	865	5	0.42	<1	52	208	43	>10	0.98	20	7.31	3166	2	0.30	152	1330	22	25	<20	1	0.28	<10	296	<10	4	139
56	5003134	0.4	8.67	<5	160	<5	0.68	<1	27	143	121	6.14	0.31	20	3.97	1264	4	3.90	52	960	38	5	<20	38	0.54	<10	195	<10	24	63
57	5003135	<0.2	8.06	<5	70	<5	5.36	<1	37	230	39	8.43	0.23	<10	4.59	1570	4	3.21	89	810	36	15	<20	124	0.85	<10	293	<10	30	74
58	5003136	<0.2	7.10	<5	475	<5	2.98	<1	10	64	15	3.69	1.01	10	1.52	635	5	2.56	29	760	30	<5	<20	411	0.35	<10	111	<10	17	58
59	5003137	<0.2	8.03	<5	160	<5	5.34	<1	33	208	48	7.14	0.29	<10	4.41	1266	3	2.87	76	720	34	10	<20	145	0.76	<10	283	20	28	66
60	5003138	<0.2	5.70	<5	385	<5	1.61	<1	22	170	64	4.45	0.50	<10	1.96	963	4	1.81	49	630	36	10	<20	103	0.51	<10	148	20	13	61
61	5003139	<0.2	4.97	<5	570	<5	1.09	<1	13	99	87	3.20	0.75	20	1.40	1152	2	0.98	22	550	34	<5	<20	86	0.28	<10	82	<10	14	70
62	5003140	0.2	4.55	25	550	<5	3.12	1	14	153	56	3.89	0.96	<10	1.91	1174	2	0.35	33	620	34	10	<20	109	0.17	<10	99	<10	11	228
63	5003141	0.4	9.70	10	725	<5	2.74	2	47	271	35	>10	0.57	<10	4.73	2070	6	0.56	126	1020	110	50	<20	72	0.86	<10	369	<10	35	517
64	5003142	0.2	9.38	10	640	<5	2.72	1	46	248	23	>10	0.56	<10	4.79	2190	5	0.57	124	950	110	45	<20	66	0.81	<10	346	<10	31	445
65	5003143	<0.2	1.13	15	110	<5	5.32	<1	60	1459	16	4.41	0.19	<10	5.50	1007	1	0.19	1200	130	42	95	<20	88	0.05	<10	42	<10	2	113

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8614

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	5003144	<0.2	1.11	5	15	<5	1.56	<1	67	1542	37	4.08	0.26	<10	>10	215	<1	0.67	1359	60	4	45	<20	21	<0.01	<10	26	<10	<1	32
67	5003145	<0.2	1.00	15	15	<5	0.54	<1	83	1870	40	4.48	0.23	<10	>10	318	<1	0.58	1614	60	6	65	<20	16	<0.01	<10	32	<10	<1	40
68	5003146	<0.2	0.55	<5	35	<5	1.45	<1	76	1916	50	3.04	0.02	<10	3.18	704	<1	0.04	1539	30	4	120	<20	27	<0.01	<10	30	<10	<1	39
69	5003147	<0.2	2.01	<5	75	<5	5.60	<1	69	1519	12	4.53	0.12	<10	5.99	1454	2	0.29	1374	110	12	135	<20	71	0.07	<10	50	<10	3	57
70	5003148	<0.2	5.00	30	750	<5	>10	<1	39	267	8	6.02	1.15	<10	6.24	2646	4	0.65	221	450	38	95	<20	188	0.35	<10	139	<10	15	73
71	5003148	<0.2	5.25	35	775	<5	>10	<1	37	277	6	5.88	1.19	<10	6.31	2572	3	0.66	215	430	40	90	<20	186	0.35	<10	153	<10	17	69
72	5003150	3.8	8.02	20	1400	<5	2.04	3	22	108	9999	5.48	3.13	40	1.11	360	301	1.18	41	1010	110	25	<20	305	0.18	<10	101	<10	14	143
73	5003151	<0.2	7.55	45	690	<5	8.06	<1	37	176	32	7.58	1.69	<10	3.68	2184	5	0.65	92	850	54	30	<20	148	0.66	<10	248	<10	24	97
74	5003152	0.4	6.70	50	730	<5	6.76	<1	28	175	12	6.56	1.52	<10	4.26	1303	2	0.62	65	560	34	15	<20	187	0.51	<10	234	<10	23	55
75	5003153	<0.2	7.48	10	210	<5	7.02	<1	35	192	3	8.19	0.44	<10	4.26	1282	4	2.47	84	780	44	15	<20	241	0.74	<10	265	<10	26	72
76	5003154	<0.2	7.73	5	390	<5	7.68	<1	30	208	6	7.17	0.69	<10	4.20	1160	3	2.65	75	680	34	10	<20	288	0.69	<10	273	<10	28	57
77	5003155	<0.2	8.00	<5	275	<5	6.66	<1	34	173	6	8.23	0.50	<10	4.14	1289	3	3.11	74	780	46	15	<20	239	0.88	<10	296	<10	30	124
78	5003156	<0.2	7.17	5	455	<5	3.12	<1	10	58	15	3.88	1.00	10	1.45	642	5	2.45	30	760	30	5	<20	387	0.36	<10	111	<10	16	58
79	5003157	<0.2	8.82	<5	470	5	5.23	<1	35	187	15	8.43	0.66	<10	4.58	1096	3	3.05	77	850	40	15	<20	196	0.93	<10	323	20	33	77
80	5003158	<0.2	8.33	<5	265	<5	7.63	<1	36	213	<1	8.59	0.45	<10	4.44	1090	4	2.98	82	830	44	15	<20	348	0.91	<10	300	<10	32	58
81	5003159	<0.2	8.33	<5	345	<5	7.17	<1	37	206	29	8.79	0.60	<10	4.76	1195	3	3.26	85	830	38	15	<20	214	0.92	<10	304	<10	32	64
82	5003160	<0.2	7.68	<5	255	<5	6.85	<1	33	220	21	7.76	0.46	<10	4.49	1015	3	3.20	82	740	38	10	<20	241	0.82	<10	267	<10	29	62
83	5003161	<0.2	8.36	<5	295	<5	6.11	<1	34	198	52	8.01	0.52	<10	4.35	1303	3	2.81	75	790	36	10	<20	207	0.85	<10	286	<10	33	63
84	5003162	<0.2	8.15	<5	300	<5	5.58	<1	34	197	41	8.32	0.50	<10	4.33	1284	3	3.07	79	780	38	15	<20	206	0.87	<10	299	<10	32	62
85	5003163	<0.2	7.48	<5	180	<5	7.48	<1	26	162	10	6.02	0.60	<10	3.17	864	2	1.43	62	660	40	10	<20	214	0.73	<10	249	<10	25	61
86	5003164	<0.2	8.12	15	515	<5	6.01	<1	34	212	5	8.47	0.98	<10	4.30	1266	3	1.73	90	830	66	20	<20	139	0.85	<10	290	<10	29	123
87	5003165	<0.2	8.27	<5	575	<5	3.72	<1	32	211	25	7.81	0.73	<10	3.99	1088	3	1.16	89	810	38	20	<20	92	0.86	<10	295	<10	28	66
88	5003166	<0.2	7.88	<5	445	<5	6.11	<1	33	190	27	7.82	0.78	<10	4.31	1194	3	2.70	79	750	34	10	<20	171	0.76	<10	278	<10	31	61
89	5003167	<0.2	7.81	<5	205	<5	6.44	<1	32	196	6	7.73	0.41	<10	4.42	1148	3	2.94	78	750	34	15	<20	175	0.79	<10	276	<10	30	66
90	5003168	<0.2	7.63	40	720	<5	6.31	<1	35	171	38	7.16	1.39	<10	3.47	1091	4	1.48	81	760	38	20	<20	174	0.52	<10	240	<10	22	57
91	5003168	<0.2	7.45	30	695	<5	6.43	<1	36	164	39	7.33	1.33	<10	3.36	1127	5	1.33	84	780	44	20	<20	165	0.49	<10	232	<10	18	61
92	5003170	3.4	6.60	170	1310	<5	2.69	3	9	96	66	4.31	1.32	10	1.22	593	14	1.93	45	920	290	50	<20	283	0.29	<10	125	<10	16	285
93	5003171	<0.2	6.73	25	465	5	8.35	<1	33	180	42	8.01	0.96	<10	4.32	1364	4	1.52	79	720	38	10	<20	188	0.56	<10	226	<10	24	66
94	5003172	<0.2	7.67	20	445	<5	6.45	<1	36	179	92	8.09	0.90	<10	4.13	1213	4	2.83	82	800	34	20	<20	172	0.77	<10	271	<10	25	76
95	5003173	<0.2	7.91	<5	420	<5	4.99	<1	34	207	39	7.71	0.82	<10	4.43	1066	4	2.78	83	750	32	15	<20	136	0.78	<10	288	<10	29	67
96	5003174	<0.2	7.88	<5	445	<5	5.81	<1	36	197	45	8.38	0.65	<10	3.80	1093	5	2.74	86	840	36	20	<20	266	0.95	<10	293	<10	31	69
97	5003175	<0.2	8.60	<5	440	<5	4.93	<1	37	200	112	8.10	0.65	<10	3.56	1209	4	0.87	81	830	42	15	<20	97	0.94	<10	306	<10	29	75
98	5003176	<0.2	7.12	<5	450	<5	3.06	<1	11	55	15	3.86	1.00	10	1.46	635	5	2.68	29	760	26	<5	<20	389	0.36	<10	113	<10	16	58
99	5003177	0.2	7.68	10	435	<5	5.17	<1	34	199	47	7.78	0.92	<10	3.57	1495	3	0.61	81	770	56	30	<20	91	0.43	<10	247	<10	21	109
100	5003178	0.6	7.24	15	700	<5	6.21	1	33	146	54	6.95	1.45	<10	3.18	1766	3	0.56	73	700	96	50	<20	120	0.53	<10	237	<10	18	322
101	5003179	<0.2	6.62	20	710	<5	6.88	<1	22	164	30	5.10	1.59	<10	3.11	2612	3	0.53	60	600	48	30	<20	125	0.41	<10	209	<10	19	79
102	5003180	<0.2	2.32	25	360	<5	1.28	<1	5	200	18	1.54	0.57	<10	0.63	582	<1	0.12	15	220	26	5	<20	31	0.07	<10	51	<10	4	40
103	5003181	0.2	1.84	10	290	<5	1.33	<1	4	203	43	1.47	0.44	<10	0.60	466	<1	0.10	14	240	38	10	<20	30	0.08	<10	39	<10	5	93
104	5003182	0.2	1.82	15	315	<5	1.33	<1	3	209	22	1.44	0.44	<10	0.57	432	<1	0.10	14	220	36	10	<20	31	0.07	<10	35	<10	4	70
105	5003183	<0.2	4.74	15	525	<5	3.97	<1	17	180	73	4.28	0.90	<10	1.93	1173	4	0.35	46	650	54	25	<20	76	0.34	<10	158	<10	12	170

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8614

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	5003204	<0.2	8.18	10	230	<5	6.32	<1	37	206	25	8.56	0.65	<10	4.48	1451	3	2.63	82	860	60	10	<20	162	0.80	<10	284	<10	29	95
107	5003205	<0.2	8.09	15	340	<5	7.13	<1	38	185	15	8.20	1.00	<10	3.67	1384	3	1.04	73	820	28	20	<20	146	0.66	<10	280	<10	25	67
108	5003206	<0.2	5.57	50	220	<5	8.71	<1	23	131	12	6.85	1.11	<10	3.84	1362	2	0.67	49	1420	24	15	<20	265	0.14	<10	170	<10	13	59
109	5003207	<0.2	8.62	15	290	<5	4.80	<1	37	195	<1	8.13	0.62	<10	3.71	1277	3	2.01	73	840	26	20	<20	104	0.86	<10	300	<10	30	60
110	5003208	<0.2	8.58	5	270	<5	6.99	<1	42	190	11	8.51	0.74	<10	4.44	1513	4	3.23	80	900	28	10	<20	147	1.02	<10	299	<10	30	74
111	5003208	<0.2	8.42	5	270	<5	6.58	<1	36	184	12	8.38	0.73	<10	4.38	1474	3	3.14	72	880	26	10	<20	144	0.95	<10	295	<10	30	67
112	5003210	4.0	7.92	20	1380	<5	1.94	2	19	102	9982	5.47	2.80	40	1.13	336	288	1.15	33	960	108	25	<20	271	0.16	<10	102	<10	12	132
113	5003211	<0.2	5.17	5	145	<5	3.37	<1	22	138	16	4.72	0.42	10	2.59	716	2	2.19	48	510	20	5	<20	92	0.43	<10	139	<10	17	42
114	5003212	<0.2	8.34	<5	190	<5	6.42	<1	39	199	38	9.22	0.57	<10	4.71	1364	3	3.30	84	870	46	15	<20	159	0.92	<10	302	<10	31	78
115	5003213	<0.2	8.23	<5	250	<5	5.82	<1	35	177	28	8.28	0.60	<10	4.35	1333	3	3.18	67	880	24	10	<20	188	0.76	<10	286	<10	29	59
116	5003214	<0.2	8.34	<5	180	<5	6.57	<1	38	215	24	8.76	0.72	<10	4.66	1503	3	3.20	81	850	26	10	<20	219	0.96	<10	306	<10	32	74
117	5003215	<0.2	8.04	<5	160	<5	5.84	<1	34	191	<1	7.90	0.53	<10	4.28	1177	3	3.25	69	770	24	10	<20	204	0.80	<10	259	<10	29	62
118	5003216	<0.2	7.05	<5	460	<5	3.02	<1	11	61	17	4.01	1.07	10	1.47	670	4	2.62	30	780	26	5	<20	396	0.38	<10	117	<10	16	60
119	5003217	<0.2	6.89	50	745	<5	5.47	<1	30	158	145	5.92	1.19	10	3.01	1179	3	1.35	71	600	20	10	<20	173	0.22	<10	171	<10	11	51
120	5003218	<0.2	8.32	<5	180	<5	6.80	<1	38	226	39	8.81	0.67	<10	4.76	1452	3	2.87	90	810	26	10	<20	164	0.94	<10	296	<10	32	77
121	5003219	<0.2	8.50	<5	210	<5	5.74	<1	36	215	19	8.38	0.78	<10	4.49	1258	3	2.64	83	790	26	10	<20	157	0.87	<10	303	<10	33	72
122	5003220	<0.2	8.19	<5	240	<5	6.64	<1	39	222	54	8.72	0.86	<10	4.59	1452	3	2.80	89	810	24	10	<20	195	0.90	<10	302	<10	32	79
123	5003221	<0.2	8.14	10	240	<5	6.56	<1	36	242	50	8.21	0.84	<10	4.12	1532	3	2.49	88	760	22	15	<20	210	0.80	<10	294	<10	29	69
124	5003222	<0.2	8.48	20	270	<5	7.50	<1	41	261	56	9.05	0.92	<10	4.28	1699	3	2.64	102	870	28	15	<20	290	0.91	<10	313	<10	31	78
125	5003223	<0.2	8.04	<5	95	<5	7.88	<1	36	235	48	8.33	0.44	<10	4.20	1355	3	3.04	83	790	26	10	<20	348	0.90	<10	287	<10	30	74
126	5003224	<0.2	8.50	<5	200	<5	6.27	<1	40	228	51	9.04	0.64	<10	4.78	1313	3	3.43	91	870	30	10	<20	208	1.02	<10	314	<10	33	81
127	5003225	<0.2	8.47	<5	165	<5	7.80	<1	40	243	55	9.15	0.66	<10	4.69	1403	3	3.19	95	830	28	10	<20	305	0.97	<10	301	<10	32	80
QC DATA:																														
Repeat:																														
1	5003079	1.2	4.48	5	1245	<5	2.74	<1	7	204	57	2.01	1.94	20	1.70	392	6	0.16	42	600	26	10	<20	224	0.09	<10	102	<10	10	129
10	5003088	0.4	4.82	110	45	<5	4.94	1	51	1109	6	6.20	0.15	30	>10	1417	38	0.35	805	1530	48	45	<20	417	0.08	<10	212	<10	13	184
19	5003097	<0.2	1.11	20	5	<5	0.10	<1	74	1476	99	4.16	0.23	<10	>10	205	1	0.60	1310	60	8	40	<20	5	<0.01	<10	27	<10	<1	44
36	5003114	<0.2	0.85	5	10	<5	2.94	<1	76	1724	12	5.12	0.30	<10	>10	817	<1	0.77	1469	60	4	45	<20	93	0.01	<10	17	<10	<1	31
45	5003123	<0.2	0.86	10	<5	<5	4.94	<1	79	1857	6	4.61	0.27	<10	>10	668	<1	0.69	1472	50	4	55	<20	153	0.01	<10	22	<10	<1	29
54	5003132	<0.2	2.91	<5	5	5	0.25	<1	55	368	<1	9.56	0.15	<10	>10	2267	1	0.36	275	820	18	15	<20	4	0.27	<10	261	<10	2	108
71	5003148	<0.2	5.15	30	760	<5	>10	<1	37	282	7	5.99	1.21	<10	6.24	2545	3	0.69	218	420	44	95	<20	177	0.33	<10	150	<10	15	67
80	5003158	<0.2	8.43	<5	265	<5	7.55	<1	36	212	<1	8.56	0.45	<10	4.49	1099	3	2.92	83	840	38	10	<20	359	0.92	<10	300	<10	33	57
89	5003167	<0.2	8.00	<5	210	<5	6.65	<1	35	200	6	7.97	0.42	<10	4.56	1194	4	3.03	84	770	38	15	<20	172	0.83	<10	280	<10	31	72
106	5003204	<0.2	8.19	15	225	<5	6.29	<1	36	205	23	8.41	0.66	<10	4.50	1396	4	2.67	79	840	56	10	<20	159	0.78	<10	278	<10	28	91
115	5003213	<0.2	8.43	5	250	<5	6.07	<1	37	182	28	8.48	0.63	<10	4.40	1375	3	3.29	70	910	26	10	<20	196	0.78	<10	290	<10	30	66
Resplit:																														
1	5003079	1.2	4.48	5	1230	<5	2.49	<1	6	201	55	1.88	1.95	20	1.68	374	6	0.17	40	580	26	10	<20	217	0.08	<10	101	<10	10	134
36	5003114	<0.2	0.94	10	10	<5	2.71	<1	69	1732	12	4.72	0.34	<10	>10	790	<1	0.83	1412	50	4	40	<20	94	<0.01	<10	19	<10	<1	27
73	5003151	<0.2	7.54	25	685	<5	8.44	<1	35	165	21	6.80	1.73	<10	3.54	1999	3	0.73	81	770	44	20	<20	146	0.49	<10	229	<10	24	87
106	5003204	<0.2	8.35	10	240	<5	6.33	<1	38	212	27	8.79	0.68	<10	4.63	1465	3	2.70	83	870	56	10	<20	164	0.78	<10	286	<10	30	87

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2008- 8614

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
STSD-3		0.4	5.70	25	1360	<5	2.47	1	17	65	23	4.30	1.42	30	1.32	2545	7	1.24	33	1780	52	10	<20	259	0.32	<10	118	<10	31	208
STSD-3		0.4	5.66	30	1380	<5	2.51	<1	14	63	23	4.28	1.39	30	1.36	2508	7	1.26	35	1790	48	10	<20	243	0.29	<10	110	<10	30	185
STSD-3		0.4	5.71	25	1335	<5	2.46	<1	16	59	26	4.26	1.37	30	1.31	2567	7	1.20	33	1740	48	10	<20	246	0.28	<10	110	<10	29	197
STSD-3		0.4	5.64	25	1345	<5	2.50	1	15	61	30	4.33	1.37	30	1.31	2504	8	1.19	34	1720	50	10	<20	239	0.29	<10	112	<10	30	191

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ap
df/td8614s
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AW 2008-8598

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

18-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0014
Submitted by: Mallory Dalsin

ET #.	Tag #	SG g/cm^3
1	5003304	2.70
2	5003305	2.74
3	5003306	2.75
4	5003307	2.71
5	5003308	2.72
8	5003311	2.76
9	5003312	2.63
10	5003313	2.62
11	5003314	2.61
12	5003315	2.68
14	5003317	2.55
15	5003318	2.62
16	5003319	2.61
18	5003321	2.74

QC DATA:

Repeat:

1	5003304	2.70
12	5003315	2.65

Standard:

SG-1	2.60
SG-1	2.61

ECO TECH LABORATORY LTD.
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JJ/nw
XLS/08

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CERTIFICATE OF ASSAY AW 2008-8598

21-Nov-08

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0014
Submitted by: Mallory Dalsin

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5003304		<0.03	<0.001
2	5003305		<0.03	<0.001
3	5003306		0.24	0.007
4	5003307		<0.03	<0.001
5	5003308		0.06	0.002
6	5003308 Dup		0.01	0.000
7	5003310		0.66	0.019
8	5003311		1.12	0.033
9	5003312	*	0.77	0.022
10	5003313	*	0.82	0.024
11	5003314	*	3.28	0.096
12	5003315		0.92	0.027
13	5003316		<0.03	<0.001
14	5003317		<0.03	<0.001
15	5003318		<0.03	<0.001
16	5003319		<0.03	<0.001
17	5003320		0.03	0.001
18	5003321		<0.03	<0.001
19	5003322		<0.03	<0.001
20	5003323		<0.03	<0.001

QC DATA:

Repeat:

1	5003304		<0.03	<0.001
3	5003306		0.23	0.007
8	5003311		1.16	0.034
10	5003313		0.69	0.020
12	5003315		0.93	0.027

Resplit:

1	5003304		<0.03	<0.001

* Metallic Assay

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Hawthorne Gold Corp AW 2008-8598 21-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
Oxi67		1.84	0.054

JJ/ap
XLS/08

ECO TECH LABORATORY LTD.
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19-Nov-08

Alex Stewart Geochemical
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KAMLOOPS, B.C.
V2C 6T4
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8598

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0014
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003304	<0.2	7.44	<5	235	<5	5.21	<1	36	166	33	8.74	0.27	<10	4.22	1346	4	2.89	74	790	30	10	<20	188	0.86	<10	296	<10	28	74
2	5003305	1.2	7.55	<5	360	<5	4.87	<1	41	172	26	9.34	0.41	<10	4.19	1404	4	3.08	82	890	32	10	<20	155	1.00	<10	305	<10	30	82
3	5003306	<0.2	4.49	10	515	<5	8.94	<1	22	104	9	6.15	0.86	<10	4.11	1178	2	0.93	46	520	20	10	<20	227	0.39	<10	162	<10	14	97
4	5003307	<0.2	7.12	5	665	<5	5.09	<1	36	155	6	8.40	0.65	<10	4.16	1782	3	2.48	72	790	26	10	<20	103	0.85	<10	283	<10	28	72
5	5003308	0.7	5.05	40	580	<5	3.38	<1	27	159	64	5.78	1.08	<10	2.72	1193	7	0.32	57	910	24	15	<20	92	0.37	<10	184	<10	14	53
6	5003308	0.5	5.18	45	580	<5	3.50	<1	29	167	65	5.91	1.09	<10	2.81	1244	7	0.33	61	930	22	15	<20	95	0.39	<10	189	<10	14	58
7	5003310	2.2	5.86	<5	545	<5	3.03	<1	9	38	6890	8.24	2.14	10	1.08	990	11	1.21	24	810	52	35	<20	403	0.15	<10	85	<10	8	128
8	5003311	2.6	3.65	110	475	<5	4.35	2	50	871	1880	7.29	0.98	<10	2.75	1725	3	0.28	592	240	220	175	<20	150	0.11	<10	80	<10	5	500
9	5003312	0.4	3.74	30	210	<5	1.77	<1	11	182	88	3.03	1.38	<10	0.86	736	3	0.17	26	260	54	10	<20	58	0.12	<10	51	<10	5	83
10	5003313	0.4	4.45	50	1115	<5	2.03	2	15	132	38	2.39	1.65	<10	0.98	811	2	0.19	24	420	102	5	<20	61	0.19	<10	77	<10	9	405
11	5003314	2.0	4.78	55	290	<5	2.28	4	27	302	160	6.04	1.74	<10	0.95	525	13	0.21	63	2580	198	25	<20	94	0.14	<10	154	<10	14	965
12	5003315	0.4	4.11	40	815	<5	1.86	<1	19	170	9	4.00	1.27	<10	1.64	906	2	0.22	44	320	36	5	<20	77	0.17	<10	116	<10	8	62
13	5003316	0.2	6.90	<5	435	<5	2.94	<1	11	56	17	3.92	0.97	10	1.43	668	5	2.38	28	760	28	5	<20	391	0.36	<10	111	<10	14	56
14	5003317	<0.2	2.67	10	220	<5	1.69	<1	10	149	<1	2.28	0.41	<10	0.88	474	1	0.18	26	320	12	<5	<20	46	0.15	<10	48	<10	7	12
15	5003318	<0.2	5.42	10	455	<5	3.84	<1	32	162	9	5.86	0.74	<10	2.30	1247	2	0.49	64	560	20	15	<20	100	0.55	<10	194	<10	15	29
16	5003319	<0.2	3.32	5	220	<5	2.66	<1	20	153	38	3.97	0.44	<10	1.46	724	2	0.62	43	340	16	5	<20	96	0.29	<10	103	<10	10	27
17	5003320	<0.2	5.62	10	325	<5	4.45	<1	29	166	66	6.68	0.83	<10	3.00	1170	3	1.44	65	610	26	10	<20	118	0.52	<10	194	<10	16	66
18	5003321	0.2	7.84	<5	280	<5	5.87	<1	36	202	42	8.38	0.62	<10	4.47	1191	4	2.75	81	790	28	10	<20	160	0.89	<10	289	<10	30	66
19	5003322	<0.2	7.64	<5	265	<5	5.75	<1	34	205	34	8.02	0.59	<10	4.33	1158	3	2.61	77	760	28	5	<20	171	0.87	<10	282	<10	29	66
20	5003323	<0.2	7.89	<5	305	<5	6.10	<1	39	235	45	8.77	0.72	<10	4.71	1397	4	2.66	91	780	28	10	<20	141	0.91	<10	305	<10	29	74
QC DATA:																														
Repeat:																														
1	5003304	<0.2	7.46	<5	250	<5	5.23	<1	38	174	36	8.80	0.28	<10	4.28	1351	3	2.93	76	810	32	10	<20	195	0.88	<10	300	<10	29	78
10	5003313	0.6	4.43	45	1100	<5	2.00	2	15	127	37	2.43	1.64	<10	0.97	806	3	0.20	24	410	100	10	<20	57	0.18	<10	75	<10	8	399
Resplit:																														
1	5003304	<0.2	7.48	<5	240	<5	5.40	<1	39	167	36	8.90	0.28	<10	4.29	1375	3	2.91	76	810	30	10	<20	197	0.88	<10	294	<10	29	77
Standard:																														
Stsd3		0.4	5.68	20	1360	<5	2.41	<1	16	61	39	4.21	1.45	30	1.32	2522	8	1.17	36	1730	42	5	<20	270	0.29	<10	112	<10	28	195

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/sa
df/td8597
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AW 2008-8615

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 68
Sample Type:Core
Project: H1005
Shipment #:2008-0022
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003226	<0.03	<0.001
2	5003227	<0.03	<0.001
3	5003228	<0.03	<0.001
4	5003228	<0.03	<0.001
5	5003230	3.50	0.102
6	5003231	<0.03	<0.001
7	5003232	<0.03	<0.001
8	5003233	<0.03	<0.001
9	5003234	<0.03	<0.001
10	5003235	<0.03	<0.001
11	5003236	<0.03	<0.001
12	5003237	<0.03	<0.001
13	5003238	<0.03	<0.001
14	5003239	<0.03	<0.001
15	5003240	<0.03	<0.001
16	5003241	<0.03	<0.001
17	5003242	<0.03	<0.001
18	5003243	<0.03	<0.001
19	5003244	<0.03	<0.001
20	5003245	<0.03	<0.001
21	5003246	<0.03	<0.001
22	5003247	<0.03	<0.001
23	5003248	<0.03	<0.001
24	5003248	<0.03	<0.001
25	5003250	0.69	0.020
26	5003251	<0.03	<0.001
27	5003252	<0.03	<0.001
28	5003253	<0.03	<0.001

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Hawthorne Gold Corp - 8615

20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
29	5003254	<0.03	<0.001
30	5003255	<0.03	<0.001
31	5003256	<0.03	<0.001
32	5003257	<0.03	<0.001
33	5003258	<0.03	<0.001
34	5003259	0.19	0.006
35	5003260	<0.03	<0.001
36	5003301	<0.03	<0.001
37	5003302	<0.03	<0.001
38	5003303	<0.03	<0.001
39	5003324	<0.03	<0.001
40	5003325	<0.03	<0.001
41	5003326	<0.03	<0.001
42	5003327	<0.03	<0.001
43	5003328	<0.03	<0.001
44	5003328	<0.03	<0.001
45	5003330	1.49	0.043
46	5003331	<0.03	<0.001
47	5003332	<0.03	<0.001
48	5003333	<0.03	<0.001
49	5003334	<0.03	<0.001
50	5003335	<0.03	<0.001
51	5003336	<0.03	<0.001
52	5003337	<0.03	<0.001
53	5003338	<0.03	<0.001
54	5003339	0.05	0.001
55	5003340	<0.03	<0.001
56	5003341	<0.03	<0.001
57	5003342	<0.03	<0.001
58	5003343	<0.03	<0.001
59	5003344	<0.03	<0.001
60	5003345	<0.03	<0.001
61	5003346	<0.03	<0.001
62	5003347	<0.03	<0.001
63	5003348	<0.03	<0.001
64	5003348	<0.03	<0.001
65	5003350	3.46	0.101
66	5003351	<0.03	<0.001
67	5003352	0.06	0.002
68	5003353	<0.03	<0.001

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

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Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp - 8615

20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	5003226	<0.03	<0.001
10	5003235	<0.03	<0.001
19	5003244	<0.03	<0.001
34	5003259	0.18	0.005
36	5003301	<0.03	<0.001
46	5003331	<0.03	<0.001
54	5003339	0.06	0.002
Resplit:			
1	5003226	<0.03	<0.001
36	5003301	<0.03	<0.001
Standard:			
HiSilk2		3.41	0.099
HiSilk2		3.40	0.099

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

JJ/ap
XLS/08

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24-Nov-08

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.
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KAMLOOPS, B.C.
V2C 6T4
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8615

Total Digestion

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 68
Sample Type:Core
Project: H1005
Shipment #:2008-0022
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003226	<0.2	1.85	95	35	<5	3.53	<1	59	1251	2	4.33	0.30	<10	>10	766	4	0.74	979	70	14	40	<20	304	<0.01	<10	98	<10	2	168
2	5003227	<0.2	1.52	100	20	<5	1.13	<1	83	1811	9	4.53	0.34	<10	>10	551	1	0.81	1470	100	8	55	<20	102	<0.01	<10	40	<10	<1	101
3	5003228	<0.2	1.07	45	10	<5	0.48	<1	94	1893	52	3.98	0.33	<10	>10	245	<1	0.80	1613	80	6	50	<20	28	<0.01	<10	19	<10	<1	58
4	5003228	<0.2	1.11	35	10	<5	0.47	<1	89	1914	50	3.88	0.36	<10	>10	242	<1	0.83	1590	80	4	50	<20	28	<0.01	<10	19	<10	<1	57
5	5003230	3.4	6.88	165	1400	<5	2.48	3	11	103	69	4.37	1.40	20	1.45	620	13	1.98	48	990	298	45	<20	319	0.29	<10	126	<10	17	271
6	5003231	<0.2	1.08	35	10	<5	1.10	<1	85	1558	41	4.85	0.39	<10	>10	319	3	0.88	1481	90	6	40	<20	50	<0.01	<10	19	<10	<1	42
7	5003232	<0.2	0.99	30	10	<5	2.40	<1	94	2076	23	5.04	0.35	<10	>10	401	1	0.82	1610	60	2	55	<20	119	<0.01	<10	23	<10	<1	40
8	5003233	<0.2	1.11	20	15	<5	4.32	<1	86	1882	12	5.28	0.40	<10	>10	942	1	0.90	1501	70	6	50	<20	190	0.01	<10	27	<10	2	42
9	5003234	<0.2	0.99	20	15	<5	3.49	<1	88	1777	15	5.33	0.38	<10	>10	850	1	0.87	1465	90	4	45	<20	147	<0.01	<10	19	<10	2	46
10	5003235	<0.2	0.75	5	5	<5	3.10	<1	80	1658	16	4.66	0.33	<10	>10	588	1	0.75	1414	50	4	45	<20	120	<0.01	<10	14	<10	<1	33
11	5003236	<0.2	7.06	<5	455	<5	2.93	<1	13	59	15	3.77	1.04	10	1.49	669	5	2.46	32	750	30	5	<20	407	0.36	<10	121	<10	17	62
12	5003237	<0.2	0.81	<5	10	<5	8.51	<1	81	2046	11	4.99	0.36	<10	>10	1370	1	0.83	1463	50	4	55	<20	378	0.01	<10	15	<10	<1	42
13	5003238	<0.2	0.94	<5	15	<5	6.04	<1	87	2077	7	5.25	0.39	<10	>10	1014	<1	0.90	1578	60	6	55	<20	214	0.01	<10	19	<10	<1	40
14	5003239	0.2	1.08	<5	25	<5	5.76	<1	77	1880	6	4.83	0.38	<10	>10	825	1	0.85	1368	50	4	50	<20	235	0.01	<10	25	<10	<1	34
15	5003240	0.4	1.50	<5	10	<5	2.88	<1	96	2321	5	5.94	0.45	<10	>10	608	1	1.00	1710	70	6	60	<20	121	0.01	<10	38	<10	<1	44
16	5003241	0.2	1.68	<5	10	<5	3.96	<1	87	1941	5	5.50	0.42	<10	>10	629	1	0.94	1510	70	8	55	<20	197	0.02	<10	43	<10	<1	30
17	5003242	0.2	1.77	<5	15	<5	4.37	<1	79	1858	4	5.54	0.44	<10	>10	700	<1	0.98	1374	70	8	50	<20	238	0.02	<10	45	<10	<1	31
18	5003243	0.2	1.33	<5	10	<5	3.28	<1	86	2203	5	5.65	0.43	<10	>10	583	1	0.97	1490	60	6	60	<20	131	0.01	<10	38	<10	<1	46
19	5003244	<0.2	1.27	<5	10	<5	3.06	<1	83	2259	5	5.44	0.42	<10	>10	510	<1	0.95	1492	60	4	60	<20	122	0.01	<10	35	<10	<1	42
20	5003245	<0.2	1.21	<5	15	<5	4.19	<1	86	2105	5	5.07	0.40	<10	>10	650	<1	0.89	1548	50	6	55	<20	181	0.01	<10	31	<10	<1	39
21	5003246	<0.2	1.15	<5	10	<5	6.93	<1	85	1814	5	5.16	0.40	<10	>10	1062	<1	0.88	1502	60	6	50	<20	269	0.01	<10	31	<10	<1	36
22	5003247	<0.2	1.31	<5	10	<5	6.05	<1	83	1687	8	5.23	0.42	<10	>10	936	<1	0.91	1499	60	8	45	<20	262	0.01	<10	29	<10	<1	31
23	5003248	<0.2	1.10	<5	10	<5	5.70	<1	89	1912	8	5.12	0.38	<10	>10	1007	1	0.81	1613	60	6	50	<20	223	<0.01	<10	29	<10	<1	33
24	5003248	<0.2	1.04	<5	10	<5	5.51	<1	83	1989	8	4.94	0.37	<10	>10	961	1	0.79	1559	50	4	50	<20	217	<0.01	<10	30	<10	<1	33
25	5003250	2.9	6.04	<5	565	<5	2.96	<1	9	37	6916	8.31	2.27	10	1.19	1010	11	1.38	27	860	56	30	<20	438	0.15	<10	80	<10	9	128

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5003251	<0.2	1.03	<5	10	<5	3.98	<1	74	1575	17	4.66	0.37	<10	>10	752	<1	0.84	1278	50	8	40	<20	189	<0.01	<10	27	<10	<1	26
27	5003252	<0.2	0.83	<5	25	<5	3.50	<1	70	1650	20	4.38	0.29	<10	>10	568	<1	0.69	1186	40	8	40	<20	161	<0.01	<10	24	<10	<1	31
28	5003253	0.2	0.97	<5	15	<5	1.01	<1	81	1954	55	4.56	0.32	<10	>10	312	<1	0.74	1426	50	16	50	<20	33	<0.01	<10	32	<10	<1	61
29	5003254	0.2	1.22	10	25	<5	1.64	<1	75	1576	35	4.51	0.33	<10	>10	481	1	0.76	1304	60	10	40	<20	42	<0.01	<10	24	<10	<1	62
30	5003255	0.2	4.78	<5	1290	<5	0.99	<1	80	831	<1	>10	1.43	<10	7.70	3155	4	0.55	573	1090	24	30	<20	41	0.53	<10	243	<10	8	178
31	5003256	0.2	6.93	<5	470	<5	2.66	<1	8	62	17	3.76	1.05	<10	1.55	594	4	2.57	26	710	22	<5	<20	409	0.35	<10	122	<10	16	49
32	5003257	<0.2	6.10	<5	1675	<5	0.89	<1	29	274	<1	4.86	1.54	20	3.39	1264	6	0.53	88	920	28	10	<20	28	0.38	<10	156	<10	11	73
33	5003258	0.2	5.57	20	295	<5	4.33	<1	25	109	59	4.47	0.54	<10	2.15	1104	3	1.04	43	650	28	10	<20	75	0.20	<10	138	<10	11	45
34	5003259	0.4	3.41	30	430	<5	8.64	1	23	129	20	5.95	0.95	<10	3.90	1416	2	0.52	43	280	24	15	<20	229	0.11	<10	114	<10	10	131
35	5003260	<0.2	8.29	<5	310	<5	4.77	<1	37	159	26	8.78	0.44	<10	4.37	1449	4	1.91	72	890	40	15	<20	114	0.85	<10	303	<10	30	80
36	5003301	<0.2	7.92	<5	265	<5	5.28	<1	38	196	35	8.62	0.45	<10	4.89	1396	4	3.70	78	810	30	10	<20	159	0.92	<10	307	<10	31	69
37	5003302	<0.2	7.98	<5	280	<5	5.41	<1	41	207	35	8.90	0.46	<10	4.94	1449	4	3.80	80	830	30	15	<20	145	0.95	<10	305	<10	32	70
38	5003303	<0.2	7.68	<5	340	<5	5.68	<1	33	199	36	7.49	0.51	<10	4.66	1163	3	3.03	70	700	26	15	<20	293	0.78	<10	301	<10	30	62
39	5003324	<0.2	8.24	<5	230	<5	6.90	<1	43	271	53	8.94	0.63	<10	4.92	1476	4	2.83	102	880	32	15	<20	151	0.96	<10	312	<10	31	81
40	5003325	<0.2	7.66	<5	360	<5	5.80	<1	32	192	31	7.40	0.82	<10	4.14	1262	4	2.75	69	760	32	10	<20	131	0.77	<10	258	<10	28	97
41	5003326	<0.2	8.24	<5	425	<5	4.15	<1	39	215	65	8.43	0.92	<10	3.97	1047	4	1.75	85	860	30	10	<20	97	0.95	<10	303	<10	29	129
42	5003327	<0.2	2.16	10	300	<5	2.14	<1	11	190	46	1.97	0.67	<10	0.93	508	2	0.19	24	200	14	5	<20	55	0.08	<10	35	<10	4	42
43	5003328	<0.2	8.01	15	1110	<5	8.09	<1	28	171	28	6.68	2.67	<10	4.12	1132	4	0.89	64	720	38	10	<20	211	0.23	<10	226	<10	14	45
44	5003328	0.2	7.85	20	1065	<5	7.76	<1	27	166	27	6.36	2.53	<10	4.06	1074	3	0.86	60	680	32	10	<20	201	0.23	<10	215	<10	14	40
45	5003330	4.2	8.03	20	1265	<5	2.06	2	21	112	9990	5.88	2.98	40	1.21	357	278	1.18	34	1020	108	20	<20	305	0.17	<10	110	<10	13	129
46	5003331	0.4	8.82	<5	320	<5	5.76	<1	38	189	82	9.05	0.79	<10	3.64	1331	5	1.33	81	900	90	20	<20	226	0.91	<10	294	<10	26	100
47	5003332	0.2	7.89	10	190	<5	3.68	<1	42	219	185	8.18	0.40	<10	2.59	1655	4	0.63	87	820	26	70	<20	42	0.88	<10	279	<10	23	67
48	5003333	<0.2	7.10	15	305	<5	6.66	<1	36	142	42	7.65	0.85	<10	3.22	1317	3	0.75	73	750	24	40	<20	143	0.60	<10	229	<10	19	61
49	5003334	<0.2	7.99	<5	285	<5	5.09	<1	37	179	49	8.67	0.76	<10	3.27	1447	4	0.92	78	800	28	35	<20	82	0.78	<10	270	<10	23	62
50	5003335	<0.2	8.42	<5	180	<5	5.88	<1	41	189	36	8.62	0.54	<10	4.15	1355	4	1.60	85	880	30	10	<20	118	0.98	<10	293	<10	30	73
51	5003336	0.2	7.08	<5	445	<5	3.00	<1	13	55	17	4.08	1.04	10	1.53	683	6	2.79	29	760	24	<5	<20	382	0.36	<10	115	<10	15	54
52	5003337	0.2	7.94	<5	225	<5	6.06	<1	35	190	17	8.00	0.57	<10	4.49	1287	3	3.18	75	790	26	10	<20	173	0.81	<10	274	<10	29	60
53	5003338	0.2	7.17	10	310	<5	6.89	<1	32	169	2	7.78	0.81	<10	3.85	1445	4	0.76	68	680	24	20	<20	146	0.67	<10	241	<10	21	60
54	5003339	<0.2	8.35	<5	200	<5	6.65	<1	40	204	<1	9.03	0.66	<10	4.82	1359	4	3.32	83	870	22	15	<20	138	1.00	<10	287	<10	32	63
55	5003340	<0.2	8.36	<5	130	<5	8.12	<1	48	201	<1	>10	0.47	<10	4.94	1504	6	4.26	103	1080	38	10	<20	153	1.16	<10	275	<10	32	97
56	5003341	<0.2	8.47	<5	95	<5	6.15	<1	36	213	<1	8.93	0.42	<10	4.93	1388	4	3.71	79	860	22	10	<20	126	0.97	<10	298	<10	33	59
57	5003342	<0.2	8.11	<5	110	<5	7.09	<1	44	199	<1	9.89	0.45	<10	4.71	1525	5	3.76	94	920	30	10	<20	116	1.03	<10	289	<10	31	66
58	5003343	0.2	8.02	<5	170	<5	6.06	<1	34	204	<1	7.85	0.65	<10	4.61	1366	4	3.55	74	780	26	10	<20	100	0.82	<10	277	<10	29	54
59	5003344	0.2	6.96	10	540	<5	7.38	<1	38	167	1	8.48	1.75	<10	4.33	1338	4	1.81	78	810	26	10	<20	137	0.34	<10	217	<10	15	62
60	5003345	<0.2	8.03	<5	155	<5	7.03	<1	38	193	<1	8.33	0.56	<10	4.85	1336	4	3.40	79	800	22	10	<20	118	0.89	<10	276	<10	28	59
61	5003346	0.2	8.59	<5	185	<5	5.19	<1	33	212	<1	7.09	0.62	<10	5.41	970	6	3.63	68	670	12	5	<20	141	0.76	<10	297	<10	31	48
62	5003347	<0.2	8.72	<5	100	<5	8.53	<1	39	195	5	9.36	0.44	<10	4.64	1357	4	3.27	81	900	26	10	<20	373	1.00	<10	295	<10	33	56
63	5003348	<0.2	7.71	5	220	<5	6.93	<1	33	183	4	7.85	0.66	<10	4.21	1096	2	2.82	70	740	24	10	<20	326	0.75	<10	262	<10	28	51
64	5003348	<0.2	7.85	5	225	<5	7.20	<1	34	183	5	8.16	0.65	<10	4.21	1145	3	2.93	73	770	24	10	<20	329	0.77	<10	264	<10	29	50
65	5003350	3.6	6.69	175	1400	<5	2.46	2	11	101	75	4.49	1.26	20	1.34	596	14	2.00	48	970	292	50	<20	298	0.30	<10	129	<10	16	269

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	5003351	<0.2	8.20	<5	205	<5	5.16	<1	42	206	<1	9.69	0.56	<10	4.24	1412	3	1.46	90	860	26	15	<20	132	0.88	<10	300	<10	31	66
67	5003352	0.2	6.20	35	360	<5	6.77	<1	31	145	<1	7.08	0.98	<10	3.98	1354	2	0.57	64	720	22	20	<20	164	0.53	<10	225	<10	22	128
68	5003353	0.4	8.26	<5	180	<5	6.32	<1	42	214	8	9.62	0.56	<10	5.13	1313	3	3.05	91	860	26	10	<20	109	0.96	<10	307	<10	31	69
QC DATA:																														
Repeat:																														
1	5003226	<0.2	1.73	105	35	<5	3.70	<1	63	1260	<1	4.36	0.30	<10	>10	778	4	0.77	1022	60	10	35	<20	316	<0.01	<10	102	<10	2	173
10	5003235	<0.2	0.74	5	10	<5	3.19	<1	81	1606	15	4.81	0.33	<10	>10	606	<1	0.73	1464	50	4	45	<20	125	<0.01	<10	13	<10	<1	35
19	5003244	<0.2	1.28	<5	10	<5	3.12	<1	87	2203	6	5.66	0.43	<10	>10	501	<1	0.98	1522	60	6	60	<20	117	0.01	<10	36	<10	<1	41
36	5003301	<0.2	8.07	<5	260	<5	5.32	<1	36	193	38	8.72	0.43	<10	5.02	1369	3	3.86	71	770	24	10	<20	154	0.90	<10	303	<10	31	64
46	5003331	0.2	8.97	<5	325	<5	5.51	<1	34	189	75	8.75	0.80	<10	3.75	1279	4	1.36	77	870	80	10	<20	225	0.89	<10	302	<10	26	95
54	5003339	<0.2	8.23	<5	200	<5	6.49	<1	39	195	<1	9.10	0.66	<10	4.73	1329	3	3.41	82	860	24	10	<20	139	1.00	<10	279	<10	32	57
Resplit:																														
1	5003226	0.2	1.78	100	35	<5	3.47	<1	58	1266	<1	4.36	0.33	<10	>10	771	4	0.79	981	60	12	35	<20	311	0.01	<10	100	<10	3	156
36	5003301	<0.2	7.71	<5	245	<5	5.56	<1	38	185	40	8.84	0.44	<10	4.87	1327	3	3.77	74	790	26	10	<20	148	0.93	<10	296	<10	30	63
Standard:																														
Stsd3		0.6	5.73	25	1350	<5	2.44	1	16	61	26	4.25	1.48	30	1.36	2559	9	1.22	34	1700	44	5	<20	259	0.31	<10	118	<10	29	201
Stsd3		0.4	5.67	25	1330	<5	2.49	<1	15	59	31	4.27	1.37	30	1.34	2323	8	1.30	32	1660	46	5	<20	270	0.29	<10	115	<10	29	199

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ap/nw
df/td8615s
XLS/08

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

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8597

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/00015
Submitted by: Mallory Dalsin

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003261	<0.03	<0.001
2	5003262	<0.03	<0.001
3	5003263	<0.03	<0.001
4	5003264	0.05	0.001
5	5003265	<0.03	<0.001
6	5003266	<0.03	<0.001
7	5003267	<0.03	<0.001
8	5003268	<0.03	<0.001
9	5003268	<0.03	<0.001
10	5003270	1.47	0.043
11	5003271	<0.03	<0.001
12	5003272	<0.03	<0.001
13	5003273	<0.03	<0.001
14	5003274	<0.03	<0.001
15	5003275	<0.03	<0.001
16	5003276	<0.03	<0.001
17	5003277	<0.03	<0.001
18	5003278	<0.03	<0.001
19	5003279	0.04	0.001
20	5003280	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003261	<0.03	<0.001
11	5003271	<0.03	<0.001
Resplit:			
1	5003261	<0.03	<0.001
Standard:			
Oxi67		1.82	0.053

JJ/ap
XLS/08

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

19-Nov-08

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.alexstewart.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8597

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type: Core
Project: H1005
Shipment #: 2008/0015
Submitted by: Mallory Dalsin

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003261	0.4	0.82	5	25	<5	2.34	<1	83	2091	9	4.84	0.20	<10	>10	583	<1	0.49	1488	30	20	35	<20	89	<0.01	<10	31	<10	<1	82
2	5003262	0.2	0.83	5	25	<5	2.78	<1	86	1974	9	5.17	0.22	<10	>10	639	<1	0.52	1482	40	22	35	<20	110	<0.01	<10	31	<10	<1	72
3	5003263	0.2	0.67	50	65	<5	3.41	<1	65	1698	24	4.09	0.18	<10	>10	635	<1	0.29	1230	40	18	60	<20	118	<0.01	<10	30	<10	<1	54
4	5003264	<0.2	7.99	30	1460	<5	5.18	1	36	189	41	6.09	2.51	<10	3.99	1315	3	0.43	83	820	54	20	<20	141	0.60	<10	305	<10	27	290
5	5003265	<0.2	7.56	<5	140	<5	5.89	<1	40	205	37	8.59	0.24	<10	4.83	1234	3	2.74	84	780	36	10	<20	212	0.91	<10	301	<10	30	112
6	5003266	0.2	7.67	<5	140	<5	7.62	<1	36	198	<1	8.34	0.33	<10	4.47	1554	3	2.28	77	770	26	5	<20	209	0.86	<10	302	<10	30	63
7	5003267	0.2	6.46	20	865	<5	8.14	<1	32	149	4	7.42	1.88	<10	3.54	1439	3	0.92	66	640	28	10	<20	210	0.39	<10	227	<10	19	59
8	5003268	<0.2	8.11	<5	140	<5	>10	<1	33	231	33	8.46	0.23	<10	3.39	985	3	1.61	74	770	28	15	<20	967	0.89	<10	307	<10	31	46
9	5003268	<0.2	7.92	<5	140	<5	>10	<1	31	220	34	8.39	0.22	<10	3.23	955	3	1.53	69	760	26	10	<20	962	0.87	<10	299	<10	30	46
10	5003270	4.0	7.64	20	1375	<5	2.03	2	22	107	>10000	6.06	3.43	30	1.11	366	296	0.98	35	1030	118	25	<20	275	0.16	<10	98	<10	11	142
11	5003271	0.2	7.92	20	465	<5	7.04	<1	39	176	31	8.45	1.07	<10	3.75	1477	4	0.82	79	820	32	20	<20	239	0.90	<10	310	<10	30	80
12	5003272	0.2	7.82	<5	120	<5	7.63	<1	38	188	40	8.90	0.26	<10	4.41	1243	4	2.63	78	820	26	10	<20	304	0.94	<10	291	<10	30	73
13	5003273	<0.2	7.52	<5	60	<5	7.46	<1	38	199	51	8.79	0.19	<10	4.20	1181	3	2.59	77	810	28	10	<20	406	0.93	<10	288	<10	31	72
14	5003274	<0.2	7.51	<5	205	<5	6.51	<1	36	166	46	8.45	0.46	<10	4.37	1253	3	2.77	73	770	26	10	<20	140	0.89	<10	284	<10	29	72
15	5003275	0.2	7.82	<5	205	<5	6.46	<1	38	173	39	8.83	0.48	<10	4.54	1129	3	2.26	76	770	26	10	<20	151	0.89	<10	290	<10	29	71
16	5003276	0.2	6.87	<5	435	<5	3.15	<1	12	58	18	4.10	0.90	<10	1.42	709	5	2.37	30	740	30	<5	<20	386	0.37	<10	114	<10	15	58
17	5003277	<0.2	6.96	10	335	<5	7.55	<1	36	166	48	8.36	0.87	<10	4.07	1270	3	1.95	75	760	28	10	<20	152	0.79	<10	261	<10	27	74
18	5003278	0.2	7.60	<5	400	<5	7.51	<1	44	216	51	9.92	0.93	<10	4.64	1415	4	2.28	97	890	28	10	<20	177	1.04	<10	311	<10	31	85
19	5003279	0.4	7.22	<5	230	<5	7.61	<1	40	212	34	9.04	0.57	<10	4.61	1345	3	2.15	89	800	30	10	<20	207	0.95	<10	295	<10	30	77
20	5003280	<0.2	7.20	<5	285	<5	6.78	<1	42	229	7	9.05	0.64	<10	5.23	1273	3	2.37	97	790	30	10	<20	132	0.91	<10	309	<10	29	66
QC DATA:																														
Repeat:																														
1	5003261	0.4	0.82	5	25	<5	2.39	<1	74	2027	7	4.85	0.21	<10	>10	577	<1	0.50	1418	30	18	35	<20	94	<0.01	<10	31	<10	<1	76
11	5003271	<0.2	7.73	25	455	<5	6.74	<1	37	175	28	8.26	1.05	<10	3.63	1441	3	0.84	73	790	28	15	<20	233	0.88	<10	309	<10	30	75
Resplit:																														
1	5003261	0.4	0.83	5	25	<5	2.48	<1	78	2094	6	4.65	0.22	<10	>10	537	<1	0.55	1428	40	22	35	<20	86	<0.01	<10	33	<10	<1	86
Standard:																														
STSD-3		0.4	5.73	25	1260	<5	2.47	<1	14	61	28	4.06	1.40	30	1.31	2490	7	1.20	35	1730	4	5	<20	276	0.30	<10	113	<10	26	201

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish
JJ/sa
df/td8597
XLS/08

ECO TECH LABORATORY LTD.
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CERTIFICATE OF ASSAY AW 2008-8617

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0024
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003281	<0.03	<0.001
2	5003282	<0.03	<0.001
3	5003283	<0.03	<0.001
4	5003284	<0.03	<0.001
5	5003285	<0.03	<0.001
6	5003286	<0.03	<0.001
7	5003287	<0.03	<0.001
8	5003288	<0.03	<0.001
9	5003288	<0.03	<0.001
10	5003290	3.37	0.098
11	5003291	<0.03	<0.001
12	5003292	<0.03	<0.001
13	5003293	<0.03	<0.001
14	5003294	<0.03	<0.001
15	5003295	<0.03	<0.001
16	5003296	<0.03	<0.001
17	5003297	<0.03	<0.001
18	5003298	0.04	0.001
19	5003299	<0.03	<0.001
20	5003300	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003281	<0.03	<0.001
10	5003290	<0.03	<0.001
19	5003299	<0.03	<0.001
Resplit:			
1	5003281	<0.03	<0.001
Standard:			
Oxi67		1.80	0.052

JJ/ap
XLS/08

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

23-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8617

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0024
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003281	<0.2	7.40	<5	290	<5	7.02	<1	50	243	33	7.83	0.61	<10	5.11	1208	3	2.37	101	740	32	15	<20	125	0.81	<10	291	<10	30	72
2	5003282	<0.2	7.38	<5	295	<5	6.53	<1	47	241	39	8.11	0.60	<10	5.07	1196	3	2.26	97	720	30	10	<20	123	0.84	<10	310	<10	30	67
3	5003283	<0.2	7.51	10	375	<5	4.94	<1	48	250	61	7.77	0.70	<10	3.66	1251	2	1.11	103	750	40	30	<20	136	0.79	<10	303	<10	31	93
4	5003284	<0.2	7.42	<5	205	<5	6.48	<1	46	231	22	8.09	0.41	<10	5.06	1134	2	2.32	96	730	32	10	<20	112	0.81	<10	301	<10	30	76
5	5003285	<0.2	7.23	<5	180	<5	6.49	<1	47	240	29	8.09	0.40	<10	5.21	1244	3	2.59	99	730	30	10	<20	109	0.82	<10	283	<10	29	79
6	5003286	<0.2	7.25	<5	210	<5	6.30	<1	47	238	57	8.06	0.51	<10	5.04	1248	3	2.45	97	730	28	10	<20	125	0.82	<10	292	<10	31	76
7	5003287	0.2	8.26	10	290	<5	2.75	<1	54	232	61	9.05	0.50	<10	2.81	2074	3	0.38	106	870	34	35	<20	64	0.95	<10	333	<10	34	89
8	5003288	<0.2	8.94	<5	265	<5	2.11	<1	54	218	64	9.21	0.40	<10	3.40	2026	3	0.24	104	920	36	25	<20	85	1.04	<10	363	<10	31	108
9	5003288	<0.2	8.79	<5	245	<5	1.97	<1	52	209	58	9.05	0.37	<10	3.24	1983	3	0.22	102	900	34	20	<20	79	1.00	<10	347	<10	29	99
10	5003290	3.4	6.56	190	1395	<5	2.79	2	14	98	69	4.57	1.24	20	1.26	636	17	1.79	54	1010	320	60	<20	300	0.33	<10	117	<10	16	288
11	5003291	<0.2	7.65	15	390	<5	3.96	<1	46	170	67	7.11	0.75	<10	2.63	1590	3	0.25	82	810	38	30	<20	77	0.71	<10	276	<10	25	91
12	5003292	<0.2	8.70	<5	325	<5	1.73	<1	56	200	29	8.07	0.54	<10	2.22	1827	3	0.21	98	930	38	30	<20	41	1.08	<10	349	<10	30	90
13	5003293	<0.2	9.10	<5	325	<5	3.38	<1	51	200	35	8.47	0.48	<10	3.44	1521	3	1.09	102	940	36	15	<20	239	1.05	<10	353	<10	34	103
14	5003294	<0.2	7.99	<5	155	<5	5.90	<1	45	174	49	8.64	0.28	<10	4.25	1177	3	3.46	83	840	30	10	<20	159	0.95	<10	302	<10	33	85
15	5003295	<0.2	7.69	<5	245	<5	6.20	<1	44	176	48	8.25	0.55	<10	4.42	1122	3	2.57	80	780	30	10	<20	157	0.88	<10	288	<10	31	74
16	5003296	<0.2	7.12	10	465	<5	2.96	<1	13	59	18	3.82	0.99	<10	1.49	670	5	2.40	30	780	30	<5	<20	412	0.37	<10	108	<10	16	65
17	5003297	<0.2	8.42	<5	290	<5	4.40	<1	48	180	92	9.06	0.59	<10	3.22	1838	3	1.22	89	840	34	15	<20	119	0.93	<10	332	<10	37	86
18	5003298	<0.2	5.71	10	310	<5	6.75	<1	37	139	5	9.24	0.66	<10	4.24	1566	2	0.31	77	500	106	30	<20	152	0.55	<10	207	<10	24	218
19	5003299	<0.2	8.45	<5	230	<5	3.67	<1	42	204	6	8.28	0.27	<10	2.98	1638	3	0.25	89	820	36	30	<20	54	0.85	<10	302	<10	33	80
20	5003300	<0.2	8.27	<5	100	<5	6.77	<1	45	217	1	8.49	0.23	<10	4.55	1269	3	3.03	94	850	36	10	<20	172	0.96	<10	308	<10	32	69
QC DATA:																														
Repeat:																														
1	5003281	<0.2	7.35	<5	280	<5	6.96	<1	45	242	29	7.72	0.61	<10	4.99	1171	2	2.28	94	690	28	10	<20	120	0.80	<10	292	<10	30	66
11	5003291	<0.2	7.89	15	395	<5	4.11	<1	45	174	68	6.95	0.79	<10	2.71	1547	3	0.27	79	790	40	25	<20	76	0.68	<10	269	<10	24	89

Alex Stewart Geochemical

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AW 2008- 8617** **Hawthorne Gold Corp**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Resplit:																													
1	5003281	<0.2	7.53	<5	285	<5	6.65	<1	45	244	32	7.79	0.64	<10	5.13	1162	3	2.56	96	700	28	10	<20	125	0.80	<10	310	<10	30	65
Standard:																													
STSD3		0.5	5.77	25	1395	<5	2.55	<1	17	62	36	4.20	1.40	30	1.25	2490	8	1.20	36	1710	42	5	<20	281	0.29	<10	114	<10	30	210

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ndw
df/8617S
XLS/08

ECO TECH LABORATORY LTD.
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8612

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0016
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003383	<0.03	<0.001
2	5003384	<0.03	<0.001
3	5003385	<0.03	<0.001
4	500338	<0.03	<0.001
5	5003387	<0.03	<0.001
6	5003388	<0.03	<0.001
7	5003388 Dup	<0.03	<0.001
8	5003390	1.42	0.041
9	5003391	<0.03	<0.001
10	5003392	0.09	0.003
11	5003393	0.19	0.006
12	5003394	<0.03	<0.001
13	5003395	<0.03	<0.001
14	5003396	<0.03	<0.001
15	5003397	<0.03	<0.001
16	5003398	<0.03	<0.001
17	5003399	<0.03	<0.001
18	5003400	<0.03	<0.001
19	5003401	<0.03	<0.001
20	5003402	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003383	<0.03	<0.001
10	5003392	0.08	0.002
11	5003393	0.14	0.004
Resplit:			
1	5003383	<0.03	<0.001
Standard: Hisilk2		1.84	0.054

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

JJ/ap
XLS/08

20-\ \8

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8612

Total Digestion

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0016
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003383	<0.2	7.99	<5	115	<5	7.37	<1	41	175	40	9.11	0.38	<10	4.37	1409	4	2.76	74	830	26	10	<20	154	1.01	<10	300	<10	31	79
2	5003384	0.2	6.87	45	355	<5	8.31	<1	33	169	22	8.49	1.01	<10	4.55	1555	3	1.37	65	700	28	10	<20	215	0.54	<10	237	<10	27	60
3	5003385	<0.2	7.51	<5	175	<5	7.06	<1	36	170	43	7.91	0.42	<10	4.34	1260	3	2.43	66	750	20	10	<20	159	0.88	<10	286	<10	30	66
4	5003386	<0.2	7.87	<5	115	<5	8.26	<1	43	174	20	9.59	0.38	<10	4.70	1510	5	2.80	80	870	26	10	<20	161	1.05	<10	295	<10	31	75
5	5003387	<0.2	8.17	<5	95	<5	6.43	<1	42	186	35	9.24	0.27	<10	4.31	1164	4	3.07	80	890	28	10	<20	163	1.05	<10	314	<10	33	74
6	5003388	<0.2	9.21	<5	205	<5	3.59	<1	46	237	33	9.03	0.44	<10	4.43	895	4	1.05	96	950	28	10	<20	186	1.12	<10	346	70	25	86
7	5003388 Dup	<0.2	9.08	<5	200	<5	3.44	<1	45	228	35	8.71	0.42	<10	4.36	865	4	1.02	94	920	26	15	<20	188	1.08	<10	343	70	26	80
8	5003390	3.8	7.63	15	1320	<5	2.03	2	21	98	9979	5.80	3.44	40	1.10	362	277	1.03	34	960	100	20	<20	272	0.18	<10	97	<10	12	129
9	5003391	<0.2	8.93	<5	215	<5	3.44	<1	41	233	35	7.48	0.40	<10	3.88	940	5	0.85	91	840	30	10	<20	216	0.99	<10	335	30	20	71
10	5003392	<0.2	6.37	35	770	<5	7.56	<1	30	146	2	7.48	2.03	<10	3.79	1099	3	0.53	69	590	26	10	<20	160	0.26	<10	199	<10	13	47
11	5003393	<0.2	2.50	30	350	<5	6.08	<1	12	174	7	3.92	0.70	<10	2.46	899	2	0.21	30	250	20	10	<20	204	0.07	<10	82	<10	6	77
12	5003394	<0.2	7.29	25	415	<5	6.10	<1	35	170	34	7.31	0.89	<10	3.14	1410	4	0.44	71	720	24	35	<20	92	0.67	<10	257	<10	23	55
13	5003395	<0.2	8.53	5	355	<5	4.98	<1	43	202	12	8.65	0.87	<10	4.18	1318	4	0.52	91	870	32	15	<20	120	0.85	<10	300	30	26	66
14	5003396	<0.2	7.02	<5	445	<5	3.07	<1	11	56	15	3.77	0.97	10	1.44	646	5	2.51	26	730	26	<5	<20	390	0.36	<10	105	<10	16	55
15	5003397	<0.2	7.98	<5	185	<5	6.36	<1	37	194	4	8.75	0.55	<10	4.44	1097	4	2.80	81	800	24	5	<20	134	0.95	<10	287	<10	31	58
16	5003398	<0.2	8.01	<5	150	<5	7.04	<1	40	194	25	8.84	0.49	<10	4.63	1189	3	2.81	82	800	28	5	<20	165	0.99	<10	285	<10	31	61
17	5003399	<0.2	8.05	<5	105	<5	7.38	<1	38	222	<1	8.64	0.32	<10	4.36	1213	4	2.99	81	800	24	10	<20	247	0.99	<10	294	<10	32	60
18	5003400	<0.2	7.76	5	290	<5	4.24	<1	37	202	<1	8.40	0.58	<10	3.42	1448	4	0.49	78	780	26	25	<20	60	0.68	<10	272	<10	24	60
19	5003401	<0.2	8.09	<5	155	<5	3.99	<1	43	214	14	8.67	0.30	<10	2.85	1523	4	0.56	86	820	24	25	<20	61	0.97	<10	296	<10	30	69
20	5003402	0.2	8.24	<5	160	<5	3.26	<1	39	211	12	8.22	0.31	<10	2.67	1458	4	0.53	84	790	26	30	<20	56	0.94	<10	306	<10	31	65
QC DATA:																														
Repeat:																														
1	5003383	<0.2	8.08	<5	120	<5	7.46	<1	40	179	41	9.34	0.39	<10	4.49	1434	4	2.82	75	840	22	5	<20	158	1.03	<10	306	<10	33	79
10	5003392	<0.2	6.55	25	790	<5	7.71	<1	36	150	3	7.70	2.20	<10	3.89	1164	4	0.56	75	640	26	15	<20	167	0.26	<10	207	<10	14	51
Resplit:																														
1	5003383	<0.2	7.98	<5	125	<5	7.74	<1	44	166	43	>10	0.42	<10	4.40	1465	4	2.79	81	900	26	10	<20	156	1.10	<10	300	<10	32	84

Alex Stewart Ge :mical
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYS' AW 2008- 8612

Hawthorne Gold Corp.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																													
STSD-3		0.4	5.79	20	1330	<5	2.47	<1	15	59	39	4.22	1.47	30	1.30	2496	8	1.27	31	1740	38	5	<20	271	0.29	<10	116	<10	28	196

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ap
df/td8608s
XLS/08

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

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10041 Dallas Drive,
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Fax + 250 573 4557
www.alexstewart.com

Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8612

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

21-Nov-08

No. of samples received: 20
Sample Type:COre
Project: H1005
Shipment #:2008/0016
Submitted by:Lauren Islip

ET #.	Tag #	SG g/cm^3
1	5003383	2.79
2	5003384	2.68
3	5003385	2.73
4	5003386	2.82
9	5003391	2.62
10	5003392	2.75
11	5003393	2.63
15	5003397	2.76
16	5003398	2.82
17	5003399	2.81
18	5003400	2.67
QC DATA:		
Repeat:		
1	5003383	2.81
Standard:		
SG01		2.61

JJ/nw
XLS/08

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

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8616

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

20-Nov-08

No. of samples received: 50
Sample Type:Core
Project: H1005
Shipment #:2008/0023
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003354	<0.03	<0.001
2	5003355	<0.03	<0.001
3	5003356	<0.03	<0.001
4	5003357	0.22	0.006
5	5003358	<0.03	<0.001
6	5003359	<0.03	<0.001
7	5003360	<0.03	<0.001
8	5003361	<0.03	<0.001
9	5003362	<0.03	<0.001
10	5003363	<0.03	<0.001
11	5003364	<0.03	<0.001
12	5003365	0.04	0.001
13	5003366	<0.03	<0.001
14	5003367	<0.03	<0.001
15	5003368	<0.03	<0.001
16	5003368	<0.03	<0.001
17	5003370	0.70	0.020
18	5003371	<0.03	<0.001
19	5003372	<0.03	<0.001
20	5003373	<0.03	<0.001
21	5003374	<0.03	<0.001
22	5003375	<0.03	<0.001
23	5003376	<0.03	<0.001
24	5003377	<0.03	<0.001
25	5003378	<0.03	<0.001
26	5003379	<0.03	<0.001
27	5003380	<0.03	<0.001
28	5003381	<0.03	<0.001

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B.C. Certified Assayer

Alex Stewart
GEOCHEMICAL

Hawthorne Gold Corp AW8-8616 20-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
29	5003382	<0.03	<0.001
30	5003403	<0.03	<0.001
31	5003404	<0.03	<0.001
32	5003405	<0.03	<0.001
33	5003406	<0.03	<0.001
34	5003407	<0.03	<0.001
35	5003408	<0.03	<0.001
36	5003408	<0.03	<0.001
37	5003410	3.38	0.099
38	5003411	<0.03	<0.001
39	5003412	<0.03	<0.001
40	5003413	0.04	0.001
41	5003414	<0.03	<0.001
42	5003415	<0.03	<0.001
43	5003416	<0.03	<0.001
44	5003417	<0.03	<0.001
45	5003418	<0.03	<0.001
46	5003419	<0.03	<0.001
47	5003420	<0.03	<0.001
48	5003421	<0.03	<0.001
49	5003422	<0.03	<0.001
50	5003423	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003354	<0.03	<0.001
4	5003357	0.20	0.006
10	5003363	<0.03	<0.001
19	5003372	<0.03	<0.001
36	5003408	<0.03	<0.001
45	5003418	<0.03	<0.001
Resplit:			
1	5003354	<0.03	<0.001
36	5003408	<0.03	<0.001
Standard:			
Oxi67		1.82	0.053
HiSilk2		3.40	0.099

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JJ/ap
XLS/08

23-Nov-08

Alex Stewart Geochemical
ECO TECH LABORATORY LTD.
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KAMLOOPS, B.C.
V2C 6T4
www.alexstewart.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8616

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 50
Sample Type:Core
Project: H1005
Shipment #:2008/0023
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003354	<0.2	1.29	5	35	<5	1.13	<1	88	1943	9	4.63	0.41	<10	>10	422	<1	1.00	1539	40	14	35	<20	43	<0.01	<10	31	<10	<1	48
2	5003355	<0.2	0.98	15	485	<5	7.84	<1	99	1553	12	4.32	0.21	<10	>10	649	<1	0.48	1521	40	18	80	<20	125	<0.01	<10	29	<10	2	65
3	5003356	<0.2	6.92	<5	465	<5	2.96	<1	13	59	19	3.68	1.06	<10	1.48	641	5	2.54	32	760	30	5	<20	408	0.35	<10	118	<10	16	61
4	5003357	<0.2	5.63	45	500	<5	8.62	<1	35	120	6	7.07	1.42	<10	4.87	1796	2	0.68	127	490	102	85	<20	247	0.13	<10	182	<10	11	117
5	5003358	<0.2	7.78	<5	125	<5	4.71	<1	47	231	40	7.86	0.39	<10	4.61	1466	3	1.29	99	730	28	25	<20	103	0.74	<10	301	<10	28	75
6	5003359	<0.2	7.65	<5	135	<5	5.73	<1	44	244	40	7.80	0.39	<10	4.81	1206	3	2.41	96	690	28	10	<20	139	0.75	<10	299	<10	30	73
7	5003360	<0.2	7.79	<5	135	<5	5.38	<1	46	228	37	8.53	0.40	<10	4.17	1456	3	1.87	96	740	30	20	<20	128	0.77	<10	301	<10	30	78
8	5003361	<0.2	8.15	<5	90	<5	6.80	<1	42	229	52	7.92	0.37	<10	4.56	1267	3	2.85	88	720	30	10	<20	292	0.75	<10	306	<10	30	69
9	5003362	<0.2	7.95	<5	90	<5	6.63	<1	45	227	50	8.25	0.35	<10	4.86	1285	3	2.93	94	750	26	10	<20	245	0.81	<10	304	<10	29	72
10	5003363	<0.2	7.62	<5	140	<5	5.58	<1	43	200	27	7.80	0.46	<10	4.72	1153	2	2.21	87	680	26	10	<20	142	0.66	<10	285	<10	27	81
11	5003364	<0.2	8.50	5	270	<5	5.50	<1	43	206	30	7.76	0.64	<10	4.19	1297	3	2.16	86	750	30	15	<20	204	0.72	<10	308	<10	30	69
12	5003365	<0.2	6.95	40	385	<5	6.45	<1	38	168	29	5.84	1.04	<10	3.20	1334	2	0.71	74	630	26	30	<20	196	0.47	<10	240	<10	16	85
13	5003366	<0.2	8.31	<5	205	<5	4.27	<1	34	177	<1	6.63	0.46	<10	4.64	984	2	2.65	62	620	22	10	<20	163	0.67	<10	303	<10	31	63
14	5003367	<0.2	8.16	<5	105	<5	6.55	<1	42	173	38	8.06	0.39	<10	4.45	1170	3	3.21	77	760	28	10	<20	179	0.78	<10	288	<10	29	72
15	5003368	<0.2	8.10	<5	235	<5	6.22	<1	41	161	51	7.76	0.71	<10	4.32	1275	3	2.81	73	720	26	10	<20	163	0.65	<10	295	<10	25	75
16	5003368	<0.2	8.20	5	225	<5	6.30	<1	41	166	49	7.86	0.71	<10	4.42	1317	3	2.80	74	730	28	10	<20	165	0.66	<10	297	<10	26	77
17	5003370	2.0	6.14	<5	435	<5	2.95	<1	10	36	6925	7.96	1.89	<10	1.15	970	10	1.40	21	780	54	35	<20	432	0.13	<10	85	<10	8	127
18	5003371	<0.2	5.35	5	590	<5	6.68	<1	23	149	24	4.86	1.39	<10	3.11	937	2	0.90	52	500	22	10	<20	213	0.09	<10	171	<10	9	48
19	5003372	<0.2	8.16	<5	230	<5	6.15	<1	42	163	11	7.99	0.80	<10	4.35	1078	3	2.98	76	790	30	10	<20	243	0.63	<10	290	<10	26	74
20	5003373	<0.2	8.43	<5	165	<5	5.74	<1	40	176	44	7.72	0.60	<10	4.49	1160	3	3.28	73	750	26	5	<20	177	0.83	<10	307	<10	33	69
21	5003374	<0.2	8.43	<5	120	<5	6.48	<1	43	185	8	8.22	0.50	<10	4.72	1186	3	3.29	78	810	36	10	<20	238	0.89	<10	301	<10	33	68
22	5003375	<0.2	8.32	<5	105	<5	5.40	<1	43	186	40	8.14	0.47	<10	4.42	1308	3	3.17	77	790	30	10	<20	165	0.85	<10	304	<10	32	72
23	5003376	<0.2	7.08	5	470	<5	2.58	<1	12	59	19	3.64	1.06	10	1.46	601	4	2.68	28	740	30	<5	<20	414	0.32	<10	119	<10	16	55
24	5003377	<0.2	6.71	15	490	<5	5.75	<1	36	140	24	6.74	1.36	<10	3.93	1218	2	0.95	63	640	24	15	<20	175	0.18	<10	225	<10	16	65
25	5003378	<0.2	8.23	5	250	<5	4.18	<1	45	178	72	8.41	0.67	<10	3.94	1150	3	2.47	82	840	32	10	<20	128	0.82	<10	300	<10	29	80

Alex Stewart Geochemical

ECO TECH LABORATORY LTD. — ICP CERTIFICATE OF ANALYSIS AW 2008- 8616 — Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5003379	<0.2	6.72	25	265	<5	3.17	<1	34	166	164	5.09	0.56	<10	1.80	1261	2	0.55	59	660	28	35	<20	63	0.52	<10	195	<10	18	63
27	5003380	<0.2	8.45	5	245	<5	5.66	<1	43	182	39	8.14	0.81	<10	4.34	1280	3	2.99	77	810	28	5	<20	199	0.84	<10	308	<10	34	74
28	5003381	<0.2	7.75	5	285	<5	6.56	<1	43	163	56	8.07	0.74	<10	4.22	1252	3	2.73	74	770	28	10	<20	163	0.71	<10	284	<10	28	79
29	5003382	<0.2	7.93	5	300	<5	6.12	<1	43	157	66	8.07	0.75	<10	4.15	1256	3	2.68	74	790	30	10	<20	148	0.72	<10	296	<10	28	78
30	5003403	<0.2	7.76	<5	255	<5	5.86	<1	37	174	51	7.12	0.79	<10	4.13	1181	3	1.63	73	700	28	10	<20	144	0.61	<10	262	<10	22	65
31	5003404	<0.2	7.28	5	335	<5	5.99	<1	33	175	27	6.58	1.14	<10	3.94	1229	2	1.09	66	610	26	15	<20	183	0.39	<10	236	<10	15	58
32	5003405	0.4	4.75	10	520	<5	2.92	<1	24	335	662	4.29	0.90	20	2.03	938	18	0.45	72	4560	24	25	<20	78	0.22	<10	170	<10	25	143
33	5003406	<0.2	8.21	<5	225	<5	5.81	<1	42	189	46	8.21	0.60	<10	4.27	1196	3	3.03	74	860	32	10	<20	171	0.81	<10	285	<10	29	69
34	5003407	<0.2	8.40	30	125	<5	6.30	<1	41	200	52	7.77	0.43	<10	4.15	1211	3	2.70	75	770	32	10	<20	220	0.82	<10	295	<10	30	69
35	5003408	<0.2	8.96	15	380	<5	3.68	<1	44	188	58	7.71	0.68	<10	3.67	1169	3	1.14	77	830	42	15	<20	128	0.80	<10	311	<10	26	107
36	5003408	<0.2	8.78	10	380	<5	3.58	<1	40	190	58	7.56	0.65	<10	3.66	1137	2	1.08	74	790	40	20	<20	129	0.81	<10	323	<10	28	111
37	5003410	3.2	6.62	160	1390	<5	2.40	2	12	102	71	4.28	1.27	10	1.32	593	13	1.81	44	970	288	50	<20	301	0.32	<10	128	<10	17	270
38	5003411	<0.2	8.22	<5	160	<5	5.87	<1	41	184	52	8.08	0.31	<10	3.99	1099	3	2.67	71	800	32	10	<20	326	0.85	<10	317	<10	32	71
39	5003412	<0.2	7.78	15	285	<5	2.75	<1	39	185	22	6.65	0.45	<10	2.29	1451	2	0.31	73	790	34	40	<20	54	0.64	<10	289	<10	24	69
40	5003413	<0.2	7.61	20	370	<5	2.44	<1	40	186	38	7.19	0.58	<10	2.48	1501	2	0.30	72	770	34	45	<20	71	0.49	<10	273	<10	20	53
41	5003414	<0.2	7.47	5	470	<5	2.38	<1	38	195	2	6.78	0.70	<10	2.67	1335	2	0.28	72	750	34	30	<20	34	0.69	<10	290	<10	24	46
42	5003415	<0.2	4.13	<5	350	<5	1.20	<1	21	146	470	4.42	0.46	<10	1.72	1076	1	0.16	44	410	24	20	<20	20	0.29	<10	124	<10	14	41
43	5003416	<0.2	7.02	5	460	<5	2.75	<1	13	59	19	3.67	0.95	<10	1.44	643	4	2.52	30	740	40	<5	<20	408	0.35	<10	120	<10	17	62
44	5003417	<0.2	4.33	30	315	<5	2.17	<1	24	154	61	4.41	0.50	<10	1.90	1350	2	0.20	47	440	28	10	<20	41	0.32	<10	131	<10	15	267
45	5003418	0.2	2.53	<5	435	<5	0.31	<1	15	85	72	2.50	0.61	<10	1.13	562	1	0.10	21	300	22	<5	<20	6	0.14	<10	38	<10	8	254
46	5003419	<0.2	4.26	<5	250	<5	2.04	<1	23	120	97	3.88	0.36	<10	2.01	900	2	1.21	38	430	30	5	<20	53	0.34	<10	114	<10	15	230
47	5003420	<0.2	3.86	<5	200	<5	1.07	<1	19	110	30	3.35	0.30	<10	1.60	741	1	0.19	30	500	24	5	<20	17	0.26	<10	90	<10	14	76
48	5003421	0.2	6.93	10	375	<5	1.89	<1	37	195	61	7.23	0.47	<10	2.60	1509	2	0.34	82	680	46	25	<20	31	0.62	<10	253	<10	24	167
49	5003422	<0.2	6.66	10	395	<5	1.75	<1	34	195	69	6.82	0.50	<10	2.64	1418	2	0.32	77	650	40	25	<20	25	0.57	<10	238	<10	23	183
50	5003423	0.2	8.11	10	220	<5	5.56	<1	42	203	57	8.02	0.43	<10	4.32	1534	3	2.44	80	810	42	10	<20	189	0.81	<10	307	<10	30	123
QC DATA:																														
Repeat:																														
1	5003354	<0.2	1.25	5	30	<5	1.14	<1	86	1906	9	4.54	0.39	<10	>10	414	<1	0.96	1507	40	16	40	<20	41	<0.01	<10	29	<10	<1	52
10	5003363	<0.2	7.71	5	145	<5	5.66	<1	44	199	24	7.87	0.47	<10	4.72	1175	3	2.24	87	700	26	10	<20	143	0.67	<10	286	<10	27	75
19	5003372	<0.2	8.04	<5	220	<5	5.91	<1	41	158	11	7.86	0.79	<10	4.27	1061	3	2.82	75	780	28	10	<20	238	0.62	<10	280	<10	25	71
36	5003408	<0.2	8.69	15	370	<5	3.68	<1	41	195	57	7.56	0.67	<10	3.61	1154	3	1.10	75	800	44	15	<20	127	0.81	<10	327	<10	28	114
45	5003418	<0.2	2.53	<5	430	<5	0.30	<1	14	86	66	2.50	0.61	<10	1.12	564	<1	0.12	21	290	20	<5	<20	6	0.13	<10	36	<10	8	254
Resplit:																														
1	5003354	<0.2	1.24	<5	25	<5	1.11	<1	98	1976	10	4.74	0.39	<10	>10	423	<1	0.97	1600	40	20	40	<20	40	<0.01	<10	30	<10	<1	54
36	5003408	0.2	8.72	10	370	<5	3.73	<1	39	185	58	7.61	0.67	<10	3.63	1163	3	1.13	74	810	44	20	<20	125	0.81	<10	318	<10	27	113
Standard:																														
STSD3		0.4	5.79	20	1320	<5	2.23	<1	16	57	32	4.13	1.40	30	1.35	2570	7	1.20	32	1760	48	5	<20	247	0.31	<10	106	<10	29	199
STSD3		0.4	5.66	25	1380	<5	2.30	<1	17	61	33	4.16	1.46	30	1.31	2551	7	1.21	34	1730	54	5	<20	252	0.29	<10	111	<10	29	194

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish

JJ/ndw
df/8617S
XLS/08

ECO TECH LABORATORY LTD
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8608

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

21-Nov-08

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008-0017
Submitted by:Lauren Islip

ET #.	Tag #	SG g/cm^3
1	5003433	2.78
2	5003434	2.65
3	5003435	2.72
8	5003440	2.73
9	5003441	2.66
10	5003442	2.63
11	5003443	2.71
15	5003447	2.66
16	5003448	2.68
17	5003448	2.69
QC DATA:		
Repeat:		
1	5003433	2.79
Standard:		
SG-1		2.59

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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8608

20-Nov-08

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008-0017
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003433	<0.03	<0.001
2	5003434	<0.03	<0.001
3	5003435	<0.03	<0.001
4	5003436	<0.03	<0.001
5	5003437	<0.03	<0.001
6	5003438	<0.03	<0.001
7	5003439	<0.03	<0.001
8	5003440	0.04	0.001
9	5003441	<0.03	<0.001
10	5003442	<0.03	<0.001
11	5003443	0.23	0.007
12	5003444	<0.03	<0.001
13	5003445	<0.03	<0.001
14	5003446	<0.03	<0.001
15	5003447	<0.03	<0.001
16	5003448	<0.03	<0.001
17	5003449	<0.03	<0.001
18	5003450	1.46	0.043
19	5003451	<0.03	<0.001
20	5003452	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003433	<0.03	<0.001
10	5003442	<0.03	<0.001
11	5003443	0.24	0.007
Resplit:			
1	5003433	<0.03	<0.001
Standard:			
Oxi67		1.84	0.054

JJ/ap
XLS/08

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Jutta Jealouse
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20-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8608

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 20
Sample Type:Core
Project: H1005
Shipment #:2008/0017
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003433	<0.2	7.37	<5	200	<5	7.11	<1	42	265	33	8.78	0.22	<10	5.31	1379	3	2.88	99	720	24	10	<20	214	0.89	<10	294	<10	30	80
2	5003434	<0.2	7.69	25	270	<5	6.68	<1	35	144	31	8.14	0.72	<10	4.05	1275	4	1.97	63	790	26	10	<20	195	0.78	<10	279	<10	29	79
3	5003435	<0.2	7.27	10	305	<5	6.18	<1	34	143	23	7.84	0.66	<10	4.07	1347	3	2.21	61	750	24	10	<20	185	0.65	<10	265	<10	27	62
4	5003436	<0.2	7.11	<5	470	<5	3.08	<1	12	61	17	3.72	0.99	<10	1.50	641	5	2.54	28	780	26	<5	<20	405	0.36	<10	117	<10	17	60
5	5003437	0.2	7.45	<5	145	<5	6.69	<1	35	140	31	8.29	0.30	<10	3.90	1261	3	2.85	62	790	26	10	<20	173	0.82	<10	265	<10	29	72
6	5003438	0.4	7.75	<5	160	<5	7.13	<1	37	139	40	8.62	0.37	<10	4.11	1238	3	2.84	62	820	26	10	<20	222	0.87	<10	272	<10	30	73
7	5003439	0.2	8.00	<5	150	<5	5.47	<1	39	149	35	8.67	0.32	<10	3.84	1327	3	2.44	67	840	26	10	<20	139	0.97	<10	302	<10	33	74
8	5003440	<0.2	7.86	<5	305	<5	5.32	<1	35	111	36	8.59	0.72	<10	3.49	1399	3	0.49	56	840	26	20	<20	87	0.72	<10	279	<10	26	77
9	5003441	<0.2	8.11	<5	220	<5	2.57	<1	37	163	13	8.24	0.33	<10	2.65	1370	3	0.36	67	830	26	30	<20	32	0.85	<10	300	<10	26	70
10	5003442	<0.2	8.33	<5	205	<5	2.91	<1	41	168	14	8.29	0.31	<10	2.76	1412	4	0.37	71	860	28	30	<20	37	0.88	<10	304	<10	26	77
11	5003443	0.2	5.91	25	585	<5	7.14	<1	29	103	26	7.41	1.36	<10	3.19	1223	3	0.42	54	560	28	15	<20	170	0.27	<10	197	<10	16	62
12	5003444	<0.2	7.52	<5	190	<5	5.64	<1	38	178	46	8.56	0.32	<10	4.44	1190	3	1.86	73	750	28	10	<20	119	0.82	<10	283	<10	29	76
13	5003445	<0.2	7.58	<5	185	<5	5.12	<1	38	179	38	8.64	0.43	<10	3.27	1481	3	0.41	73	770	24	30	<20	73	0.82	<10	284	<10	27	72
14	5003446	0.2	5.74	15	545	<5	6.75	<1	29	140	131	6.20	1.22	<10	3.25	1160	3	0.47	55	500	24	15	<20	187	0.34	<10	195	<10	17	48
15	5003447	0.2	8.27	5	330	<5	5.37	<1	41	191	20	8.62	0.62	<10	4.50	1298	3	1.11	78	850	26	10	<20	105	0.89	<10	305	<10	29	76
16	5003448	<0.2	7.63	<5	225	<5	5.44	<1	40	193	3	8.86	0.34	<10	4.54	1227	3	2.23	78	860	24	10	<20	120	0.97	<10	303	<10	30	77
17	5003448 Dup	<0.2	7.54	<5	215	<5	5.31	<1	41	193	9	8.89	0.36	<10	4.48	1257	3	2.32	80	860	22	10	<20	118	0.97	<10	299	<10	30	78
18	5003450	3.8	7.56	10	1350	<5	1.58	1	14	101	9995	5.65	3.18	30	1.06	337	282	0.98	32	990	98	25	<20	273	0.15	<10	93	<10	12	133
19	5003451	<0.2	7.60	<5	190	<5	3.04	<1	44	169	48	>10	0.24	<10	3.96	1513	4	0.43	78	790	26	15	<20	42	0.96	<10	296	<10	29	81
20	5003452	<0.2	7.14	35	640	<5	7.58	<1	38	175	3	6.97	1.11	<10	2.89	1376	4	0.46	78	990	28	40	<20	141	0.56	<10	229	<10	20	56
QC DATA:																														
Repeat:																														
1	5003433	<0.2	7.27	<5	200	<5	7.26	<1	44	265	29	8.94	0.22	<10	5.26	1418	4	2.90	101	740	24	10	<20	208	0.91	<10	292	<10	29	78
10	5003442	<0.2	8.22	<5	200	<5	2.79	<1	38	160	16	8.13	0.31	<10	2.66	1375	4	0.36	67	830	24	30	<20	37	0.85	<10	292	<10	25	74
Resplit:																														
1	5003433	<0.2	7.24	<5	210	<5	6.98	<1	41	256	35	8.52	0.24	<10	5.24	1323	4	2.79	95	700	24	10	<20	203	0.87	<10	290	<10	30	74

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8608

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
STSD3		0.4	5.86	20	1375	<5	2.44	<1	16	62	36	4.11	1.43	30	1.36	2559	8	1.18	32	1750	52	10	<20	245	0.28	<10	113	<10	30	195

JJ/ap
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8618

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

21-Nov-08

No. of samples received: 16
Sample Type:Core
Project: H1005
Shipment #:2008-0025
Submitted by:Lauren Islip

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	5003424	<0.03	<0.001
2	5003425	<0.03	<0.001
3	5003426	<0.03	<0.001
4	5003427	<0.03	<0.001
5	5003428	<0.03	<0.001
6	5003428	<0.03	<0.001
7	5003430	0.70	0.020
8	5003431	<0.03	<0.001
9	5003432	<0.03	<0.001
10	5003453	<0.03	<0.001
11	5003454	<0.03	<0.001
12	5003455	<0.03	<0.001
13	5003456	<0.03	<0.001
14	5003457	<0.03	<0.001
15	5003458	<0.03	<0.001
16	5003459	<0.03	<0.001
QC DATA:			
Repeat:			
1	5003424	<0.03	<0.001
10	5003453	<0.03	<0.001
Resplit:			
1	5003424	<0.03	<0.001
Standard:			
Oxi67		1.79	0.052

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XLS/08

23-Nov-08

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8618
Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 16
Sample Type:Core
Project: H1005
Shipment #:2008-0025
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003424	<0.2	1.01	5	15	<5	2.07	<1	88	1747	45	4.22	0.25	<10	>10	901	<1	0.61	1459	30	10	35	<20	113	<0.01	<10	31	<10	1	38
2	5003425	<0.2	1.51	10	30	<5	4.14	<1	100	2077	69	4.45	0.22	<10	>10	1116	<1	0.56	1654	40	14	45	<20	235	<0.01	<10	47	<10	1	40
3	5003426	<0.2	8.36	<5	1030	<5	5.36	<1	46	106	10	8.99	1.60	<10	6.44	1922	3	1.14	82	1020	34	10	<20	229	0.19	<10	290	<10	19	84
4	5003427	<0.2	7.34	<5	315	<5	5.41	<1	41	179	26	7.21	0.76	<10	4.14	1321	2	1.94	76	720	34	15	<20	182	0.51	<10	266	<10	24	64
5	5003428	<0.2	6.54	<5	195	<5	6.22	<1	38	173	37	6.62	0.64	<10	4.41	1099	2	1.91	66	590	28	10	<20	218	0.53	<10	229	<10	24	57
6	5003428	<0.2	6.35	5	190	<5	5.95	<1	38	163	35	6.57	0.61	<10	4.35	1092	2	1.80	67	580	26	10	<20	216	0.54	<10	219	<10	25	58
7	5003430	2.0	6.10	5	565	<5	2.91	<1	11	38	6895	8.08	2.31	10	1.15	991	11	1.28	23	840	58	35	<20	429	0.14	<10	85	<10	8	131
8	5003431	<0.2	7.43	<5	200	<5	5.33	<1	39	198	28	7.04	0.46	<10	4.37	1136	2	2.03	80	650	30	15	<20	196	0.64	<10	276	<10	27	67
9	5003432	<0.2	7.17	<5	180	<5	6.18	<1	44	235	22	7.82	0.41	<10	4.97	1305	2	2.08	95	690	32	10	<20	192	0.69	<10	283	<10	27	79
10	5003453	<0.2	8.48	<5	335	<5	3.31	<1	43	197	20	8.00	0.53	<10	4.80	1104	3	0.51	90	810	30	10	<20	81	0.75	<10	297	<10	27	61
11	5003454	<0.2	7.87	<5	230	<5	4.33	<1	43	195	25	7.67	0.45	<10	4.11	1174	3	2.39	89	840	38	10	<20	141	0.84	<10	280	<10	29	70
12	5003455	<0.2	7.87	<5	190	<5	4.99	<1	39	205	36	7.22	0.37	<10	3.87	1508	3	2.07	80	770	30	10	<20	112	0.78	<10	280	<10	28	64
13	5003456	0.2	7.00	5	460	<5	2.80	<1	13	57	18	3.76	0.97	10	1.44	668	4	2.52	30	770	32	<5	<20	418	0.35	<10	112	<10	16	62
14	5003457	<0.2	7.84	5	265	<5	5.76	<1	43	206	15	8.12	0.57	<10	4.55	1033	3	1.94	88	760	30	20	<20	183	0.76	<10	279	<10	31	62
15	5003458	<0.2	8.29	<5	205	<5	5.00	<1	41	215	<1	7.63	0.40	<10	4.62	1041	2	3.05	85	770	32	10	<20	165	0.79	<10	293	<10	32	66
16	5003459	<0.2	5.77	5	275	<5	3.39	<1	32	157	4	5.54	0.49	<10	2.69	1266	2	0.45	61	560	28	5	<20	59	0.49	<10	182	<10	20	51
QC DATA:																														
Repeat:																														
1	5003424	<0.2	1.06	5	15	<5	2.13	<1	87	1768	49	4.40	0.25	<10	>10	942	<1	0.65	1523	30	12	35	<20	119	<0.01	<10	32	<10	1	40
10	5003453	<0.2	8.45	<5	335	<5	3.50	<1	43	193	22	8.16	0.53	<10	4.75	1128	3	0.53	90	820	36	15	<20	80	0.76	<10	295	<10	27	60
Resplit:																														
1	5003424	0.2	1.04	5	20	<5	2.08	<1	89	1744	41	4.25	0.25	<10	>10	892	<1	0.63	1474	30	12	40	<20	111	<0.01	<10	32	<10	2	47
Standard:																														
STSD3		0.4	5.87	25	1395	<5	2.55	<1	17	62	36	4.40	1.40	30	1.35	2510	8	1.15	36	1690	44	5	<20	349	0.29	<10	114	<10	30	210

JJ/ndw
df/8617S
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ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.
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Alex Stewart GEOCHEMICAL

CERTIFICATE OF ASSAY AW 2008-8606

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

18-Nov-08

No. of samples received: 48
Sample Type:Core
Project: H1005
Shipment #:2008/0019
Submitted by:Lauren Islip

ET #.	Tag #	SG g/cm^3
14	5003473	2.69
15	5003474	2.71
16	5003475	2.65
19	5003478	2.67
20	5003479	2.72
21	5003480	2.73
22	5003481	2.73

QC DATA:

Repeat:

14	5003473	2.69

Standard:

SG-1	2.61

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JJ/nw
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18-Nov-08

No. of samples received: 48
Sample Type:Core
Project: H1005
Shipment #:2008/0019
Submitted by:Lauren Islip

ET #.	Tag #		Au (g/t)	Au (oz/t)
1	5003460		<0.03	<0.001
2	5003461		0.03	0.001
3	5003462		<0.03	<0.001
4	5003463		<0.03	<0.001
5	5003464		<0.03	<0.001
6	5003465		0.04	0.001
7	5003466		0.03	0.001
8	5003467		<0.03	<0.001
9	5003468		<0.03	<0.001
10	5003468		<0.03	<0.001
11	5003470		3.38	0.099
12	5003471		<0.03	<0.001
13	5003472		<0.03	<0.001
14	5003473		<0.03	<0.001
15	5003474		<0.03	<0.001
16	5003475		<0.03	<0.001
17	5003476		<0.03	<0.001
18	5003477	*	<0.03	<0.001
19	5003478		<0.03	<0.001
20	5003479		<0.03	<0.001
21	5003480		<0.03	<0.001
22	5003481		<0.03	<0.001
23	5003482		0.14	0.004
24	5003483		<0.03	<0.001
25	5003484		<0.03	<0.001

* Metallic Au

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Hawthorne Gold Corp - AW 2008-8606 18-Nov-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	5003485	<0.03	<0.001
27	5003486	<0.03	<0.001
28	5003487	<0.03	<0.001
29	5003488	<0.03	<0.001
30	5003488	<0.03	<0.001
31	5003490	0.70	0.020
32	5003491	<0.03	<0.001
33	5003492	<0.03	<0.001
34	5003493	<0.03	<0.001
35	5003494	<0.03	<0.001
36	5003495	<0.03	<0.001
37	5003496	<0.03	<0.001
38	5003497	0.06	0.002
39	5003498	0.05	0.001
40	5003499	<0.03	<0.001
41	5003500	<0.03	<0.001
42	5003501	0.09	0.003
43	5003502	<0.03	<0.001
44	5003503	<0.03	<0.001
45	5003504	<0.03	<0.001
46	5003505	<0.03	<0.001
47	5003506	<0.03	<0.001
48	5003507	0.04	0.001
QC DATA:			
Repeat:			
1	5003460	<0.03	<0.001
10	5003468	<0.03	<0.001
19	5003478	<0.03	<0.001
23	5003482	0.15	0.004
36	5003495	<0.03	<0.001
42	5003501	0.08	0.002
45	5003504	<0.03	<0.001
Resplit:			
1	5003460	<0.03	<0.001
36	5003504	<0.03	<0.001
Standard:			
Oxi67		1.81	0.053
Hisilk2		3.44	0.100

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24-Nov-08

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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 8606

Total Digest

Hawthorne Gold Corp
#1580 One Bental Centre
505 Burrard St, Box 72
Vancouver, BC
V7X 1M5

No. of samples received: 48
Sample Type:Core
Project: H1005
Shipment #:2008/0019
Submitted by:Lauren Islip

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5003460	0.8	4.36	<5	110	<5	3.14	1	15	238	115	3.90	1.63	20	2.09	2209	5	0.91	138	390	40	10	<20	432	0.08	<10	79	<10	11	262
2	5003461	0.6	4.23	<5	700	<5	1.99	<1	9	274	94	2.63	1.70	10	1.63	1992	5	0.62	116	300	24	10	<20	305	0.08	<10	80	<10	8	178
3	5003462	0.8	4.62	<5	640	<5	2.16	2	13	266	106	3.06	1.89	20	1.82	2124	6	0.69	136	340	26	10	<20	326	0.09	<10	87	<10	8	238
4	5003463	<0.2	0.96	<5	35	<5	0.85	<1	96	2241	4	5.42	0.39	<10	>10	1162	<1	0.97	1872	30	6	55	<20	34	0.01	<10	19	<10	<1	40
5	5003464	0.8	>10	<5	1805	<5	4.62	<1	47	383	101	8.07	2.39	<10	3.90	1901	4	0.91	115	690	34	15	<20	126	0.20	<10	167	<10	11	103
6	5003465	0.4	7.61	15	245	<5	6.72	<1	17	113	86	4.19	0.72	20	2.53	1798	3	0.68	47	650	26	15	<20	132	0.07	<10	80	<10	12	47
7	5003466	0.8	6.70	25	535	<5	7.93	<1	33	175	120	7.47	1.59	<10	4.67	2415	3	0.83	71	600	22	20	<20	246	0.15	<10	220	<10	15	67
8	5003467	<0.2	8.69	<5	265	<5	3.52	<1	39	192	7	7.92	0.49	<10	2.63	1672	4	0.64	76	890	30	45	<20	61	0.79	<10	320	<10	25	69
9	5003468	<0.2	8.10	20	125	<5	4.15	<1	34	149	37	6.92	0.43	<10	2.48	1455	3	0.58	66	790	30	45	<20	63	0.72	<10	294	<10	21	73
10	5003468	0.2	8.04	20	120	<5	3.92	<1	33	147	35	6.56	0.43	<10	2.45	1412	3	0.56	63	790	28	40	<20	62	0.69	<10	290	<10	21	70
11	5003470	3.4	6.74	165	1290	<5	2.42	2	10	99	68	4.30	1.32	10	1.24	628	13	1.90	48	960	298	45	<20	286	0.30	<10	120	<10	15	266
12	5003471	<0.2	7.26	10	180	<5	4.54	<1	33	157	8	7.89	0.52	<10	3.16	1582	3	0.63	67	740	34	40	<20	81	0.73	<10	263	<10	22	73
13	5003472	<0.2	7.99	10	115	<5	3.87	<1	33	213	29	6.48	0.34	<10	2.31	1466	3	0.56	86	750	26	75	<20	47	0.83	<10	285	<10	21	67
14	5003473	<0.2	7.38	20	245	<5	5.85	<1	31	204	24	6.52	0.59	<10	3.18	1609	3	0.65	80	690	24	55	<20	97	0.62	<10	251	<10	18	53
15	5003474	0.6	7.67	<5	190	<5	5.14	<1	34	205	4	7.73	0.47	<10	3.28	1645	3	0.66	85	740	24	50	<20	74	0.69	<10	268	<10	24	61
16	5003475	<0.2	8.06	<5	250	<5	4.62	<1	33	198	<1	6.75	0.52	<10	3.76	1314	3	0.66	78	760	24	35	<20	81	0.59	<10	277	<10	19	56
17	5003476	<0.2	7.12	<5	465	<5	3.18	<1	11	61	16	3.84	1.08	<10	1.49	662	5	2.57	29	760	30	<5	<20	407	0.37	<10	117	<10	16	55
18	5003477	0.2	4.08	<5	220	<5	4.56	<1	17	257	8	3.71	0.49	<10	2.20	862	2	0.42	45	430	12	25	<20	95	0.22	<10	142	<10	9	32
19	5003478	0.4	8.19	5	200	<5	4.25	<1	35	164	44	8.08	0.55	<10	4.44	1239	4	1.97	74	770	30	15	<20	123	0.71	<10	281	<10	20	72
20	5003479	<0.2	8.14	<5	205	<5	4.60	<1	43	282	34	9.01	0.57	<10	5.82	1271	3	0.79	111	780	28	15	<20	79	0.55	<10	300	<10	20	76
21	5003480	<0.2	7.36	<5	370	<5	7.87	<1	37	254	24	7.93	0.93	<10	5.36	1404	3	1.32	97	650	28	10	<20	177	0.29	<10	238	<10	16	73
22	5003481	0.4	7.06	30	410	<5	7.11	<1	36	244	35	7.78	0.92	<10	4.25	1316	3	0.75	96	620	50	20	<20	149	0.43	<10	246	<10	17	93
23	5003482	0.2	6.65	25	410	<5	7.13	<1	33	239	32	7.66	0.90	<10	4.45	1345	3	0.73	88	570	48	20	<20	167	0.39	<10	232	<10	17	93
24	5003483	0.2	8.08	20	190	<5	3.69	<1	43	281	19	9.30	0.35	<10	2.43	1797	4	0.61	107	800	28	60	<20	36	0.76	<10	299	<10	24	76
25	5003484	<0.2	7.68	5	270	<5	5.97	<1	38	289	22	7.36	0.49	<10	3.00	1435	3	0.67	99	680	24	45	<20	77	0.60	<10	271	<10	26	62

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ICP CERTIFICATE OF ANALYSIS AW 2008- 8606

Hawthorne Gold Corp

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	5003485	<0.2	7.50	10	275	<5	6.71	<1	35	189	52	7.78	0.55	<10	4.01	1232	4	1.52	75	720	26	10	<20	175	0.68	<10	259	<10	25	64
27	5003486	<0.2	7.95	<5	310	<5	7.41	<1	36	234	43	8.11	0.41	<10	4.34	1368	3	2.95	77	720	28	10	<20	285	0.82	<10	274	<10	27	65
28	5003487	<0.2	8.42	<5	215	<5	5.47	<1	36	243	61	7.89	0.42	<10	4.77	1050	3	3.12	75	740	24	15	<20	253	0.81	<10	298	<10	31	68
29	5003488	<0.2	7.47	<5	225	<5	6.52	<1	33	214	48	7.40	0.52	<10	4.33	1121	3	2.63	71	670	22	10	<20	222	0.68	<10	259	<10	25	64
30	5003488	<0.2	7.52	<5	225	<5	6.58	<1	34	212	52	7.48	0.54	<10	4.36	1130	3	2.67	72	690	22	10	<20	223	0.68	<10	259	<10	26	63
31	5003490	2.0	6.13	<5	490	<5	3.18	<1	9	39	6823	8.35	2.30	<10	1.16	1027	11	1.41	25	860	50	35	<20	429	0.15	<10	88	<10	9	124
32	5003491	0.4	7.28	15	345	<5	6.05	<1	34	200	58	7.19	0.83	<10	4.09	1064	4	2.62	69	700	22	15	<20	179	0.62	<10	256	<10	20	60
33	5003492	<0.2	7.67	25	595	<5	6.34	<1	36	221	47	7.88	1.03	<10	4.60	1175	4	2.40	77	720	22	10	<20	151	0.65	<10	267	<10	19	63
34	5003493	0.2	6.58	25	465	<5	5.99	<1	26	149	160	5.96	0.95	<10	3.10	1691	4	2.76	50	660	20	10	<20	151	0.21	<10	160	<10	13	97
35	5003494	0.4	4.63	15	260	<5	2.02	<1	11	130	84	2.26	0.45	20	1.01	615	2	1.34	19	370	16	5	<20	69	0.11	<10	46	<10	8	30
36	5003495	0.2	3.72	15	610	<5	1.42	<1	11	160	25	1.94	0.88	10	0.80	863	2	0.31	18	330	26	<5	<20	50	0.07	<10	38	<10	6	58
37	5003496	0.2	7.12	<5	445	<5	3.15	<1	12	58	14	4.01	1.05	<10	1.44	718	6	2.67	29	750	32	5	<20	395	0.36	<10	106	<10	15	60
38	5003497	0.2	4.72	25	555	<5	2.98	<1	19	166	44	3.77	1.01	<10	1.98	1123	2	0.90	34	420	22	10	<20	100	0.22	<10	123	<10	8	46
39	5003498	0.2	6.84	30	760	<5	5.26	<1	29	182	62	6.29	1.46	<10	3.27	1163	4	0.82	61	800	26	10	<20	121	0.36	<10	221	<10	13	64
40	5003499	<0.2	7.93	15	245	<5	6.18	<1	33	200	56	7.63	0.72	<10	3.80	1137	4	2.24	70	710	28	10	<20	188	0.67	<10	271	<10	23	66
41	5003500	0.4	8.26	<5	140	<5	6.20	<1	33	188	59	7.48	0.35	<10	4.14	1132	4	2.89	64	720	26	10	<20	182	0.81	<10	281	<10	29	72
42	5003501	0.4	7.98	40	425	<5	6.73	<1	33	199	53	7.31	1.01	<10	4.09	1122	4	2.68	67	670	24	5	<20	196	0.56	<10	273	<10	22	61
43	5003502	0.2	7.63	25	365	<5	6.23	<1	29	186	54	6.79	0.86	<10	3.92	1064	4	2.73	61	620	24	10	<20	178	0.57	<10	256	<10	23	57
44	5003503	0.2	8.45	20	330	<5	7.01	<1	36	207	65	8.22	0.84	<10	4.29	1307	4	2.84	74	790	34	10	<20	157	0.64	<10	293	<10	26	75
45	5003504	<0.2	8.14	<5	125	<5	6.24	<1	32	187	47	7.34	0.44	<10	4.17	1022	4	3.17	64	740	30	10	<20	182	0.79	<10	278	<10	28	65
46	5003505	<0.2	8.58	<5	85	<5	5.99	<1	35	200	32	7.86	0.39	<10	4.49	1075	4	3.47	71	800	30	10	<20	194	0.83	<10	282	<10	30	62
47	5003506	<0.2	7.63	20	735	<5	5.72	<1	31	201	65	6.87	1.57	<10	4.35	970	3	2.08	76	670	32	10	<20	173	0.46	<10	246	<10	15	64
48	5003507	0.2	6.60	30	680	<5	7.15	<1	30	155	21	7.58	1.33	<10	3.89	1194	3	2.07	60	730	32	10	<20	198	0.44	<10	212	<10	16	55
QC DATA:																														
Repeat:																														
1	5003460	0.8	4.22	<5	105	<5	3.06	1	14	243	112	3.73	1.59	20	2.06	2178	5	0.88	131	370	36	10	<20	420	0.08	<10	74	<10	11	249
10	5003468	<0.2	8.02	15	120	<5	4.07	<1	32	152	36	6.57	0.44	<10	2.42	1390	3	0.58	60	810	30	40	<20	63	0.67	<10	293	<10	20	71
19	5003478	0.2	7.95	5	190	<5	4.04	<1	33	158	40	7.79	0.54	<10	4.34	1192	4	1.92	68	760	24	15	<20	122	0.69	<10	271	<10	19	67
36	5003504	0.2	3.58	10	595	<5	1.43	<1	9	152	24	1.87	0.85	<10	0.79	845	1	0.28	18	320	24	5	<20	46	0.05	<10	36	<10	5	63
Resplit:																														
4	5003463	<0.2	1.03	<5	40	<5	0.88	<1	91	2247	4	5.44	0.41	<10	>10	1171	<1	1.01	1903	30	8	50	<20	35	0.01	<10	21	<10	<1	36
36	5003504	0.2	3.62	15	600	<5	1.46	<1	9	147	25	1.88	0.84	10	0.82	856	2	0.29	18	330	28	<5	<20	46	0.07	<10	36	<10	5	60
Standard:																														
STSD-3		0.5	5.71	20	1320	<5	2.38	<1	14	60	26	4.18	1.58	30	1.30	2568	7	1.25	35	1710	44	10	<20	257	0.29	<10	106	<10	29	193
STSD-3		0.5	5.86	20	1320	<5	2.41	<1	13	57	28	4.19	1.59	30	1.37	2587	8	1.24	31	1720	40	10	<20	560	0.31	<10	117	<10	27	207

ICP: 4 Acid Digest / ICP-AES Finish
Ag: 4 Acid Digest / AA-Finish
JJ/sa/ap
df/td8606s
XLS/08

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Appendix B

Field Notes
Chip & Rock Samples

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
1	HGCTM	5000035	Chip	oc	NAD83_09	6566182.00	461298.00	Switchback/Flat	1 OF 7, FLAT VEIN SECT 1, Strike 055
2	HGCTM	5000037	Chip	oc	NAD83_09	6566181.18	461297.43	Switchback/Flat	2 OF 7, flat vein Sect 1, strike 055
3	HGCTM	5000038	Chip	oc	NAD83_09	6566180.36	461296.85	Switchback/Flat	3 OF 7, flat vein sect 1, strike 055
4	HGCTM	5000039	Chip	oc	NAD83_09	6566179.54	461296.28	Switchback/Flat	4 OF 7, flat vein SECT 1, strike 055
5	HGCTM	5000040	Chip	oc	NAD83_09	6566178.72	461295.71	Switchback/Flat	5 OF 7, flat vein SECT 1 , strike 055
6	HGCTM	5000041	Chip	oc	NAD83_09	6566177.90	461295.13	Switchback/Flat	6 OF 7, flat vein SECT 1 , strike 055
7	HGCTM	5000042	Chip	oc	NAD83_09	6566177.08	461294.56	Switchback/Flat	7 OF 7, flat vein SECT 1 , strike 055
8	HGCTM	5000043	Chip	oc	NAD83_09	6566170.00	461283.00	Switchback/Flat	1 0f 24, flat vein sect 2, strike 014
9	HGCTM	5000044	Chip	oc	NAD83_09	6566169.03	461282.76	Switchback/Flat	2 of 24, flat vein sect 2, strike 014
10	HGCTM	5000045	Chip	oc	NAD83_09	6566168.06	461282.52	Switchback/Flat	3 of 24, flat vein sect 2, strike 014
11	HGCTM	5000046	Chip	oc	NAD83_09	6566167.09	461282.27	Switchback/Flat	4 of 24, flat vein sect 2 , strike 014
12	HGCTM	5000047	Chip	oc	NAD83_09	6566166.12	461282.03	Switchback/Flat	5 of 24, flat vein sect 2 , strike 014
13	HGCTM	5000048	Chip	oc	NAD83_09	6566165.15	461281.79	Switchback/Flat	6 of 24, flat vein sect 2 , strike 014
14	HGCTM	5000049	Chip	oc	NAD83_09	6566164.18	461281.55	Switchback/Flat	7 of 24, flat vein sect 2 , strike 014
15	HGCTM	5000051	Chip	oc	NAD83_09	6566163.21	461281.31	Switchback/Flat	8 of 24 , flat vein sect 2 , strike 014
16	HGCTM	5000052	Chip	oc	NAD83_09	6566162.24	461281.06	Switchback/Flat	9 of 24 flat vein sect 2 strike 014
17	HGCTM	5000053	Chip	oc	NAD83_09	6566161.27	461280.82	Switchback/Flat	10 of 24 , flat vein sect 2 , strike 014
18	HGCTM	5000054	Chip	oc	NAD83_09	6566160.30	461280.58	Switchback/Flat	11 of 24, flat vein sect 2 , strike 014
19	HGCTM	5000055	Chip	oc	NAD83_09	6566159.33	461280.34	Switchback/Flat	12 of 24 flat vein sect 2 , strike 014
20	HGCTM	5000057	Chip	oc	NAD83_09	6566158.36	461280.10	Switchback/Flat	13 of 24 flat vein sect 2 strike 014
21	HGCTM	5000058	Chip	oc	NAD83_09	6566157.39	461279.86	Switchback/Flat	14 of 24 flat vein sect 2 , strike 014
22	HGCTM	5000059	Chip	oc	NAD83_09	6566156.42	461279.61	Switchback/Flat	15 of 24 flat vein sect 2 strike 014
23	HGCTM	5000060	Chip	oc	NAD83_09	6566155.45	461279.37	Switchback/Flat	16 of 24 flat vein sect 2 strike 014
24	HGCTM	5000061	Chip	oc	NAD83_09	6566154.48	461279.13	Switchback/Flat	17 of 24 flat vein sect 2 strike 014
25	HGCTM	5000063	Chip	oc	NAD83_09	6566153.50	461278.89	Switchback/Flat	18 of 24 flat vein sect 2 strike 014
26	HGCTM	5000064	Chip	oc	NAD83_09	6566152.53	461278.65	Switchback/Flat	19 of 24 flat vein sect 2 strike 014
27	HGCTM	5000065	Chip	oc	NAD83_09	6566151.56	461278.40	Switchback/Flat	20 of 24 flat vein sect 2 strike 014
28	HGCTM	5000066	Chip	oc	NAD83_09	6566150.59	461278.16	Switchback/Flat	21 of 24 flat vein sect 2 strike 014
29	HGCTM	5000067	Chip	oc	NAD83_09	6566149.62	461277.92	Switchback/Flat	22 of 24 flat vein sect 2 strike 014
30	HGCTM	5000068	Chip	oc	NAD83_09	6566148.65	461277.68	Switchback/Flat	23 of 24 flat vein sect 2 strike 014
31	HGCTM	5000069	Chip	oc	NAD83_09	6566147.68	461277.44	Switchback/Flat	24 of 24 flat vein sect 2 strike 014
32	HGCTM	5000071	Chip	oc	NAD83_09	6566140.10	461270.04	Switchback/Flat	1 of 138, flat vein sect 3 strike 013
33	HGCTM	5000072	Chip	oc	NAD83_09	6566139.16	461269.70	Switchback/Flat	2 of 138 flat vein sect 3 strike 013
34	HGCTM	5000073	Chip	oc	NAD83_09	6566138.22	461269.36	Switchback/Flat	3 of 138 flat vein sect 3 strike 013
35	HGCTM	5000074	Chip	oc	NAD83_09	6566137.28	461269.02	Switchback/Flat	4 of 138 flat vein sect 3 strike 013
36	HGCTM	5000075	Chip	oc	NAD83_09	6566136.34	461268.68	Switchback/Flat	5 of 138 flat vein sect 3 strike 013
37	HGCTM	5000077	Chip	oc	NAD83_09	6566135.40	461268.33	Switchback/Flat	6 of 138 flat vein sect 3 strike 013
38	HGCTM	5000078	Chip	oc	NAD83_09	6566134.46	461267.99	Switchback/Flat	7 of 138 flat vein sect 3 strike 013
39	HGCTM	5000079	Chip	oc	NAD83_09	6566133.52	461267.65	Switchback/Flat	8 of 138 flat vein sect 3 strike 013
40	HGCTM	5000080	Chip	oc	NAD83_09	6566132.58	461267.31	Switchback/Flat	9 of 138 flat vein sect 3 strike 013
41	HGCTM	5000081	Chip	oc	NAD83_09	6566131.64	461266.97	Switchback/Flat	10 of 138 flat vein sect 3 strike 013 duplicate
42	HGCTM	5000083	Chip	oc	NAD83_09	6566130.70	461266.62	Switchback/Flat	11 of 138 flat vein sect 3 strike 013
43	HGCTM	5000084	Chip	oc	NAD83_09	6566129.76	461266.28	Switchback/Flat	12 of 138 flat vein sect 3 strike 013

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
44	HGCTM	5000085	Chip	oc	NAD83_09	6566128.82	461265.94	Switchback/Flat	13 of 138 flat vein sect 3 strike 013
45	HGCTM	5000086	Chip	oc	NAD83_09	6566127.88	461265.60	Switchback/Flat	14 of 138 flat vein sect 3 strike 013
46	HGCTM	5000087	Chip	oc	NAD83_09	6566126.94	461265.26	Switchback/Flat	15 of 138 flat vein sect 3 strike 013
47	HGCTM	5000088	Chip	oc	NAD83_09	6566126.00	461264.91	Switchback/Flat	16 of 138 flat vein sect 3 strike 013
48	HGCTM	5000089	Chip	oc	NAD83_09	6566125.06	461264.57	Switchback/Flat	17 of 138 flat vein sect 3 strike 013
49	HGCTM	5000091	Chip	oc	NAD83_09	6566124.12	461264.23	Switchback/Flat	18 of 138 flat vein sect 3 strike 013
50	HGCTM	5000092	Chip	oc	NAD83_09	6566123.18	461263.89	Switchback/Flat	19 of 138 flat vein sect 3 strike 013
51	HGCTM	5000093	Chip	oc	NAD83_09	6566122.24	461263.55	Switchback/Flat	20 of 138 flat vein sect 3 strike 013
52	HGCTM	5000094	Chip	oc	NAD83_09	6566121.30	461263.20	Switchback/Flat	21 of 138 flat vein sect 3 strike 013
53	HGCTM	5000095	Chip	oc	NAD83_09	6566120.36	461262.86	Switchback/Flat	22 of 138 flat vein sect 3 strike 013
54	HGCTM	5000097	Chip	oc	NAD83_09	6566119.42	461262.52	Switchback/Flat	23 of 138 flat vein sect 3 strike 013
55	HGCTM	5000098	Chip	oc	NAD83_09	6566118.48	461262.18	Switchback/Flat	24 of 138 flat vein sect 3 strike 013
56	HGCTM	5000099	Chip	oc	NAD83_09	6566117.55	461261.84	Switchback/Flat	25 of 138 flat vein sect 3 strike 013
57	HGCTM	5000100	Chip	oc	NAD83_09	6566116.61	461261.49	Switchback/Flat	26 of 138 flat vein sect 3 strike 013
58	HGCTM	5007231	Chip	oc	NAD83_09	6566115.67	461261.15	Switchback/Flat	27 of 138 flat vein sect 3 strike 013
59	HGCTM	5007232	Chip	oc	NAD83_09	6566114.69	461260.93	Switchback/Flat	28 of 138 flat vein sect 3 strike 013
60	HGCTM	5007233	Chip	oc	NAD83_09	6566113.72	461260.70	Switchback/Flat	29 of 138 flat vein sect 3 strike 013
61	HGCTM	5007234	Chip	oc	NAD83_09	6566112.74	461260.48	Switchback/Flat	30 of 138 flat vein sect 3 strike 013
62	HGCTM	5007235	Chip	oc	NAD83_09	6566111.77	461260.25	Switchback/Flat	31 of 138 flat vein sect 3 strike 013
63	HGCTM	5007237	Chip	oc	NAD83_09	6566110.79	461260.03	Switchback/Flat	32 of 138 flat vein sect 3 strike 013
64	HGCTM	5007238	Chip	oc	NAD83_09	6566109.82	461259.80	Switchback/Flat	33 of 138 flat vein sect 3 strike 013
65	HGCTM	5007239	Chip	oc	NAD83_09	6566108.84	461259.58	Switchback/Flat	34 of 138 flat vein sect 3 strike 013
66	HGCTM	5007240	Chip	oc	NAD83_09	6566107.87	461259.35	Switchback/Flat	35 of 138 flat vein sect 3 strike 013
67	HGCTM	5007241	Chip	oc	NAD83_09	6566106.90	461259.13	Switchback/Flat	36 of 138 flat vein sect 3 strike 013
68	HGCTM	5007243	Chip	oc	NAD83_09	6566105.92	461258.90	Switchback/Flat	37 of 138 flat vein sect 3 strike 013
69	HGCTM	5007244	Chip	oc	NAD83_09	6566104.95	461258.68	Switchback/Flat	38 of 138 flat vein sect 3 strike 013
70	HGCTM	5007245	Chip	oc	NAD83_09	6566103.97	461258.45	Switchback/Flat	39 of 138 flat vein sect 3 strike 013
71	HGCTM	5007246	Chip	oc	NAD83_09	6566103.00	461258.23	Switchback/Flat	40 of 138 flat vein sect 3 strike 013
72	HGCTM	5007247	Chip	oc	NAD83_09	6566102.02	461258.00	Switchback/Flat	41 of 138 flat vein sect 3 strike 013
73	HGCTM	5007248	Chip	oc	NAD83_09	6566101.05	461257.78	Switchback/Flat	42 of 138 flat vein sect 3 strike 013
74	HGCTM	5007249	Chip	oc	NAD83_09	6566100.08	461257.55	Switchback/Flat	43 of 138 flat vein sect 3 strike 013
75	HGCTM	5007251	Chip	oc	NAD83_09	6566099.10	461257.33	Switchback/Flat	44 of 138 flat vein sect 3 strike 013
76	HGCTM	5007252	Chip	oc	NAD83_09	6566098.13	461257.10	Switchback/Flat	45 of 138 flat vein sect 3 strike 013
77	HGCTM	5007253	Chip	oc	NAD83_09	6566097.15	461256.88	Switchback/Flat	46 of 138 flat vein sect 3 strike 013
78	HGCTM	5007254	Chip	oc	NAD83_09	6566096.18	461256.65	Switchback/Flat	47 of 138 flat vein sect 3 strike 013
79	HGCTM	5007255	Chip	oc	NAD83_09	6566095.20	461256.43	Switchback/Flat	48 of 138 flat vein sect 3 strike 013
80	HGCTM	5007257	Chip	oc	NAD83_09	6566094.23	461256.20	Switchback/Flat	49 of 138 flat vein sect 3 strike 013
81	HGCTM	5007258	Chip	oc	NAD83_09	6566093.25	461255.98	Switchback/Flat	50 of 138 flat vein sect 3 strike 013
82	HGCTM	5007259	Chip	oc	NAD83_09	6566092.28	461255.75	Switchback/Flat	51 of 138 flat vein sect 3 strike 013
83	HGCTM	5007260	Chip	oc	NAD83_09	6566091.31	461255.53	Switchback/Flat	52 of 138 flat vein sect 3 strike 013
84	HGCTM	5007261	Chip	oc	NAD83_09	6566090.33	461255.30	Switchback/Flat	53 of 138 flat vein sect 3 strike 013
85	HGCTM	5007263	Chip	oc	NAD83_09	6566089.36	461255.08	Switchback/Flat	54 of 138 flat vein sect 3 strike 013
86	HGCTM	5007264	Chip	oc	NAD83_09	6566088.38	461254.85	Switchback/Flat	55 of 138 flat vein sect 3 strike 013

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
87	HGCTM	5007265	Chip	oc	NAD83_09	6566087.41	461254.63	Switchback/Flat	56 of 138 flat vein sect 3 strike 013
88	HGCTM	5007266	Chip	oc	NAD83_09	6566086.43	461254.40	Switchback/Flat	57 of 138 flat vein sect 3 strike 013
89	HGCTM	5007267	Chip	oc	NAD83_09	6566085.46	461254.18	Switchback/Flat	58 of 138 flat vein sect 3 strike 013
90	HGCTM	5007268	Chip	oc	NAD83_09	6566084.48	461253.95	Switchback/Flat	59 of 138 flat vein sect 3 strike 013
91	HGCTM	5007269	Chip	oc	NAD83_09	6566083.62	461253.45	Switchback/Flat	60 of 138 flat vein sect 3 strike 013
92	HGCTM	5007271	Chip	oc	NAD83_09	6566082.75	461252.95	Switchback/Flat	61 of 138 flat vein sect 3 strike 013
93	HGCTM	5007272	Chip	oc	NAD83_09	6566081.89	461252.45	Switchback/Flat	62 of 138 flat vein sect 3 strike 013
94	HGCTM	5007273	Chip	oc	NAD83_09	6566081.02	461251.95	Switchback/Flat	63 of 138 flat vein sect 3 strike 013
95	HGCTM	5007274	Chip	oc	NAD83_09	6566080.15	461251.45	Switchback/Flat	64 of 138 flat vein sect 3 strike 013
96	HGCTM	5007275	Chip	oc	NAD83_09	6566079.29	461250.95	Switchback/Flat	65 of 138 flat vein sect 3 strike 013
97	HGCTM	5007277	Chip	oc	NAD83_09	6566078.42	461250.45	Switchback/Flat	66 of 138 flat vein sect 3 strike 013
98	HGCTM	5007278	Chip	oc	NAD83_09	6566077.56	461249.95	Switchback/Flat	67 of 138 flat vein sect 3 strike 013
99	HGCTM	5007279	Chip	oc	NAD83_09	6566076.69	461249.45	Switchback/Flat	68 of 138 flat vein sect 3 strike 013
100	HGCTM	5007280	Chip	oc	NAD83_09	6566075.82	461248.95	Switchback/Flat	69 of 138 flat vein sect 3 strike 013
101	HGCTM	5007281	Chip	oc	NAD83_09	6566074.96	461248.45	Switchback/Flat	70 of 138 flat vein sect 3 strike 013
102	HGCTM	5007283	Chip	oc	NAD83_09	6566074.09	461247.95	Switchback/Flat	71 of 138 flat vein sect 3 strike 013
103	HGCTM	5007284	Chip	oc	NAD83_09	6566073.23	461247.45	Switchback/Flat	72 of 138 flat vein sect 3 strike 013
104	HGCTM	5007285	Chip	oc	NAD83_09	6566072.36	461246.95	Switchback/Flat	73 of 138 flat vein sect 3 strike 013
105	HGCTM	5007286	Chip	oc	NAD83_09	6566071.49	461246.45	Switchback/Flat	74 of 138 flat vein sect 3 strike 013
106	HGCTM	5007287	Chip	oc	NAD83_09	6566070.63	461245.95	Switchback/Flat	75 of 138 flat vein sect 3 strike 013
107	HGCTM	5007288	Chip	oc	NAD83_09	6566069.76	461245.45	Switchback/Flat	76 of 138 flat vein sect 3 strike 013
108	HGCTM	5007289	Chip	oc	NAD83_09	6566068.90	461244.95	Switchback/Flat	77 of 138 flat vein sect 3 strike 013
109	HGCTM	5007291	Chip	oc	NAD83_09	6566068.03	461244.45	Switchback/Flat	78 of 138 flat vein sect 3 strike 013
110	HGCTM	5007292	Chip	oc	NAD83_09	6566067.16	461243.95	Switchback/Flat	79 of 138 flat vein sect 3 strike 013
111	HGCTM	5007293	Chip	oc	NAD83_09	6566066.30	461243.45	Switchback/Flat	80 of 138 flat vein sect 3 strike 013
112	HGCTM	5007294	Chip	oc	NAD83_09	6566065.43	461242.95	Switchback/Flat	81 of 138 flat vein sect 3 strike 013
113	HGCTM	5007295	Chip	oc	NAD83_09	6566064.57	461242.45	Switchback/Flat	82 of 138 flat vein sect 3 strike 013
114	HGCTM	5007297	Chip	oc	NAD83_09	6566063.70	461241.95	Switchback/Flat	83 of 138 flat vein sect 3 strike 013
115	HGCTM	5007298	Chip	oc	NAD83_09	6566062.83	461241.45	Switchback/Flat	84 of 138 flat vein sect 3 strike 013
116	HGCTM	5007299	Chip	oc	NAD83_09	6566061.97	461240.95	Switchback/Flat	85 of 138 flat vein sect 3 strike 013
117	HGCTM	5007300	Chip	oc	NAD83_09	6566061.10	461240.45	Switchback/Flat	86 of 138 flat vein sect 3 strike 013
118	HGCTM	5007301	Chip	oc	NAD83_09	6566060.24	461239.95	Switchback/Flat	87 of 138 flat vein sect 3 strike 013
119	HGCTM	5007303	Chip	oc	NAD83_09	6566059.37	461239.45	Switchback/Flat	88 of 138 flat vein sect 3 strike 013
120	HGCTM	5007304	Chip	oc	NAD83_09	6566058.50	461238.95	Switchback/Flat	89 of 138 flat vein sect 3 strike 013
121	HGCTM	5007305	Chip	oc	NAD83_09	6566057.64	461238.45	Switchback/Flat	90 of 138 flat vein sect 3 strike 013
122	HGCTM	5007306	Chip	oc	NAD83_09	6566056.77	461237.95	Switchback/Flat	91 of 138 flat vein sect 3 strike 013
123	HGCTM	5007307	Chip	oc	NAD83_09	6566056.27	461237.09	Switchback/Flat	92 of 138 flat vein sect 3 strike 013
124	HGCTM	5007308	Chip	oc	NAD83_09	6566055.77	461236.22	Switchback/Flat	93 of 138 flat vein sect 3 strike 013
125	HGCTM	5007309	Chip	oc	NAD83_09	6566055.27	461235.35	Switchback/Flat	94 of 138 flat vein sect 3 strike 013
126	HGCTM	5007311	Chip	oc	NAD83_09	6566054.77	461234.49	Switchback/Flat	95 of 138 flat vein sect 3 strike 013
127	HGCTM	5007312	Chip	oc	NAD83_09	6566054.27	461233.62	Switchback/Flat	96 of 138 flat vein sect 3 strike 013
128	HGCTM	5007313	Chip	oc	NAD83_09	6566053.77	461232.76	Switchback/Flat	97 of 138 flat vein sect 3 strike 013
129	HGCTM	5007314	Chip	oc	NAD83_09	6566053.27	461231.89	Switchback/Flat	98 of 138 flat vein sect 3 strike 013

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
130	HGCTM	5007315	Chip	oc	NAD83_09	6566052.77	461231.02	Switchback/Flat	99 of 138 flat vein sect 3 strike 013
131	HGCTM	5007317	Chip	oc	NAD83_09	6566052.27	461230.16	Switchback/Flat	100 of 138 flat vein sect 3 strike 013
132	HGCTM	5007318	Chip	oc	NAD83_09	6566051.77	461229.29	Switchback/Flat	101 of 138 flat vein sect 3 strike 013
133	HGCTM	5007319	Chip	oc	NAD83_09	6566051.27	461228.43	Switchback/Flat	102 of 138 flat vein sect 3 strike 013
134	HGCTM	5007320	Chip	oc	NAD83_09	6566050.77	461227.56	Switchback/Flat	103 of 138 flat vein sect 3 strike 013
135	HGCTM	5007321	Chip	oc	NAD83_09	6566050.27	461226.69	Switchback/Flat	104 of 138 flat vein sect 3 strike 013
136	HGCTM	5007323	Chip	oc	NAD83_09	6566049.77	461225.83	Switchback/Flat	105 of 138 flat vein sect 3 strike 013
137	HGCTM	5007324	Chip	oc	NAD83_09	6566049.27	461224.96	Switchback/Flat	106 of 138 flat vein sect 3 strike 013
138	HGCTM	5007325	Chip	oc	NAD83_09	6566048.77	461224.10	Switchback/Flat	107 of 138 flat vein sect 3 strike 013
139	HGCTM	5007326	Chip	oc	NAD83_09	6566048.27	461223.23	Switchback/Flat	108 of 138 flat vein sect 3 strike 013
140	HGCTM	5007327	Chip	oc	NAD83_09	6566047.77	461222.36	Switchback/Flat	109 of 138 flat vein sect 3 strike 013
141	HGCTM	5007328	Chip	oc	NAD83_09	6566047.27	461221.50	Switchback/Flat	110 of 138 flat vein sect 3 strike 013
142	HGCTM	5007329	Chip	oc	NAD83_09	6566046.77	461220.63	Switchback/Flat	111 of 138 flat vein sect 3 strike 013
143	HGCTM	5007331	Chip	oc	NAD83_09	6566046.27	461219.77	Switchback/Flat	112 of 138 flat vein sect 3 strike 013
144	HGCTM	5007332	Chip	oc	NAD83_09	6566045.77	461218.90	Switchback/Flat	113 of 138 flat vein sect 3 strike 013
145	HGCTM	5007333	Chip	oc	NAD83_09	6566045.27	461218.03	Switchback/Flat	114 of 138 flat vein sect 3 strike 013
146	HGCTM	5007334	Chip	oc	NAD83_09	6566044.77	461217.17	Switchback/Flat	115 of 138 flat vein sect 3 strike 013
147	HGCTM	5007335	Chip	oc	NAD83_09	6566044.27	461216.30	Switchback/Flat	116 of 138 flat vein sect 3 strike 013
148	HGCTM	5007337	Chip	oc	NAD83_09	6566043.77	461215.44	Switchback/Flat	117 of 138 flat vein sect 3 strike 013
149	HGCTM	5007338	Chip	oc	NAD83_09	6566043.27	461214.57	Switchback/Flat	118 of 138 flat vein sect 3 strike 013
150	HGCTM	5007339	Chip	oc	NAD83_09	6566042.77	461213.70	Switchback/Flat	119 of 138 flat vein sect 3 strike 013
151	HGCTM	5007340	Chip	oc	NAD83_09	6566042.27	461212.84	Switchback/Flat	120 of 138 flat vein sect 3 strike 013
152	HGCTM	5007341	Chip	oc	NAD83_09	6566041.77	461211.97	Switchback/Flat	121 of 138 flat vein sect 3 strike 013
153	HGCTM	5007343	Chip	oc	NAD83_09	6566041.27	461211.11	Switchback/Flat	122 of 138 flat vein sect 3 strike 013
154	HGCTM	5007344	Chip	oc	NAD83_09	6566040.77	461210.24	Switchback/Flat	123 of 138 flat vein sect 3 strike 013
155	HGCTM	5007345	Chip	oc	NAD83_09	6566040.27	461209.37	Switchback/Flat	124 of 138 flat vein sect 3 strike 013
156	HGCTM	5007346	Chip	oc	NAD83_09	6566039.77	461208.51	Switchback/Flat	125 of 138 flat vein sect 3 strike 013
157	HGCTM	5007347	Chip	oc	NAD83_09	6566039.27	461207.64	Switchback/Flat	126 of 138 flat vein sect 3 strike 013
158	HGCTM	5007348	Chip	oc	NAD83_09	6566038.77	461206.78	Switchback/Flat	127 of 138 flat vein sect 3 strike 013
159	HGCTM	5007349	Chip	oc	NAD83_09	6566038.27	461205.91	Switchback/Flat	128 of 138 flat vein sect 3 strike 013
160	HGCTM	5007351	Chip	oc	NAD83_09	6566037.77	461205.04	Switchback/Flat	129 of 138 flat vein sect 3 strike 013
161	HGCTM	5007352	Chip	oc	NAD83_09	6566037.27	461204.18	Switchback/Flat	130 of 138 flat vein sect 3 strike 013
162	HGCTM	5007353	Chip	oc	NAD83_09	6566036.77	461203.31	Switchback/Flat	131 of 138 flat vein sect 3 strike 013
163	HGCTM	5007354	Chip	oc	NAD83_09	6566036.27	461202.45	Switchback/Flat	132 of 138 flat vein sect 3 strike 013
164	HGCTM	5007355	Chip	oc	NAD83_09	6566035.77	461201.58	Switchback/Flat	133 of 138 flat vein sect 3 strike 013
165	HGCTM	5007357	Chip	oc	NAD83_09	6566035.27	461200.71	Switchback/Flat	134 of 138 flat vein sect 3 strike 013
166	HGCTM	5007358	Chip	oc	NAD83_09	6566034.77	461199.85	Switchback/Flat	135 of 138 flat vein sect 3 strike 013
167	HGCTM	5007359	Chip	oc	NAD83_09	6566034.27	461198.98	Switchback/Flat	136 of 138 flat vein sect 3 strike 013
168	HGCTM	5007360	Chip	oc	NAD83_09	6566033.77	461198.12	Switchback/Flat	137 of 138 flat vein sect 3 strike 013
169	HGCTM	5007361	Chip	oc	NAD83_09	6566033.27	461197.25	Switchback/Flat	138 of 138 flat vein sect 3 strike 013
170	HGCTM	5000301	Rock	oc	NAD83_09	6564191.00	461970.00	Jenny's Revenge	rock sample; Jennie's Revenge
171	HGCTM	5000302	Rock	oc	NAD83_09	6564191.00	461970.00	Jenny's Revenge	rock sample; Jennie's Revenge
172	HGCTM	5000303	Rock	oc	NAD83_09	6564191.00	461970.00	Jenny's Revenge	rock sample; Jennie's Revenge

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
173	HGCTM	5000304	Rock	oc	NAD83_09	6564191.00	461970.00	Jenny's Revenge	rock sample; Jennie's Revenge
174	HGCTM	5000101	Chip	oc	NAD83_09	6565838.00	461471.00	Unknown Vein	1 OF 10, STRIKE 090
175	HGCTM	5000102	Chip	oc	NAD83_09	6565838.00	461472.00	Unknown Vein	2 OF 10, STRIKE 090
176	HGCTM	5000103	Chip	oc	NAD83_09	6565838.00	461473.00	Unknown Vein	3 OF 10, STRIKE 090
177	HGCTM	5000104	Chip	oc	NAD83_09	6565838.00	461474.00	Unknown Vein	4 OF 10, STRIKE 090
178	HGCTM	5000105	Chip	oc	NAD83_09	6565838.00	461475.00	Unknown Vein	5 OF 10 , STRIKE 090
179	HGCTM	5000106	Chip	oc	NAD83_09	6565838.00	461476.00	Unknown Vein	6 OF 10 , STRIKE 090
180	HGCTM	5000107	Chip	oc	NAD83_09	6565838.00	461477.00	Unknown Vein	7 OF 10 , STRIKE 090
181	HGCTM	5000108	Chip	oc	NAD83_09	6565838.00	461478.00	Unknown Vein	8 OF 10 STRIKE 090
182	HGCTM	5000109	Chip	oc	NAD83_09	6565838.00	461479.00	Unknown Vein	9 OF 10 , STRIKE 090
183	HGCTM	5000110	Chip	oc	NAD83_09	6565838.00	461480.00	Unknown Vein	10 OF 10 , STRIKE 090
184	HGCTM	5000111	Chip	oc	NAD83_09	6566890.00	461484.00	Smile	1/3 rock/grab samples from smiile pile
185	HGCTM	5000112	Chip	oc	NAD83_09	6566890.00	461484.00	Smile	2/3 rock grab samples from smile pile
186	HGCTM	5000113	Chip	sc	NAD83_09	6566890.00	461484.00	Smile	3/3 rock grab samples from smiile pile
187	HGCTM	5000201	Chip	oc	NAD83_09	6566912.65	461487.99	Smile	23 OF 23, STRIKE 010, SMILE VEIN
188	HGCTM	5000202	Chip	oc	NAD83_09	6566911.67	461487.82	Smile	22 OF 23, STRIKE 010, SMILE VEIN
189	HGCTM	5000203	Chip	oc	NAD83_09	6566910.68	461487.65	Smile	21/23, STRIKE 010, SMILE VEIN
190	HGCTM	5000208	Chip	oc	NAD83_09	6566909.70	461487.47	Smile	20/23, STRIKE 010, SMILE VEIN
191	HGCTM	5000209	Chip	oc	NAD83_09	6566908.71	461487.30	Smile	19/23, STRIKE 010, SMILE VEIN
192	HGCTM	5000210	Chip	oc	NAD83_09	6566907.73	461487.12	Smile	18/23, STRIKE 010, SMILE VEIN
193	HGCTM	5000211	Chip	oc	NAD83_09	6566906.74	461486.95	Smile	17/23, STRIKE 010, SMILE VEIN
194	HGCTM	5000212	Chip	oc	NAD83_09	6566905.76	461486.78	Smile	16/23, STRIKE 010, SMILE VEIN
195	HGCTM	5000213	Chip	oc	NAD83_09	6566904.77	461486.60	Smile	17/23, STRIKE 010, SMILE VEIN
196	HGCTM	5000214	Chip	oc	NAD83_09	6566903.79	461486.43	Smile	15/23, STRIKE 010, SMILE VEIN
197	HGCTM	5000215	Chip	oc	NAD83_09	6566902.80	461486.26	Smile	14/23, STRIKE 010, SMILE VEIN
198	HGCTM	5000216	Chip	oc	NAD83_09	6566901.82	461486.08	Smile	13/23, STRIKE 010, SMILE VEIN
199	HGCTM	5000217	Chip	oc	NAD83_09	6566900.83	461485.91	Smile	12/23, STRIKE 010, SMILE VEIN
200	HGCTM	5000218	Chip	oc	NAD83_09	6566899.85	461485.74	Smile	11/23, STRIKE 010, SMILE VEIN
201	HGCTM	5000219	Chip	oc	NAD83_09	6566898.86	461485.56	Smile	10/23, STRIKE 010, SMILE VEIN
202	HGCTM	5000220	Chip	oc	NAD83_09	6566897.88	461485.39	Smile	9/23, STRIKE 010, SMILE VEIN
203	HGCTM	5000221	Chip	oc	NAD83_09	6566896.89	461485.22	Smile	8/23 , STRIKE 010, SMILE VEIN
204	HGCTM	5000222	Chip	oc	NAD83_09	6566895.91	461485.04	Smile	7/23, STRIKE 010, SMILE VEIN
205	HGCTM	5000223	Chip	oc	NAD83_09	6566894.92	461484.87	Smile	6/23, STRIKE 010, SMILE VEIN
206	HGCTM	5000224	Chip	oc	NAD83_09	6566893.94	461484.69	Smile	5/23, STRIKE 010, SMILE VEIN
207	HGCTM	5000225	Chip	oc	NAD83_09	6566892.95	461484.52	Smile	4/23, STRIKE 010, SMILE VEIN
208	HGCTM	5000226	Chip	oc	NAD83_09	6566891.97	461484.35	Smile	3/23, STRIKE 010, SMILE VEIN
209	HGCTM	5000227	Chip	oc	NAD83_09	6566890.98	461484.17	Smile	2/23, STRIKE 010, SMILE VEIN
210	HGCTM	5000228	Chip	oc	NAD83_09	6566890.00	461484.00	Smile	1/23, STRIKE 010, SMILE VEIN
211	HGCTM	5000229	Chip	oc	NAD83_09	6566778.00	461470.00	Goldhill	Goldhill Vn_1\16, chip sample_AZ 002
212	HGCTM	5000230	Chip	oc	NAD83_09	6566777.00	461469.97	Goldhill	Goldhill Vn_2\16, chip sample_AZ 002
213	HGCTM	5000231	Chip	oc	NAD83_09	6566776.00	461469.93	Goldhill	Goldhill Vn_3\16, chip sample_AZ 002
214	HGCTM	5000232	Chip	oc	NAD83_09	6566775.00	461469.90	Goldhill	Goldhill Vn_4\16, chip sample_AZ 002
215	HGCTM	5000233	Chip	oc	NAD83_09	6566774.00	461469.86	Goldhill	Goldhill Vn_5\16, chip sample_AZ 002

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
216	HGCTM	5000234	Chip	oc	NAD83_09	6566773.00	461469.83	Goldhill	Goldhill Vn_6\16, chip sample_AZ 002
217	HGCTM	5000235	Chip	oc	NAD83_09	6566772.00	461469.79	Goldhill	Goldhill Vn_7 \ 16, chip sample_AZ 002
218	HGCTM	5000236	Chip	oc	NAD83_09	6566771.00	461469.76	Goldhill	Goldhill Vn_8\16, chip sample_AZ 002
219	HGCTM	5000237	Chip	oc	NAD83_09	6566770.00	461469.72	Goldhill	Goldhill Vn_9\16, chip sample_AZ 002
220	HGCTM	5000238	Chip	oc	NAD83_09	6566769.01	461469.69	Goldhill	Goldhill Vn_10/16, chip sample_AZ 002
221	HGCTM	5000239	Chip	oc	NAD83_09	6566768.01	461469.65	Goldhill	Goldhill Vn_11\16, chip sample_AZ 002
222	HGCTM	5000240	Chip	oc	NAD83_09	6566767.01	461469.62	Goldhill	Goldhill Vn_12\16, chip sample_AZ 002
223	HGCTM	5000241	Chip	oc	NAD83_09	6566766.01	461469.58	Goldhill	Goldhill Vn_13\16, chip sample_AZ 002
224	HGCTM	5000242	Chip	oc	NAD83_09	6566765.01	461469.55	Goldhill	Goldhill Vn_14\16, chip sample_AZ 002
225	HGCTM	5000243	Chip	oc	NAD83_09	6566764.01	461469.51	Goldhill	Goldhill Vn_15\16, chip sample_AZ 002
226	HGCTM	5000244	Chip	oc	NAD83_09	6566763.01	461469.48	Goldhill	Goldhill Vn_16\16, chip sample_AZ 002
227	HGCTM	5000006	Chip	oc	NAD83_09	6567249.00	462149.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 2/7m
228	HGCTM	5000007	Chip	oc	NAD83_09	6567249.00	462153.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 3/7m
229	HGCTM	5000008	Chip	oc	NAD83_09	6567252.00	462155.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 4/7m
230	HGCTM	5000009	Chip	oc	NAD83_09	6567253.00	462156.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 5/7m
231	HGCTM	5000010	Chip	oc	NAD83_09	6567250.00	462150.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 6/7m
232	HGCTM	5000011	Chip	oc	NAD83_09	6567254.00	462154.00	Lakeview	LAKEVIEW. AZI:090, SAMPLE 7/7m
233	HGCTM	5000002	Chip	oc	NAD83_09	6567249.00	462149.00	Lakeview	LAKEVIEW. AZI: 090, SAMPLE 1/7m
234	HGCTM	5000012	Chip	oc	NAD83_09	6567170.00	462687.00	Davis	DAVIS. AZI:075, SAMPLE 1/16m
235	HGCTM	5000013	Chip	oc	NAD83_09	6567170.00	462690.00	Davis	DAVIS. AZI:075, SAMPLE 2/16m
236	HGCTM	5000014	Chip	oc	NAD83_09	6567162.00	462691.00	Davis	DAVIS. AZI:075, SAMPLE 3/16m
237	HGCTM	5000015	Chip	oc	NAD83_09	6567169.00	462696.00	Davis	DAVIS. AZI:075, SAMPLE 4/16m
238	HGCTM	5000016	Chip	oc	NAD83_09	6567166.00	462696.00	Davis	DAVIS. AZI:075, SAMPLE 5/16m
239	HGCTM	5000017	Chip	oc	NAD83_09	6567168.00	462697.00	Davis	DAVIS. AZI:075, SAMPLE 6/16m
240	HGCTM	5000018	Chip	oc	NAD83_09	6567166.00	462698.00	Davis	DAVIS. AZI:075, SAMPLE 7/16m
241	HGCTM	5000019	Chip	oc	NAD83_09	6567166.00	462698.00	Davis	DAVIS. AZI:075, SAMPLE 8/16m
242	HGCTM	5000020	Chip	oc	NAD83_09	6567171.00	462698.00	Davis	DAVIS. AZI:075, SAMPLE 9/16m
243	HGCTM	5000021	Chip	oc	NAD83_09	6567169.00	462698.00	Davis	DAVIS. AZI:075, SAMPLE 10/16m
244	HGCTM	5000022	Chip	oc	NAD83_09	6567165.00	462703.00	Davis	DAVIS. AZI:075, SAMPLE 11/16m
245	HGCTM	5000023	Chip	oc	NAD83_09	6567168.00	462702.00	Davis	DAVIS. AZI:075, SAMPLE 12/16m
246	HGCTM	5000024	Chip	oc	NAD83_09	6567169.00	462701.00	Davis	DAVIS. AZI:075, SAMPLE 13/16m
247	HGCTM	5000025	Chip	oc	NAD83_09	6567169.00	462701.00	Davis	DAVIS. AZI:075, SAMPLE 14/16m
248	HGCTM	5000026	Chip	oc	NAD83_09	6567172.00	462703.00	Davis	DAVIS. AZI:075, SAMPLE 15/16m
249	HGCTM	5000027	Chip	oc	NAD83_09	6567173.00	462702.00	Davis	DAVIS. AZI:075, SAMPLE 16/16m
250	HGCTM	5000028	Chip	oc	NAD83_09	6567231.00	462473.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 1/7m
251	HGCTM	5000029	Chip	oc	NAD83_09	6567225.00	462477.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 2/7m
252	HGCTM	5000030	Chip	oc	NAD83_09	6567229.00	462471.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 3/7m
253	HGCTM	5000031	Chip	oc	NAD83_09	6567230.00	462477.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 4/7m
254	HGCTM	5000032	Chip	oc	NAD83_09	6567234.00	462475.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 5/7m
255	HGCTM	5000033	Chip	oc	NAD83_09	6567231.00	462478.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 6/7m
256	HGCTM	5000034	Chip	oc	NAD83_09	6567233.00	462474.00	Porcupine	PORCUPINE. AZI:076, SAMPLE 7/7m
257	HGCTM	5000005	Rock	oc	NAD83_09	6561757.00	460763.00	Cominco	rock sample; Cominco vein
258	HGCTM	5000003	Rock	oc	NAD83_09	6561364.00	461053.00	Cusac Area	rock sample; qtz boulder Eileen/Prosser

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
259	HGCTM	5000004	Rock	oc	NAD83_09	6561512.00	460996.00	Fred	rock sample; Fred vein
260	HGCTM	5000249	Chip	oc	NAD83_09	6561984.00	459950.00	GAP	lineation strike 324
261	HGCTM	5000251	Rock	oc	NAD83_09	6562104.00	465032.00	Hunter	Whole Rock.Hunter group, euhedral augite, olivine, hornblende
262	HGCTM	5006006	Chip	oc	NAD83_09	6562763.00	463464.00	Jade	Chip basalt and argillite contact with qtz vein 215/50 argillite 355/60 vein trends along contact; stn no. 08IS028 : Chip
263	HGCTM	5000254	Chip	oc	NAD83_09	6566312.00	460859.00	McDame Creek	Chip sample qtz vein near switchback in trench, graphite veining
264	HGCTM	5000520	Rock	oc	NAD83_09	6566564.00	459645.00	McDame Creek	rock sample;
265	HGCTM	5000245	Rock	oc	NAD83_09	6562892.00	460589.00	Sky	rock sample; from fault near sky vein south offset/5v
266	HGCTM	5000248	Chip	oc	NAD83_09	6562965.00	461162.00	Sky	chip sample; argillite near listwanite contact
267	HGCTM	5000252	Rock	oc	NAD83_09	6563169.00	460138.00	Sky	medium grained carbonate altered mafic dyke, foliation ll to contact 080/90
268	HGCTM	5000501	Rock	oc	NAD83_09	6563364.00	459593.00	Sky	rock sample
269	HGCTM	5000517	Rock	oc	NAD83_09	6566004.00	461136.00	Switchback	rock sample
270	HGCTM	5000246	Chip	oc	NAD83_09	6563641.00	462726.00	Vollaug	chip sample; vollaug listwanite
271	HGCTM	5000247	Chip	oc	NAD83_09	6563641.00	462726.00	Vollaug	chip sample; vollaug listwanite contact
272	HGCTM	5000001	Rock	oc	NAD83_09	6561217.00	460836.00	East West	rock sample; at E-W VEIN
273	HGCTM	5007363	Chip	oc	NAD83_09	6561219.00	460839.00	East West	1 OF 57, STRIKE 285, East West Vein
274	HGCTM	5007364	Chip	oc	NAD83_09	6561219.26	460838.03	East West	2 OF 57, Strike 285 East West Vein
275	HGCTM	5007365	Chip	oc	NAD83_09	6561219.52	460837.07	East West	3 OF 57 Strike 285 East West Vein
276	HGCTM	5007366	Chip	oc	NAD83_09	6561219.78	460836.10	East West	4 OF 57 Strike 285 East West Vein
277	HGCTM	5007367	Chip	oc	NAD83_09	6561220.04	460835.14	East West	5 OF 57 Strike 285 East West Vein
278	HGCTM	5007368	Chip	oc	NAD83_09	6561220.29	460834.17	East West	6 OF 57 Strike 285 East West Vein
279	HGCTM	5007369	Chip	oc	NAD83_09	6561220.55	460833.20	East West	7 OF 57, Strike 285 East West Vein
280	HGCTM	5007371	Chip	oc	NAD83_09	6561220.81	460832.24	East West	8 OF 57 Strike 285 East West Vein
281	HGCTM	5007372	Chip	oc	NAD83_09	6561221.07	460831.27	East West	9 OF 57 Strike 285 East West Vein
282	HGCTM	5007373	Chip	oc	NAD83_09	6561221.33	460830.31	East West	10 OF 57 Strike 285 East West Vein
283	HGCTM	5007374	Chip	oc	NAD83_09	6561221.59	460829.34	East West	11 of 57 Strike 285 East West Vein
284	HGCTM	5007375	Chip	oc	NAD83_09	6561221.85	460828.38	East West	12 of 57 Strike 285 East West Vein
285	HGCTM	5007377	Chip	oc	NAD83_09	6561222.11	460827.41	East West	13 of 57 Strike 285 East West Vein
286	HGCTM	5007378	Chip	oc	NAD83_09	6561222.36	460826.44	East West	14 of 57 Strike 285 East West Vein
287	HGCTM	5007379	Chip	oc	NAD83_09	6561220.00	460796.00	East West	15 of 57 Strike 285 East West Vein
288	HGCTM	5007380	Chip	oc	NAD83_09	6561220.26	460795.03	East West	16 of 57 Strike 285 East West Vein
289	HGCTM	5007381	Chip	oc	NAD83_09	6561220.52	460794.07	East West	17 of 57 Strike 285 East West Vein
290	HGCTM	5007383	Chip	oc	NAD83_09	6561220.78	460793.10	East West	18 of 57 Strike 285 East West Vein
291	HGCTM	5007384	Chip	oc	NAD83_09	6561221.04	460792.14	East West	19 of 57 Strike 285 East West Vein
292	HGCTM	5007385	Chip	oc	NAD83_09	6561221.29	460791.17	East West	20 of 57 Strike 285 East West Vein
293	HGCTM	5007386	Chip	oc	NAD83_09	6561221.55	460790.20	East West	21 of 57 Strike 285 East West Vein
294	HGCTM	5007387	Chip	oc	NAD83_09	6561221.81	460789.24	East West	22 of 57 Strike 285 East West Vein
295	HGCTM	5007388	Chip	oc	NAD83_09	6561222.07	460788.27	East West	23 of 57 Strike 285 East West Vein
296	HGCTM	5007389	Chip	oc	NAD83_09	6561222.33	460787.31	East West	24 of 57 Strike 285 East West Vein
297	HGCTM	5007391	Chip	oc	NAD83_09	6561222.59	460786.34	East West	25 of 57 Strike 285 East West Vein
298	HGCTM	5007392	Chip	oc	NAD83_09	6561222.85	460785.38	East West	26 of 57 Strike 285 East West Vein
299	HGCTM	5007393	Chip	oc	NAD83_09	6561223.11	460784.41	East West	27 of 57 Strike 285 East West Vein

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
300	HGCTM	5007394	Chip	oc	NAD83_09	6561223.36	460783.44	East West	28 of 57 Strike 285 East West Vein
301	HGCTM	5007395	Chip	oc	NAD83_09	6561223.62	460782.48	East West	29 of 57 Strike 285 East West Vein
302	HGCTM	5007397	Chip	oc	NAD83_09	6561223.88	460781.51	East West	30 of 57 Strike 285 East West Vein
303	HGCTM	5007398	Chip	oc	NAD83_09	6561224.14	460780.55	East West	31 of 57 Strike 285 East West Vein
304	HGCTM	5007399	Chip	oc	NAD83_09	6561224.40	460779.58	East West	32 of 57 Strike 285 East West Vein
305	HGCTM	5007400	Chip	oc	NAD83_09	6561224.66	460778.61	East West	33 of 57 Strike 285 East West Vein
306	HGCTM	5007401	Chip	oc	NAD83_09	6561224.92	460777.65	East West	34 of 57 Strike 285 East West Vein
307	HGCTM	5007403	Chip	oc	NAD83_09	6561225.18	460776.68	East West	35 of 57 Strike 285 East West Vein
308	HGCTM	5007404	Chip	oc	NAD83_09	6561225.43	460775.72	East West	36 of 57 Strike 285 East West Vein
309	HGCTM	5007405	Chip	oc	NAD83_09	6561218.00	460754.00	East West	37 of 57 Strike 285 East West Vein
310	HGCTM	5007406	Chip	oc	NAD83_09	6561218.26	460753.03	East West	38 of 57 Strike 285 East West Vein
311	HGCTM	5007407	Chip	oc	NAD83_09	6561218.52	460752.07	East West	39 of 57 Strike 285 East West Vein
312	HGCTM	5007408	Chip	oc	NAD83_09	6561218.78	460751.10	East West	40 of 57 Strike 285 East West Vein
313	HGCTM	5007409	Chip	oc	NAD83_09	6561219.04	460750.14	East West	41 of 57 Strike 285 East West Vein
314	HGCTM	5007411	Chip	oc	NAD83_09	6561219.29	460749.17	East West	42 of 57 Strike 285 East West Vein
315	HGCTM	5007412	Chip	oc	NAD83_09	6561219.55	460748.20	East West	43 of 57 Strike 285 East West Vein
316	HGCTM	5007413	Chip	oc	NAD83_09	6561219.81	460747.24	East West	44 of 57 Strike 285 East West Vein
317	HGCTM	5007414	Chip	oc	NAD83_09	6561220.07	460746.27	East West	45 of 57 Strike 285 East West Vein
318	HGCTM	5007415	Chip	oc	NAD83_09	6561220.33	460745.31	East West	46 of 57 Strike 285 East West Vein
319	HGCTM	5007417	Chip	oc	NAD83_09	6561220.59	460744.34	East West	47 of 57 Strike 285 East West Vein
320	HGCTM	5007418	Chip	oc	NAD83_09	6561220.85	460743.38	East West	48 of 57 Strike 285 East West Vein
321	HGCTM	5007419	Chip	oc	NAD83_09	6561221.11	460742.41	East West	49 of 57 Strike 285 East West Vein
322	HGCTM	5007420	Chip	oc	NAD83_09	6561221.36	460741.44	East West	50 of 57 Strike 285 East West Vein
323	HGCTM	5007421	Chip	oc	NAD83_09	6561221.62	460740.48	East West	51 of 57 Strike 285 East West Vein
324	HGCTM	5007423	Chip	oc	NAD83_09	6561221.88	460739.51	East West	52 of 57 Strike 285 East West Vein
325	HGCTM	5007424	Chip	oc	NAD83_09	6561222.14	460738.55	East West	53 of 57 Strike 285 East West Vein
326	HGCTM	5007425	Chip	oc	NAD83_09	6561222.40	460737.58	East West	54 of 57 Strike 285 East West Vein
327	HGCTM	5007426	Chip	oc	NAD83_09	6561222.66	460736.61	East West	55 of 57 Strike 285 East West Vein
328	HGCTM	5007427	Chip	oc	NAD83_09	6561222.92	460735.65	East West	56 of 57 Strike 285 East West Vein
329	HGCTM	5007428	Chip	oc	NAD83_09	6561223.18	460734.68	East West	57 of 57 Strike 285 East West Vein
330	HGCTM	5006001	Rock	oc	NAD83_09	6558040.00	461066.00	Pete	Rock sample; Large Listwantite outcrop, not magnetic; foliation trending 040; stn no. 08IS014
331	HGCTM	5006002	Chip	fl	NAD83_09	6557583.00	460739.00	Pete	Chip sample; Qtz boulder in creek Qtz boulder in creek ; stn no. 08IS017 Near large Listwanite outcrop along the road Float; Qtz in creek
332	HGCTM	5006003	Rock	fl	NAD83_09	6558032.00	461551.00	Pete	Rock sample; Large 7b/7c near road; stn no. 08IS018: Whole Rock
333	HGCTM	5006004	Chip	fl	NAD83_09	6558032.00	461551.00	Pete	Chip sample; Near large Listwanite outcrop along the road; stn no. 08IS019 : Chip
334	HGCTM	5006005	Chip	fl	NAD83_09	6557438.00	461099.00	Pete	Chip sample; Qtz rich with ~ 4-5% fg marcasite; stn no. 08IS020 : Chip
335	HGCTM	5000000	Rock	oc	NAD83_09	6557972.00	461567.00	Pete	rock sample; Whole Rock Analysis (WRA)
336	HGCTM	5006018	Chip	oc	NAD83_09	6560588.00	469310.00	Hunter	QV follows mag hi trend. May be an offset vein from a dextral fault; see map for details; chip

2008 Field Notes: Chip & Rock Samples

R	DataSet	SampleID	Sample Type	Location Type	Projection	Northing	Easting	Sample_Location	Comments
337	HGCTM	5000253	Chip	sc	NAD83_09	6560592.00	469316.00	Hunter	Chip SampleDolomite Altered 5ca w/ euhedral pyrite
338	HGCTM	5006017	Chip	oc	NAD83_09	6560706.00	469311.00	Hunter	In an area of mag low; may be due to surrounding Ca Ax; chip
339	HGCTM	5006013	Rock	oc	NAD83_09	6562849.00	464766.00	Hunter	Slt/shale from Hunter Group Volcanics; Whole Rock
340	HGCTM	5006014	Chip	oc	NAD83_09	6562913.00	464977.00	Hunter	slt/ss shale trending north; chip
341	HGCTM	5006015	Chip	fl	NAD83_09	6562030.00	467487.00	Hunter	Hunter group volcanic; gossan boulders in creek; chip
342	HGCTM	5006007	Chip	oc	NAD83_09	6561039.00	469545.00	Theresa	Listwanite (7c) in contact with argillite (280/50) vein ~ 3 ft wide following contact. Some basalt boulders in area; stn no. 08IS029: Chip
343	HGCTM	5006019	Chip	oc	NAD83_09	6560987.00	469655.00	Theresa	QV 2 vein directions (210 and 325); chip
344	HGCTM	5000255	Rock	oc	NAD83_09	6560923.00	470578.00	Theresa	Whole RockMafic? Possibly contains fine grained qtz and plag.
345	HGCTM	5006008	Chip	oc	NAD83_09	6560686.00	459848.00	Kathrine	Qtz vein; weak sulphides; Near katherine; chip
346	HGCTM	5006009	Rock	oc	NAD83_09	6560687.00	459849.00	Kathrine	Qtz vein; near Katherine with mod to file euhedral pyrite crystals; almost like Taurus Wall rock; rock
347	HGCTM	5006011	Chip	oc	NAD83_09	6560793.00	459280.00	Kathrine	Qtz vein; fine dspy and possibly some marcasite;chip
348	HGCTM	5006012	Chip	oc	NAD83_09	6560793.00	459280.00	Kathrine	Qtz vein; near contact with chert; chip
349	HGCTM	5000521	Rock	oc	NAD83_09	6565753.00	461299.00	Main Mine West	rock sample; quite weathered, minimal sulphides
350	HGCTM	5000518	Rock	oc	NAD83_09	6566190.00	460995.00	Main Mine West	rock sample; trace sulphides
351	HGCTM	5000502	Rock	oc	NAD83_09	6564735.00	459601.00	Main Mine West	rock sample; WRA
352	HGCTM	5000503	Rock	oc	NAD83_09	6564747.00	459608.00	Main Mine West	rock sample; Moderate Chlorite alteration
353	HGCTM	5000504	Rock	oc	NAD83_09	6564854.00	459877.00	Main Mine West	rock sample; WRA; mafic granite, locally magnetic
354	HGCTM	5000505	Rock	oc	NAD83_09	6564854.00	459877.00	Main Mine West	rock sample; WRA; mafic granite
355	HGCTM	5000506	Rock	oc	NAD83_09	6564704.00	460220.00	Main Mine West	rock sample; WRA; mafic dyke, moderatley magnetic
356	HGCTM	5000507	Rock	oc	NAD83_09	6564157.00	460180.00	Main Mine West	rock sample; 5 cm quartz vein
357	HGCTM	5000508	Rock	oc	NAD83_09	6563981.00	460371.00	Main Mine West	rock sample; gabbroic? WRA;
358	HGCTM	5000509	Rock	oc	NAD83_09	6563984.00	460374.00	Main Mine West	rock sample; gabbroic? WRA;
359	HGCTM	5000510	Rock	oc	NAD83_09	6564935.00	460260.00	Main Mine West	rock sample; chlorite alteration, magnetic
360	HGCTM	5000511	Rock	oc	NAD83_09	6565360.00	460149.00	Main Mine West	rock sample; Low Carbonate alteration, weakly magnetic
361	HGCTM	5000512	Rock	oc	NAD83_09	6565180.00	460420.00	Main Mine West	rock sample
362	HGCTM	5000514	Rock	oc	NAD83_09	6566096.00	460770.00	Main Mine West	rock sample; 20 cm thick, 1 m long. Barren
363	HGCTM	5000515	Rock	oc	NAD83_09	6565750.00	460989.00	Main Mine West	rock sample; WRA;
364	HGCTM	5000516	Rock	oc	NAD83_09	6565749.00	460986.00	Main Mine West	rock sample; WRA;

Appendix C

Survey Program Report
McElhanney Engineering Services Ltd.

Cusac Mine Surveys **Our File: 2113-01824-0**

Control Survey Report
Transformation Report

Date: August 5, 2008

Submitted To:

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Project Geologist

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1. Introduction:

In July 2008, McElhanney Consulting Services Ltd was contracted to provide survey services to support mining operations near Cusac Mine. The project consisted of portal location surveys, borehole dataset transformations, and a control survey for the entire site. McElhanney surveyors were on site performing field measurements between July 14th and July 25th 2008. The first phase of the project was to locate and survey 16 old portals from historical mining operations. The second phase was to locate and survey old drill holes to compute a transformation of existing drill hole coordinate files into a new project coordinate system. Finally, new survey monuments were to be set throughout the property as the basis of a high accuracy framework and new coordinate system for all future surveys.

2. Field Survey Methodologies and Results:

2.1. Existing Portal Surveys

McElhanney was provided with maps showing the locations of existing portals which were to be surveyed. Using the coordinates on the maps as a starting point we looked for the portals themselves or, in cases where reclamation work had been done, we looked for some evidence of a covered portal. In most cases the portal was fairly obvious; however, there were some portals for which no evidence could be found. The following table shows the coordinates of the portals that were found as well as a description of the evidence that was surveyed.

Portal Name	Northing	Easting	Elevation	Evidence Found
SABLE	570336.3	60201.4	1065.2	Portal
CUSAC	561177.4	60992.0	1289.3	Portal
BAIN	560382.8	60858.8	1229.4	Portal
FINLAYSON	564005.3	64804.9	1367.7	Portal
TROUTLINE	563559.7	64794.5	1418.9	Portal
TAURUS	-	-	-	No Evidence Found
TAURUS II	-	-	-	No Evidence Found
PORTAL 10	561965.3	59200.8	1087.5	Portal
PORTAL 14	565502.4	61580.8	1131.1	Portal
PORTAL 21	565075.5	61842.2	1199.7	Portal
PORTAL 28	-	-	-	No Evidence Found
PORTAL 35	564620.6	61740.9	1335.1	Debris and disturbance
PORTAL 39	564460.3	61813.2	1381.1	Debris and disturbance
PORTAL 49	563183.9	63888.6	1486.2	Portal
PORTAL 56	563918.9	62123.4	1555.5	Running water and debris
PORTAL 57	563429.6	63161.6	1570.4	Portal

All portal coordinates are shown in the '2008 Cusac Mine Local Coordinate System'. Instructions for conversion to UTM9 NAD83 CSRS coordinates are presented later in this report.

2.2. Old Drillhole Surveys

McElhanney was provided with two spreadsheets of old drill hole coordinates which needed to be converted into a new project coordinate system. The spreadsheets we received for the Taurus and Table Mountain areas are included as Appendix A and Appendix B respectively. These two original files have unrelated coordinate systems; therefore, we have treated the coordinate conversions as two separate items. It appears that the Taurus coordinate file may have already been UTM so the computed transformation did not change the coordinates much. There was however a vertical shift which was used to bring the file into the new coordinate system.

In order to calculate a transformation we needed to survey a well distributed sample of points from the existing coordinate files. Using existing maps, airphotos, and roughly transformed coordinates we were able to find some of the old drill holes. Generally we found unmarked pieces of wood denoting the holes, though in some cases there were labeled posts in the holes. The vast majority of the drill pads that we explored had no trace of the holes remaining. In all cases where a drill hole was found, we surveyed the point with Leica GX1230 Dual Frequency RTK GPS equipment.

Our transformations were computed using the best distribution of surveyed points possible. During the transformation computations we were required to reject some of our surveyed points due to high residuals. In these cases it is possible that the provided coordinates are not very accurate or that we located the wrong hole in the field. There is no way to be certain of the cause of these discrepancies so we were forced to choose the configuration that gave the best apparent results.

The following tables show the transformation residuals for the Taurus and Table Mountain transformations. These tables show the residuals only for the points that were used to compute the transformations.

Taurus Transformation Results

Point ID	Northing	Easting	Elevation
05BY-03	-3.02	-0.67	0.13
06TII-18	2.32	0.88	-0.25
07TC-10	-1.18	3.36	-0.02
95-25	1.81	-1.56	-0.15
95-34	2.60	-1.31	-0.10
95-36	2.56	-0.90	-0.24
95-46	-0.94	0.24	0.51
96-097	-4.16	-0.04	0.13

Table Mountain Transformation Results

Point ID	Northing	Easting	Elevation
04MM-11	0.30	0.40	0.14
04MM-16	0.37	0.43	0.01
84-546	0.24	-0.56	-0.21
85-597	-0.63	-0.07	-0.23
88-239	0.22	0.65	0.32
94-15	-0.69	0.15	-0.16
PR-65	-0.47	-0.10	0.22
PR-77	0.07	-0.41	0.11
PR-88	0.59	-0.47	-0.20

In order to evaluate the expected accuracy of the transformation we made use of the points that were surveyed in the field but not used to compute the transformation parameters. The surveyed values for these points were compared to the calculated values obtained by the transformation. These tables should give an indication of the accuracy that can be expected from the transformation; however, as the sample dataset is small it is quite possible that other points may have better or worse accuracies. It is also possible that the points surveyed in the field were not the same points that were surveyed at the time of the drill programs.

Taurus Survey Comparisons

Point ID	Northing	Easting	Elevation
06TII-18	2.32	0.88	-0.25
07TC-07	4.60	2.99	-0.06
07TC-10	-1.18	3.36	-0.02
96-097	-4.16	-0.03	0.13
05BY-03	-3.02	-0.67	0.13
95-34	2.60	-1.32	-0.10
95-14	-8.40	-2.45	-0.03
95-25	1.81	-1.56	-0.15
95-36	2.56	-0.90	-0.24
95-46	-0.94	0.24	0.51
96-092	-1.10	4.35	0.54

Table Mountain Survey Comparisons

Point ID	Northing	Easting	Elevation
02BG-03	-0.43	7.07	-0.08
02EB-08	2.51	0.65	2.82
02EB-11	4.00	6.75	1.53
04MM-01	2.27	-0.33	0.05
04MM-11	-0.41	0.96	0.28
04MM-16	-0.36	0.98	0.15
84-546	-0.05	0.25	0.09
88-239	0.34	2.16	0.87
94-15	-0.73	2.23	0.47
85-596	-3.69	-1.32	-0.11
PR-88	0.75	0.09	0.15
PR-77	0.38	0.03	0.48
85-597	-0.25	0.27	0.14
PR-65	-0.10	0.25	0.59

Summaries of all of the transformed drill hole coordinate files are included for Taurus and Table Mountain as Appendix C and Appendix D respectively. Please see the information below for an explanation of the missing 95-xx series points from the Taurus coordinate file.

The original Taurus coordinate file contains a series of points in the 95-xx range. We were able to find 5 of these points in the field and compute an independent transformation for them. The original survey for these points appears to have been quite good and the results of the transformation reflect this. The following table shows the transformation residuals for this series of points. The final transformed coordinates are included as Appendix E. These points have been removed from the rest of the transformed Taurus coordinates in Appendix C as it is expected that the independent transformation will yield much more accurate results.

Point ID	Northing	Easting	Elevation
95-14	-0.03	0.02	-0.02
95-25	-0.07	0.10	0.09
95-34	0.04	-0.03	0.06
95-36	0.02	0.04	-0.18
95-46	0.04	-0.12	0.04

2.3. GPS Control Survey

In order to establish a high accuracy framework for future surveys on the property, a GPS control survey was performed. Seven brass 'PROCK' monuments were set around the property to be used as control monuments by future surveyors on the site.

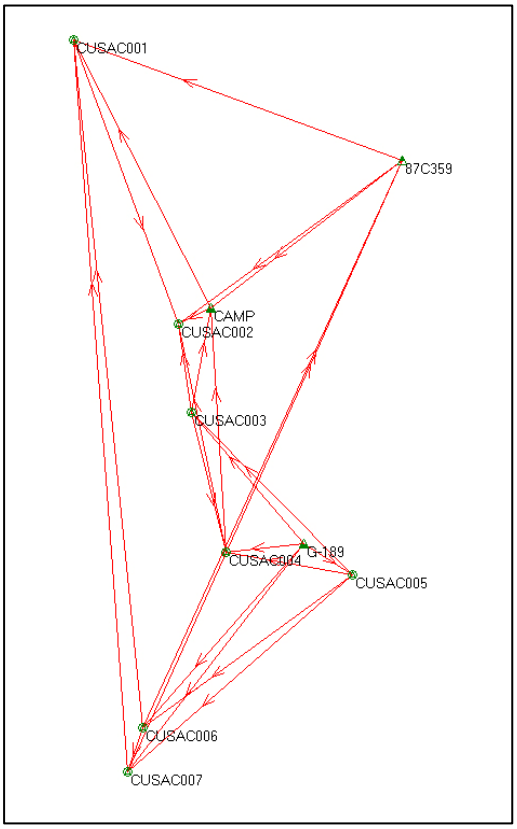
Sample Control Monument

The sites chosen for the monuments are close to the areas where mining operations are expected to occur. Monuments were generally set in solid rock though large partially buried boulders were used for points where no bedrock could be found.

The GPS control survey employed 4 Leica GX1230 GPS receivers. The GX1230 are the latest high precision geodetic quality GPS receivers available from Leica. They have a baseline accuracy of 5mm+0.5ppm.

A 'static' control survey was performed using modified leapfrog methodology. 30 GPS baselines were measured which yielded 65 degrees of freedom in the subsequent least squares adjustment. All adjustments of the GPS data were performed in Leica Geo Office v6.0. This is the latest baseline processing and adjustment software package offered by Leica Geosystems. The adjustment report from the least squares adjustment is included as Appendix F.

The final coordinates of the monuments in the control survey can be found on the Primary Control Sheets attached as Appendix G. The 'grid' values shown on the Control Sheets are in the 2008 Cusac Mine Local Coordinate System. These points are intended to be used as GPS reference points for use by future surveyors to set temporary control points near the portals for underground surveys. It was decided that the stability of the ground near the portals could not be guaranteed for long periods of time and this methodology would give better results in the long term.



GPS Control Network

2.4. Control Survey Quality Control

During the course of the control survey several activities were carried out for quality control purposes. During the GPS survey the following methods were used:

- Repeat measurements on all points using a different GPS receiver at a different time of day and setup by a different surveyor.
- Check the adjustment of all GPS tribrachs at the beginning and end of the project.
- Measure instrument heights multiple times to detect reading errors.

3. Results:

The results of the portal location, borehole transformation, and primary control surveys are included in this report. All of the presented coordinates are in the 2008 Cusac Mine Local Coordinate System. The instructions below demonstrate how to convert these local coordinates into UTM9 NAD83 CSRS coordinates.

To convert 2008 Cusac Mine Local coordinates into UTM9 NAD83 CSRS values please use the following methodology.

I. Add 6003785.5769 to the local Northing values and 400266.1900 to the local Easting values.
II. Multiply the resulting Northing and Easting values by the 'Project Scale Factor' of 0.99942374779. This will yield UTM values.

Sample Calculation:

Point ID: CUSAC001	
Local Northing =	570628.469
Add 6003785.5769 =	6574414.046
Multiply by 0.99942374779 =	**6570625.525 (UTM)**
Local Northing =	60058.541
Add 400266.1900 =	460324.731
Multiply by 0.99942374779 =	**460059.468 (UTM)**

To convert UTM9 values into the 2008 Cusac Mine Local coordinate system you reverse the operations in the sample calculation shown above as follows:

I. Divide the UTM Northing and Easting values by the 'Project Scale Factor' of 0.99942374779
II. Subtract 6003785.5769 from the resulting Northing values and 400266.1900 from the resulting Easting values. This will yield local coordinate values.

Appendix A – Original Taurus Coordinates

Hole ID	Northing	Easting	Elevation
T79-01	6570678.21	460642.23	1138.00
T79-10	6570748.76	460583.05	1138.00
T79-02	6570684.94	460583.67	1138.00
T79-03	6570751.41	460753.81	1162.00
T79-04	6570760.03	460711.83	1155.00
T79-05	6570747.11	460340.93	1105.00
T79-06	6570216.69	460951.65	1108.00
T79-07	6570773.17	460682.30	1145.00
T79-08	6570734.35	460938.98	1185.00
T79-09	6570782.15	460650.73	1142.00
T80-20	6570682.48	460528.77	1130.00
T80-21	6570620.29	460391.33	1132.00
T80-22	6570618.42	460525.25	1115.00
T80-23	6570677.08	460692.61	1137.00
T82-01	6570610.48	460751.28	1145.00
T82-02	6570703.13	460975.33	1185.00
T82-03	6570656.58	460610.23	1137.00
T82-04	6570729.67	460418.45	1122.00
T82-05	6570713.81	460392.00	1108.00
T82-06	6570754.70	460734.81	1155.00
T82-07	6570623.20	460666.74	1135.00
T82-08	6570469.87	460594.37	1117.00
T84-01	6570409.34	459531.35	1098.00
T84-10	6569681.87	459965.39	1024.50
T84-11	6569781.68	459913.14	1017.02
T84-12	6570336.72	460075.63	1092.00
T84-13	6570354.27	460089.97	1093.00
T84-15	6570701.74	460890.13	1170.00
T84-16	6570619.13	460891.30	1168.00
T84-17	6570685.96	460463.40	1125.00
T84-18	6570647.21	460629.25	1130.00
T84-02	6570452.85	459524.97	1103.00
T84-03	6570349.51	460137.97	1082.00
T84-04	6570343.46	460106.69	1087.00
T84-05	6570316.80	460141.22	1085.00
T84-06	6570338.49	460169.62	1075.00
T84-07	6570343.59	460075.44	1093.00
T84-08	6570348.97	460105.51	1087.00
T84-09	6569688.72	459875.11	1068.44
T85-01	6570646.84	459785.49	1095.00
T85-11	6570698.23	460742.11	1142.00
T85-02	6570646.84	459785.49	1109.00
T85-03	6570675.92	459824.03	1109.00
T85-04	6570675.92	459824.03	1109.00
T85-05	6570634.57	459760.49	1102.00
T86-01	6570904.44	460413.88	1148.00
T86-11	6570698.24	460742.11	1152.00
T86-12	6570700.55	460724.22	1152.00
T86-13	6570701.25	460727.48	1152.00
T86-14	6570698.83	460740.08	1153.00

Hole ID	Northing	Easting	Elevation
T86-02	6570965.32	460417.07	1162.00
T86-21	6570649.77	460590.79	1132.00
T86-22	6570649.77	460590.79	1132.00
T86-23	6570584.15	460672.40	1139.00
T86-24	6570555.17	460725.88	1135.00
T86-25	6570647.38	460562.34	1132.00
T86-26	6570647.54	460562.35	1132.00
T86-03	6571026.19	460420.25	1165.00
T86-04	6571087.07	460423.44	1174.00
T87-01	6570429.15	460106.65	1070.00
T87-03	6570342.55	460041.07	1102.00
T87-05	6570043.14	462230.59	1119.22
T87-06	6570185.76	462421.19	1208.53
T87-07	6570185.76	462421.19	1208.53
T88-01	6569764.60	459392.11	1054.00
T88-02	6570007.23	459450.60	1076.00
T88-03	6569664.93	459692.11	1048.00
T88-04	6569628.12	459812.26	1063.00
T88-05	6570384.58	459602.78	1101.84
T88-06	6570399.66	459665.25	1114.15
T88-07	6570384.67	459726.61	1117.78
T88-08	6570372.60	459785.07	1116.49
T88-09	6570388.93	459852.15	1116.16
T93-01	6570248.96	460067.91	1105.00
T93-10	6570304.71	460023.21	1107.00
T93-11	6570335.73	460077.95	1091.00
T93-12	6570335.73	460077.95	1091.00
T93-13	6570288.26	460075.15	1102.00
T93-14	6570288.26	460075.15	1102.00
T93-15	6570282.74	460104.78	1093.00
T93-16	6570306.97	460143.28	1079.00
T93-17	6570306.97	460143.28	1079.00
T93-18	6570321.08	460118.69	1085.00
T93-19	6570319.31	460118.31	1085.00
T93-02	6570248.98	460067.60	1105.00
T93-20	6570321.08	460118.69	1085.00
T93-21	6570377.01	459994.96	1105.00
T93-22	6570377.01	459994.96	1105.00
T93-23	6570415.05	459996.95	1098.00
T93-24	6570332.44	460123.25	1082.00
T93-25	6570314.15	460146.10	1079.00
T93-26	6570302.77	460191.54	1078.31
T93-03	6570233.50	460095.22	1102.00
T93-04	6570233.50	460095.22	1102.00
T93-05	6570211.88	460084.72	1102.00
T93-06	6570218.87	460123.71	1097.00
T93-07	6570218.87	460123.71	1097.00
T93-08	6570336.97	460025.21	1105.00
T93-09	6570336.97	460025.21	1105.00
T94-01	6570301.86	460192.50	1078.32

Hole ID	Northing	Easting	Elevation
T94-10	6570276.31	460049.41	1102.23
T94-11	6570205.72	460148.38	1091.13
T94-12	6570193.69	460142.65	1091.75
T94-13	6570188.41	460172.32	1088.56
T94-14	6570174.99	460162.51	1089.96
T94-15	6570177.82	460201.74	1086.17
T94-16	6570166.04	460195.32	1086.87
T94-17	6570166.86	460231.29	1083.90
T94-18	6570151.86	460223.38	1084.78
T94-19	6570190.69	460109.98	1095.87
T94-02	6570287.99	460187.17	1079.81
T94-20	6570190.69	460109.98	1095.84
T94-21	6570228.51	460058.97	1102.20
T94-22	6570205.11	460097.09	1097.06
T94-23	6570189.71	460123.05	1094.22
T94-24	6570219.92	460071.43	1100.86
T94-25	6570185.43	460151.38	1091.01
T94-26	6570172.40	460144.39	1091.44
T94-27	6570165.26	460178.93	1088.48
T94-28	6570159.80	460210.66	1095.00
T94-29	6570526.84	459943.11	1071.87
T94-03	6570287.21	460204.58	1078.81
T94-30	6570489.48	459660.55	1103.39
T94-31	6570500.93	459721.18	1109.85
T94-32	6570509.91	459781.39	1108.52
T94-33	6570766.57	459800.42	1106.00
T94-34	6570749.36	459801.53	1104.00
T94-35	6570716.96	459776.01	1109.00
T94-36	6570699.56	459744.03	1113.24
T94-37	6570699.62	459743.99	1114.00
T94-38	6570691.23	459701.63	1116.00
T94-39	6570684.13	459663.93	1119.00
T94-04	6570272.57	460202.32	1080.88
T94-40	6570786.58	459845.95	1102.19
T94-41	6570787.97	459869.26	1097.11
T94-42	6570709.15	459969.45	1086.73
T94-43	6570694.80	459974.67	1085.05
T94-44	6570694.80	459974.67	1085.05
T94-45	6570703.03	460000.14	1085.88
T94-46	6570703.03	460000.14	1085.88
T94-47	6570700.60	459954.08	1086.55
T94-48	6570686.05	459956.82	1085.62
T94-49	6570699.96	459937.20	1084.56
T94-05	6570281.29	460216.66	1078.32
T94-50	6570699.96	459937.20	1084.56
T94-51	6570699.96	459937.20	1086.00
T94-52	6570679.93	459634.72	1121.00
T94-53	6570669.50	459599.63	1124.00
T94-54	6570669.50	459599.63	1124.00
T94-55	6570658.00	459573.12	1122.00

Hole ID	Northing	Easting	Elevation
T94-56	6570637.16	459533.87	1121.00
T94-57	6570635.71	459503.28	1121.00
T94-58	6570635.71	459503.28	1121.00
T94-59	6570636.31	459316.99	1110.00
T94-06	6570298.20	460160.42	1083.23
T94-60	6570635.27	459317.21	1110.00
T94-61	6570684.55	459312.21	1112.00
T94-62	6570614.82	459221.98	1110.00
T94-63	6570614.82	459221.98	1110.00
T94-64	6570701.59	459364.36	1128.00
T94-65	6570614.82	459221.98	1110.00
T94-66	6570701.59	459364.36	1128.00
T94-67	6570652.43	459369.25	1121.00
T94-68	6570600.12	459374.47	1112.00
T94-69	6570547.43	459388.32	1105.00
T94-07	6570297.97	460159.21	1083.36
T94-70	6570816.31	459368.01	1134.41
T94-71	6570826.87	459416.73	1139.27
T94-72	6570808.46	459312.34	1120.91
T94-73	6570808.46	459312.34	1120.91
T94-74	6571000.67	459252.27	1159.06
T94-75	6571000.67	459252.27	1159.06
T94-76	6570974.83	459154.77	1162.78
T94-77	6571000.67	459252.27	1159.06
T94-78	6570974.83	459154.77	1162.78
T94-79	6571000.67	459252.27	1159.06
T94-08	6570299.20	460146.18	1085.04
T94-80	6570277.71	459548.41	1089.84
T94-81	6570286.58	459484.16	1086.99
T94-82	6570961.38	459062.99	1165.31
T94-83	6570647.35	459174.32	1072.10
T94-84	6570573.70	459428.30	1111.00
T94-85	6570647.30	459175.01	1072.00
T94-86	6570591.05	459511.49	1115.00
T94-87	6570644.09	459175.19	1071.70
T94-88	6570715.29	459171.45	1120.00
T94-09	6570277.36	460080.63	1097.73
T97-132	6570121.70	459482.95	1083.00
T97-133	6570350.19	459409.89	1090.00
T97-134	6570295.32	459413.77	1086.00
T97-135	6569545.59	460489.49	1040.00
T97-136	6569547.58	460489.39	1040.00
T97-137	6569645.19	460479.26	1040.00
TQR80-01	6570579.56	460010.99	1072.00
TQR80-02	6570608.47	460007.39	1075.00
TQR80-03	6570562.15	460020.68	1072.00
TQR81-10	6570550.78	460031.11	1082.00
TQR81-11	6570570.81	460062.18	1083.00
TQR81-12	6570570.81	460062.18	1083.00
TQR81-13	6570634.68	459948.70	1075.00

Hole ID	Northing	Easting	Elevation
TQR81-14	6570568.87	460093.89	1085.00
TQR81-15	6570607.57	459921.47	1075.00
TQR81-16	6570578.88	459935.27	1075.00
TQR81-17	6570577.67	459899.97	1078.00
TQR81-20	6570669.94	459979.66	1085.00
TQR81-21	6570571.40	460123.95	1085.00
TQR81-04	6570602.34	459971.46	1075.00
TQR81-05	6570602.35	459971.45	1075.00
TQR81-06	6570669.31	460009.70	1078.00
TQR81-07	6570638.83	460054.15	1085.00
TQR81-08	6570608.40	460052.55	1083.00
TQR81-09	6570562.32	460351.20	1090.00
TSC85-01	6570698.16	461014.08	1199.00
TSC85-10	6570706.98	461050.75	1208.00
TSC85-02	6570650.16	461019.95	1192.00
TSC85-03	6570098.68	462345.98	1115.08
TSC85-04	6570116.94	462373.43	1124.62
TSC85-05	6570116.94	462373.43	1124.62
TSC85-06	6570111.00	462407.17	1128.48
TSC85-07	6570653.57	461020.33	1192.00
TSC85-08	6570671.48	461051.04	1204.00
TSC85-09	6570671.48	461051.04	1204.00
95-01	6570602.80	459125.52	1095.87
95-10	6569190.20	459419.52	1086.04
95-11	6568951.14	459314.56	1089.66
95-12	6569026.00	458275.89	1064.00
95-13	6570488.22	459355.62	1098.02
95-14	6570962.41	457685.11	1147.78
95-15	6569140.26	457960.18	1073.77
95-16	6568934.25	457953.20	1089.65
95-17	6568996.55	459509.18	1143.86
95-18	6570495.42	459251.71	1095.05
95-19	6570764.32	460629.13	1133.55
95-02	6570629.36	458977.70	1096.50
95-20	6570558.94	460654.48	1125.34
95-21	6570460.13	459150.75	1090.96
95-22	6570654.81	460647.53	1128.46
95-23	6570462.51	459054.26	1088.26
95-24	6571039.91	459379.09	1146.27
95-25	6570954.48	460632.83	1156.18
95-26	6570355.98	460659.60	1106.05
95-27	6570883.76	459332.58	1128.82
95-28	6570448.01	460454.90	1097.49
95-29	6570778.67	459335.63	1119.80
95-03	6570530.25	459333.78	1102.22
95-30	6570540.33	460456.10	1106.90
95-31	6570645.91	460450.56	1117.61
95-32	6570679.71	459343.06	1114.37
95-33	6570744.02	460441.72	1126.57
95-34	6570863.24	460834.92	1182.39

Hole ID	Northing	Easting	Elevation
95-35	6570582.36	459347.12	1110.83
95-36	6570763.23	460836.82	1176.93
95-37	6570666.59	460840.27	1161.51
95-38	6570798.81	459433.23	1137.44
95-39	6570762.26	460934.79	1178.80
95-04	6570309.06	459316.11	1082.54
95-40	6570695.38	459448.59	1132.15
95-41	6570225.84	460065.78	1101.50
95-42	6570892.25	459440.39	1145.59
95-43	6570326.04	460061.27	1097.20
95-44	6570982.08	459322.03	1141.47
95-45	6570475.64	460055.30	1069.84
95-46	6570313.89	459861.80	1118.12
95-47	6570394.61	459260.29	1087.69
95-48	6570414.62	459861.06	1114.07
95-49	6570486.92	459859.44	1109.79
95-05	6570134.05	459356.50	1076.41
95-50	6570387.31	459158.67	1085.56
95-51	6570217.82	459861.71	1117.42
95-52	6570373.30	459065.56	1078.31
95-53	6570271.66	459167.38	1073.33
95-54	6570599.53	459853.61	1076.48
95-55	6570321.55	459168.71	1078.95
95-56	6570113.72	459870.64	1101.82
95-57	6570392.65	459360.27	1091.21
95-58	6570205.55	459669.90	1097.85
95-59	6570878.05	459232.12	1136.51
95-06	6570195.55	459483.96	1083.11
95-60	6570306.51	459661.54	1110.98
95-61	6570786.88	459246.62	1121.82
95-62	6570388.15	459657.95	1112.43
95-63	6571084.13	459315.02	1169.27
95-64	6570499.71	459649.93	1101.29
95-65	6571088.75	459426.67	1153.63
95-66A	6570295.57	459470.91	1087.28
95-66B	6570295.57	459470.91	1087.28
95-67	6570609.47	459650.19	1112.28
95-68	6570498.60	459452.43	1105.50
95-69	6570803.53	459826.63	1105.00
95-07	6570030.56	459274.56	1059.73
95-70	6570778.67	459331.35	1120.00
95-71	6570393.77	459859.70	1115.86
95-72	6570394.45	459461.80	1094.30
95-73	6570213.67	459965.72	1112.11
95-74	6570311.16	459759.19	1113.16
95-75	6570323.18	459958.59	1112.20
95-76	6570412.96	459955.43	1103.35
95-77	6570214.19	459766.18	1105.81
95-78	6570405.15	459752.22	1119.16
95-08	6570296.15	458490.62	1062.41

Hole ID	Northing	Easting	Elevation
95-09	6570338.01	458075.38	1064.31
TT9518R	6570495.44	459258.08	1095.00
TT9521R	6570460.09	459156.79	1091.00
TT9532R	6570679.95	459347.04	1114.37
TT9535R	6570584.04	459343.55	1111.00
TT9548R	6570414.74	459858.12	1114.00
96-100	6570341.69	459808.00	1115.79
96-101	6570359.70	459854.56	1116.95
96-102	6570444.43	459885.34	1108.34
96-103	6570483.59	459795.89	1110.94
96-104	6570428.38	459801.57	1115.67
96-105	6570383.18	459804.15	1118.00
96-106	6570367.28	459756.97	1116.87
96-107	6570415.78	459751.98	1117.72
96-108	6570483.22	459746.14	1110.63
96-109	6570464.56	459706.12	1114.12
96-110	6570429.64	459703.13	1121.00
96-111	6570370.42	459714.75	1118.10
96-112	6570380.99	459653.61	1114.00
96-113	6570309.50	459665.37	1110.00
96-114	6570356.40	459604.83	1102.00
96-115	6570366.39	459604.31	1103.00
96-116	6570305.52	459608.50	1101.00
96-117	6570303.52	459608.60	1101.00
96-118	6570367.29	459564.20	1099.00
96-119	6570367.29	459564.20	1099.00
96-120	6570325.40	459567.40	1096.00
96-121	6570345.49	459511.27	1092.00
96-122	6570296.56	459513.84	1090.00
96-123	6570372.09	459464.82	1093.00
96-124	6570398.47	459509.50	1095.00
96-125	6570431.62	459587.87	1102.00
96-126	6570453.94	459631.76	1107.00
96-127	6570112.47	459173.01	1042.00
96-128	6570134.13	459357.13	1075.00
96-129	6570064.77	459275.65	1064.00
96-130	6570182.61	459269.47	1072.00
96-131	6570267.25	459164.89	1073.00
96-079	6569528.73	463033.86	1000.00
96-080	6569209.72	461723.77	1040.00
96-081	6569777.50	461093.18	1080.00
96-082	6569627.71	461101.03	1065.00
96-083	6569627.71	461101.03	1065.00
96-084	6569998.58	459579.53	1080.00
96-085	6569848.79	459587.38	1065.00
96-086	6569814.56	459889.59	1075.00
96-087	6569814.56	459889.59	1075.00
96-088	6569665.71	459915.42	1060.00
96-089	6569675.23	460097.17	1050.00
96-090	6569765.11	460092.46	1060.00

Hole ID	Northing	Easting	Elevation
96-091	6570262.91	459858.78	1118.66
96-092	6570314.06	459857.69	1118.09
96-093	6570414.49	459850.65	1114.52
96-094	6570469.27	459846.29	1111.17
96-095	6570436.44	459885.45	1108.50
96-096	6570394.39	459906.46	1111.46
96-097	6570310.38	459915.16	1116.22
96-098	6570262.80	459897.72	1117.04
96-099	6570261.96	459833.27	1118.07
COR-03-01	6570784.00	459244.00	1122.00
COR-03-02	6570675.00	459344.00	1115.00
COR-03-03	6570542.00	459426.00	1107.00
COR-03-04	6570437.00	459496.00	1100.00
COR-03-05	6570699.00	459740.00	1114.00
COR-03-06	6570362.00	459564.00	1100.00
COR-03-07	6570713.00	459732.00	1120.00
COR-03-08	6570360.00	459570.00	1100.00
COR-03-09	6570314.00	459609.00	1102.00
COR-03-10	6570800.00	459828.00	1106.00
COR-03-11	6570325.00	460015.00	1106.00
COR-03-12	6570626.00	459948.00	1075.00
COR-03-13	6570611.00	459961.00	1075.00
75-03	6567182.59	462564.39	952.00
75-04	6567237.37	462607.78	935.00
75-05	6567237.37	462607.78	935.00
75-06	6567336.24	462671.11	925.00
75-07	6567151.27	462700.05	950.00
77-29	6566700.79	461407.79	987.00
77-31	6566657.41	461429.86	982.00
77-32	6566661.26	461432.25	986.00
77-45	6567336.24	462671.11	925.00
77-46	6567431.70	462734.48	918.00
77-47	6567157.08	462713.88	949.00
77-48	6567228.75	462049.47	930.00
79VAN-1	6568325.48	461257.91	980.00
79VAN-2	6567531.77	461468.93	940.00
79VAN-3	6567599.37	461395.37	940.00
80-N01	6571474.43	458292.69	1249.60
80-N02	6571472.73	458292.66	1249.60
80-N03	6571448.04	458296.53	1249.20
80-N04	6571447.12	458297.41	1249.20
80-N05	6571468.76	458272.37	1249.60
80-N06	6571467.86	458272.35	1249.60
80-N07	6571446.69	458275.40	1248.80
80-N08	6571445.79	458275.38	1248.80
80-N09	6571464.76	458253.78	1250.90
80-N10	6571463.86	458253.76	1250.90
80-N11	6571474.48	458332.30	1253.30
80-N12	6571474.48	458332.30	1253.30
80-N13	6571468.74	458315.48	1253.00

Hole ID	Northing	Easting	Elevation
80-N14	6571467.84	458315.46	1253.00
80-N15	6571442.25	458319.31	1248.50
80-N16	6571441.35	458319.29	1248.50
80-N17	6571418.93	458301.21	1241.80
80VAN-04	6567531.77	461468.93	940.00
80VAN-05	6567531.77	461468.93	940.00
80VAN-06	6567565.37	461441.65	940.00
80VAN-07	6567565.37	461441.65	940.00
80VAN-08	6567565.37	461441.65	940.00
80VAN-09	6567626.21	461402.94	950.00
80VAN-10	6567379.77	461187.61	952.00
80VAN-11	6567590.43	461392.17	942.00
80VAN-12	6567632.85	461373.08	959.00
80VAN-13	6567647.06	461410.39	960.00
81-001	6567234.39	462733.35	938.37
81-002	6567194.82	462666.62	929.35
81-003	6567273.11	462783.21	925.69
81-004	6567204.25	462152.95	933.46
81-005	6566742.33	461442.35	989.41
81-006	6566832.14	461411.32	968.82
81-007	6566274.00	460952.70	997.60
81-010A	6566909.94	461459.09	955.00
81-011A	6566869.38	461452.22	972.00
81M-10	6566909.94	461459.09	955.00
81M-11	6566869.38	461452.22	972.00
81M-12	6567210.66	462197.81	945.00
81M-13	6567204.25	462152.95	933.46
81M-14	6567198.68	462120.67	936.15
81REO-1	6568358.41	458838.06	1048.00
81REO-2	6568332.20	458847.50	1040.00
81REO-3	6568303.99	458856.90	1035.00
82M-20	6567352.53	462624.95	932.00
82M-21	6567366.62	462732.88	925.00
82M-22	6567479.10	462735.09	918.00
82M-23	6567521.49	462736.00	913.00
83-N18	6571642.31	459405.81	1187.47
83-N19	6571625.08	459405.29	1189.41
83-N20	6571612.65	459095.63	1220.00
83-N21	6571592.58	459093.80	1221.80
83-N22	6571462.60	458233.53	1249.70
83-N23	6571462.60	458233.53	1249.70
83-N24	6571413.52	458244.11	1241.90
83-N25	6571456.33	458194.78	1249.90
83-N26	6571456.33	458194.78	1249.90
83-N27	6571446.16	458137.09	1250.90
83-N28	6571432.92	458138.87	1249.70
83-N29	6571435.57	458099.42	1250.00
83-N30	6571435.57	458099.42	1250.00
83-N31	6571539.36	458336.75	1253.50
83-N32	6571401.60	458339.74	1237.70

Hole ID	Northing	Easting	Elevation
83-N33	6571401.60	458339.74	1237.70
85-579	6566303.89	461523.52	977.20
85-586	6566084.43	461460.22	983.80
85-587	6566119.68	461415.80	982.80
85-588	6566198.16	461434.30	981.90
85-589	6566126.89	461435.56	981.00
88-730	6566162.19	461790.94	985.29
90N011	6565867.86	465960.60	1296.68
90N012	6566108.90	466063.85	1300.83
90N013	6566378.81	466067.38	1289.30
95CMP1	6567246.76	468131.35	925.00
95GO-1	6567534.88	463561.48	940.00
95GO-2	6567629.28	463823.57	940.00
95VAN1	6567583.52	461061.95	995.51
95VAN2	6567699.98	461056.85	998.86
95VAN3	6567762.88	460860.75	1008.07
95VAN4	6567747.51	461157.49	962.41
95VAN5	6567804.17	461313.74	977.64
96SWB2	6566023.84	461395.87	989.29
96SWB3	6566043.64	461430.90	985.34
C-47	6566051.37	461149.34	1010.02
C-48	6566016.13	461079.06	1014.69
05BY-01	6568050.59	462300.56	970.09
05BY-02	6568050.10	462300.88	970.09
05BY-03	6568122.42	462421.69	975.15
05BY-04	6568015.93	462192.37	968.87
05SV-01	6568094.48	462111.10	982.95
05SV-02	6568079.93	461984.99	983.94
05PE-01	6567381.93	462877.61	924.47
05BY-05	6567779.14	462022.62	962.08
05BY-06	6567810.52	461947.33	970.46
05SV-03	6567965.61	461748.98	1000.86
05SV-04	6567924.21	461702.91	1000.89
05SV-05	6567941.44	461799.05	992.50
05SV-06	6567928.00	461621.00	998.00
05SV-07	6568025.00	461369.00	978.00
05SV-08	6567950.00	461440.00	986.00
05SV-09	6568047.00	461674.00	960.00
05SV-10	6568047.00	461512.00	971.00
05SV-11	6568051.00	461287.00	985.00
06TII-01	6568183.00	461194.00	983.00
06TII-02	6568261.00	461189.00	990.00
06TII-03	6568261.00	461189.00	990.00
06TII-04	6568245.00	461086.00	983.00
06TII-05	6568241.00	461151.00	990.00
06TII-06	6568196.00	461154.00	985.00
06TII-07	6568205.00	461086.00	981.00
06TII-08	6568205.00	461086.00	981.00
06TII-09	6568198.00	461061.00	978.00
06TII-10	6568173.00	461061.00	976.00

Hole ID	Northing	Easting	Elevation
06TII-11	6568162.00	460994.00	976.50
06TII-12	6568172.00	460982.00	979.50
06TII-13	6568206.00	459662.00	1013.00
06TII-14	6568206.00	459622.00	1014.00
06TII-15	6568188.00	459691.00	1012.00
06TII-16	6568181.00	459661.00	1013.00
06TII-17	6568150.00	459740.00	1000.00
06TII-18	6568140.00	459433.00	1003.00
06TII-19	6568224.00	458917.00	1013.00
06TII-20	6567265.00	460664.00	956.00
06TII-21	6567136.00	460686.00	934.64
07ORO-01	6568162.00	460994.00	976.50
07ORO-02	6568172.00	460922.00	985.00
07ORO-03	6568184.00	460895.50	990.00
07ORO-04	6568170.00	460871.00	992.00
07ORO-05	6568112.00	460785.00	1005.00
07TC-01	6570378.00	459631.00	1108.00
07TC-02	6570344.00	459635.00	1108.00
07TC-03	6570422.00	459657.00	1112.00
07TC-04	6570361.00	459696.00	1115.00
07TC-05	6570434.00	459721.00	1119.00
07TC-06	6570415.00	459772.00	1117.00
07TC-07	6570511.00	459300.00	1100.00
07TC-08	6570443.00	459823.00	1114.00
07TC-09	6570379.00	459824.00	1118.00
07TC-10	6570320.00	459885.00	1117.00

Appendix B – Original Table Mountain Coordinates

Hole ID	Northing	Easting	Elevation
02BG-01	60555.00	61260.00	1260.00
02BG-02	60646.50	61326.00	1279.00
02BG-03	60648.60	61481.80	1282.00
02BG-04	60638.00	61331.00	1276.00
02BG-05	60665.00	61514.00	1282.00
02BG-06	60630.00	61390.00	1277.00
02EB-07	60888.00	61738.00	1309.00
02EB-08	60936.00	61798.00	1318.00
02EB-09	60861.00	61831.00	1305.00
02EB-10	60825.00	61854.00	1294.00
02EB-11	60896.00	61808.00	1312.00
03GAP-01	63030.00	61925.00	1590.00
03GAP-02	62700.00	61550.00	1505.00
75-02	66996.40	62580.70	952.00
75-04	67052.10	62622.90	935.00
75-05	67052.10	62622.90	935.00
75-06	67152.30	62684.10	925.00
75-07	66968.00	62717.00	950.00
77-29	66489.90	61434.70	987.00
77-31	66447.00	61457.70	982.00
77-32	66450.90	61460.00	986.00
77-34	64219.50	61860.50	1412.00
77-35	64219.50	61860.50	1412.00
77-36	64219.50	61860.50	1412.00
77-37	64251.50	61816.30	1417.00
77-38	64251.50	61816.30	1417.00
77-39	64251.50	61816.30	1417.00
77-40	64251.50	61816.30	1417.00
77-41	64251.50	61816.30	1417.00
77-42	64251.50	61816.30	1417.00
77-43	64251.50	61816.30	1417.00
77-44	64278.50	61776.00	1418.00
77-45	67152.30	62684.10	925.00
77-46	67249.10	62745.40	918.00
77-47	66974.10	62730.70	949.00
77-48	67031.50	62064.90	930.00
77-49	64324.00	61805.20	1390.00
77-50	64324.00	61805.20	1390.00
77-51	64324.00	61805.20	1390.00
77-52	64324.00	61805.20	1390.00
77-53	64324.00	61805.20	1390.00
77-54	64351.00	61777.20	1385.00
77-55	64317.00	61706.50	1441.00
77-56	64317.00	61706.50	1441.00
77-57	64317.00	61706.50	1441.00
77-58	64321.00	61699.50	1439.00
77-59	64321.00	61699.50	1439.00
77-60	64234.00	61750.00	1455.00
77-61	64234.00	61750.00	1455.00
77-62	64234.00	61750.00	1455.00

Hole ID	Northing	Easting	Elevation
77-63	64246.50	61690.00	1465.00
77-64	64246.50	61690.00	1465.00
77-65	64246.50	61690.00	1465.00
77-66	64246.50	61690.00	1465.00
79-02	61028.10	61128.50	1313.70
79-02A	61024.10	61121.50	1311.50
79-06	61602.50	61241.20	1378.30
79-07	61602.50	61241.20	1378.30
79-08	61602.50	61241.20	1378.30
79-67	64224.49	61938.54	1408.35
79-68	64224.49	61938.54	1408.35
79-69	64244.70	61967.40	1407.66
79-70	64244.70	61967.40	1407.67
79-71	64354.76	61634.72	1428.39
79-72	64341.42	61509.93	1420.28
79-73	64341.42	61509.93	1420.28
79-74	64393.50	61395.18	1407.60
79-75	64245.92	62062.15	1442.07
79-76	64384.20	61702.70	1406.18
79-77	64333.28	61739.11	1414.56
79-78	64333.28	61739.10	1414.56
79-79	64426.30	61653.34	1399.40
79-80	64181.83	61680.40	1478.62
79-81	64156.11	61713.35	1475.48
80-001	61248.60	61141.00	1329.00
80-002	61248.60	61144.00	1329.00
80-003	61258.50	61141.10	1329.00
80-004	61270.70	61117.10	1328.00
80-005	61272.40	61117.20	1328.00
80-006	61253.50	61118.50	1328.60
80-082	64444.37	61597.78	1393.61
80-083	64399.98	61522.05	1398.86
80-084	64399.88	61522.23	1399.11
80-085	64444.33	61497.01	1380.29
80-086	64346.44	61461.89	1422.72
80-087	64395.59	61474.50	1401.90
80-088	64399.10	61703.80	1276.50
80-089	64374.53	61544.84	1406.62
80-090	64394.96	61439.45	1403.85
80-091	64443.56	61596.39	1391.01
80-092	64459.53	61456.81	1375.69
80-093	64418.90	61547.69	1395.97
80-094	64471.62	61413.65	1372.04
80-095	64362.24	61474.79	1415.35
80-096	64441.87	61536.78	1384.04
80-097	64464.37	61368.20	1368.34
80-098	64364.25	61684.20	1281.67
80-099	64415.74	61362.17	1393.00
80-100	64436.40	61468.90	1384.50
80-101	64414.95	61487.29	1390.20

Hole ID	Northing	Easting	Elevation
80-102	64424.69	61392.45	1394.45
80-103	64364.25	61684.20	1276.50
80-104	64451.69	61166.52	1311.47
80-105	64424.69	61392.45	1394.45
80-106	64495.56	61212.08	1303.90
80-107	64364.25	61684.20	1276.50
80-108	64413.62	61749.83	1372.40
80-109	64497.18	61173.02	1300.60
80-110	64413.90	61749.86	1372.30
80-111	64364.25	61684.20	1276.50
80-112	64423.35	61151.96	1312.20
80-113	64353.45	61755.47	1395.80
80-114	64452.75	61202.23	1318.10
80-115	64374.37	61545.38	1411.70
80-116	64468.72	61123.09	1304.40
80-117	64451.77	61164.55	1311.20
80-118	64470.18	61373.33	1368.70
80-119	64451.46	61164.52	1311.60
80-120	64444.90	61244.77	1336.00
80-121	64680.21	60871.61	1202.50
80-122	64419.09	61818.98	1340.70
80-123	64642.25	60903.63	1223.20
80-124	64612.96	60939.04	1241.10
80-125	64262.92	61874.13	1387.10
80-126	64240.67	62240.83	1510.40
80-127	64348.56	61570.42	1422.50
80-128	64409.78	61746.99	1372.60
80-129	64409.78	61746.99	1372.60
80-130	64350.78	61901.85	1338.80
80-131	64350.78	61901.85	1338.80
80-F28	64316.00	61631.50	1281.00
80-F29	64317.40	61635.60	1281.00
80-F30	64312.90	61664.00	1281.00
80-F31	64407.00	61661.00	1281.00
80-G32	64304.40	61580.10	1281.00
80-G33	64298.40	61577.20	1281.00
80-G34	64296.60	61577.30	1281.00
80-G35	64305.60	61582.50	1281.00
80-N01	71195.60	58217.90	1249.60
80-N02	71193.90	58217.90	1249.60
80-N03	71169.30	58222.30	1249.20
80-N04	71168.40	58223.20	1249.20
80-N05	71189.50	58197.70	1249.60
80-N06	71188.60	58197.70	1249.60
80-N07	71167.50	58201.20	1248.80
80-N08	71166.60	58201.20	1248.80
80-N09	71185.10	58179.20	1250.90
80-N10	71184.20	58179.20	1250.90
80-N11	71196.50	58257.50	1253.30
80-N12	71196.50	58257.50	1253.30

Hole ID	Northing	Easting	Elevation
80-N13	71190.40	58240.80	1253.00
80-N14	71189.50	58240.80	1253.00
80-N15	71164.00	58245.20	1248.50
80-N16	71163.10	58245.20	1248.50
80-N17	71140.30	58227.60	1241.80
81-001	67051.81	62748.51	938.37
81-002	67010.82	62682.64	929.35
81-003	67091.59	62797.52	925.69
81-004	67009.23	62168.89	933.46
81-005	66532.17	61468.36	989.41
81-006	66621.29	61435.41	968.82
81-007	66053.44	60988.87	997.60
81-009	62832.67	60808.26	1437.27
81-010	61649.00	61254.10	1384.90
81-010A	66700.10	61481.50	955.00
81-011	61655.70	61283.70	1387.20
81-011A	66659.40	61475.50	972.00
81-012	61650.40	61238.10	1383.60
81-013	61664.80	61313.30	1392.50
81-014	61621.90	61208.30	1376.80
81-015	61661.70	61205.50	1383.70
81-016	61624.30	61291.20	1383.50
81-017	61638.40	61172.60	1378.60
81-018	61599.60	61178.70	1376.20
81-019	61345.30	61095.50	1337.00
81-022	61394.90	61067.10	1336.20
81-020	61345.10	61065.70	1332.10
81-021	61381.00	61100.00	1340.30
81-023	61344.80	61030.90	1327.20
81-024	61398.20	61033.50	1334.50
81-025	61317.70	61056.20	1327.00
81-026	61317.80	61055.30	1327.00
81-027	61283.50	61095.10	1327.00
81-028	61270.40	61048.60	1328.20
81-029	61218.50	61116.20	1326.90
81-030	61209.40	61082.80	1328.30
81-031	61183.90	61128.80	1326.60
81-032	61190.80	61172.00	1327.80
81-033	61228.00	61148.00	1333.30
81-034	61127.80	61147.30	1333.30
81-035	61257.30	61134.20	1328.60
81-036	61042.20	61134.00	1308.80
81-037	61038.90	61104.30	1309.80
81-038	61118.90	61127.00	1322.70
81-132	64219.22	61900.55	1348.10
81-133	64219.20	61901.15	1348.70
81-134	64219.47	61899.65	1348.70
81-135	64223.20	61884.30	1348.20
81-136	64222.98	61884.18	1349.90
81-137	64354.10	61662.50	1280.70

Hole ID	Northing	Easting	Elevation
81-138	64353.40	61664.00	1280.70
81-139	64353.40	61664.00	1280.90
81-140	64353.40	61664.00	1282.10
81-141	64354.10	61662.50	1282.80
81-142	64354.10	61662.50	1282.80
81-143	64393.79	61478.12	1400.10
81-144	64394.63	61456.67	1401.20
81-145	64324.30	61535.80	1282.00
81-146	64395.50	61496.87	1398.20
81-147	64446.20	61616.77	1391.30
81-148	64362.20	61636.30	1279.00
81-149	64450.79	61578.11	1387.50
81-150	64362.50	61635.60	1279.00
81-151	64466.74	61499.40	1372.00
81-152	64332.26	61889.16	1346.40
81-153	64332.46	61889.14	1346.40
81-154	64466.58	61499.36	1372.00
81-155	64355.58	61904.33	1338.40
81-156	64364.62	61468.66	1412.00
81-157	64308.49	61579.99	1439.60
81-158	64423.39	61819.58	1341.20
81-159	64322.06	61629.94	1440.60
81-160	64362.50	61633.75	1279.00
81-161	64300.30	61547.90	1352.40
81-162	64295.10	61577.50	1352.30
81-163	64303.00	61550.60	1353.50
81-164	64304.20	61554.90	1353.40
81-165	64305.20	61554.60	1352.60
81-166	64304.30	61552.80	1355.40
81-167	64300.40	61543.20	1354.70
81-169	64260.20	61812.30	1283.20
81-170	64325.36	61881.31	1353.80
81-171	64280.40	61573.04	1446.00
81-172	64325.36	61881.31	1353.80
81-173	64325.25	61881.75	1353.90
81-174	64280.41	61573.04	1446.10
81-175	64285.67	61597.15	1447.50
81-176	64325.25	61881.80	1353.90
81-177	64323.09	61883.65	1354.30
81-178	64285.66	61597.16	1447.30
81-179	64293.12	61556.33	1437.50
81-180	64340.83	61829.86	1376.20
81-181	64293.12	61556.33	1437.50
81-182	64308.59	61578.80	1438.10
81-183	64340.49	61829.86	1376.40
81-184	64423.90	61822.64	1340.50
81-185	64340.45	61829.83	1376.00
81-186	64399.43	61854.96	1341.00
81-187	64327.45	61942.17	1367.50
81-188	64327.45	61942.17	1367.50

Hole ID	Northing	Easting	Elevation
81-189	64263.63	61983.85	1409.90
81-190	64385.74	61862.64	1343.00
81-191	64385.74	61862.64	1343.00
81-192	64386.02	61862.70	1343.30
81-193	64385.70	61862.60	1343.30
81-194	64387.33	61863.31	1343.70
81-195	64418.80	61819.00	1340.40
81-196	64346.38	61823.99	1376.30
81-197	64418.60	61819.10	1340.50
81-198	64346.57	61824.20	1376.10
81-199	64418.85	61819.07	1340.51
81-B02	64327.80	61536.50	1285.00
81-B03	64324.40	61602.20	1285.00
81-B04	64327.00	61569.50	1285.00
81-B06	64324.20	61604.00	1285.00
81-B07	64327.00	61603.60	1285.00
81-B08	64356.40	61530.50	1285.00
81-B09	64300.70	61748.00	1285.00
81-B10	64298.40	61749.40	1285.00
81-B11	64331.20	61564.60	1285.60
81-B12	64331.20	61564.60	1285.00
81C-1	61254.90	61119.80	1328.60
81C-2	61249.90	61101.80	1327.50
81C-3	61238.40	61055.10	1327.90
81C-4	61212.40	61136.70	1325.70
81C-5	61619.20	61241.00	1377.20
81C-6	61619.20	61241.00	1377.20
81C-7	61617.20	61239.40	1377.20
81C-8	61620.30	61258.30	1378.90
81C-9	61622.20	61257.90	1378.90
82-15	62753.80	60865.80	1420.50
82-15A	62755.20	60865.20	1420.40
82-16	62754.10	60851.30	1419.10
82-17	62753.50	60835.90	1416.70
82-18	62755.20	60879.30	1421.80
82-19	62754.80	60894.80	1422.80
82-19A	62755.90	60894.60	1422.80
82-200	64611.00	61872.30	1205.00
82-201	64291.00	61844.00	1246.30
82-202	64305.20	61938.50	1284.70
82-203	64309.60	61938.50	1284.70
82-204	64291.00	61844.00	1246.30
82-205	64300.80	61609.80	1353.40
82-206	64300.40	61627.00	1353.00
82-207	64578.00	61857.00	1202.20
82-208	64611.00	61872.30	1205.00
82-209	64579.70	61857.80	1202.90
82-210	64603.21	61850.86	1203.10
82-211	64593.93	61864.38	1202.80
82-212	64576.40	61860.95	1203.10

Hole ID	Northing	Easting	Elevation
82-213	64580.37	61861.56	1204.50
82-214	64576.38	61861.35	1204.00
82-215	64580.29	61860.38	1202.20
82-216	64580.56	61861.27	1202.60
82-217	64579.49	61855.33	1202.10
82-218	64520.64	61836.93	1205.00
82-220	64460.51	61793.52	1340.50
82-221	64460.04	61793.28	1340.50
82-222	64585.48	61891.72	1272.10
82-223	64544.46	61941.64	1300.40
82-224	64176.78	61483.35	1466.10
82-225	64145.74	61540.05	1475.40
82-226	64256.14	61484.23	1449.60
82-227	64283.41	61594.94	1446.40
82-228	64544.33	61941.06	1300.00
82-229	64206.11	61855.04	1416.80
82-230	64268.45	61759.12	1207.70
82-231	64607.27	61852.79	1206.00
82-232	64605.79	61827.24	1206.10
82-233	64604.22	61820.92	1206.00
82-234	64291.82	61844.47	1255.50
82-235	64212.98	61821.27	1207.00
82-236	64363.90	61685.25	1277.30
82-237	64225.74	61806.80	1207.00
82-238	64128.91	61849.42	1284.00
82-239	64107.52	61834.74	1284.70
82-240	64208.07	61856.63	1415.90
82-241	64163.44	61818.31	1448.00
82-242	64161.95	61817.86	1448.40
82-243	64161.76	61817.76	1448.20
82-244	64162.20	61817.62	1448.20
82-245	64181.90	61774.30	1457.80
82-246	64205.10	61767.87	1454.70
82-247	64255.82	61740.89	1447.30
82-248	64347.70	61939.70	1354.90
83-001	61156.60	61126.60	1324.20
83-002	61123.90	61145.40	1323.00
83-003	61110.70	61157.80	1322.10
83-004	61139.40	61163.10	1324.00
83-005	61139.50	61162.00	1324.40
83-006	61139.50	61174.60	1325.30
83-007	61149.40	61317.80	1327.90
83-009	61253.60	61024.50	1330.00
83-010	61391.70	61098.30	1340.30
83-011	61393.20	61097.90	1340.30
83-012	61589.00	61166.00	1374.80
83-013	61665.00	61318.00	1392.50
83-014	61687.60	61302.10	1395.00
83-015	61589.00	61167.00	1374.80
83-016	61501.60	60889.60	1346.60

Hole ID	Northing	Easting	Elevation
83-017	61501.60	60889.60	1346.60
83-018	61501.60	60889.60	1346.60
83-019	61498.00	60872.00	1346.00
83-020	61496.00	60872.00	1346.00
83-021	61556.00	60897.00	1357.00
83-022A	61560.00	60879.00	1360.00
83-022B	61569.00	60867.00	1370.00
83-023	61979.00	61201.00	1421.00
83-024	62595.41	60714.35	1381.96
83-024B	62757.49	60943.25	1433.26
83-025	61160.80	61170.90	1326.10
83-026	62754.27	60991.31	1441.85
83-026C	61167.90	61178.70	1325.80
83-027	62755.70	61043.85	1449.79
83-027C	61183.00	61177.90	1327.70
83-028	62754.28	61094.57	1456.99
83-028C	61094.20	61154.30	1319.50
83-029	62676.52	61125.67	1450.86
83-030	62856.00	61219.03	1476.29
83-250	64548.66	61927.72	1206.30
83-251	64548.47	61927.79	1205.70
83-252	64540.50	61883.70	1206.40
83-253	64212.88	61821.08	1207.20
83-254	64525.67	61857.70	1205.70
83-255	64525.77	61857.18	1205.30
83-256	64525.58	61855.87	1205.27
83-257	64524.82	61856.95	1205.56
83-258	64606.76	61868.96	1205.62
83-259	64606.55	61868.67	1205.28
83-260	64108.13	61833.72	1283.18
83-261	64103.39	61832.91	1283.23
83-262	64270.14	61833.28	1207.23
83-263	64528.50	61868.87	1205.47
83-264	64168.43	61720.72	1207.87
83-265	64170.88	61717.54	1209.56
83-266	64171.10	61717.60	1209.30
83-267	64062.30	61779.40	1284.70
83-268	64616.80	61891.00	1205.60
83-269	64463.19	61846.76	1206.17
83-270	64463.31	61846.38	1206.13
83-271	64463.18	61846.36	1205.56
83-272	64462.75	61845.96	1205.71
83-273	64463.10	61845.15	1205.34
83-274	64463.01	61845.11	1205.31
83-275	64156.12	61757.90	1233.29
83-276	64156.07	61757.89	1232.96
83-277	64261.68	61722.34	1207.95
83-278	64260.67	61721.20	1208.04
83-280	64607.21	61869.60	1205.18
83-281	64303.24	61622.16	1279.46

Hole ID	Northing	Easting	Elevation
83-282	64303.24	61622.16	1279.45
83-283	64303.55	61618.53	1279.23
83-284	64361.27	61639.54	1278.04
83-285	64361.53	61639.85	1277.70
83-286	64362.40	61639.20	1277.80
83-287	64361.86	61636.41	1278.08
83-288	64362.00	61636.50	1277.80
83-289	64362.26	61636.23	1277.90
83-290	64365.50	61637.70	1278.09
83-291	64363.50	61638.10	1278.60
83-292	64365.30	61636.30	1277.90
83-293	64365.30	61636.98	1277.96
83-294	64331.41	61569.94	1279.60
83-295	64331.46	61569.86	1279.65
83-296	64331.34	61569.54	1279.83
83-297	64326.54	61569.23	1280.29
83-301	64179.29	61688.73	1478.40
83-302	64086.50	61733.69	1482.00
83-303	64101.18	61815.89	1467.90
83-304	64200.31	61625.47	1475.40
83-305	64149.56	61640.57	1481.80
83-306	64170.74	61587.57	1476.90
83-307	64043.15	61754.08	1489.90
83-308	64154.23	61718.85	1475.00
83-309	64574.34	61996.49	1299.10
83-310	64574.88	61996.35	1299.10
83-311	64517.88	62051.64	1335.30
83-312	64688.90	61973.91	1254.40
83-313	64668.72	61946.70	1257.30
83-314	64583.90	62015.67	1300.10
83-315	64589.27	62054.05	1305.00
83-316	64169.77	62000.58	1444.50
83-317	64022.76	61983.56	1484.50
83-318	63985.78	62021.19	1497.80
83-319	63940.80	62031.75	1505.50
83-320	63957.98	62066.69	1510.10
83-321	64000.57	62036.60	1499.50
83-322	64005.90	62034.60	1499.20
83-323	64011.89	62045.02	1500.00
83-324	63989.83	61998.29	1492.40
83-325	63994.45	61995.50	1492.80
83-326	63997.26	61976.36	1488.10
83-327	63986.83	61983.30	1490.30
83-328	63986.68	61963.62	1487.00
83-329	63986.68	61963.62	1487.00
83-330	64023.03	62023.27	1492.40
83-331	63980.55	61951.01	1487.57
83-332	63993.68	61931.34	1482.90
83-333	64022.28	61922.12	1473.70
83-334	64022.28	61922.12	1473.70

Hole ID	Northing	Easting	Elevation
83-335	64022.28	61922.12	1473.65
83-336	64022.95	61922.07	1473.10
83-337	64025.27	61876.49	1474.10
83-338	64025.08	61876.67	1473.80
83-339	64025.39	61876.79	1473.20
83-340	64066.85	61897.73	1457.00
83-341	63991.46	62057.50	1505.64
83-342	64006.00	62061.54	1504.77
83-343	63964.11	62081.63	1512.95
83-344	63955.17	61949.90	1491.91
83-350	64063.38	61810.06	1285.47
83-351	64068.56	61815.32	1284.91
83-352	64043.52	61783.84	1282.47
83-353	64096.60	61687.81	1281.29
83-354	64103.70	61669.86	1279.24
83-355	64104.24	61700.42	1279.23
83-356	64226.60	61651.86	1210.83
83-357	64220.22	61651.17	1209.47
83-358	64000.48	61947.74	1391.27
83-N18	71387.32	59327.16	1187.47
83-N19	71370.09	59327.01	1189.41
83-N20	71351.02	59017.68	1220.00
83-N21	71330.91	59016.29	1221.80
83-N22	71182.50	58159.00	1249.70
83-N23	71182.50	58159.00	1249.70
83-N24	71133.66	58170.63	1241.90
83-N25	71175.40	58120.40	1249.90
83-N26	71175.40	58120.40	1249.90
83-N27	71164.00	58062.94	1250.90
83-N28	71150.80	58065.00	1249.70
83-N29	71152.60	58025.60	1250.00
83-N30	71152.60	58025.50	1250.00
83-N31	71261.46	58260.55	1253.50
83-N32	71123.80	58266.50	1237.70
83-N33	71123.80	58266.50	1237.70
84-359	64054.67	61965.84	1388.40
84-360	64135.90	61931.00	1387.60
84-361	64213.33	61638.44	1211.16
84-362	64007.60	61959.00	1434.50
84-363	64007.17	61958.27	1436.97
84-365	64325.83	61624.78	1276.67
84-366	64325.79	61624.77	1278.28
84-367	64325.78	61624.72	1278.45
84-368	64361.47	61637.00	1278.11
84-369	64364.06	61682.84	1277.68
84-370	64201.79	61879.10	1348.98
84-371	64200.93	61878.15	1349.56
84-372	64202.80	61878.13	1348.66
84-373	64200.94	61877.16	1348.87
84-374	64200.90	61877.16	1348.53

Hole ID	Northing	Easting	Elevation
84-375	64325.05	61644.55	1211.40
84-376	64324.58	61644.23	1211.04
84-377	64328.02	61642.71	1210.22
84-378	64330.92	61613.92	1212.43
84-379	64244.03	61656.24	1278.71
84-380	64244.06	61656.00	1278.79
84-381	64244.09	61655.80	1278.66
84-382	64244.14	61656.10	1278.60
84-383	64244.20	61656.10	1278.40
84-384	64244.20	61655.90	1278.40
84-385	64244.40	61656.00	1278.25
84-386	64244.04	61656.27	1278.65
84-387	64244.70	61656.10	1278.40
84-388	64244.20	61655.40	1278.60
84-389	64244.78	61652.93	1278.54
84-390	64303.25	61945.79	1281.53
84-391	64303.38	61944.81	1282.23
84-392	64041.10	61784.90	1283.10
84-393	64041.26	61784.85	1282.37
84-394	64094.96	61827.63	1282.72
84-395	64094.90	61827.60	1282.20
84-396	64010.37	61991.70	1388.50
84-397	64010.30	61991.70	1388.20
84-398	64036.43	61981.66	1388.24
84-399	63996.99	61975.16	1389.01
84-400	63507.34	64156.53	1502.77
84-401	63530.50	64127.39	1509.17
84-402	63503.89	64125.76	1505.61
84-403	63488.76	64143.55	1505.91
84-404	63544.51	64139.72	1508.39
84-405	63311.51	64071.18	1512.09
84-406	63323.85	64118.10	1509.65
84-407	63415.00	63230.80	1597.10
84-408	63414.19	63191.85	1600.91
84-409	63481.47	63150.18	1611.00
84-410	63482.00	63150.14	1610.96
84-411	63491.37	63208.32	1606.48
84-412	63474.12	64595.40	1485.18
84-413	63442.76	64555.53	1487.01
84-414	63468.88	64515.04	1490.20
84-415	63459.97	64434.60	1491.39
84-416	63572.94	64630.30	1482.98
84-417	63564.98	64590.21	1484.04
84-418	63576.30	64548.78	1486.76
84-419	63630.47	64529.90	1488.51
84-420	63279.46	64156.81	1516.35
84-421	63329.59	64158.54	1517.21
84-422	64393.98	61938.41	1343.91
84-423	64518.10	62046.92	1334.20
84-424	64004.95	61907.84	1475.40

Hole ID	Northing	Easting	Elevation
84-425	64061.02	61901.17	1457.71
84-426	63997.56	61886.90	1476.20
84-427	64049.86	62056.09	1495.00
84-428	64231.53	62604.45	1585.10
84-429	64096.28	61454.14	1486.00
84-430	64583.41	62016.29	1300.00
84-431	64534.44	62087.18	1335.00
84-432	64469.64	62074.78	1371.80
84-433	64470.49	62029.84	1359.32
84-434	64546.09	62113.38	1333.18
84-435	64529.74	62094.02	1337.30
84-436	64529.48	62093.91	1337.32
84-437	64529.06	62093.53	1338.23
84-438	64011.79	61987.45	1489.03
84-439	63985.83	61951.39	1489.86
84-440	63993.33	61949.87	1489.28
84-441	64070.93	61984.63	1473.24
84-442	64122.91	61981.69	1459.36
84-443	64104.85	62106.25	1498.23
84-444	63991.42	61951.44	1488.69
84-445	63990.38	61950.64	1488.79
84-446	63463.19	62670.67	1645.06
84-447	63466.87	62646.68	1644.95
84-448	63474.95	62632.49	1644.10
84-449	63478.04	62610.29	1643.31
84-450	64364.06	61683.23	1277.56
84-451	63996.99	61975.20	1390.00
84-452	63997.10	61977.30	1389.20
84-453	64332.40	62017.70	1283.80
84-454	64329.28	62020.74	1283.43
84-455	64329.28	62020.74	1283.46
84-456	64332.24	62017.34	1283.48
84-457	64009.90	61992.30	1388.30
84-458	64011.20	61991.70	1388.20
84-459	64005.50	61974.30	1388.10
84-460	64005.80	61974.20	1388.20
84-461	64005.60	61974.20	1388.30
84-462	64005.20	61973.90	1387.90
84-463	64040.70	61785.50	1283.70
84-500	63477.58	62587.43	1641.72
84-501	63472.98	62565.34	1641.86
84-502	63472.20	62549.05	1644.53
84-503	63471.21	62532.26	1648.31
84-504	63531.24	62551.83	1650.85
84-505	63495.14	62575.98	1644.60
84-506	63490.63	62559.70	1644.94
84-507	63490.60	62596.94	1643.81
84-508	63483.36	62541.70	1648.84
84-509	63451.77	62437.75	1655.10
84-510	63463.84	62363.24	1656.87

Hole ID	Northing	Easting	Elevation
84-511	63474.41	62392.21	1658.66
84-512	63475.45	62359.48	1655.37
84-513	63473.71	62342.62	1653.29
84-514	63497.37	62372.11	1657.71
84-515	63354.97	63279.38	1594.19
84-516	63276.54	63275.62	1585.97
84-517	63443.70	63469.14	1596.24
84-518	63291.33	63526.15	1579.47
84-519	63391.33	63646.14	1573.94
84-520	63268.07	63732.37	1560.30
84-521	63233.15	63750.01	1543.20
84-522	63304.18	63784.44	1559.82
84-523	63307.94	63821.28	1556.86
84-524	63306.86	63864.31	1550.59
84-525	63342.32	64077.95	1510.07
84-526	63370.45	64075.87	1510.29
84-527	63344.62	63973.41	1532.93
84-528	63301.92	63948.64	1531.57
84-529	63323.29	63910.00	1544.39
84-530	63323.05	63956.79	1531.30
84-531	63303.32	63960.22	1531.70
84-532	63304.48	63979.29	1531.60
84-533	63280.91	63951.94	1531.48
84-534	63280.37	63933.12	1532.88
84-535	63291.06	63968.53	1531.65
84-536	63284.75	63993.70	1530.17
84-537	63361.85	63923.98	1545.31
84-538	63347.44	63889.72	1549.72
84-539	63347.44	63889.72	1549.72
84-540	63300.25	63996.77	1531.72
84-541	63294.84	64054.31	1512.53
84-542	63298.55	64093.66	1511.51
84-543	63508.21	62343.17	1649.40
84-544	63545.52	62361.07	1650.45
84-545	63591.50	62365.44	1643.51
84-546	63523.62	62389.98	1659.86
85-081	61694.02	61335.48	1399.50
85-082	61662.66	61254.04	1385.80
85-083	61630.29	61297.82	1386.00
85-084	61633.22	61156.14	1379.30
85-085	61231.34	61054.93	1330.10
85-086	61224.89	61044.13	1331.40
85-087	61276.81	61192.12	1343.70
85-088	61217.79	61171.61	1331.70
85-089	61201.46	61239.55	1330.50
85-090	61535.23	60874.93	1356.80
85-091	61546.23	60853.02	1358.50
85-092	61501.02	60846.62	1350.80
85-093	61126.92	61091.12	1325.80
85-094	61110.19	61125.15	1322.40

Hole ID	Northing	Easting	Elevation
85-095	61096.21	61122.53	1320.70
85-096	61094.32	61121.52	1320.70
85-097	61086.96	61095.32	1319.70
85-098	61016.43	60935.04	1323.30
85-099	60967.51	60943.25	1306.40
85-100	57673.68	61804.16	1179.00
85-101	57690.52	61812.64	1176.80
85-102	57661.70	61841.30	1176.60
85-103	57681.62	61847.48	1174.00
85-104	57670.16	61853.53	1173.70
85-105	57674.57	61868.10	1173.20
85-106	57641.54	61855.10	1173.90
85-107	61219.74	61185.48	1333.30
85-108	61219.02	61184.72	1333.50
85-109	61218.91	61172.15	1331.60
85-110	61219.62	61274.20	1335.80
85-111	61214.70	61258.67	1336.10
85-112	61201.98	61233.90	1330.59
85-113	61202.06	61233.89	1330.40
85-114	61219.48	61241.96	1335.10
85-115	61240.58	61269.12	1340.70
85-116	61236.94	61260.77	1339.90
85-117	61257.16	61189.87	1341.00
85-118	61256.95	61262.09	1342.00
85-119	61266.44	61334.59	1350.20
85-120	61211.38	61338.72	1338.10
85-121	61211.47	61338.70	1337.90
85-122	61221.51	61356.86	1341.90
85-123	61227.97	61376.29	1344.80
85-124	61158.13	61337.33	1328.50
85-125	61285.65	61328.71	1353.90
85-126	61233.09	61343.77	1343.70
85-127	61120.28	61176.75	1323.50
85-128	61130.82	61151.88	1323.80
85-129	61156.22	61192.77	1326.60
85-130	61199.42	61391.06	1339.30
85-131	61249.15	61407.63	1354.10
85-132	61249.39	61407.74	1354.00
85-133	61249.10	61424.57	1355.70
85-134	61259.33	61394.27	1355.50
85-135	61292.69	61401.00	1364.30
85-136	61283.19	61386.76	1360.20
85-137	61283.43	61386.65	1360.10
85-138	61315.05	61408.33	1372.90
85-139	61315.25	61408.30	1372.70
85-140	61391.21	61249.44	1362.90
85-141	61331.80	61254.04	1353.64
85-142	61449.82	61249.68	1370.31
85-143	61345.93	61436.03	1388.00
85-144	61318.11	61455.41	1380.60

Hole ID	Northing	Easting	Elevation
85-145	61282.15	61424.86	1367.20
85-146	61394.09	61414.26	1393.30
85-147	61328.58	61492.42	1385.20
85-148	61295.48	61341.63	1355.80
85-149	61359.31	61540.56	1396.69
85-150	61308.56	61388.26	1367.70
85-151	61288.62	61314.61	1353.40
85-152	61264.96	61274.99	1344.40
85-153	61293.11	61254.53	1347.80
85-154	61261.62	61233.84	1342.20
85-155	61239.28	61220.32	1338.90
85-156	61244.03	61196.33	1338.60
85-157	61274.43	61198.09	1344.70
85-464	64364.87	61685.60	1276.60
85-465	64298.75	61756.81	1279.62
85-466	64477.76	61858.22	1141.66
85-467	64477.76	61857.81	1142.03
85-468	64477.76	61857.96	1141.58
85-469	64326.06	61615.52	1209.26
85-470	64326.06	61615.55	1208.60
85-471	64326.86	61614.60	1208.82
85-472	64365.09	61685.37	1276.60
85-473	64290.05	61736.35	1282.27
85-474	63953.98	61855.45	1284.58
85-475	63955.14	61856.03	1284.30
85-476	63953.27	61854.81	1284.26
85-477	64364.73	61683.52	1277.48
85-478	64333.26	62017.57	1283.37
85-479	64329.85	62018.30	1283.94
85-547	65089.03	61669.73	1206.91
85-548	65097.93	61708.63	1203.60
85-549	65097.85	61708.38	1203.40
85-550	65154.64	61757.77	1180.40
85-551	65168.23	61814.30	1166.80
85-552	65250.05	61845.08	1136.00
85-553	63900.67	61828.53	1503.00
85-554	63346.90	63785.73	1564.27
85-555	63300.03	63743.79	1562.22
85-556	63316.75	63699.17	1565.46
85-557	63283.00	63666.00	1565.50
85-558	63348.00	63846.00	1560.00
85-559	63327.50	63846.00	1560.00
85-560	63307.00	63846.00	1547.00
85-561	63302.15	63667.15	1567.19
85-562	63263.90	63662.70	1570.06
85-563	63283.28	63624.02	1570.28
85-564	63289.44	63586.76	1571.65
85-565	63283.64	63679.78	1567.99
85-566	63374.13	64317.86	1489.15
85-567	63399.63	64244.17	1508.06

Hole ID	Northing	Easting	Elevation
85-568	63309.04	63582.94	1573.26
85-569	63294.77	63548.78	1576.32
85-570	63392.13	63965.60	1535.95
85-571	63447.35	63964.94	1538.50
85-572	63501.02	63965.10	1535.94
85-573	63622.76	63965.75	1520.71
85-574	63529.08	63723.94	1570.96
85-575	63670.58	63965.47	1527.19
85-576	63635.86	62654.96	1671.33
85-577	63822.24	62510.81	1619.92
85-578	63822.00	62510.81	1620.17
85-579	66095.57	61558.92	977.20
85-580	65181.84	61723.52	1177.90
85-581	65182.00	61723.52	1177.90
85-582	65189.00	61752.00	1165.00
85-583	65202.00	61797.00	1153.00
85-584	65155.17	61758.02	1180.60
85-585	65163.51	61815.71	1166.20
85-586	65874.80	61500.34	983.80
85-587	65909.09	61455.18	982.80
85-588	65987.95	61471.99	981.90
85-589	65916.72	61474.78	981.00
85-590	63268.73	63582.38	1570.14
85-591	63316.80	63566.04	1574.23
85-592	63317.00	63512.00	1579.00
85-593	63351.86	63436.52	1596.51
85-594	63364.01	63406.44	1599.26
85-595	63389.61	63365.28	1601.86
85-596	63370.95	63367.56	1600.54
85-597	63564.95	64685.35	1477.03
85-598	63590.75	64643.76	1480.80
85-599	63516.57	64498.24	1491.47
85-600	63517.60	64465.34	1491.61
86-031	62798.25	60865.30	1431.50
86-032	62844.17	60860.72	1444.23
86-033	62589.96	60863.83	1397.31
86-034	62502.13	60704.97	1382.52
86-158	61420.27	61543.30	1409.20
86-159	61318.77	61280.49	1353.20
86-160	61050.06	61217.61	1314.35
86-161	61005.84	61219.69	1306.80
86-162	61006.35	61218.29	1307.80
86-163	60937.09	61221.36	1300.50
86-164	61282.51	61221.52	1342.20
86-165	61291.02	61183.45	1345.90
86-166	61329.02	61296.75	1356.10
86-167	61339.11	61317.35	1361.20
86-168	61339.82	61316.89	1361.30
86-169	61171.95	61262.76	1329.20
86-170	61256.10	61145.77	1333.40

Hole ID	Northing	Easting	Elevation
86-171	61259.40	61138.67	1333.70
86-172	61263.51	61107.66	1328.30
86-173	61631.37	61313.45	1387.60
86-174	61609.62	61327.20	1388.90
86-175	61681.62	61280.60	1391.10
86-176	61252.62	61463.41	1254.00
86-177	61245.10	61510.15	1247.00
86-178	61287.36	61574.97	1240.60
86-179	61292.00	61572.50	1240.00
86-180	61138.75	61282.58	1327.40
86-181	61019.48	60964.70	1317.90
86-182	61857.41	60841.91	1383.30
86-183	61861.55	60855.20	1384.10
86-184	61882.53	60842.89	1385.50
86-185	61877.55	60873.85	1387.50
86-186	61883.67	60893.85	1387.52
86-187	61853.74	60815.54	1381.10
86-188	61890.11	60912.95	1387.50
86-189	61916.08	60896.48	1388.70
86-190	61854.47	60936.39	1385.60
86-191	61251.11	61466.56	1253.80
86-192	61251.23	61466.69	1253.50
86-193	61175.92	61450.66	1337.90
86-194	61187.73	61365.40	1263.60
86-195	61188.53	61365.36	1263.10
86-196	61188.74	61365.65	1262.90
86-197	61187.77	61362.90	1263.20
86-601	63292.62	63728.62	1562.89
86-602	63288.92	63705.26	1565.84
86-603	63330.76	63728.52	1565.66
86-604	63332.05	63669.51	1567.93
86-605	63295.34	63644.32	1568.88
86-606	63270.81	63635.67	1567.61
86-607	63256.78	63610.89	1566.73
86-608	63285.98	63606.56	1570.63
86-609	63324.66	63546.32	1574.70
86-610	63345.59	63497.25	1584.91
86-611	63370.64	63448.19	1596.71
86-612	63364.20	63297.88	1598.54
86-613	63311.27	64062.34	1512.49
86-614	63347.94	64123.80	1508.10
86-615	63564.44	64711.39	1472.65
86-616	63613.59	64620.73	1481.03
86-617	63691.47	64672.01	1469.20
86-618	63655.34	64579.45	1478.41
86-619	63655.68	64579.47	1477.04
86-620	63731.22	64534.39	1475.83
86-621	63731.60	64534.35	1474.93
86-622	63729.48	64493.59	1474.86
86-623	63729.69	64493.58	1474.76

Hole ID	Northing	Easting	Elevation
86-624	63680.65	64454.14	1479.09
86-625	65182.99	61595.69	1178.00
86-626	65216.67	61743.22	1160.90
86-627	65245.69	61793.06	1139.20
86-628	64503.74	61735.97	1340.60
86-629	64340.98	61162.62	1349.10
86-630	64346.45	62013.25	1387.40
86-631	64483.17	62141.90	1380.50
86-632	64485.11	62141.02	1380.40
86-633	63958.53	61705.53	1509.10
86-634	63849.50	62000.10	1508.30
86-635	64124.18	62093.92	1494.90
86-636	64194.83	62049.79	1461.40
86-637	64168.97	62073.38	1477.00
86-638	63516.77	64700.87	1474.58
86-639	63637.28	64609.88	1479.38
86-640	65143.44	61566.98	1184.20
86-641	63627.43	64556.92	1482.12
86-642	63694.50	64525.07	1482.51
86-643	63644.06	64522.85	1490.64
86-644	63612.24	64498.54	1496.99
86-645	63610.63	64524.83	1490.65
86-646	63367.24	63318.37	1601.98
86-647	63360.59	63277.39	1593.38
86-648	63377.61	63268.02	1593.52
86-649	63366.30	63341.87	1602.21
86-650	63366.70	63382.25	1599.94
86-651	63398.64	63275.56	1596.06
86-652	63485.58	63225.56	1604.06
86-653	63577.49	63914.92	1536.35
86-654	63817.51	63969.32	1529.17
86-655	63545.56	64016.34	1519.74
86-656	63817.73	63974.32	1528.79
87-198	61187.44	61363.86	1264.00
87-199	61310.50	61612.97	1241.00
87-200	61310.50	61612.97	1240.96
87-201	61294.72	61609.58	1241.30
87-202	61293.64	61606.83	1240.50
87-203	61289.51	61609.06	1240.40
87-204	61291.09	61608.07	1241.50
87-205	61310.36	61612.60	1241.30
87-206	61244.81	61510.21	1247.20
87-207	61289.62	61606.00	1241.00
87-208	61289.45	61605.44	1240.80
87-209	61289.69	61606.72	1240.30
87-210	61289.42	61605.17	1241.20
87-211	61245.30	61509.50	1247.50
87-212	61260.12	61513.37	1245.00
87-213	61260.01	61513.02	1244.80
87-214	61224.85	61323.28	1261.70

Hole ID	Northing	Easting	Elevation
87-215	61226.46	61327.99	1261.80
87-216	61224.28	61320.58	1262.20
87-217	61224.25	61320.51	1262.40
87-218	61131.05	61410.28	1255.60
87-220	61423.90	61782.50	1397.60
87-222	61395.47	61789.93	1398.40
87-223	60997.49	61256.11	1309.90
87-224	61026.63	60976.78	1315.90
87-225	57732.70	61837.99	1174.60
87-226	57691.13	61788.66	1179.90
87-227	60965.50	61229.12	1306.30
87-228	60941.56	61271.74	1305.80
87-229	60917.66	61285.74	1303.70
87-657	64366.06	61639.30	1278.66
87-658	64365.96	61639.17	1278.81
87-659	64306.52	61828.30	1206.17
87-660	64366.07	61638.88	1278.83
87-661	64467.30	61840.03	1206.87
87-662	64366.05	61638.84	1278.86
87-663	64213.97	61530.66	1280.85
87-664	65209.67	61643.30	1138.12
87-665	64333.47	61472.03	1282.23
87-666	64790.89	61771.73	1139.75
87-667	64321.95	61536.23	1282.42
87-668	64332.30	61535.69	1281.85
87-669	64658.99	61835.68	1139.45
87-670	64331.80	61569.01	1280.56
87-671	64077.56	62166.16	1521.48
87-672	64178.90	62389.27	1555.94
87-673	64030.91	62167.55	1526.76
87-674	63989.42	62191.02	1539.51
87-675	64051.55	62211.55	1536.79
87-676	64105.04	62103.61	1500.04
87-677	64046.41	62121.28	1511.68
87-678	64033.83	62105.93	1511.24
87-679	64263.82	62404.91	1537.36
87-680	64056.71	62404.39	1573.10
87-681	63967.64	62409.19	1579.52
87-682	64050.31	62159.46	1522.80
87-683	64019.13	62107.97	1512.46
87-684	63474.93	61888.97	1652.31
87-685	63475.44	61892.10	1652.25
87-686	63452.49	61937.23	1663.17
87-687	63386.19	61937.51	1666.08
87-688	63271.90	61936.32	1656.62
87-689	63148.16	61937.29	1630.06
87-690	63129.45	61946.96	1623.22
87-691	63127.03	61925.59	1620.32
87-692	63028.57	62026.10	1599.25
87-693	64518.90	61797.13	1323.30

Hole ID	Northing	Easting	Elevation
87-694	64668.36	61756.39	1294.58
87-695	64583.99	61809.46	1298.92
87-696	64864.96	61647.90	1265.63
87-697	64834.24	61643.45	1274.39
87-698	64859.01	61691.71	1266.14
87-699	64644.17	61900.69	1264.12
87-700	64790.73	61771.97	1140.74
87-701	64286.48	61739.80	1280.62
87-702	64478.29	61859.59	1140.59
87-703	64327.54	62015.59	1283.83
87-704	64327.80	62015.90	1285.00
87-705	64332.59	62016.83	1282.89
87-706	64419.97	61834.61	1205.28
87-707	64417.17	61834.00	1206.19
87-708	64286.48	61739.80	1281.00
87-709	64323.95	61537.31	1281.25
87657V	63686.70	63902.00	1546.40
87658V	63707.60	63902.50	1547.20
87N001	61025.91	69692.46	1366.56
87N002	61026.08	69692.45	1366.24
87N003	61027.94	69685.94	1366.69
87N004	61027.62	69685.85	1366.71
87N005	61029.54	69679.84	1367.10
87N006	61050.67	69656.21	1374.74
87N007	61095.86	69664.44	1368.77
87N008	61076.81	69658.47	1370.93
87N009	61088.45	69747.27	1361.17
87N010	61138.08	69765.38	1355.77
87N011	61183.71	69770.98	1353.77
87N012	61288.52	69801.46	1348.61
88-001	65256.78	63011.40	1368.49
88-002	64147.56	63037.23	1638.80
88-003	60383.24	60242.78	1264.92
88-004	60404.63	60319.59	1260.96
88-005	60263.81	60051.18	1270.18
88-006	60355.05	60307.87	1261.83
88-007	60349.65	60151.73	1267.47
88-008	60318.29	60256.32	1265.83
88-009	60349.65	60151.73	1267.47
88-010	60264.16	60186.65	1268.81
88-011	60370.82	60134.54	1269.22
88-012	60250.86	60023.63	1272.77
88-013	60263.66	60183.85	1268.69
88-014	60258.55	60189.88	1268.98
88-015	60239.67	59990.95	1274.30
88-016	60266.64	60129.16	1267.69
88-017	60267.15	59949.77	1269.69
88-018	60380.87	60296.19	1262.45
88-019	60446.38	60006.79	1266.75
88-020	60443.28	60030.73	1267.55

Hole ID	Northing	Easting	Elevation
88-021	60441.94	60475.82	1255.09
88-022	60433.26	60056.79	1271.14
88-023	60399.21	60521.91	1256.76
88-024	60589.94	60035.27	1281.35
88-025	60346.52	60548.79	1261.58
88-026	60376.40	60301.37	1261.97
88-027	60428.11	60448.85	1255.10
88-028	60397.22	60310.98	1261.14
88-029	60405.87	60323.01	1260.36
88-029A	60405.87	60323.01	1260.36
88-030	60340.16	60092.52	1269.45
88-031	60350.35	60098.77	1270.28
88-032	60362.55	60109.26	1270.75
88-033	60365.57	60119.96	1269.64
88-034	60369.66	60125.94	1269.19
88-035	60370.78	60143.38	1268.26
88-036	60374.00	60150.42	1268.95
88-037	60381.29	60156.59	1269.00
88-038	60384.57	60161.09	1269.21
88-039	60392.67	60164.87	1270.07
88-040	60375.97	60270.78	1262.96
88-041	60378.00	60238.69	1265.47
88-042	60395.98	60263.11	1263.48
88-043	60490.26	59995.22	1267.41
88-044	60475.49	59994.36	1265.61
88-045	60188.87	60279.67	1288.51
88-046	60311.76	60004.77	1275.73
88-047	60329.92	60034.50	1276.88
88-048	60353.13	60294.93	1262.01
88-049	60424.03	60351.56	1255.00
88-050	60399.57	60650.61	1254.49
88-051	60428.35	60644.83	1254.83
88-052	60396.46	60304.46	1261.20
88-053	60398.94	60143.36	1272.15
88-054	60295.56	60253.76	1269.06
88-055	60150.96	60267.28	1286.66
88-056	60217.36	60356.75	1288.46
88-230	61310.61	61613.12	1240.80
88-231	61310.60	61613.10	1240.70
88-232	61310.59	61613.09	1240.58
88-233	61310.84	61613.26	1241.40
88-234	61310.27	61613.22	1241.20
88-235	61309.90	61613.06	1241.20
88-236	61310.84	61613.26	1240.90
88-237	61311.04	61613.38	1240.90
88-238	61192.96	61361.29	1264.10
88-239	61200.05	62353.02	1371.90
88-240	61178.52	61198.35	1327.70
88-241	61178.56	61197.97	1327.60
88-242	61179.66	61198.82	1327.70

Hole ID	Northing	Easting	Elevation
88-243	61233.17	61183.99	1334.10
88-244	61232.70	61200.20	1335.30
88-245	61267.28	61238.92	1342.10
88-246	61239.37	61213.65	1338.00
88-247	61239.53	61141.85	1331.10
88-248	61195.63	61160.50	1328.00
88-249	61244.85	61154.93	1332.90
88-250	61255.79	61116.46	1328.40
88-251	61168.09	61231.56	1328.90
88-252	61165.65	61231.67	1329.00
88-253	61166.21	61229.44	1329.00
88-254	61165.99	61236.08	1328.50
88-255	61155.97	61237.48	1329.60
88-256	61154.34	61236.95	1329.50
88-257	61460.57	61374.40	1393.70
88-258	61413.44	61341.74	1377.80
88-259	61244.95	61145.46	1332.30
88-260	61112.97	61231.54	1323.00
88-261	61140.54	61800.16	1350.60
88-262	61249.99	61755.78	1367.40
88-263	61252.78	61771.91	1368.50
88-264	61253.09	61771.66	1368.37
88-265	61272.93	61741.70	1372.23
88-266	61447.79	62079.33	1429.70
88-267	61005.07	62061.83	1332.60
88-268	61098.73	61826.81	1340.00
88-269	61098.73	61826.81	1340.00
88-270	61098.27	61826.59	1340.20
88-271	61099.52	61826.09	1340.10
88-272	61321.28	61753.15	1382.53
88-273	61085.71	61814.89	1343.38
88-274	61085.86	61814.49	1344.00
88-275	61085.20	61813.78	1343.59
88-276	61085.31	61813.79	1343.39
88-277	61913.76	61567.54	1445.30
88-278	61806.42	61612.83	1441.25
88-279	61699.56	61656.00	1441.30
88-280	61684.64	61666.56	1441.90
88-659	63811.20	64767.70	1350.22
88-660	63811.28	64767.69	1349.49
88-661	63812.22	64767.86	1348.28
88-662	63812.67	64767.57	1349.31
88-663	63812.92	64767.57	1349.26
88-664	63816.15	64767.78	1349.29
88-665	63759.05	64675.05	1333.65
88-666	63759.00	64675.01	1333.12
88-667	63760.09	64674.99	1332.92
88-668	63760.62	64675.03	1332.93
88-669	63760.85	64675.03	1332.86
88-670	63688.15	64539.00	1304.49

Hole ID	Northing	Easting	Elevation
88-671	63693.74	64538.85	1302.81
88-672	63693.68	64538.76	1302.84
88-673	63290.01	63786.29	1491.43
88-674	63293.64	63788.99	1489.74
88-675	63293.93	63782.20	1490.92
88-676	63282.82	63858.40	1489.79
88-677	63273.56	63514.98	1580.79
88-678	63285.82	63496.16	1580.71
88-679	63356.03	63419.30	1598.80
88-680	63375.50	63416.83	1599.82
88-681	63405.65	62800.44	1637.42
88-710	64286.53	61739.96	1280.50
88-711	64286.73	61739.62	1280.00
88-712	64285.60	61740.92	1280.00
88-713	64288.19	61737.17	1280.40
88-714	64256.10	61680.30	1278.50
88-715	64422.09	61656.46	1398.43
88-716	64421.92	61656.54	1398.30
88-717	64376.32	62026.80	1386.90
88-718	64376.22	62027.01	1386.50
88-719	64423.24	62122.47	1412.30
88-720	64433.24	62167.85	1419.00
88-721	64647.34	62044.45	1283.50
88-722	64658.94	62237.46	1330.60
88-723	64657.93	62235.86	1330.70
88-724	64654.04	62234.27	1331.06
88-725	64605.14	61820.73	1141.00
88-726	64605.11	61820.30	1140.52
88-727	64605.18	61819.38	1140.72
88-729	65278.57	62106.18	1137.21
88-730	65959.64	61829.32	985.29
88C-1	60324.01	60122.79	1266.79
88C-2	60349.14	60201.60	1267.15
89-003	63962.06	62630.00	1652.46
89-004	63961.92	62686.75	1662.18
89-005	63963.49	62765.11	1682.67
89-281	60710.12	60665.08	1263.87
89-282	60746.96	60867.98	1275.00
89-283	60738.00	60841.93	1278.17
89-284	60731.95	60766.15	1283.38
89-285	60830.69	61303.75	1291.54
89-286	60887.46	61324.84	1297.40
89-287	60366.76	61007.32	1252.56
89-288	60367.70	61006.92	1252.61
89-289	60365.75	61005.24	1252.50
89-290	60395.81	61068.61	1253.78
89-291	60396.75	61068.28	1254.07
89-292	60412.67	61103.56	1253.10
89-293	60438.32	61133.08	1251.76
89-294	60449.61	61164.94	1248.49

Hole ID	Northing	Easting	Elevation
89-295	60360.45	60959.07	1257.47
89-296	60364.68	60914.52	1259.87
89-297	60355.47	60887.80	1258.20
89-298	60343.91	60852.60	1256.30
89-299	60855.76	61286.51	1292.80
89-300	60785.02	61317.83	1286.85
89-301	62395.41	60786.12	1387.73
89-302	62359.43	60788.55	1387.95
89-303	60754.87	61334.51	1283.20
89-304	60474.86	61061.51	1260.22
89-305	62431.37	60868.89	1394.60
89-306	60428.08	61177.29	1246.75
89-307	60805.15	61357.62	1292.95
89-308	60425.44	61143.27	1250.44
89-309	60831.42	61394.38	1294.30
89-310	60456.86	61110.75	1255.90
89-311	60774.09	61884.98	1281.98
89-312	60469.08	61138.25	1251.67
89-313	60743.10	61290.05	1279.06
89-314	60473.93	61178.55	1248.51
89-315	60785.24	61260.00	1281.67
89-316	60502.49	61156.00	1251.69
89-317	60753.43	61229.93	1276.57
89-318	60445.02	61192.67	1246.11
89-319	60507.50	61217.40	1249.68
89-320	60507.91	61217.04	1249.84
89-321	60356.90	60954.16	1256.82
89-322	59802.91	60948.58	1225.29
89-323	59875.44	60928.81	1221.79
89-324	59490.84	60635.57	1225.98
89-731	62547.20	61951.10	1522.11
89-732	65324.70	62108.06	1125.49
89-733	65325.54	62106.89	1125.16
89-734	65365.91	62094.85	1118.96
89-735	65325.49	62052.42	1126.30
90-325	60275.55	60820.98	1253.32
90-326	60320.60	60769.49	1256.80
90-327	60389.90	60749.80	1253.80
90-328	60366.62	60721.34	1254.21
90-329	60497.27	60659.25	1252.05
90-330	60373.37	60707.62	1254.51
90-331	60595.49	61217.65	1259.25
90-332	60573.64	61299.86	1264.36
90-333	60650.87	61300.61	1275.19
90-334	60510.73	61237.68	1252.34
90-335	60666.50	61247.22	1270.77
90-336	60710.49	61332.05	1280.98
90-337	57690.94	61914.48	1168.02
90-338	57535.26	61864.22	1178.13
90-339	60705.17	61412.02	1284.61

Hole ID	Northing	Easting	Elevation
90-340	60677.36	61479.95	1283.40
90-341	60675.58	61533.29	1283.35
90-342	60719.30	61506.89	1288.56
90-343	60719.94	61555.31	1288.57
90-344	60762.71	61533.76	1292.61
90-345	60392.12	61002.83	1254.97
90-346	60386.98	61076.55	1251.40
90-347	60399.12	61068.87	1253.27
90-348	60410.93	61061.92	1254.67
90-349	60440.90	61122.16	1252.89
90-350	60441.01	61122.10	1252.89
90-351	60773.74	61576.99	1294.18
90-352	60578.69	61265.49	1261.52
90-353	60578.72	61265.46	1261.28
90-354	60752.19	61589.20	1291.26
90-355	60635.70	61386.72	1277.80
90-356	60739.51	61596.56	1289.16
90-357	60635.45	61386.77	1277.72
90-358	60739.36	61596.68	1289.13
90-359	60662.32	61488.48	1282.15
90-360	60686.56	61625.21	1282.51
90-736	64022.03	62551.48	1614.68
90-737	63984.47	62309.47	1568.50
90-738	64331.59	62239.42	1480.26
90-739	64245.78	62243.61	1511.47
90-740	64680.84	62251.11	1328.07
90-741	64570.86	62224.97	1377.97
90-742	65457.63	62177.01	1111.28
90-743	65493.10	62115.29	1104.39
90-744	65049.18	62070.10	1180.90
90-745	65212.06	62070.10	1153.45
90-746	64594.97	62143.14	1331.10
90-747	64627.72	62193.21	1332.36
90-748	64484.83	62140.45	1381.20
90-749	64304.71	62401.29	1525.83
90-750	64390.87	62217.92	1454.55
90-751	63895.47	62490.90	1607.46
90-752	63790.77	61885.18	1505.28
90-753	64544.10	62329.40	1434.70
90N001	64579.33	65713.25	1313.50
90N002	65431.76	66086.88	1257.28
90N003	65422.60	65975.53	1255.60
90N004	65459.18	66098.29	1256.00
90N005	65362.46	66023.68	1256.80
90N006	64095.55	64961.53	1349.05
90N007	64315.30	64996.05	1345.78
90N008	64124.03	64961.07	1347.93
90N009	65414.47	66140.88	1264.19
90N010	64051.01	64966.04	1354.91
90N011	65754.84	66004.33	1296.68

Hole ID	Northing	Easting	Elevation
90N012	65998.04	66102.39	1300.83
90N013	66267.96	66100.13	1289.30
90N014	61090.99	69512.98	1402.31
90N015	61148.57	69444.79	1414.53
90N016	61179.31	69348.76	1428.40
90N017	61203.06	69279.55	1429.23
90N018	61228.17	69216.06	1429.22
90N019	60537.35	69376.68	1445.82
90N020	60686.84	69470.65	1442.56
90N021	60667.22	69400.02	1461.51
90N022	60299.94	69306.25	1411.69
90N023	60340.45	69271.51	1426.24
90N13a	61023.33	69587.02	1390.92
91-361	60645.94	61442.66	1281.63
91-362	60645.06	61325.46	1276.70
91-363	60645.82	61443.14	1281.46
91-364	60650.50	61339.23	1277.26
91-365	60626.25	61456.59	1278.55
91-366	60624.82	61271.45	1267.56
91-367	60625.82	61467.15	1278.19
91-368	60756.40	61639.20	1290.11
91-369	60646.26	61409.64	1280.30
91-370	60664.86	61514.00	1281.67
91-371	60644.19	61411.11	1280.32
91-372	60665.25	61514.59	1281.81
91-373	60621.64	61365.44	1276.48
91-374	60779.30	61672.78	1292.21
91-375	60743.04	61643.34	1289.10
91-376	60817.24	61698.47	1296.23
91-377	60624.87	61271.19	1267.64
91-378	60779.40	61672.71	1292.24
91-379	60892.85	61701.00	1307.64
91-380	60848.82	61681.16	1299.64
93-001	60387.48	61037.28	1253.54
93-002	60387.48	61037.28	1253.54
93-003	60386.41	61058.00	1252.01
93-004	60386.41	61058.00	1252.01
93-005	60410.61	61093.94	1252.47
93-006	60438.56	61145.69	1249.66
93-007	60338.47	60730.42	1253.11
93-008	60455.75	60824.29	1254.89
93-009	60303.43	61033.08	1245.86
93-010	60343.81	60670.01	1266.35
93-011	60342.87	60669.24	1266.33
93-012	60341.84	60668.84	1266.33
93-013	60074.10	61001.51	1236.79
93-014	60339.71	60667.58	1266.21
93-015	60339.29	60666.85	1266.33
93-016	60338.92	60729.93	1253.14
93-017	60347.67	60757.64	1251.68

Hole ID	Northing	Easting	Elevation
94-01	60434.41	61102.40	1254.07
94-02	60435.11	61102.04	1254.35
94-03	60435.28	61101.94	1254.40
94-04	60517.24	61171.25	1250.47
94-05	60374.18	60858.44	1258.35
94-06	60375.13	60857.75	1263.78
94-07	60413.48	60828.64	1253.17
94-08	60354.66	60820.16	1249.23
94-09	60404.06	60789.48	1250.67
94-10	60497.79	60324.54	1251.33
94-11	60312.90	60660.39	1270.57
94-12	60264.26	60716.90	1268.10
94-13	60342.04	60604.52	1270.04
94-14	60239.61	60710.58	1265.18
94-15	60067.65	61061.78	1237.60
94-16	58815.29	60750.51	1209.57
94-17	57985.42	60832.99	1237.86
94-18	60352.46	61333.03	1238.56
94-19	60428.54	61302.75	1247.69
94-20	60373.98	60953.85	1258.90
94-H1	61184.72	69245.90	1432.49
94-H2	61263.61	69239.82	1423.37
94-H3	61262.67	69198.94	1428.52
94-H4	61259.90	69241.80	1423.53
94-H5	65455.40	66082.26	1255.56
94-H6	65470.74	66055.36	1247.94
94-H7	65568.37	65995.32	1270.37
94U-1	60365.50	61017.80	1201.00
94U-2	60395.61	60939.20	1185.64
94U-3	60392.49	60933.67	1185.22
94U-4	60393.03	60933.64	1184.89
94U-5	60393.06	60932.95	1185.45
94U-6	60393.31	60932.97	1184.89
94U-7	60393.50	60932.71	1184.67
94U-8	60393.66	60933.20	1184.57
95BG-1	60498.05	61175.02	1248.43
95BG-2	60486.68	61153.98	1254.98
95BG-3	60492.72	61178.44	1250.38
95BG-4	60497.50	61182.50	1250.00
95BG-5	60562.59	61203.89	1253.91
95BG-6	60595.67	61229.59	1257.99
95BGU10	60408.99	61180.77	1183.19
95BGU7	60412.74	61179.35	1185.04
95BGU8	60408.77	61181.62	1183.80
95BGU9	60439.20	61187.00	1183.00
95BU-1	60396.00	61094.80	1201.40
95BU-2	60389.68	61094.31	1202.04
95BU-3	60391.55	61094.70	1202.21
95BU-4	60390.25	61093.70	1202.38
95BU-5	60391.55	61094.70	1202.04

Hole ID	Northing	Easting	Elevation
95BU-6	60403.00	61112.36	1197.55
95BU-7	60401.25	61111.61	1197.49
95BU-8	60402.25	61113.17	1197.23
95BU-9	60403.88	61125.76	1194.54
95BU10	60406.08	61164.00	1186.55
95BU11	60405.33	61165.22	1186.72
95BU12	60398.42	61104.06	1208.28
95CMP1	67180.00	68145.00	925.00
95GO-1	67370.00	63570.00	940.00
95GO-2	67470.00	63830.00	940.00
95HG10	61247.48	61804.60	1197.95
95HG11	61247.36	61804.54	1198.71
95HG12	61247.51	61804.66	1197.85
95HG13	61234.63	61773.65	1206.38
95HG14	61234.63	61773.71	1205.02
95HG15	61239.48	61772.70	1206.86
95HG16	61234.96	61773.80	1205.88
95HG17	61271.25	61781.05	1190.50
95HG18	61259.05	61796.68	1190.97
95HG19	61259.19	61796.45	1191.08
95HG20	61257.08	61797.83	1190.95
95HG21	61258.50	61797.08	1190.60
95HG22	61258.50	61797.16	1190.87
95HG23	61257.76	61797.75	1190.66
95HG24	61258.00	61797.00	1191.00
95HG25	61258.08	61797.61	1190.98
95HG26	61258.22	61797.51	1191.22
95HG27	61258.46	61797.25	1190.79
95HG28	61258.44	61797.32	1190.86
95HG29	61257.28	61797.88	1190.88
95HG30	61257.67	61797.72	1190.58
95HG31	61258.00	61797.00	1191.00
95HG32	61258.69	61797.06	1191.70
95HG33	61276.99	61837.30	1178.38
95HG34	61277.18	61838.07	1178.26
95HG35	61277.72	61839.92	1178.78
95HG36	61278.70	61841.20	1178.22
95HG37	61278.23	61841.25	1178.48
95HG38	61279.13	61841.15	1177.89
95HG39	61278.02	61840.74	1178.63
95HG40	61279.07	61841.12	1178.55
95HG41	61279.74	61840.60	1178.38
95HG42	61279.37	61841.03	1178.40
95HG43	61279.46	61840.95	1177.78
95K-1	60383.16	60134.09	1271.17
95K-2	60367.32	60109.92	1271.49
95K-3	60390.08	60145.33	1271.52
95K-4	60390.64	60172.08	1270.67
95K-5	60393.51	60175.62	1272.24
95MHG1	61221.85	61770.43	1204.99

Hole ID	Northing	Easting	Elevation
95MHG2	61219.16	61770.73	1204.39
95MHG3	61220.20	61769.67	1204.71
95MHG4	61222.26	61770.50	1204.89
95MHG5	61219.30	61769.32	1204.17
95MHG6	61218.25	61770.79	1205.06
95MHG7	61236.48	61774.27	1205.11
95MHG8	61234.88	61773.67	1204.80
95MHG9	61248.51	61805.29	1198.32
95SJ-1	62375.10	60853.83	1396.83
95SJ-2	61970.00	60883.00	1390.00
95SKY1	62770.34	60918.68	1430.74
95SKY2	62762.10	60940.87	1432.83
95SKY3	62761.25	60940.94	1432.76
95SKY4	62770.00	60918.00	1431.00
95SKY5	62751.93	60962.25	1433.77
95T-1	61214.00	61796.00	1186.00
95U-01	61240.40	61582.80	1233.38
95U-02	61240.31	61582.90	1233.38
95U-03	61241.67	61597.29	1230.53
95U-04	61241.74	61597.29	1230.58
95U-05	61243.40	61619.40	1226.80
95U-06	61243.40	61619.40	1226.80
95U-07	61241.45	61633.59	1224.70
95U-08	61241.43	61633.63	1224.68
95U-09	61241.50	61634.34	1226.59
95U-10	61242.16	61648.88	1224.42
95U-11	61241.63	61634.17	1226.07
95U-12	61244.50	61610.65	1230.60
95U-13	61248.60	61605.60	1231.00
95U-14	61240.44	61582.81	1235.14
95U-15	61240.71	61582.85	1235.11
95U-16	61240.37	61582.87	1234.14
95U-17	61241.76	61569.03	1236.73
95U-18	61241.88	61569.08	1237.34
95U-19	61241.82	61568.73	1237.70
95U-20	61242.40	61549.86	1240.03
95U-21	61242.40	61549.85	1240.66
95U-22	61241.91	61562.88	1239.63
95U-23	61240.04	61686.15	1218.29
95U-24	61238.56	61729.95	1211.59
95VAN1	67365.00	61070.00	995.51
95VAN2	67481.33	61062.40	998.86
95VAN3	67540.00	60865.00	1008.07
95VAN4	67531.00	61162.00	962.41
95VAN5	67591.00	61317.00	977.64
96-100	61324.83	61945.05	1135.48
96-101	61325.31	61945.31	1135.31
96-102	61324.99	61945.30	1135.07
96-103	61325.39	61945.58	1134.92
96-104	61325.49	61945.66	1134.89

Hole ID	Northing	Easting	Elevation
96-105	61325.63	61945.74	1134.03
96-106	61326.05	61945.63	1134.64
96-107	61325.54	61945.72	1134.48
96-108	61325.00	61945.00	1135.00
96BIG1	61215.44	61763.41	1206.67
96BIG2	61215.55	61763.19	1206.32
96BIG3	61215.75	61763.92	1207.07
96BON1	60343.13	60670.00	1267.11
96BON2	60342.33	60670.47	1267.06
96BON3	60354.74	60758.65	1251.84
96BON4	60354.74	60758.65	1251.84
96BON5	60341.75	60670.36	1267.04
96BON6	60349.00	60668.50	1267.00
96CAM1	61227.53	61663.86	1221.00
96CAM2	61227.10	61666.50	1220.95
96CAM3	61227.24	61664.90	1221.16
96EBS1	60615.00	61555.00	1275.00
96EBS2	60685.00	61510.00	1285.00
96ELX1	61249.07	61663.57	1221.29
96ELX2	61249.01	61663.43	1221.20
96ELX3	61249.16	61664.06	1221.49
96ELX4	61249.24	61665.39	1221.70
96ELX5	61249.10	61664.67	1221.57
96ELX6	61249.31	61665.33	1221.51
96ELX7	61249.27	61665.31	1221.25
96ELX8	61249.15	61665.76	1221.30
96HG44	61256.58	61827.07	1182.80
96HG45	61256.75	61827.17	1182.51
96HG46	61257.15	61827.26	1182.65
96HG47	61257.22	61827.25	1182.32
96HG48	61249.83	61825.81	1179.57
96HG49	61248.81	61825.19	1179.82
96HG50	61248.51	61824.89	1181.06
96HG51	61248.09	61824.58	1179.85
96HG52	61248.02	61824.62	1180.26
96HG53	61251.50	61826.00	1180.00
96HG54	61243.23	61818.34	1181.17
96HG55	61242.20	61819.14	1182.00
96HG56	61242.86	61818.50	1181.58
96HG57	61243.74	61818.62	1180.91
96HG58	61242.50	61817.63	1181.24
96HG59	61242.87	61818.99	1181.77
96HG60	61243.69	61818.41	1180.00
96HG61	61244.90	61819.28	1180.70
96HG62	61243.76	61818.15	1180.80
96HG63	61232.33	61806.45	1198.38
96HG64	61233.31	61807.64	1198.58
96HG65	61232.68	61807.17	1198.38
96HG66	61232.05	61805.92	1199.18
96HG67	61214.80	61768.28	1205.17

Hole ID	Northing	Easting	Elevation
96HG68	61213.54	61767.96	1205.20
96HG69	61213.53	61767.97	1205.10
96HG70	61213.54	61767.98	1204.87
96HG71	61307.98	61884.28	1170.19
96HG72	61307.89	61884.27	1169.62
96HG73	61308.54	61884.65	1169.76
96HG74	61309.21	61885.07	1169.88
96HG75	61308.63	61884.81	1169.40
96HG76	61308.53	61884.35	1169.54
96HG77	61309.44	61885.00	1169.62
96HG78	61309.54	61885.09	1169.76
96HG79	61307.90	61884.00	1169.46
96HG80	61307.77	61884.12	1169.81
96HG81	61309.10	61885.03	1169.76
96HG82	61309.42	61885.08	1169.98
96HG83	61308.23	61883.43	1169.56
96HG84	61309.71	61885.12	1169.98
96HG85	61309.57	61885.11	1169.88
96HG86	61309.79	61884.91	1169.74
96HG87	61310.03	61885.11	1169.95
96HG88	61308.76	61884.90	1170.03
96HG89	61309.26	61885.06	1170.14
96HG90	61309.60	61885.08	1170.15
96HG91	61309.47	61885.57	1170.15
96HG92	61308.10	61884.37	1169.93
96HG93	61309.20	61885.02	1170.16
96HG94	61310.18	61885.18	1170.09
96HG95	61344.52	61881.10	1143.44
96HG96	61344.64	61881.41	1143.34
96HG97	61344.78	61882.10	1143.39
96HG98	61344.59	61881.62	1143.35
96HG99	61344.73	61881.77	1143.39
96HOT1	61875.00	61355.00	1428.00
96HOT2	61840.00	61375.00	1424.00
96MEL1	61312.30	61883.01	1171.02
96MEL2	61312.29	61883.04	1170.67
96MEL3	61312.32	61883.17	1170.67
96MEL4	61312.25	61883.86	1170.37
96MEL5	61312.34	61883.18	1170.29
96MEL6	61312.32	61883.04	1170.30
96MEL7	61312.24	61883.86	1170.20
96MEL8	61312.00	61883.90	1170.50
96MEL9	61312.00	61883.86	1170.50
96MEW1	61284.70	61799.45	1193.16
96MEW2	61284.80	61799.08	1193.19
96MEW3	61284.46	61798.53	1193.79
96MEW4	61284.50	61797.98	1193.76
96MEW5	61284.00	61797.50	1193.60
96MEW6	61284.60	61799.30	1193.51
96MEW7	61284.00	61797.50	1193.50

Hole ID	Northing	Easting	Elevation
96MEW8	61284.00	61797.50	1193.50
96MEW9	61284.00	61797.50	1194.00
96ML10	61312.23	61883.96	1170.25
96ML11	61312.30	61883.86	1170.50
96ML12	61347.10	61879.09	1145.21
96ML13	61348.07	61878.96	1145.22
96ML14	61348.53	61880.36	1145.28
96ML15	61349.07	61880.83	1144.51
96ML16	61349.11	61880.69	1143.82
96ML17	61348.77	61880.21	1144.20
96ML18	61349.09	61880.67	1144.24
96ML19	61348.96	61880.41	1144.47
96ML20	61349.19	61881.16	1144.22
96ML21	61349.25	61881.22	1144.09
96ML22	61348.52	61880.54	1145.23
96ML23	61348.59	61880.54	1145.15
96ML24	61348.93	61881.33	1143.86
96MW10	61284.00	61797.50	1193.60
96NSV1	61217.97	61797.80	1183.33
96NSV2	61218.31	61797.91	1184.12
96NSV3	61217.86	61797.67	1183.67
96NSV4	61213.00	61767.00	1205.20
96NSV5	61213.00	61767.00	1205.20
96RLF1	61223.61	61920.94	1153.14
96RLF2	61225.35	61921.72	1155.08
96SWB1	65674.41	61806.25	1029.58
96SWB2	65812.85	61437.31	989.29
96SWB3	65833.39	61471.90	985.34
96T-01	63440.48	62231.53	1652.68
96T-02	63442.73	62251.76	1653.16
96T-03	63455.12	62223.30	1653.60
96T-04	63459.83	62242.20	1654.44
96T-05	63459.06	62262.83	1653.47
96T-06	63461.06	62291.18	1650.81
96T-07	63462.78	62307.25	1651.60
96T-08	63477.18	62322.85	1650.65
96T-09	63454.71	62208.27	1652.39
96V-01	63380.33	63404.28	1601.37
96V-02	63363.10	63435.19	1597.41
96V-03	63350.00	63465.00	1595.00
96V-04	63275.00	63506.00	1580.00
96V-05	63279.00	63528.00	1580.00
96V-06	63273.00	63545.00	1580.00
96V-07	63400.72	63403.95	1603.42
96V-08	63397.27	63383.18	1602.57
96V-09	63377.99	63387.27	1600.44
96V-10	63391.87	63428.68	1602.40
96V-11	63391.27	63447.55	1597.97
9757-1	63380.90	63274.90	1551.00
9757-2	63380.20	63274.00	1551.40

Hole ID	Northing	Easting	Elevation
97BIG-4	61235.20	61725.00	1213.80
97BIG-5	61235.20	61725.00	1212.80
97LE-1	61366.53	62000.19	1121.49
97LE-2	61365.34	62000.77	1122.65
97LE-3	61366.16	62001.73	1122.81
97LE-4	61366.89	62002.12	1122.55
97LE-5	61367.14	62002.23	1122.71
97LE-6	61367.13	62002.23	1122.58
97LE-7	61367.26	62002.23	1122.58
97LE-8	61367.36	62002.15	1122.40
97MEL-01	61372.45	61995.91	1123.37
97MEL-02	61372.15	61994.94	1123.57
97MEL-03	61372.21	61994.89	1123.19
97MEL-04	61372.51	61995.96	1122.87
97MEL-05	61372.56	61995.90	1122.58
97MEL-06	61372.77	61996.24	1122.37
97MEL-07	61372.36	61995.18	1122.72
97MEL-08	61388.07	61892.85	1144.10
97MEL-09	61388.11	61892.89	1143.90
97MEL-10	61387.78	61892.11	1143.91
97MEL-11	61387.73	61891.18	1144.02
97MEL-12	61408.64	61909.93	1143.68
97MEL-13	61408.60	61909.93	1143.54
97MEL-14	61408.56	61910.39	1143.62
97MHG-1	61268.64	61806.88	1184.62
97MHG-2	61232.47	61766.79	1206.15
97MHG-3	61261.20	61793.89	1192.03
97MHG-4	61275.26	61813.33	1183.23
97MHG-5	61278.49	61801.41	1193.84
97MX-01	64651.95	62235.52	1330.07
97MX-02	64651.95	62235.52	1330.07
97MX-03	64651.95	62235.52	1330.07
97MX-04	64651.95	62235.52	1330.07
97MX-05	64573.99	62229.80	1376.87
97MX-06	64574.02	62229.88	1376.80
97MX-07	64573.53	62228.58	1376.71
97MX-08	64700.17	62009.22	1255.23
97MX-09	64699.63	62009.05	1254.15
97MX-10	64699.30	62009.14	1254.80
97MX-11	64700.21	62009.51	1255.09
97MX-12	64700.93	62008.08	1253.40
97MX-13	64700.85	62008.59	1253.34
97MX-14	64699.64	62009.55	1254.95
97MX-15	64700.85	62008.90	1253.50
97MX-16	64661.63	61943.84	1257.78
97MX-17	64662.15	61943.70	1256.65
97MX-18	64662.96	61943.27	1256.33
97MX-19	64663.70	61944.94	1256.53
97MX-20	64625.08	61976.81	1276.05
97MX-21	64625.91	61977.23	1276.11

Hole ID	Northing	Easting	Elevation
97MX-22	64626.00	61977.00	1276.00
97MX-23	64626.00	61977.00	1276.00
97MX-24	64626.00	61977.00	1276.00
97MX-25	64626.00	61977.00	1276.00
97MX-26	64626.00	61977.00	1276.00
97MX-27	64606.00	61931.00	1277.00
97MX-28	64606.00	61931.00	1277.00
97MX-29	64606.00	61931.00	1277.00
97T-1	63436.46	62245.83	1653.54
97T-2	63439.84	62221.78	1653.68
97V-01	63303.70	63955.60	1491.60
97V-02	63303.70	63955.60	1491.60
97V-03	63303.70	63955.60	1491.60
97V-04	63297.60	63972.60	1491.60
97V-05	63297.60	63972.80	1491.60
97V-06	63292.40	64000.90	1491.60
97V-07	63303.70	63955.60	1491.60
97V-08	63303.70	63955.60	1491.60
97V-09	63315.84	63950.37	1532.48
97V-10	63309.79	63964.09	1532.08
97V-11	63306.96	63995.00	1534.59
97V-12	63302.63	64010.85	1531.68
97V-13	63317.99	63964.95	1531.98
97V-14	63319.71	63981.16	1531.86
97V-15	63310.45	63981.10	1531.97
97V-16	63313.07	63957.21	1532.10
97V-17	63313.77	63964.60	1531.86
97V-18	63277.80	63489.10	1580.42
97V-19	63283.00	63484.35	1580.98
97V-20	63283.00	63484.35	1580.98
97V-21	63302.80	63466.40	1587.69
97V-22	63366.02	63395.61	1599.51
97V-23	63372.57	63416.41	1598.76
97V-24	63387.79	63390.56	1601.14
97V-25	63317.38	63466.20	1589.19
97V-26	63290.47	63466.60	1584.84
97V-27	63313.04	63443.11	1591.06
97V-28	63322.50	63458.40	1590.03
97V-29	63314.50	63453.89	1590.30
98GAP-01	63125.00	61925.00	1620.00
C-01	63385.57	62844.63	1637.92
C-02	63438.10	62754.66	1646.64
C-03	63457.68	62683.30	1648.58
C-04	63504.29	62607.27	1650.58
C-05	63555.63	62606.21	1652.18
C-06	63487.23	62536.69	1654.64
C-07	63480.99	62478.92	1662.68
C-08	63487.81	62409.23	1663.46
C-09	63528.57	62481.03	1660.70
C-10	63489.71	62344.95	1654.51

Hole ID	Northing	Easting	Elevation
C-11	63489.84	62288.60	1653.27
C-12	63478.39	62234.83	1657.11
C-13	63536.31	62308.50	1648.95
C-15	63469.93	62880.88	1636.12
C-16	63431.48	62961.42	1633.84
C-17	63702.42	62474.79	1635.62
C-18	63442.33	63019.93	1626.60
C-19	63449.30	63074.95	1620.69
C-20	63448.80	63135.07	1614.99
C-21	63453.67	63198.88	1608.51
C-22	63472.68	63266.10	1605.99
C-23	63402.10	63322.86	1604.52
C-25	63333.94	63469.66	1600.37
C-26	63043.41	63308.43	1570.02
C-27	63335.48	63526.79	1583.40
C-28	63330.77	63611.95	1580.66
C-29	63133.55	63413.70	1560.00
C-30	63334.34	63676.14	1572.60
C-31	63441.00	62920.10	1667.38
C-32	63415.28	62917.36	1668.44
C-34	63336.93	63857.32	1560.28
C-35	63351.94	62879.23	1654.53
C-36	63351.94	63990.59	1540.95
C-37	63370.17	64071.05	1521.72
C-38	63565.53	62975.29	1649.44
C-39	64226.00	61929.00	1384.00
C-41	64249.94	61912.96	1384.55
C-42	64341.12	61977.30	1362.82
C-43	64306.30	61916.82	1354.38
C-44	64342.14	61979.27	1373.00
C-45	64306.43	61915.57	1354.33
C-46	65525.82	60934.14	1027.65
C-47	65835.08	61190.24	1010.02
C-48	65798.34	61120.74	1014.69
C-49	65626.00	61085.67	1020.14
K87-1	60374.25	60150.00	1270.00
K87-2	60364.00	60138.00	1270.00
K87-3	60351.00	60110.00	1270.00
K87-4	60334.53	60085.76	1270.17
K87-5	60327.48	60064.84	1271.85
M81-10	66700.10	61481.50	955.00
M81-11	66659.40	61475.50	972.00
M81-12	67016.60	62213.60	945.00
M81-13	67009.22	62168.89	933.46
M81-14	67002.97	62136.73	936.15
M82-20	67167.60	62637.60	932.00
M82-21	67184.00	62745.20	925.00
M82-22	67296.50	62745.00	918.00
M82-23	67338.90	62745.00	913.00
P80-3	58015.00	61603.00	1175.00

Hole ID	Northing	Easting	Elevation
P80-4	58015.00	61603.00	1175.00
P80-5	58033.00	61597.00	1175.00
PR-49	63429.50	64703.10	1466.00
PR-50	63428.10	64768.00	1455.00
PR-51	63446.00	64767.30	1458.00
PR-52	63474.35	64734.21	1466.47
PR-53	63474.35	64734.21	1466.10
PR-54	63477.50	64703.50	1470.80
PR-55	63477.50	64703.50	1470.80
PR-56	63477.50	64703.50	1470.80
PR-57	63506.63	64718.57	1470.93
PR-58	63505.80	64688.40	1475.50
PR-59	63505.50	64688.50	1475.55
PR-60	63540.82	64687.08	1476.92
PR-61	63538.86	64750.20	1466.56
PR-62	63538.86	64750.20	1466.56
PR-63	63541.00	64719.00	1471.60
PR-64	63540.51	64623.90	1484.08
PR-65	63540.00	64653.50	1481.20
PR-66	63504.85	64626.80	1483.74
PR-67	63478.63	64655.17	1478.36
PR-68	63460.50	64673.50	1473.10
PR-69	63460.50	64673.50	1473.10
PR-70	63490.30	64699.30	1472.17
PR-71	63523.24	64671.16	1479.02
PR-72	63567.76	64654.27	1481.81
PR-73	63571.51	64621.53	1483.58
PR-74	63477.20	64488.90	1491.40
PR-75	63480.50	64559.80	1485.00
PR-76	63477.50	64436.20	1490.85
PR-77	63480.00	64371.00	1491.03
PR-78	63478.00	64302.80	1492.66
PR-79	63473.00	64239.50	1498.14
PR-80	63478.50	64177.00	1500.83
PR-81	63470.50	64115.50	1505.98
PR-82	63470.50	64146.00	1507.28
PR-83	63472.20	64207.00	1495.79
PR-84	63474.40	64340.50	1490.65
PR-85	63475.50	64403.50	1490.69
PR-86	63465.00	63939.50	1544.05
PR-87	63467.00	63992.00	1526.71
PR-88	63459.80	63867.80	1549.64
PR-89	63512.20	64369.00	1489.93
TM79-01	63368.00	63677.00	1571.00
TM79-02	63264.50	63493.50	1566.14
TM79-03	63310.50	63727.50	1564.57
TM79-04	63314.00	63629.00	1574.04
TM79-05	63362.80	63629.00	1575.48
TM79-06	63322.50	63428.00	1592.01
TM79-07	63252.00	63452.30	1581.50

Hole ID	Northing	Easting	Elevation
TM79-08	63297.00	63511.50	1578.00
TM79-09	63368.50	63481.20	1589.63
TM79-10	63377.20	63422.70	1598.80
TM79-11	63369.50	63527.70	1580.94
TM81-3	63440.00	63426.00	1603.88
TM81-4	63407.50	63428.70	1602.68
TM81-5	63431.00	63681.80	1571.79
TM81-6	63401.00	63673.70	1571.69
V88-01	63278.14	63859.60	1492.35
V88-02	63280.51	63860.26	1491.84
V88-03	63288.48	64017.45	1492.04
V88-04	63295.53	64025.67	1493.67
V88-05	63302.91	64040.23	1493.50
V88-06	63295.53	64025.67	1493.67
V88-07	63302.90	64040.23	1493.50
V88-08	63303.25	64040.19	1492.06
V88-09	63305.94	64051.40	1493.16
V88-10	63303.58	64051.75	1491.70
04MM-01	64756.60	61803.90	1266.68
04MM-02	64756.60	61803.90	1266.68
04MM-03	64756.60	61803.90	1266.68
04MM-04	64756.60	61803.90	1266.68
04MM-05	64756.60	61803.90	1266.68
04MM-06	64756.60	61803.90	1266.68
04MM-07	64757.30	61738.90	1284.95
04MM-08	64718.75	61773.20	1283.13
04MM-09	64677.50	61800.70	1280.54
04MM-10	64640.10	61829.10	1278.34
04MM-11	64706.40	61815.10	1271.45
04MM-12	64752.20	61804.20	1266.97
04MM-13	64752.20	61804.20	1266.97
04MM-14	64752.20	61804.20	1266.97
04MM-15	64752.20	61804.20	1266.97
04MM-16	64752.20	61804.20	1266.97
04MM-17	64718.75	61773.20	1283.13
04MM-18	64719.50	61772.32	1282.78
04MM-19	64757.33	61738.84	1285.15
04MM-20	64757.33	61738.84	1285.15
04MM-21	64688.10	61720.52	1298.42
04MM-22	64688.10	61720.52	1298.42
04MM-23	64688.10	61720.52	1298.42
04MM-24	64688.10	61720.52	1298.42
04MM-25	64688.10	61720.52	1298.42
04MM-26	64688.10	61720.52	1298.42
04MM-27	64688.10	61720.52	1298.42
04MM-28	64822.55	61780.55	1261.68
04MM-29	64822.55	61780.55	1261.68
04MM-30	64822.55	61780.55	1261.68
04MM-31	64742.09	61757.09	1284.00
04MM-32	64742.09	61757.09	1284.00

Hole ID	Northing	Easting	Elevation
04MM-33	64742.09	61757.09	1284.00
04MM-34	64771.43	61709.59	1286.47
04MM-35	64822.55	61780.55	1261.68
04MM-36	64537.21	61572.20	1353.11
04MM-37	64537.21	61572.20	1353.11
04HOT-01	61747.70	61554.50	1427.50
04HOT-02	61848.00	61523.00	1435.00
04HOT-03	61848.00	61523.00	1435.00
04HOT-04	61848.00	61523.00	1435.00
06MM-01	64567.00	61695.00	1335.00
06MM-02	64554.00	61631.00	1348.00
06MM-03	64757.00	61804.00	1267.00
06MM-04	64757.00	61804.00	1267.00
06MM-05	64742.00	61757.00	1284.00
06MM-06	64742.00	61757.00	1284.00
07RUG-03	64734.05	61825.66	1168.00
07RUG-04	64688.20	61797.70	1173.60
07RUG-05	64703.44	61801.94	1175.41
07RUG-06	64731.13	61823.23	1170.14
07RUG-07	64704.27	61801.88	1176.49
07RUG-01	64792.00	61849.00	1160.50
07RUG-02	64728.00	61812.00	1163.00
07RUG-09P	64715.20	61801.50	1174.60
07RUG-10P	64715.20	61801.50	1174.60
07RUG-08	64646.50	61789.50	1177.00
07EIL-P01	61250.00	61665.00	1220.00
07EIL-P02	61250.00	61665.00	1220.00

Appendix C – Transformed Taurus Coordiantes

Hole ID	Northing	Easting	Elevation
T79-01	6570676.90	460640.26	1137.88
T79-10	6570747.37	460581.00	1137.88
T79-02	6570683.56	460581.70	1137.87
T79-03	6570750.23	460751.73	1161.93
T79-04	6570758.80	460709.74	1154.92
T79-05	6570745.41	460338.91	1104.81
T79-06	6570215.84	460950.22	1107.86
T79-07	6570771.90	460680.20	1144.92
T79-08	6570733.41	460936.89	1184.98
T79-09	6570780.84	460648.62	1141.91
T80-20	6570681.03	460526.81	1129.85
T80-21	6570618.67	460389.47	1131.80
T80-22	6570616.97	460523.37	1114.84
T80-23	6570675.83	460690.63	1136.90
T82-01	6570609.32	460749.38	1144.90
T82-02	6570702.24	460973.28	1184.98
T82-03	6570655.23	460608.29	1136.87
T82-04	6570728.07	460416.44	1121.83
T82-05	6570712.18	460390.02	1107.82
T82-06	6570753.50	460732.73	1154.93
T82-07	6570621.93	460664.83	1134.88
T82-08	6570468.53	460592.67	1116.82
T84-01	6570406.66	459529.88	1097.50
T84-10	6569679.84	459964.78	1023.96
T84-11	6569779.57	459912.41	1016.49
T84-12	6570334.74	460074.17	1091.64
T84-13	6570352.31	460088.49	1092.65
T84-15	6570700.74	460888.09	1169.96
T84-16	6570618.15	460889.37	1167.94
T84-17	6570684.42	460461.44	1124.83
T84-18	6570645.89	460627.32	1129.87
T84-02	6570450.15	459523.44	1102.51
T84-03	6570347.61	460136.49	1081.66
T84-04	6570341.52	460105.22	1086.65
T84-05	6570314.91	460139.78	1084.65
T84-06	6570336.63	460168.15	1074.67
T84-07	6570341.61	460073.97	1092.64
T84-08	6570347.03	460104.03	1086.65
T84-09	6569686.58	459874.50	1067.87
T85-01	6570644.45	459783.68	1094.63
T85-11	6570697.04	460740.10	1141.92
T85-02	6570644.45	459783.68	1108.63
T85-03	6570673.57	459822.18	1108.65
T85-04	6570673.57	459822.18	1108.65
T85-05	6570632.15	459758.70	1101.62
T86-01	6570902.81	460411.65	1147.87
T86-11	6570697.05	460740.10	1151.92
T86-12	6570699.34	460722.21	1151.91
T86-13	6570700.05	460725.47	1151.91
T86-14	6570697.64	460738.07	1152.92

Hole ID	Northing	Easting	Elevation
T86-02	6570963.68	460414.77	1161.89
T86-21	6570648.40	460588.86	1131.86
T86-22	6570648.40	460588.86	1131.86
T86-23	6570582.89	460670.54	1138.87
T86-24	6570553.98	460724.05	1134.88
T86-25	6570645.97	460560.42	1131.85
T86-26	6570646.13	460560.43	1131.85
T86-03	6571024.55	460417.87	1164.90
T86-04	6571085.42	460420.98	1173.92
T87-01	6570427.20	460105.07	1069.67
T87-03	6570340.53	460039.61	1101.63
T87-05	6570043.94	462229.19	1119.40
T87-06	6570186.78	462419.59	1208.80
T87-07	6570186.78	462419.59	1208.80
T88-01	6569761.83	459391.48	1053.31
T88-02	6570004.50	459449.65	1075.38
T88-03	6569662.56	459691.56	1047.37
T88-04	6569625.91	459811.74	1062.40
T88-05	6570381.99	459601.33	1101.35
T88-06	6570397.15	459663.77	1113.69
T88-07	6570382.24	459725.14	1117.33
T88-08	6570370.25	459783.61	1116.05
T88-09	6570386.66	459850.66	1115.75
T93-01	6570246.98	460066.57	1104.62
T93-10	6570302.67	460021.80	1106.62
T93-11	6570333.75	460076.49	1090.64
T93-12	6570333.75	460076.49	1090.64
T93-13	6570286.29	460073.75	1101.63
T93-14	6570286.29	460073.75	1101.63
T93-15	6570280.80	460103.39	1092.63
T93-16	6570305.08	460141.85	1078.65
T93-17	6570305.08	460141.85	1078.65
T93-18	6570319.16	460117.25	1084.65
T93-19	6570317.39	460116.87	1084.65
T93-02	6570247.00	460066.26	1104.62
T93-20	6570319.16	460117.25	1084.65
T93-21	6570374.92	459993.46	1104.63
T93-22	6570374.92	459993.46	1104.63
T93-23	6570412.96	459995.40	1097.64
T93-24	6570330.52	460121.79	1081.65
T93-25	6570312.26	460144.66	1078.65
T93-26	6570300.94	460190.11	1077.97
T93-03	6570231.56	460093.89	1101.62
T93-04	6570231.56	460093.89	1101.62
T93-05	6570209.93	460083.42	1101.61
T93-06	6570216.97	460122.40	1096.62
T93-07	6570216.97	460122.40	1096.62
T93-08	6570334.93	460023.76	1104.63
T93-09	6570334.93	460023.76	1104.63
T94-01	6570300.03	460191.07	1077.98

Hole ID	Northing	Easting	Elevation
T94-10	6570274.31	460048.03	1101.85
T94-11	6570203.85	460147.08	1090.76
T94-12	6570191.82	460141.36	1091.37
T94-13	6570186.57	460171.04	1088.19
T94-14	6570173.14	460161.25	1089.59
T94-15	6570176.02	460200.47	1085.81
T94-16	6570164.24	460194.06	1086.50
T94-17	6570165.10	460230.03	1083.54
T94-18	6570150.09	460222.14	1084.42
T94-19	6570188.77	460108.70	1095.48
T94-02	6570286.16	460185.76	1079.47
T94-20	6570188.77	460108.70	1095.45
T94-21	6570226.52	460057.65	1101.81
T94-22	6570203.18	460095.80	1096.67
T94-23	6570187.81	460121.77	1093.84
T94-24	6570217.95	460070.12	1100.47
T94-25	6570183.57	460150.10	1090.63
T94-26	6570170.53	460143.13	1091.06
T94-27	6570163.44	460177.68	1088.11
T94-28	6570158.02	460209.41	1094.64
T94-29	6570524.66	459941.43	1071.52
T94-03	6570285.40	460203.17	1078.47
T94-30	6570486.95	459658.96	1102.95
T94-31	6570498.48	459719.56	1109.43
T94-32	6570507.53	459779.75	1108.12
T94-33	6570764.18	459798.46	1105.66
T94-34	6570746.97	459799.59	1103.66
T94-35	6570714.54	459774.11	1108.64
T94-36	6570697.11	459742.16	1112.87
T94-37	6570697.17	459742.12	1113.63
T94-38	6570688.72	459699.78	1115.62
T94-39	6570681.58	459662.09	1118.60
T94-04	6570270.76	460200.93	1080.54
T94-40	6570784.24	459843.95	1101.87
T94-41	6570785.66	459867.26	1096.80
T94-42	6570706.98	459967.53	1086.43
T94-43	6570692.64	459972.77	1084.75
T94-44	6570692.64	459972.77	1084.75
T94-45	6570700.90	459998.23	1085.59
T94-46	6570700.90	459998.23	1085.59
T94-47	6570698.41	459952.18	1086.24
T94-48	6570683.87	459954.94	1085.31
T94-49	6570697.75	459935.30	1084.25
T94-05	6570279.50	460215.25	1077.99
T94-50	6570697.75	459935.30	1084.25
T94-51	6570697.75	459935.30	1085.69
T94-52	6570677.34	459632.89	1120.59
T94-53	6570666.87	459597.82	1123.58
T94-54	6570666.87	459597.82	1123.58
T94-55	6570655.34	459571.33	1121.57

Hole ID	Northing	Easting	Elevation
T94-56	6570634.45	459532.11	1120.55
T94-57	6570632.96	459501.52	1120.55
T94-58	6570632.96	459501.52	1120.55
T94-59	6570633.32	459315.26	1109.49
T94-06	6570296.33	460159.00	1082.88
T94-60	6570632.28	459315.48	1109.49
T94-61	6570681.55	459310.42	1111.50
T94-62	6570611.72	459220.29	1109.46
T94-63	6570611.72	459220.29	1109.46
T94-64	6570698.65	459362.54	1127.52
T94-65	6570611.72	459220.29	1109.46
T94-66	6570698.65	459362.54	1127.52
T94-67	6570649.51	459367.49	1120.51
T94-68	6570597.21	459372.78	1111.50
T94-69	6570544.55	459386.69	1104.49
T94-07	6570296.10	460157.79	1083.01
T94-70	6570813.36	459366.04	1133.96
T94-71	6570823.98	459414.74	1138.83
T94-72	6570805.44	459310.39	1120.44
T94-73	6570805.44	459310.39	1120.44
T94-74	6570997.55	459250.09	1158.62
T94-75	6570997.55	459250.09	1158.62
T94-76	6570971.59	459152.63	1162.30
T94-77	6570997.55	459250.09	1158.62
T94-78	6570971.59	459152.63	1162.30
T94-79	6570997.55	459250.09	1158.62
T94-08	6570297.31	460144.76	1084.69
T94-80	6570275.07	459547.10	1089.31
T94-81	6570283.86	459482.85	1086.45
T94-82	6570958.02	459060.88	1164.80
T94-83	6570644.18	459172.60	1071.55
T94-84	6570570.86	459426.63	1110.51
T94-85	6570644.13	459173.29	1071.45
T94-86	6570588.32	459509.79	1114.54
T94-87	6570640.92	459173.47	1071.15
T94-88	6570712.11	459169.64	1119.47
T94-09	6570275.39	460079.25	1097.36
T97-132	6570119.00	459481.85	1082.42
T97-133	6570347.36	459408.51	1089.45
T97-134	6570292.50	459412.46	1085.44
T97-135	6569544.25	460488.98	1039.58
T97-136	6569546.24	460488.88	1039.58
T97-137	6569643.82	460478.62	1039.60
TQR80-01	6570577.46	460009.23	1071.68
TQR80-02	6570606.36	460005.60	1074.69
TQR80-03	6570560.07	460018.94	1071.68
TQR81-10	6570548.71	460029.39	1081.68
TQR81-11	6570568.78	460060.43	1082.69
TQR81-12	6570568.78	460060.43	1082.69
TQR81-13	6570632.50	459946.88	1074.67

Hole ID	Northing	Easting	Elevation
TQR81-14	6570566.88	460092.13	1084.70
TQR81-15	6570605.36	459919.69	1074.66
TQR81-16	6570576.69	459933.52	1074.66
TQR81-17	6570575.43	459898.23	1077.65
TQR81-20	6570667.79	459977.79	1084.69
TQR81-21	6570569.45	460122.19	1084.71
TQR81-04	6570600.19	459969.68	1074.67
TQR81-05	6570600.20	459969.67	1074.67
TQR81-06	6570667.20	460007.83	1077.70
TQR81-07	6570636.78	460052.31	1084.71
TQR81-08	6570606.35	460050.75	1082.70
TQR81-09	6570560.66	460349.42	1089.77
TSC85-01	6570697.32	461012.03	1198.99
TSC85-10	6570706.19	461048.68	1208.01
TSC85-02	6570649.33	461017.96	1191.99
TSC85-03	6570099.62	462344.50	1115.31
TSC85-04	6570117.91	462371.92	1124.86
TSC85-05	6570117.91	462371.92	1124.86
TSC85-06	6570112.01	462405.66	1128.73
TSC85-07	6570652.74	461018.33	1191.99
TSC85-08	6570670.69	461049.02	1204.00
TSC85-09	6570670.69	461049.02	1204.00
95-01	-	-	-
95-10	-	-	-
95-11	-	-	-
95-12	-	-	-
95-13	-	-	-
95-14	-	-	-
95-15	-	-	-
95-16	-	-	-
95-17	-	-	-
95-18	-	-	-
95-19	-	-	-
95-02	-	-	-
95-20	-	-	-
95-21	-	-	-
95-22	-	-	-
95-23	-	-	-
95-24	-	-	-
95-25	-	-	-
95-26	-	-	-
95-27	-	-	-
95-28	-	-	-
95-29	-	-	-
95-03	-	-	-
95-30	-	-	-
95-31	-	-	-
95-32	-	-	-
95-33	-	-	-
95-34	-	-	-

Hole ID	Northing	Easting	Elevation
95-35	-	-	-
95-36	-	-	-
95-37	-	-	-
95-38	-	-	-
95-39	-	-	-
95-04	-	-	-
95-40	-	-	-
95-41	-	-	-
95-42	-	-	-
95-43	-	-	-
95-44	-	-	-
95-45	-	-	-
95-46	-	-	-
95-47	-	-	-
95-48	-	-	-
95-49	-	-	-
95-05	-	-	-
95-50	-	-	-
95-51	-	-	-
95-52	-	-	-
95-53	-	-	-
95-54	-	-	-
95-55	-	-	-
95-56	-	-	-
95-57	-	-	-
95-58	-	-	-
95-59	-	-	-
95-06	-	-	-
95-60	-	-	-
95-61	-	-	-
95-62	-	-	-
95-63	-	-	-
95-64	-	-	-
95-65	-	-	-
95-66A	-	-	-
95-66B	-	-	-
95-67	-	-	-
95-68	-	-	-
95-69	-	-	-
95-07	-	-	-
95-70	-	-	-
95-71	-	-	-
95-72	-	-	-
95-73	-	-	-
95-74	-	-	-
95-75	-	-	-
95-76	-	-	-
95-77	-	-	-
95-78	-	-	-
95-08	-	-	-

Hole ID	Northing	Easting	Elevation
95-09	-	-	-
TT9518R	6570492.40	459256.54	1094.44
TT9521R	6570456.92	459155.31	1090.40
TT9532R	6570677.00	459345.25	1113.88
TT9535R	6570581.09	459341.88	1110.49
TT9548R	6570412.47	459856.59	1113.60
96-100	6570339.37	459806.57	1115.35
96-101	6570357.44	459853.10	1116.53
96-102	6570442.19	459883.77	1107.95
96-103	6570481.23	459794.29	1110.53
96-104	6570426.04	459800.04	1115.25
96-105	6570380.85	459802.67	1117.57
96-106	6570364.89	459755.52	1116.43
96-107	6570413.38	459750.47	1117.28
96-108	6570480.80	459744.54	1110.21
96-109	6570462.09	459704.55	1113.68
96-110	6570427.17	459701.61	1120.55
96-111	6570367.98	459713.30	1117.64
96-112	6570378.47	459652.16	1113.53
96-113	6570307.00	459664.01	1109.51
96-114	6570353.82	459603.41	1101.51
96-115	6570363.81	459602.88	1102.51
96-116	6570302.95	459607.15	1100.50
96-117	6570300.95	459607.25	1100.50
96-118	6570364.66	459562.78	1098.50
96-119	6570364.66	459562.78	1098.50
96-120	6570322.78	459566.03	1095.49
96-121	6570342.79	459509.88	1091.48
96-122	6570293.87	459512.51	1089.47
96-123	6570369.33	459463.40	1092.47
96-124	6570395.76	459508.04	1094.49
96-125	6570429.01	459586.36	1101.52
96-126	6570451.38	459630.22	1106.54
96-127	6570109.37	459171.97	1041.32
96-128	6570131.27	459356.03	1074.38
96-129	6570061.81	459274.65	1063.34
96-130	6570179.63	459268.32	1071.37
96-131	6570264.12	459163.65	1072.36
96-079	6569530.63	463033.00	1000.31
96-080	6569210.00	461723.51	1039.86
96-081	6569776.89	461092.29	1079.81
96-082	6569627.13	461100.33	1064.77
96-083	6569627.13	461100.33	1064.77
96-084	6569996.02	459578.57	1079.42
96-085	6569846.26	459586.61	1064.38
96-086	6569812.42	459888.82	1074.47
96-087	6569812.42	459888.82	1074.47
96-088	6569663.62	459914.84	1059.44
96-089	6569673.37	460096.55	1049.49
96-090	6569763.23	460091.73	1059.51

Hole ID	Northing	Easting	Elevation
96-091	6570260.66	459857.45	1118.22
96-092	6570311.81	459856.29	1117.66
96-093	6570412.21	459849.13	1114.11
96-094	6570466.98	459844.70	1110.77
96-095	6570434.20	459883.89	1108.11
96-096	6570392.19	459904.95	1111.07
96-097	6570308.20	459913.76	1115.81
96-098	6570260.60	459896.38	1116.61
96-099	6570259.68	459831.94	1117.62
COR-03-01	6570780.90	459242.09	1121.50
COR-03-02	6570672.04	459342.22	1114.51
COR-03-03	6570539.17	459424.37	1106.50
COR-03-04	6570434.27	459494.50	1099.50
COR-03-05	6570696.54	459738.13	1113.63
COR-03-06	6570359.37	459562.58	1099.50
COR-03-07	6570710.53	459730.11	1119.63
COR-03-08	6570357.37	459568.59	1099.50
COR-03-09	6570311.43	459607.64	1101.50
COR-03-10	6570797.64	459825.99	1105.68
COR-03-11	6570322.94	460013.57	1105.62
COR-03-12	6570623.82	459946.19	1074.67
COR-03-13	6570608.83	459959.21	1074.67
75-03	6567184.23	462566.59	951.60
75-04	6567239.06	462609.90	934.62
75-05	6567239.06	462609.90	934.62
75-06	6567337.99	462673.09	924.67
75-07	6567153.09	462702.27	949.63
77-29	6566701.03	461410.77	986.14
77-31	6566657.68	461432.89	981.13
77-32	6566661.53	461435.27	985.13
77-45	6567337.99	462673.09	924.67
77-46	6567433.52	462736.33	917.71
77-47	6567158.91	462716.09	948.63
77-48	6567229.73	462051.68	929.46
79VAN-1	6568325.29	461258.84	979.50
79VAN-2	6567531.97	461470.84	939.37
79VAN-3	6567599.46	461397.20	939.36
80-N01	6571470.02	458290.04	1248.99
80-N02	6571468.32	458290.01	1248.99
80-N03	6571443.64	458293.91	1248.58
80-N04	6571442.72	458294.80	1248.58
80-N05	6571464.33	458269.73	1248.98
80-N06	6571463.43	458269.71	1248.98
80-N07	6571442.27	458272.79	1248.17
80-N08	6571441.37	458272.77	1248.17
80-N09	6571460.31	458251.15	1250.27
80-N10	6571459.41	458251.13	1250.27
80-N11	6571470.12	458329.65	1252.70
80-N12	6571470.12	458329.65	1252.70
80-N13	6571464.36	458312.84	1252.39

Hole ID	Northing	Easting	Elevation
80-N14	6571463.46	458312.82	1252.39
80-N15	6571437.88	458316.70	1247.89
80-N16	6571436.98	458316.68	1247.89
80-N17	6571414.54	458298.63	1241.18
80VAN-04	6567531.97	461470.84	939.37
80VAN-05	6567531.97	461470.84	939.37
80VAN-06	6567565.53	461443.52	939.37
80VAN-07	6567565.53	461443.52	939.37
80VAN-08	6567565.53	461443.52	939.37
80VAN-09	6567626.31	461404.74	949.37
80VAN-10	6567379.63	461189.75	951.25
80VAN-11	6567590.52	461394.02	941.36
80VAN-12	6567632.91	461374.87	958.37
80VAN-13	6567647.16	461412.16	959.38
81-001	6567236.24	462735.45	938.03
81-002	6567196.59	462668.78	928.98
81-003	6567275.02	462785.26	925.37
81-004	6567205.36	462155.18	932.94
81-005	6566742.61	461445.27	988.57
81-006	6566832.36	461414.13	967.99
81-007	6566273.72	460956.29	996.50
81-010A	6566910.21	461461.79	954.21
81-011A	6566869.65	461454.98	971.19
81M-10	6566910.21	461461.79	954.21
81M-11	6566869.65	461454.98	971.19
81M-12	6567211.83	462200.02	944.50
81M-13	6567205.36	462155.18	932.94
81M-14	6567199.75	462122.91	935.62
81REO-1	6568355.14	458839.29	1046.80
81REO-2	6568328.94	458848.77	1038.80
81REO-3	6568300.75	458858.20	1033.79
82M-20	6567354.22	462626.92	931.66
82M-21	6567368.45	462734.82	924.69
82M-22	6567480.91	462736.88	917.72
82M-23	6567523.30	462737.74	912.73
83-N18	6571639.29	459402.79	1187.23
83-N19	6571622.06	459402.29	1189.16
83-N20	6571609.24	459092.69	1219.66
83-N21	6571589.17	459090.89	1221.45
83-N22	6571458.12	458230.90	1249.07
83-N23	6571458.12	458230.90	1249.07
83-N24	6571409.06	458241.55	1241.26
83-N25	6571451.80	458192.17	1249.25
83-N26	6571451.80	458192.17	1249.25
83-N27	6571441.56	458134.50	1250.23
83-N28	6571428.32	458136.30	1249.03
83-N29	6571430.92	458096.85	1249.32
83-N30	6571430.92	458096.85	1249.32
83-N31	6571535.00	458334.01	1252.91
83-N32	6571397.26	458337.18	1237.08

Hole ID	Northing	Easting	Elevation
83-N33	6571397.26	458337.18	1237.08
85-579	6566304.33	461526.99	976.27
85-586	6566084.82	461463.97	982.78
85-587	6566120.01	461419.52	981.78
85-588	6566198.50	461437.91	980.90
85-589	6566127.25	461439.26	979.98
88-730	6566162.99	461794.55	984.38
90N011	6565874.02	465963.97	1296.88
90N012	6566115.16	466066.90	1301.12
90N013	6566385.03	466070.08	1289.68
95CMP1	6567255.48	468132.64	926.19
95GO-1	6567537.74	463563.08	939.97
95GO-2	6567632.46	463825.01	940.07
95VAN1	6567583.19	461063.85	994.77
95VAN2	6567699.63	461058.60	998.15
95VAN3	6567762.27	460862.45	1007.32
95VAN4	6567747.28	461159.17	961.74
95VAN5	6567804.13	461315.33	977.03
96SWB2	6566024.16	461399.71	988.23
96SWB3	6566044.00	461434.71	984.30
C-47	6566051.37	461153.18	1008.90
C-48	6566016.05	461082.96	1013.54
05BY-01	6568051.77	462301.69	969.83
05BY-02	6568051.28	462302.01	969.83
05BY-03	6568123.74	462422.71	974.94
05BY-04	6568016.98	462193.56	968.57
05SV-01	6568095.41	462112.20	982.65
05SV-02	6568080.70	461986.13	983.60
05PE-01	6567383.94	462879.51	924.21
05BY-05	6567780.00	462024.13	961.67
05BY-06	6567811.28	461948.82	970.04
05SV-03	6567966.10	461750.30	1000.42
05SV-04	6567924.65	461704.29	1000.42
05SV-05	6567942.00	461800.39	992.07
05SV-06	6567928.33	461622.38	997.51
05SV-07	6568025.00	461370.30	977.46
05SV-08	6567950.10	461441.38	985.46
05SV-09	6568047.38	461675.22	959.56
05SV-10	6568047.18	461513.25	970.51
05SV-11	6568050.89	461288.27	984.44
06TII-01	6568182.75	461195.12	982.45
06TII-02	6568260.73	461190.02	989.47
06TII-03	6568260.73	461190.02	989.47
06TII-04	6568244.60	461087.06	982.43
06TII-05	6568240.69	461152.05	989.45
06TII-06	6568195.70	461155.11	984.44
06TII-07	6568204.61	461087.11	980.42
06TII-08	6568204.61	461087.11	980.42
06TII-09	6568197.58	461062.12	977.41
06TII-10	6568172.58	461062.15	975.41

Hole ID	Northing	Easting	Elevation
06TII-11	6568161.50	460995.18	975.89
06TII-12	6568171.48	460983.16	978.89
06TII-13	6568203.80	459663.31	1012.01
06TII-14	6568203.75	459623.32	1013.00
06TII-15	6568185.84	459692.33	1011.01
06TII-16	6568178.80	459662.34	1012.00
06TII-17	6568147.91	459741.37	999.02
06TII-18	6568137.52	459434.43	1001.92
06TII-19	6568220.85	458918.39	1011.79
06TII-20	6567264.21	460666.37	955.07
06TII-21	6567135.26	460688.53	933.68
07ORO-01	6568161.50	460995.18	975.89
07ORO-02	6568171.41	460923.17	984.37
07ORO-03	6568183.37	460896.66	989.36
07ORO-04	6568169.34	460872.18	991.35
07ORO-05	6568111.24	460786.27	1004.31
07TC-01	6570375.45	459629.55	1107.52
07TC-02	6570341.46	459633.60	1107.51
07TC-03	6570419.48	459655.49	1111.54
07TC-04	6570358.53	459694.57	1114.54
07TC-05	6570431.56	459719.47	1118.56
07TC-06	6570412.62	459770.49	1116.57
07TC-07	6570508.01	459298.43	1099.46
07TC-08	6570440.68	459821.44	1113.59
07TC-09	6570376.69	459822.52	1117.58
07TC-10	6570317.78	459883.59	1116.58

Appendix D – Transformed Table Mountain Coordiantes

Hole ID	Northing	Easting	Elevation
02BG-01	6560775.19	461105.83	1254.12
02BG-02	6560865.14	461173.84	1273.12
02BG-03	6560863.73	461329.57	1276.12
02BG-04	6560856.53	461178.65	1270.12
02BG-05	6560879.39	461362.12	1276.12
02BG-06	6560847.21	461237.42	1271.12
02EB-07	6561097.18	461590.97	1303.13
02EB-08	6561143.79	461652.01	1312.13
02EB-09	6561068.10	461683.29	1299.13
02EB-10	6561031.61	461705.46	1288.12
02EB-11	6561103.59	461661.10	1306.13
03GAP-01	6563233.34	461826.07	1584.30
03GAP-02	6562912.04	461443.92	1499.28
75-02	6567181.97	462570.61	946.63
75-04	6567236.68	462614.03	929.63
75-05	6567236.68	462614.03	929.63
75-06	6567335.43	462677.44	919.64
75-07	6567150.52	462706.17	944.62
77-29	6566701.67	461414.07	981.60
77-31	6566658.28	461436.09	976.60
77-32	6566662.13	461438.47	980.60
77-34	6564423.40	461788.41	1406.40
77-35	6564423.40	461788.41	1406.40
77-36	6564423.40	461788.41	1406.40
77-37	6564456.37	461744.96	1411.40
77-38	6564456.37	461744.96	1411.40
77-39	6564456.37	461744.96	1411.40
77-40	6564456.37	461744.96	1411.40
77-41	6564456.37	461744.96	1411.40
77-42	6564456.37	461744.96	1411.40
77-43	6564456.37	461744.96	1411.40
77-44	6564484.26	461705.30	1412.40
77-45	6567335.43	462677.44	919.64
77-46	6567430.77	462740.88	912.64
77-47	6567156.31	462719.99	943.62
77-48	6567228.67	462055.99	924.64
77-49	6564529.06	461735.50	1384.41
77-50	6564529.06	461735.50	1384.41
77-51	6564529.06	461735.50	1384.41
77-52	6564529.06	461735.50	1384.41
77-53	6564529.06	461735.50	1384.41
77-54	6564556.67	461708.13	1379.41
77-55	6564524.29	461636.72	1435.41
77-56	6564524.29	461636.72	1435.41
77-57	6564524.29	461636.72	1435.41
77-58	6564528.45	461629.82	1433.41
77-59	6564528.45	461629.82	1433.41
77-60	6564440.37	461678.32	1449.40
77-61	6564440.37	461678.32	1449.40
77-62	6564440.37	461678.32	1449.40

Hole ID	Northing	Easting	Elevation
77-63	6564454.22	461618.65	1459.40
77-64	6564454.22	461618.65	1459.40
77-65	6564454.22	461618.65	1459.40
77-66	6564454.22	461618.65	1459.40
79-02	6561250.90	460985.09	1307.86
79-02A	6561247.06	460978.00	1305.66
79-06	6561822.32	461110.64	1372.50
79-07	6561822.32	461110.64	1372.50
79-08	6561822.32	461110.64	1372.50
79-67	6564426.63	461866.50	1402.74
79-68	6564426.63	461866.50	1402.74
79-69	6564446.17	461895.80	1402.06
79-70	6564446.17	461895.80	1402.07
79-71	6564563.64	461565.85	1422.80
79-72	6564553.12	461440.85	1414.69
79-73	6564553.12	461440.85	1414.69
79-74	6564607.75	461327.36	1402.02
79-75	6564445.26	461990.50	1436.46
79-76	6564591.53	461634.44	1400.59
79-77	6564539.83	461669.67	1408.97
79-78	6564539.83	461669.66	1408.97
79-79	6564634.71	461586.06	1393.82
79-80	6564389.81	461607.60	1473.02
79-81	6564363.37	461639.94	1469.87
80-001	6561470.95	461002.54	1323.17
80-002	6561470.88	461005.54	1323.17
80-003	6561480.84	461002.87	1323.17
80-004	6561493.57	460979.16	1322.18
80-005	6561495.27	460979.30	1322.18
80-006	6561476.35	460980.17	1322.77
80-082	6564654.01	461530.95	1388.03
80-083	6564611.36	461454.28	1393.28
80-084	6564611.26	461454.46	1393.53
80-085	6564656.24	461430.26	1374.71
80-086	6564559.22	461392.96	1417.13
80-087	6564608.05	461406.67	1396.32
80-088	6564606.39	461635.87	1270.91
80-089	6564585.42	461476.48	1401.04
80-090	6564608.21	461371.63	1398.27
80-091	6564653.24	461529.54	1385.43
80-092	6564672.34	461390.43	1370.11
80-093	6564629.69	461480.33	1390.39
80-094	6564685.39	461347.58	1366.47
80-095	6564574.72	461406.21	1409.77
80-096	6564652.89	461469.94	1378.46
80-097	6564679.17	461302.00	1362.77
80-098	6564572.01	461615.50	1276.08
80-099	6564630.71	461294.88	1387.42
80-100	6564648.95	461401.99	1378.92
80-101	6564627.11	461419.88	1384.62

Hole ID	Northing	Easting	Elevation
80-102	6564638.97	461325.33	1388.87
80-103	6564572.01	461615.50	1270.91
80-104	6564671.04	461100.18	1305.90
80-105	6564638.97	461325.33	1388.87
80-106	6564713.85	461146.70	1298.33
80-107	6564572.01	461615.50	1270.91
80-108	6564619.86	461682.19	1366.81
80-109	6564716.35	461107.70	1295.03
80-110	6564620.14	461682.23	1366.71
80-111	6564572.01	461615.50	1270.91
80-112	6564643.05	461085.00	1306.63
80-113	6564559.61	461686.48	1390.21
80-114	6564671.30	461135.89	1312.53
80-115	6564585.25	461477.02	1406.12
80-116	6564689.04	461057.17	1298.83
80-117	6564671.17	461098.22	1305.63
80-118	6564684.86	461307.25	1363.13
80-119	6564670.86	461098.18	1306.03
80-120	6564662.49	461178.22	1330.43
80-121	6564906.03	460810.64	1196.95
80-122	6564623.77	461751.42	1335.11
80-123	6564867.38	460841.78	1217.65
80-124	6564837.31	460876.51	1235.55
80-125	6564466.48	461803.01	1381.50
80-126	6564435.98	462168.93	1504.79
80-127	6564558.89	461501.45	1416.91
80-128	6564616.09	461679.27	1367.01
80-129	6564616.09	461679.27	1367.01
80-130	6564553.65	461832.68	1333.21
80-131	6564553.65	461832.68	1333.21
80-F28	6564524.98	461561.76	1275.41
80-F29	6564526.29	461565.88	1275.41
80-F30	6564521.15	461594.16	1275.41
80-F31	6564615.25	461593.28	1275.42
80-G32	6564514.55	461510.13	1275.41
80-G33	6564508.62	461507.10	1275.41
80-G34	6564506.82	461507.16	1275.41
80-G35	6564515.69	461512.56	1275.41
80-N01	6571476.28	458305.70	1244.53
80-N02	6571474.58	458305.67	1244.53
80-N03	6571449.90	458309.51	1244.13
80-N04	6571448.98	458310.39	1244.13
80-N05	6571470.64	458285.38	1244.53
80-N06	6571469.74	458285.36	1244.53
80-N07	6571448.58	458288.38	1243.73
80-N08	6571447.68	458288.36	1243.73
80-N09	6571466.66	458266.80	1245.83
80-N10	6571465.76	458266.78	1245.83
80-N11	6571476.29	458345.29	1248.23
80-N12	6571476.29	458345.29	1248.23

Hole ID	Northing	Easting	Elevation
80-N13	6571470.57	458328.47	1247.93
80-N14	6571469.67	458328.45	1247.93
80-N15	6571444.09	458332.27	1243.43
80-N16	6571443.19	458332.25	1243.43
80-N17	6571420.81	458314.15	1236.73
81-001	6567233.56	462739.54	933.00
81-002	6567194.09	462672.80	923.98
81-003	6567272.21	462789.41	920.32
81-004	6567204.07	462159.40	928.09
81-005	6566743.15	461448.66	984.01
81-006	6566832.95	461417.74	963.43
81-007	6566275.58	460958.74	992.17
81-009	6563061.31	460705.73	1431.58
81-010	6561868.50	461124.57	1379.10
81-010A	6566910.66	461465.57	949.62
81-011	6561874.53	461154.30	1381.40
81-011A	6566870.12	461458.66	966.61
81-012	6561870.26	461108.62	1377.80
81-013	6561882.95	461184.09	1386.70
81-014	6561842.45	461078.20	1371.00
81-015	6561882.28	461076.30	1377.90
81-016	6561842.98	461161.09	1377.70
81-017	6561859.74	461042.90	1372.80
81-018	6561820.83	461048.12	1370.40
81-019	6561568.60	460959.26	1331.18
81-022	6561618.80	460931.99	1330.39
81-020	6561569.07	460929.47	1326.28
81-021	6561604.17	460964.56	1334.48
81-023	6561569.55	460894.69	1321.38
81-024	6561622.86	460898.49	1328.69
81-025	6561541.91	460919.36	1321.18
81-026	6561542.03	460918.47	1321.18
81-027	6561506.86	460957.46	1321.18
81-028	6561494.81	460910.70	1322.38
81-029	6561441.43	460977.08	1321.07
81-030	6561433.09	460943.50	1322.47
81-031	6561406.57	460988.90	1320.77
81-032	6561412.49	461032.22	1321.97
81-033	6561450.21	461009.07	1327.47
81-034	6561350.10	461006.12	1327.46
81-035	6561479.79	460995.94	1322.77
81-036	6561264.86	460990.90	1302.96
81-037	6561262.23	460961.15	1303.96
81-038	6561341.66	460985.63	1316.86
81-132	6564422.22	461828.42	1342.49
81-133	6564422.18	461829.02	1343.09
81-134	6564422.49	461827.53	1343.09
81-135	6564426.56	461812.27	1342.60
81-136	6564426.34	461812.15	1344.30
81-137	6564562.35	461593.59	1275.11

Hole ID	Northing	Easting	Elevation
81-138	6564561.62	461595.07	1275.11
81-139	6564561.62	461595.07	1275.31
81-140	6564561.62	461595.07	1276.51
81-141	6564562.35	461593.59	1277.21
81-142	6564562.35	461593.59	1277.21
81-143	6564606.17	461410.24	1394.52
81-144	6564607.49	461388.83	1395.62
81-145	6564535.43	461466.31	1276.41
81-146	6564607.45	461429.02	1392.62
81-147	6564655.42	461549.97	1385.72
81-148	6564571.04	461567.59	1273.41
81-149	6564660.87	461511.44	1381.92
81-150	6564571.35	461566.90	1273.41
81-151	6564678.58	461433.15	1366.42
81-152	6564535.43	461819.59	1340.80
81-153	6564535.63	461819.57	1340.80
81-154	6564678.42	461433.11	1366.42
81-155	6564558.39	461835.27	1332.81
81-156	6564577.23	461400.13	1406.42
81-157	6564518.64	461510.12	1434.01
81-158	6564628.05	461752.11	1335.61
81-159	6564531.07	461560.33	1435.01
81-160	6564571.40	461565.05	1273.41
81-161	6564511.18	461477.86	1346.81
81-162	6564505.31	461507.33	1346.71
81-163	6564513.81	461480.62	1347.91
81-164	6564514.92	461484.95	1347.81
81-165	6564515.92	461484.67	1347.01
81-166	6564515.06	461482.85	1349.81
81-167	6564511.38	461473.17	1349.11
81-169	6564465.15	461741.16	1277.60
81-170	6564528.71	461811.59	1348.20
81-171	6564490.73	461502.54	1440.41
81-172	6564528.71	461811.59	1348.20
81-173	6564528.59	461812.02	1348.30
81-174	6564490.74	461502.54	1440.51
81-175	6564495.45	461526.75	1441.91
81-176	6564528.59	461812.07	1348.30
81-177	6564526.39	461813.87	1348.70
81-178	6564495.44	461526.76	1441.71
81-179	6564503.81	461486.13	1431.91
81-180	6564545.33	461760.52	1370.61
81-181	6564503.81	461486.13	1431.91
81-182	6564518.76	461508.93	1432.51
81-183	6564544.99	461760.52	1370.81
81-184	6564628.50	461755.18	1334.91
81-185	6564544.95	461760.49	1370.41
81-186	6564603.32	461786.93	1335.41
81-187	6564529.43	461872.45	1361.90
81-188	6564529.43	461872.45	1361.90

Hole ID	Northing	Easting	Elevation
81-189	6564464.72	461912.66	1404.30
81-190	6564589.46	461794.29	1337.41
81-191	6564589.46	461794.29	1337.41
81-192	6564589.74	461794.36	1337.71
81-193	6564589.42	461794.25	1337.71
81-194	6564591.04	461795.00	1338.11
81-195	6564623.48	461751.43	1334.81
81-196	6564551.00	461754.78	1370.71
81-197	6564623.28	461751.52	1334.91
81-198	6564551.19	461755.00	1370.51
81-199	6564623.53	461751.50	1334.92
81-B02	6564538.91	461467.09	1279.41
81-B03	6564534.04	461532.67	1279.41
81-B04	6564537.37	461500.05	1279.41
81-B06	6564533.80	461534.46	1279.41
81-B07	6564536.60	461534.12	1279.41
81-B08	6564567.63	461461.74	1279.41
81-B09	6564507.07	461677.82	1279.41
81-B10	6564504.74	461679.17	1279.40
81-B11	6564541.68	461495.25	1280.01
81-B12	6564541.68	461495.25	1279.41
81C-1	6561477.72	460981.50	1322.77
81C-2	6561473.13	460963.40	1321.67
81C-3	6561462.69	460916.48	1322.07
81C-4	6561434.87	460997.43	1319.87
81C-5	6561839.02	461110.81	1371.40
81C-6	6561839.02	461110.81	1371.40
81C-7	6561837.05	461109.17	1371.40
81C-8	6561839.73	461128.13	1373.10
81C-9	6561841.63	461127.77	1373.10
82-15	6562981.21	460761.45	1414.80
82-15A	6562982.62	460760.88	1414.70
82-16	6562981.83	460746.97	1413.40
82-17	6562981.58	460731.57	1411.00
82-18	6562982.30	460774.97	1416.10
82-19	6562981.55	460790.45	1417.10
82-19A	6562982.66	460790.28	1417.10
82-200	6564814.34	461809.02	1199.43
82-201	6564495.21	461773.53	1240.70
82-202	6564507.28	461868.28	1279.10
82-203	6564511.67	461868.38	1279.10
82-204	6564495.21	461773.53	1240.70
82-205	6564510.28	461539.73	1347.81
82-206	6564509.50	461556.91	1347.41
82-207	6564781.70	461792.99	1196.63
82-208	6564814.34	461809.02	1199.43
82-209	6564783.39	461793.82	1197.33
82-210	6564807.03	461787.42	1197.53
82-211	6564797.46	461800.72	1197.23
82-212	6564780.02	461796.90	1197.52

Hole ID	Northing	Easting	Elevation
82-213	6564783.97	461797.60	1198.93
82-214	6564779.99	461797.30	1198.42
82-215	6564783.92	461796.41	1196.63
82-216	6564784.17	461797.31	1197.03
82-217	6564783.23	461791.35	1196.52
82-218	6564724.84	461771.64	1199.42
82-220	6564665.73	461726.91	1334.92
82-221	6564665.27	461726.66	1334.92
82-222	6564788.40	461827.85	1266.52
82-223	6564746.28	461876.81	1294.82
82-224	6564389.20	461410.58	1460.50
82-225	6564356.91	461466.54	1469.80
82-226	6564468.48	461413.25	1444.01
82-227	6564493.24	461524.49	1440.81
82-228	6564746.17	461876.22	1294.42
82-229	6564410.14	461782.65	1411.19
82-230	6564474.59	461688.21	1202.10
82-231	6564811.05	461789.44	1200.43
82-232	6564810.14	461763.87	1200.53
82-233	6564808.72	461757.52	1200.43
82-234	6564496.02	461774.02	1249.90
82-235	6564417.77	461749.06	1201.40
82-236	6564571.64	461616.54	1271.71
82-237	6564430.84	461734.89	1201.40
82-238	6564333.13	461775.30	1278.39
82-239	6564312.08	461760.15	1279.09
82-240	6564412.06	461784.28	1410.29
82-241	6564368.33	461744.99	1442.39
82-242	6564366.85	461744.50	1442.79
82-243	6564366.66	461744.40	1442.59
82-244	6564367.11	461744.27	1442.59
82-245	6564387.77	461701.43	1452.19
82-246	6564411.09	461695.52	1449.10
82-247	6564462.38	461669.71	1441.70
82-248	6564549.72	461870.44	1349.30
83-001	6561379.34	460986.08	1318.37
83-002	6561346.24	461004.13	1317.16
83-003	6561332.77	461016.22	1316.26
83-004	6561361.33	461022.17	1318.16
83-005	6561361.46	461021.07	1318.56
83-006	6561361.17	461033.66	1319.46
83-007	6561367.84	461176.98	1322.06
83-009	6561478.57	460886.24	1324.18
83-010	6561614.90	460963.10	1334.49
83-011	6561616.41	460962.73	1334.49
83-012	6561810.53	461035.19	1369.00
83-013	6561883.05	461188.79	1386.70
83-014	6561905.99	461173.41	1389.20
83-015	6561810.51	461036.19	1369.00
83-016	6561729.42	460757.03	1340.80

Hole ID	Northing	Easting	Elevation
83-017	6561729.42	460757.03	1340.80
83-018	6561729.42	460757.03	1340.80
83-019	6561726.22	460739.36	1340.20
83-020	6561724.22	460739.32	1340.20
83-021	6561783.61	460765.65	1351.20
83-022A	6561788.01	460747.75	1354.20
83-022B	6561797.28	460735.97	1364.20
83-023	6562199.44	461078.95	1415.23
83-024	6562826.35	460606.55	1376.25
83-024B	6562983.15	460838.92	1427.56
83-025	6561382.54	461030.44	1320.27
83-026	6562978.85	460886.88	1436.15
83-026C	6561389.46	461038.40	1319.97
83-027	6562979.10	460939.41	1444.09
83-027C	6561404.57	461037.94	1321.87
83-028	6562976.54	460990.06	1451.29
83-028C	6561316.37	461012.36	1313.66
83-029	6562898.13	461019.38	1445.15
83-030	6563075.38	461116.71	1470.59
83-250	6564750.79	461862.99	1200.72
83-251	6564750.60	461863.06	1200.12
83-252	6564743.63	461818.82	1200.82
83-253	6564417.67	461748.87	1201.60
83-254	6564729.40	461792.51	1200.12
83-255	6564729.51	461791.99	1199.72
83-256	6564729.35	461790.68	1199.69
83-257	6564728.57	461791.74	1199.98
83-258	6564810.17	461805.58	1200.05
83-259	6564809.97	461805.29	1199.71
83-260	6564312.71	461759.14	1277.57
83-261	6564308.00	461758.22	1277.62
83-262	6564474.61	461762.35	1201.63
83-263	6564731.97	461803.73	1199.89
83-264	6564375.51	461647.58	1202.26
83-265	6564378.03	461644.46	1203.95
83-266	6564378.25	461644.53	1203.69
83-267	6564268.14	461703.83	1279.09
83-268	6564819.71	461827.83	1200.03
83-269	6564667.21	461780.17	1200.59
83-270	6564667.34	461779.79	1200.55
83-271	6564667.21	461779.77	1199.98
83-272	6564666.79	461779.36	1200.13
83-273	6564667.16	461778.56	1199.76
83-274	6564667.07	461778.51	1199.73
83-275	6564362.38	461684.46	1227.68
83-276	6564362.33	461684.45	1227.35
83-277	6564468.66	461651.30	1202.35
83-278	6564467.67	461650.14	1202.44
83-280	6564810.61	461806.23	1199.61
83-281	6564512.44	461552.13	1273.87

Hole ID	Northing	Easting	Elevation
83-282	6564512.44	461552.13	1273.86
83-283	6564512.83	461548.51	1273.64
83-284	6564570.04	461570.81	1272.45
83-285	6564570.29	461571.12	1272.11
83-286	6564571.17	461570.49	1272.21
83-287	6564570.70	461567.69	1272.49
83-288	6564570.83	461567.79	1272.21
83-289	6564571.10	461567.52	1272.31
83-290	6564574.30	461569.07	1272.50
83-291	6564572.30	461569.42	1273.01
83-292	6564574.14	461567.66	1272.31
83-293	6564574.12	461568.34	1272.37
83-294	6564541.77	461500.59	1274.01
83-295	6564541.82	461500.51	1274.06
83-296	6564541.71	461500.19	1274.24
83-297	6564536.92	461499.77	1274.70
83-301	6564387.09	461615.86	1472.80
83-302	6564293.35	461658.70	1476.39
83-303	6564306.17	461741.17	1462.29
83-304	6564409.52	461553.12	1469.80
83-305	6564358.46	461567.07	1476.19
83-306	6564380.82	461514.59	1471.30
83-307	6564249.58	461678.10	1484.28
83-308	6564361.37	461645.40	1469.39
83-309	6564774.91	461932.29	1293.52
83-310	6564775.45	461932.16	1293.52
83-311	6564717.25	461986.12	1329.71
83-312	6564889.89	461912.31	1248.83
83-313	6564870.34	461884.66	1251.73
83-314	6564784.03	461951.67	1294.52
83-315	6564788.53	461990.14	1299.42
83-316	6564370.55	461927.26	1438.89
83-317	6564224.03	461906.94	1478.88
83-318	6564186.23	461943.71	1492.17
83-319	6564141.05	461953.25	1499.87
83-320	6564157.43	461988.55	1504.47
83-321	6564200.67	461959.44	1493.87
83-322	6564206.04	461957.57	1493.57
83-323	6564211.79	461968.11	1494.37
83-324	6564190.80	461920.92	1486.77
83-325	6564195.48	461918.24	1487.17
83-326	6564198.72	461899.18	1482.47
83-327	6564188.14	461905.88	1484.67
83-328	6564188.43	461886.21	1481.37
83-329	6564188.43	461886.21	1481.37
83-330	6564223.41	461946.63	1486.77
83-331	6564182.59	461873.47	1481.94
83-332	6564196.15	461854.11	1477.28
83-333	6564224.94	461845.54	1468.08
83-334	6564224.94	461845.54	1468.08

Hole ID	Northing	Easting	Elevation
83-335	6564224.94	461845.54	1468.03
83-336	6564225.61	461845.51	1467.48
83-337	6564228.95	461800.01	1468.48
83-338	6564228.76	461800.19	1468.18
83-339	6564229.07	461800.31	1467.58
83-340	6564270.02	461822.17	1451.38
83-341	6564191.09	461980.12	1500.01
83-342	6564205.53	461984.49	1499.14
83-343	6564163.22	462003.62	1507.32
83-344	6564157.25	461871.79	1486.28
83-350	6564268.53	461734.49	1279.85
83-351	6564273.59	461739.86	1279.29
83-352	6564249.28	461707.84	1276.85
83-353	6564304.48	461613.08	1275.68
83-354	6564311.98	461595.30	1273.63
83-355	6564311.83	461625.85	1273.62
83-356	6564435.19	461580.09	1205.23
83-357	6564428.83	461579.25	1203.87
83-358	6564202.58	461870.65	1385.65
83-N18	6571642.87	459418.45	1182.40
83-N19	6571625.65	459417.91	1184.34
83-N20	6571613.57	459108.38	1214.94
83-N21	6571593.50	459106.54	1216.73
83-N22	6571464.52	458246.55	1244.63
83-N23	6571464.52	458246.55	1244.63
83-N24	6571415.46	458257.07	1236.83
83-N25	6571458.30	458207.82	1244.83
83-N26	6571458.30	458207.82	1244.83
83-N27	6571448.20	458150.15	1245.82
83-N28	6571434.96	458151.91	1244.62
83-N29	6571437.65	458112.58	1244.92
83-N30	6571437.65	458112.48	1244.92
83-N31	6571541.13	458349.81	1248.43
83-N32	6571403.44	458352.65	1232.63
83-N33	6571403.44	458352.65	1232.63
84-359	6564256.32	461889.96	1382.78
84-360	6564338.27	461856.97	1381.99
84-361	6564422.23	461566.38	1205.56
84-362	6564209.44	461882.06	1428.88
84-363	6564209.03	461881.32	1431.35
84-365	6564534.96	461555.26	1271.08
84-366	6564534.92	461555.25	1272.69
84-367	6564534.91	461555.20	1272.86
84-368	6564570.29	461568.28	1272.52
84-369	6564571.85	461614.14	1272.09
84-370	6564405.28	461806.60	1343.37
84-371	6564404.44	461805.63	1343.95
84-372	6564406.31	461805.65	1343.05
84-373	6564404.48	461804.64	1343.26
84-374	6564404.44	461804.64	1342.92

Hole ID	Northing	Easting	Elevation
84-375	6564533.73	461575.00	1205.81
84-376	6564533.27	461574.67	1205.45
84-377	6564536.74	461573.23	1204.63
84-378	6564540.29	461544.52	1206.84
84-379	6564452.51	461584.86	1273.11
84-380	6564452.54	461584.62	1273.19
84-381	6564452.58	461584.42	1273.06
84-382	6564452.62	461584.72	1273.00
84-383	6564452.68	461584.72	1272.80
84-384	6564452.69	461584.52	1272.80
84-385	6564452.88	461584.62	1272.65
84-386	6564452.52	461584.89	1273.05
84-387	6564453.18	461584.73	1272.80
84-388	6564452.70	461584.02	1273.00
84-389	6564453.33	461581.56	1272.94
84-390	6564505.16	461875.52	1275.93
84-391	6564505.31	461874.54	1276.63
84-392	6564246.83	461708.85	1277.48
84-393	6564247.00	461708.80	1276.75
84-394	6564299.69	461752.76	1277.11
84-395	6564299.63	461752.73	1276.59
84-396	6564211.47	461914.80	1382.88
84-397	6564211.40	461914.80	1382.58
84-398	6564237.74	461905.35	1382.62
84-399	6564198.47	461897.97	1383.38
84-400	6563660.06	464066.66	1497.06
84-401	6563683.86	464038.06	1503.46
84-402	6563657.31	464035.84	1499.90
84-403	6563641.79	464053.27	1500.20
84-404	6563697.58	464050.70	1502.68
84-405	6563466.30	463976.96	1506.36
84-406	6563477.58	464024.13	1503.92
84-407	6563588.64	463139.55	1591.40
84-408	6563588.71	463100.61	1595.21
84-409	6563656.88	463060.49	1605.30
84-410	6563657.41	463060.46	1605.26
84-411	6563665.46	463118.81	1600.78
84-412	6563616.98	464504.45	1479.45
84-413	6563586.55	464463.90	1481.28
84-414	6563613.56	464424.03	1484.48
84-415	6563606.47	464343.45	1485.67
84-416	6563714.94	464541.55	1477.26
84-417	6563707.89	464501.31	1478.32
84-418	6563720.14	464460.17	1481.04
84-419	6563774.69	464442.52	1482.80
84-420	6563432.35	464061.81	1510.62
84-421	6563482.40	464064.66	1511.48
84-422	6564595.99	461870.19	1338.32
84-423	6564717.57	461981.41	1328.61
84-424	6564207.94	461830.88	1469.78

Hole ID	Northing	Easting	Elevation
84-425	6564264.12	461825.48	1452.09
84-426	6564201.03	461809.79	1470.58
84-427	6564249.48	461980.03	1489.38
84-428	6564418.66	462532.07	1579.48
84-429	6564309.42	461379.58	1480.40
84-430	6564783.52	461952.28	1294.42
84-431	6564732.99	462022.01	1329.41
84-432	6564668.52	462008.16	1366.21
84-433	6564670.38	461963.27	1353.73
84-434	6564744.04	462048.45	1327.59
84-435	6564728.14	462028.74	1331.71
84-436	6564727.89	462028.62	1331.73
84-437	6564727.47	462028.23	1332.64
84-438	6564212.99	461910.58	1483.41
84-439	6564187.86	461873.97	1484.23
84-440	6564195.39	461872.62	1483.66
84-441	6564272.14	461909.10	1467.62
84-442	6564324.15	461907.33	1453.74
84-443	6564303.30	462031.39	1492.61
84-444	6564193.44	461874.14	1483.06
84-445	6564192.42	461873.32	1483.16
84-446	6563649.41	462580.93	1639.37
84-447	6563653.63	462557.04	1639.26
84-448	6563662.02	462543.05	1638.41
84-449	6563665.61	462520.93	1637.63
84-450	6564571.84	461614.53	1271.97
84-451	6564198.47	461898.01	1384.37
84-452	6564198.53	461900.11	1383.57
84-453	6564532.67	461948.03	1278.20
84-454	6564529.48	461951.00	1277.83
84-455	6564529.48	461951.00	1277.86
84-456	6564532.52	461947.67	1277.88
84-457	6564210.99	461915.39	1382.68
84-458	6564212.30	461914.82	1382.58
84-459	6564207.00	461897.30	1382.48
84-460	6564207.30	461897.21	1382.58
84-461	6564207.10	461897.20	1382.68
84-462	6564206.71	461896.90	1382.28
84-463	6564246.42	461709.44	1278.08
84-500	6563665.67	462498.08	1636.04
84-501	6563661.57	462475.90	1636.18
84-502	6563661.15	462459.61	1638.85
84-503	6563660.54	462442.81	1642.63
84-504	6563720.09	462463.71	1645.17
84-505	6563683.47	462487.03	1638.92
84-506	6563679.33	462470.66	1639.26
84-507	6563678.46	462507.87	1638.13
84-508	6563672.47	462452.51	1643.16
84-509	6563643.25	462347.93	1649.42
84-510	6563656.99	462273.75	1651.19

Hole ID	Northing	Easting	Elevation
84-511	6563666.90	462302.93	1652.98
84-512	6563668.67	462270.25	1649.69
84-513	6563667.31	462253.37	1647.61
84-514	6563690.29	462283.37	1652.03
84-515	6563527.56	463186.74	1588.48
84-516	6563449.28	463181.22	1580.25
84-517	6563611.95	463378.36	1590.53
84-518	6563458.42	463431.89	1573.75
84-519	6563555.64	463554.04	1568.23
84-520	6563430.53	463637.43	1554.57
84-521	6563395.24	463654.27	1537.47
84-522	6563465.44	463690.28	1554.10
84-523	6563468.37	463727.17	1551.14
84-524	6563466.32	463770.15	1544.86
84-525	6563496.94	463984.42	1504.34
84-526	6563525.09	463982.98	1504.57
84-527	6563501.59	463880.01	1527.21
84-528	6563459.48	463854.30	1525.84
84-529	6563481.71	463816.17	1538.66
84-530	6563480.41	463862.92	1525.58
84-531	6563460.62	463865.90	1525.97
84-532	6563461.35	463884.99	1525.87
84-533	6563438.41	463857.13	1525.75
84-534	6563438.30	463838.31	1527.15
84-535	6563448.18	463873.93	1525.92
84-536	6563441.31	463898.94	1524.44
84-537	6563519.92	463831.01	1539.59
84-538	6563506.29	463796.45	1544.00
84-539	6563506.29	463796.45	1544.00
84-540	6563456.73	463902.36	1525.99
84-541	6563450.03	463959.73	1506.80
84-542	6563452.85	463999.13	1505.78
84-543	6563701.77	462254.69	1643.72
84-544	6563738.65	462273.42	1644.78
84-545	6563784.50	462278.82	1637.84
84-546	6563716.12	462301.81	1654.18
85-081	6561911.65	461206.91	1393.70
85-082	6561882.15	461124.82	1380.00
85-083	6561848.82	461167.84	1380.20
85-084	6561854.94	461026.33	1373.50
85-085	6561455.64	460916.15	1324.27
85-086	6561449.44	460905.21	1325.57
85-087	6561497.99	461054.26	1337.87
85-088	6561439.47	461032.44	1325.87
85-089	6561421.62	461099.96	1324.67
85-090	6561763.35	460743.13	1351.00
85-091	6561774.84	460721.48	1352.70
85-092	6561729.81	460714.07	1345.00
85-093	6561350.48	460949.96	1319.97
85-094	6561333.00	460983.59	1316.56

Hole ID	Northing	Easting	Elevation
85-095	6561319.09	460980.66	1314.86
85-096	6561317.22	460979.60	1314.86
85-097	6561310.46	460953.26	1313.86
85-098	6561243.59	460791.51	1317.46
85-099	6561194.52	460798.61	1300.56
85-100	6557883.80	461584.70	1172.90
85-101	6557900.43	461593.55	1170.70
85-102	6557870.99	461621.54	1170.49
85-103	6557890.76	461628.17	1167.90
85-104	6557879.17	461633.95	1167.60
85-105	6557883.25	461648.61	1167.10
85-106	6557850.53	461634.88	1167.79
85-107	6561441.11	461046.34	1327.47
85-108	6561440.41	461045.56	1327.67
85-109	6561440.58	461033.00	1325.77
85-110	6561438.99	461134.99	1329.97
85-111	6561434.42	461119.36	1330.27
85-112	6561422.27	461094.32	1324.76
85-113	6561422.35	461094.31	1324.57
85-114	6561439.58	461102.77	1329.27
85-115	6561460.05	461130.39	1334.87
85-116	6561456.60	461121.96	1334.07
85-117	6561478.40	461051.57	1335.17
85-118	6561476.56	461123.73	1336.17
85-119	6561484.41	461196.39	1344.37
85-120	6561429.30	461199.28	1332.27
85-121	6561429.39	461199.26	1332.07
85-122	6561439.02	461217.63	1336.07
85-123	6561445.03	461237.19	1338.97
85-124	6561376.12	461196.69	1322.66
85-125	6561503.74	461190.95	1348.07
85-126	6561450.88	461204.81	1337.87
85-127	6561341.92	461035.38	1317.66
85-128	6561353.01	461010.76	1317.96
85-129	6561377.47	461052.19	1320.76
85-130	6561416.17	461251.31	1333.46
85-131	6561465.49	461268.98	1348.27
85-132	6561465.73	461269.10	1348.17
85-133	6561465.06	461285.91	1349.87
85-134	6561475.97	461255.86	1349.67
85-135	6561509.15	461263.34	1358.47
85-136	6561499.98	461248.90	1354.37
85-137	6561500.22	461248.79	1354.27
85-138	6561531.33	461271.17	1367.07
85-139	6561531.53	461271.14	1366.87
85-140	6561611.01	461114.11	1357.08
85-141	6561551.54	461117.37	1347.82
85-142	6561669.57	461115.67	1364.50
85-143	6561561.56	461299.54	1382.17
85-144	6561533.32	461318.28	1374.77

Hole ID	Northing	Easting	Elevation
85-145	6561498.08	461286.94	1361.37
85-146	6561610.17	461278.87	1387.48
85-147	6561542.95	461355.50	1379.37
85-148	6561513.27	461204.08	1349.97
85-149	6561572.58	461404.29	1390.86
85-150	6561525.29	461250.97	1361.87
85-151	6561507.03	461176.92	1347.57
85-152	6561484.28	461136.80	1338.57
85-153	6561512.87	461116.99	1341.97
85-154	6561481.87	461095.61	1336.37
85-155	6561459.85	461081.59	1333.07
85-156	6561465.14	461057.73	1332.77
85-157	6561495.47	461060.17	1338.87
85-464	6564572.60	461616.92	1271.01
85-465	6564504.92	461686.58	1274.02
85-466	6564681.51	461791.95	1136.08
85-467	6564681.52	461791.54	1136.45
85-468	6564681.52	461791.69	1136.00
85-469	6564535.39	461546.01	1203.67
85-470	6564535.39	461546.04	1203.01
85-471	6564536.21	461545.11	1203.23
85-472	6564572.82	461616.69	1271.01
85-473	6564496.69	461665.94	1276.67
85-474	6564158.19	461777.38	1278.95
85-475	6564159.34	461777.99	1278.67
85-476	6564157.50	461776.73	1278.63
85-477	6564572.50	461614.83	1271.89
85-478	6564533.53	461947.92	1277.77
85-479	6564530.11	461948.57	1278.34
85-547	6565296.57	461617.37	1201.38
85-548	6565304.58	461656.44	1198.07
85-549	6565304.51	461656.19	1197.87
85-550	6565360.14	461706.82	1174.87
85-551	6565372.45	461763.61	1161.27
85-552	6565453.51	461796.21	1130.48
85-553	6564105.53	461749.28	1497.37
85-554	6563508.10	463692.53	1558.55
85-555	6563462.21	463649.56	1556.50
85-556	6563479.92	463605.35	1559.74
85-557	6563446.94	463571.45	1559.78
85-558	6563507.84	463752.78	1554.28
85-559	6563487.35	463752.31	1554.28
85-560	6563466.87	463751.85	1541.27
85-561	6563466.05	463573.03	1561.47
85-562	6563427.93	463567.72	1564.33
85-563	6563448.17	463529.51	1564.56
85-564	6563455.16	463492.41	1565.93
85-565	6563447.27	463585.23	1562.27
85-566	6563523.32	464224.87	1483.42
85-567	6563550.46	464151.81	1502.34

Hole ID	Northing	Easting	Elevation
85-568	6563474.83	463489.04	1567.54
85-569	6563461.34	463454.58	1570.60
85-570	6563549.24	463873.28	1530.23
85-571	6563604.43	463873.86	1532.79
85-572	6563658.06	463875.23	1530.23
85-573	6563779.69	463878.62	1515.01
85-574	6563691.53	463634.89	1565.26
85-575	6563827.48	463879.42	1521.49
85-576	6563822.31	462569.12	1665.66
85-577	6564011.79	462429.28	1614.27
85-578	6564011.55	462429.27	1614.52
85-579	6566304.84	461529.31	971.77
85-580	6565388.09	461673.21	1172.38
85-581	6565388.25	461673.21	1172.38
85-582	6565394.61	461701.83	1159.48
85-583	6565406.58	461747.09	1147.48
85-584	6565360.67	461707.08	1175.07
85-585	6565367.70	461764.91	1160.67
85-586	6566085.56	461465.80	978.34
85-587	6566120.84	461421.45	977.34
85-588	6566199.26	461440.02	976.45
85-589	6566128.02	461441.21	975.54
85-590	6563434.57	463487.57	1564.42
85-591	6563482.97	463472.33	1568.51
85-592	6563484.38	463418.33	1573.28
85-593	6563520.92	463343.69	1590.80
85-594	6563533.74	463313.91	1593.55
85-595	6563560.24	463273.36	1596.15
85-596	6563541.55	463275.22	1594.83
85-597	6563705.72	464596.38	1471.31
85-598	6563732.44	464555.40	1475.08
85-599	6563661.59	464408.32	1485.75
85-600	6563663.36	464375.47	1485.89
86-031	6563025.64	460761.95	1425.81
86-032	6563071.62	460758.41	1438.54
86-033	6562817.54	460755.79	1391.60
86-034	6562733.35	460595.07	1376.81
86-158	6561633.43	461408.41	1403.38
86-159	6561537.92	461143.51	1347.38
86-160	6561270.83	461074.62	1308.51
86-161	6561226.60	461075.71	1300.95
86-162	6561227.14	461074.32	1301.95
86-163	6561157.86	461075.83	1294.65
86-164	6561503.02	461083.77	1336.37
86-165	6561512.38	461045.92	1340.08
86-166	6561547.80	461159.99	1350.28
86-167	6561557.42	461180.80	1355.38
86-168	6561558.14	461180.35	1355.48
86-169	6561391.61	461122.48	1323.36
86-170	6561478.33	461007.48	1327.57

Hole ID	Northing	Easting	Elevation
86-171	6561481.79	461000.46	1327.87
86-172	6561486.60	460969.56	1322.48
86-173	6561849.54	461183.48	1381.80
86-174	6561827.50	461196.73	1383.10
86-175	6561900.50	461151.79	1385.30
86-176	6561467.70	461324.80	1248.17
86-177	6561459.14	461371.34	1241.16
86-178	6561499.91	461437.06	1234.77
86-179	6561504.60	461434.69	1234.17
86-180	6561357.99	461141.54	1321.56
86-181	6561245.97	460821.22	1312.06
86-182	6562086.03	460717.39	1377.53
86-183	6562089.87	460730.76	1378.33
86-184	6562111.11	460718.93	1379.73
86-185	6562105.44	460749.76	1381.73
86-186	6562111.10	460769.88	1381.75
86-187	6562082.96	460690.96	1375.33
86-188	6562117.11	460789.11	1381.73
86-189	6562143.43	460773.24	1382.93
86-190	6562080.97	460811.73	1379.83
86-191	6561466.12	461327.91	1247.97
86-192	6561466.24	461328.05	1247.67
86-193	6561391.35	461310.33	1332.06
86-194	6561405.07	461225.40	1257.76
86-195	6561405.87	461225.38	1257.26
86-196	6561406.07	461225.68	1257.06
86-197	6561405.17	461222.91	1257.36
86-601	6563455.14	463634.24	1557.17
86-602	6563451.97	463610.81	1560.12
86-603	6563493.26	463635.00	1559.94
86-604	6563495.88	463576.06	1562.21
86-605	6563459.76	463550.06	1563.16
86-606	6563435.44	463540.87	1561.89
86-607	6563421.98	463515.79	1561.00
86-608	6563451.26	463512.12	1564.91
86-609	6563491.27	463452.80	1568.98
86-610	6563513.29	463404.24	1579.19
86-611	6563539.42	463355.78	1591.00
86-612	6563536.37	463205.44	1592.83
86-613	6563466.26	463968.13	1506.76
86-614	6563501.52	464030.36	1502.37
86-615	6563704.62	464622.38	1466.93
86-616	6563755.78	464532.90	1475.32
86-617	6563832.44	464585.90	1463.49
86-618	6563798.43	464492.59	1472.70
86-619	6563798.77	464492.62	1471.33
86-620	6563875.26	464449.28	1470.13
86-621	6563875.64	464449.24	1469.23
86-622	6563874.44	464408.47	1469.16
86-623	6563874.65	464408.46	1469.06

Hole ID	Northing	Easting	Elevation
86-624	6563826.54	464367.95	1473.39
86-625	6565392.12	461545.50	1172.48
86-626	6565422.45	461693.68	1155.38
86-627	6565450.33	461744.13	1133.68
86-628	6564710.23	461670.37	1335.02
86-629	6564560.50	461093.79	1343.52
86-630	6564546.81	461943.90	1381.80
86-631	6564680.53	462075.53	1374.91
86-632	6564682.49	462074.70	1374.81
86-633	6564166.11	461627.68	1503.48
86-634	6564050.53	461919.57	1502.66
86-635	6564322.89	462019.51	1489.28
86-636	6564394.48	461977.00	1455.79
86-637	6564368.11	461999.99	1471.38
86-638	6563657.23	464610.80	1468.86
86-639	6563779.70	464522.59	1473.67
86-640	6565353.25	461515.92	1178.68
86-641	6563771.05	464469.45	1476.41
86-642	6563838.78	464439.14	1476.80
86-643	6563788.43	464435.78	1484.93
86-644	6563757.18	464410.77	1491.28
86-645	6563754.98	464437.01	1484.94
86-646	6563538.95	463225.98	1596.27
86-647	6563533.23	463184.88	1587.67
86-648	6563550.44	463175.90	1587.81
86-649	6563537.48	463249.44	1596.50
86-650	6563536.97	463289.80	1594.23
86-651	6563571.29	463183.91	1590.35
86-652	6563659.29	463135.91	1598.36
86-653	6563735.60	463826.81	1530.65
86-654	6563974.22	463886.58	1523.49
86-655	6563701.41	463927.44	1514.03
86-656	6563974.32	463891.58	1523.11
87-198	6561404.82	461223.86	1258.16
87-199	6561522.17	461475.55	1235.17
87-200	6561522.17	461475.55	1235.13
87-201	6561506.48	461471.81	1235.47
87-202	6561505.46	461469.04	1234.67
87-203	6561501.29	461471.17	1234.57
87-204	6561502.89	461470.22	1235.67
87-205	6561522.04	461475.18	1235.47
87-206	6561458.85	461371.39	1241.36
87-207	6561501.46	461468.12	1235.17
87-208	6561501.31	461467.55	1234.97
87-209	6561501.52	461468.84	1234.47
87-210	6561501.28	461467.28	1235.37
87-211	6561459.35	461370.69	1241.66
87-212	6561474.07	461374.89	1239.17
87-213	6561473.97	461374.54	1238.97
87-214	6561443.11	461184.15	1255.87

Hole ID	Northing	Easting	Elevation
87-215	6561444.61	461188.89	1255.97
87-216	6561442.60	461181.44	1256.37
87-217	6561442.57	461181.37	1256.57
87-218	6561347.42	461268.97	1249.76
87-220	6561631.67	461647.51	1391.77
87-222	6561603.09	461654.29	1392.57
87-223	6561217.44	461111.91	1304.05
87-224	6561252.84	460833.45	1310.06
87-225	6557942.01	461619.83	1168.50
87-226	6557901.58	461569.60	1173.80
87-227	6561186.08	461084.22	1300.45
87-228	6561161.20	461126.27	1299.95
87-229	6561137.00	461139.72	1297.84
87-657	6564574.83	461570.68	1273.07
87-658	6564574.73	461570.54	1273.22
87-659	6564511.08	461758.19	1200.57
87-660	6564574.85	461570.26	1273.24
87-661	6564671.47	461773.54	1201.29
87-662	6564574.83	461570.22	1273.27
87-663	6564425.30	461458.69	1275.25
87-664	6565417.71	461593.67	1132.60
87-665	6564546.03	461402.80	1276.64
87-666	6564996.35	461712.58	1134.19
87-667	6564533.07	461466.69	1276.83
87-668	6564543.43	461466.38	1276.26
87-669	6564863.11	461773.51	1133.88
87-670	6564542.18	461499.67	1274.97
87-671	6564274.68	462090.64	1515.85
87-672	6564370.92	462315.86	1550.32
87-673	6564228.03	462090.98	1521.13
87-674	6564186.05	462113.50	1533.88
87-675	6564247.67	462135.41	1531.16
87-676	6564303.55	462028.76	1494.42
87-677	6564244.56	462045.09	1506.05
87-678	6564232.34	462029.47	1505.61
87-679	6564455.42	462333.40	1531.74
87-680	6564248.48	462328.22	1567.47
87-681	6564159.37	462331.01	1573.88
87-682	6564247.60	462083.33	1517.17
87-683	6564217.61	462031.18	1506.83
87-684	6563678.75	461800.09	1646.65
87-685	6563679.19	461803.23	1646.58
87-686	6563655.24	461847.81	1657.50
87-687	6563588.98	461846.59	1660.41
87-688	6563474.81	461842.83	1650.94
87-689	6563351.14	461841.01	1624.37
87-690	6563332.22	461850.25	1617.53
87-691	6563330.29	461828.84	1614.63
87-692	6563229.64	461927.06	1593.55
87-693	6564724.00	461731.83	1317.72

Hole ID	Northing	Easting	Elevation
87-694	6564874.26	461694.49	1289.01
87-695	6564788.76	461745.62	1293.35
87-696	6565073.16	461590.51	1260.08
87-697	6565042.56	461585.37	1268.84
87-698	6565066.22	461634.15	1260.59
87-699	6564846.84	461838.13	1258.55
87-700	6564996.19	461712.81	1135.18
87-701	6564493.05	461669.31	1275.02
87-702	6564682.01	461793.33	1135.01
87-703	6564527.86	461945.81	1278.23
87-704	6564528.12	461946.13	1279.40
87-705	6564532.88	461947.17	1277.29
87-706	6564624.30	461767.05	1199.69
87-707	6564621.51	461766.38	1200.60
87-708	6564493.05	461669.31	1275.40
87-709	6564535.05	461467.82	1275.66
87657V	6563845.02	463816.36	1540.70
87658V	6563865.89	463817.33	1541.51
87N001	6561055.85	469542.49	1360.54
87N002	6561056.02	469542.49	1360.22
87N003	6561058.02	469536.02	1360.67
87N004	6561057.71	469535.93	1360.69
87N005	6561059.76	469529.96	1361.08
87N006	6561081.41	469506.83	1368.72
87N007	6561126.38	469516.07	1362.76
87N008	6561107.47	469509.67	1364.91
87N009	6561117.11	469598.67	1355.16
87N010	6561166.29	469617.88	1349.76
87N011	6561211.76	469624.51	1347.76
87N012	6561315.80	469657.32	1342.61
88-001	6565433.97	462961.80	1362.95
88-002	6564325.01	462962.63	1633.16
88-003	6560626.47	460085.51	1259.05
88-004	6560646.11	460162.75	1255.09
88-005	6560511.44	459891.37	1264.30
88-006	6560596.83	460149.92	1255.95
88-007	6560594.96	459993.78	1261.59
88-008	6560561.26	460097.58	1259.95
88-009	6560594.96	459993.78	1261.59
88-010	6560508.74	460026.74	1262.93
88-011	6560616.50	459977.08	1263.35
88-012	6560499.12	459863.55	1266.89
88-013	6560508.31	460023.94	1262.81
88-014	6560503.06	460029.85	1263.10
88-015	6560488.68	459830.64	1268.42
88-016	6560512.52	459969.35	1261.81
88-017	6560517.07	459790.11	1263.81
88-018	6560622.90	460138.83	1256.57
88-019	6560694.88	459851.12	1260.89
88-020	6560691.24	459874.98	1261.69

Hole ID	Northing	Easting	Elevation
88-021	6560679.88	460319.70	1249.21
88-022	6560680.64	459900.79	1265.27
88-023	6560636.14	460364.79	1250.88
88-024	6560837.69	459882.82	1275.50
88-025	6560582.89	460390.47	1255.70
88-026	6560618.32	460143.91	1256.09
88-027	6560666.66	460292.44	1249.22
88-028	6560638.90	460153.98	1255.26
88-029	6560647.28	460166.19	1254.49
88-029A	6560647.28	460166.19	1254.49
88-030	6560586.81	459934.40	1263.58
88-031	6560596.85	459940.87	1264.41
88-032	6560608.80	459951.63	1264.88
88-033	6560611.58	459962.39	1263.77
88-034	6560615.53	459968.46	1263.32
88-035	6560616.26	459985.91	1262.39
88-036	6560619.32	459993.02	1263.08
88-037	6560626.46	459999.34	1263.13
88-038	6560629.64	460003.92	1263.34
88-039	6560637.65	460007.87	1264.20
88-040	6560618.57	460113.33	1257.08
88-041	6560621.33	460081.31	1259.60
88-042	6560638.74	460106.12	1257.61
88-043	6560738.98	459840.55	1261.55
88-044	6560724.24	459839.36	1259.75
88-045	6560431.42	460118.00	1282.62
88-046	6560560.40	459846.07	1269.86
88-047	6560577.88	459876.19	1271.01
88-048	6560595.21	460136.95	1256.13
88-049	6560664.78	460195.13	1249.13
88-050	6560633.60	460493.40	1248.61
88-051	6560662.49	460488.28	1248.95
88-052	6560638.29	460147.44	1255.33
88-053	6560644.40	459986.52	1266.28
88-054	6560538.61	460094.51	1263.18
88-055	6560393.81	460104.76	1280.77
88-056	6560458.15	460195.66	1282.57
88-230	6561522.28	461475.70	1234.97
88-231	6561522.27	461475.68	1234.87
88-232	6561522.26	461475.67	1234.75
88-233	6561522.51	461475.85	1235.57
88-234	6561521.94	461475.79	1235.37
88-235	6561521.57	461475.63	1235.37
88-236	6561522.51	461475.85	1235.07
88-237	6561522.70	461475.97	1235.07
88-238	6561410.39	461221.41	1258.26
88-239	6561395.14	462212.55	1366.04
88-240	6561399.63	461058.27	1321.87
88-241	6561399.68	461057.89	1321.77
88-242	6561400.76	461058.77	1321.87

Hole ID	Northing	Easting	Elevation
88-243	6561454.56	461045.15	1328.27
88-244	6561453.73	461061.34	1329.47
88-245	6561487.41	461100.81	1336.27
88-246	6561460.09	461074.93	1332.17
88-247	6561461.87	461003.19	1325.27
88-248	6561417.58	461020.84	1322.17
88-249	6561466.89	461016.38	1327.07
88-250	6561478.69	460978.18	1322.57
88-251	6561388.46	461091.22	1323.06
88-252	6561386.02	461091.28	1323.16
88-253	6561386.63	461089.06	1323.16
88-254	6561386.26	461095.69	1322.66
88-255	6561376.22	461096.86	1323.76
88-256	6561374.60	461096.30	1323.66
88-257	6561677.50	461240.54	1387.88
88-258	6561631.14	461206.84	1371.98
88-259	6561467.20	461006.92	1326.47
88-260	6561333.38	461089.96	1317.16
88-261	6561348.13	461658.77	1344.75
88-262	6561458.49	461616.89	1361.56
88-263	6561460.92	461633.07	1362.66
88-264	6561461.23	461632.83	1362.53
88-265	6561481.73	461603.34	1366.39
88-266	6561648.86	461944.65	1423.87
88-267	6561206.86	461917.19	1326.73
88-268	6561305.75	461684.46	1334.15
88-269	6561305.75	461684.46	1334.15
88-270	6561305.29	461684.23	1334.35
88-271	6561306.55	461683.76	1334.25
88-272	6561529.79	461615.87	1376.69
88-273	6561293.00	461672.26	1337.53
88-274	6561293.16	461671.86	1338.15
88-275	6561292.52	461671.13	1337.74
88-276	6561292.63	461671.15	1337.54
88-277	6562126.00	461443.74	1439.52
88-278	6562017.72	461486.58	1435.46
88-279	6561909.97	461527.31	1435.50
88-280	6561894.82	461537.53	1436.10
88-659	6563949.93	464684.21	1344.52
88-660	6563950.01	464684.20	1343.79
88-661	6563950.94	464684.39	1342.58
88-662	6563951.40	464684.11	1343.61
88-663	6563951.65	464684.12	1343.56
88-664	6563954.87	464684.40	1343.59
88-665	6563899.90	464590.46	1327.95
88-666	6563899.86	464590.41	1327.42
88-667	6563900.95	464590.42	1327.22
88-668	6563901.47	464590.47	1327.23
88-669	6563901.70	464590.48	1327.16
88-670	6563832.12	464452.91	1298.78

Hole ID	Northing	Easting	Elevation
88-671	6563837.71	464452.89	1297.10
88-672	6563837.65	464452.80	1297.13
88-673	6563451.24	463691.81	1485.70
88-674	6563454.80	463694.59	1484.01
88-675	6563455.25	463687.81	1485.19
88-676	6563442.43	463763.70	1484.06
88-677	6563440.91	463420.33	1575.07
88-678	6563453.59	463401.80	1574.99
88-679	6563525.47	463326.58	1593.09
88-680	6563544.98	463324.55	1594.11
88-681	6563588.99	462709.31	1631.73
88-710	6564493.09	461669.47	1274.90
88-711	6564493.30	461669.13	1274.40
88-712	6564492.14	461670.41	1274.40
88-713	6564494.81	461666.72	1274.80
88-714	6564464.03	461609.17	1272.90
88-715	6564630.43	461589.09	1392.85
88-716	6564630.26	461589.16	1392.72
88-717	6564576.35	461958.11	1381.30
88-718	6564576.25	461958.32	1380.90
88-719	6564621.08	462054.77	1406.70
88-720	6564630.05	462100.34	1413.40
88-721	6564846.77	461981.86	1277.92
88-722	6564854.01	462174.98	1325.02
88-723	6564853.04	462173.36	1325.12
88-724	6564849.19	462171.68	1325.48
88-725	6564809.64	461757.35	1135.43
88-726	6564809.62	461756.92	1134.95
88-727	6564809.71	461756.01	1135.15
88-729	6565476.13	462057.76	1131.69
88-730	6566162.92	461796.45	979.83
88C-1	6560569.99	459964.28	1260.91
88C-2	6560593.32	460043.60	1261.27
89-003	6564148.82	462551.53	1646.81
89-004	6564147.40	462608.23	1656.53
89-005	6564147.21	462686.57	1677.02
89-281	6560943.59	460514.86	1258.01
89-282	6560975.84	460718.43	1269.14
89-283	6560967.47	460692.20	1272.31
89-284	6560963.13	460616.34	1277.52
89-285	6561049.69	461155.76	1285.68
89-286	6561105.94	461178.11	1291.54
89-287	6560592.78	460849.11	1246.67
89-288	6560593.73	460848.73	1246.72
89-289	6560591.82	460847.00	1246.61
89-290	6560620.43	460911.00	1247.89
89-291	6560621.38	460910.69	1248.18
89-292	6560636.49	460946.31	1247.21
89-293	6560661.46	460976.38	1245.87
89-294	6560672.02	461008.47	1242.60

Hole ID	Northing	Easting	Elevation
89-295	6560587.57	460800.75	1251.58
89-296	6560592.80	460756.33	1253.98
89-297	6560584.19	460729.42	1252.31
89-298	6560573.44	460693.99	1250.41
89-299	6561075.13	461139.10	1286.94
89-300	6561003.74	461168.80	1280.98
89-301	6562624.88	460673.76	1382.00
89-302	6562588.88	460675.38	1382.22
89-303	6560973.23	461184.79	1277.33
89-304	6560699.58	460905.69	1254.34
89-305	6562658.95	460757.28	1388.88
89-306	6560650.23	461020.33	1240.86
89-307	6561022.95	461209.01	1287.08
89-308	6560648.36	460986.27	1244.55
89-309	6561048.38	461246.34	1288.44
89-310	6560680.49	460954.49	1250.01
89-311	6560980.04	461735.27	1276.10
89-312	6560692.08	460982.24	1245.78
89-313	6560962.47	461140.10	1273.19
89-314	6560696.02	461022.62	1242.62
89-315	6561005.26	461111.02	1275.80
89-316	6560725.06	461000.73	1245.80
89-317	6560974.15	461080.25	1270.70
89-318	6560666.81	461036.08	1240.22
89-319	6560728.69	461062.20	1243.79
89-320	6560729.11	461061.85	1243.95
89-321	6560584.13	460795.76	1250.93
89-322	6560030.68	460777.71	1219.36
89-323	6560103.60	460759.59	1215.86
89-324	6559725.90	460457.91	1220.03
89-731	6562750.32	461841.28	1516.37
89-732	6565522.18	462060.67	1119.97
89-733	6565523.05	462059.52	1119.64
89-734	6565563.66	462048.40	1113.44
89-735	6565524.23	462005.09	1120.78
90-325	6560505.84	460660.85	1247.42
90-326	6560552.02	460610.42	1250.91
90-327	6560621.71	460592.30	1247.91
90-328	6560599.09	460563.34	1248.32
90-329	6560731.03	460504.24	1246.18
90-330	6560606.14	460549.78	1248.62
90-331	6560816.61	461064.43	1253.37
90-332	6560792.92	461146.08	1258.48
90-333	6560870.08	461148.57	1269.31
90-334	6560731.46	461082.53	1246.45
90-335	6560886.90	461095.57	1264.90
90-336	6560928.94	461181.33	1275.11
90-337	6557898.56	461695.32	1161.92
90-338	6557744.13	461641.60	1172.02
90-339	6560921.83	461261.12	1278.74

Hole ID	Northing	Easting	Elevation
90-340	6560892.51	461328.37	1277.52
90-341	6560889.53	461381.63	1277.47
90-342	6560933.81	461356.24	1282.68
90-343	6560933.36	461404.63	1282.69
90-344	6560976.58	461384.06	1286.74
90-345	6560618.23	460845.19	1249.08
90-346	6560611.43	460918.74	1245.51
90-347	6560623.73	460911.34	1247.38
90-348	6560635.69	460904.66	1248.78
90-349	6560664.28	460965.53	1247.00
90-350	6560664.39	460965.47	1247.00
90-351	6560986.63	461427.51	1288.31
90-352	6560798.74	461111.85	1255.64
90-353	6560798.77	461111.82	1255.40
90-354	6560964.82	461439.23	1285.38
90-355	6560852.98	461234.27	1271.92
90-356	6560951.98	461446.29	1283.28
90-357	6560852.73	461234.32	1271.84
90-358	6560951.83	461446.41	1283.25
90-359	6560877.29	461336.56	1276.27
90-360	6560898.43	461473.73	1276.63
90-736	6564210.51	462474.42	1609.04
90-737	6564178.43	462231.75	1562.86
90-738	6564526.87	462169.57	1474.65
90-739	6564441.03	462171.82	1505.86
90-740	6564875.59	462189.11	1322.49
90-741	6564766.28	462160.52	1372.38
90-742	6565653.46	462132.57	1105.77
90-743	6565690.29	462071.69	1098.88
90-744	6565247.73	462016.54	1175.36
90-745	6565410.49	462020.21	1147.92
90-746	6564792.22	462079.29	1325.52
90-747	6564823.81	462130.06	1326.78
90-748	6564682.22	462074.12	1375.61
90-749	6564496.36	462330.71	1520.22
90-750	6564586.59	462149.42	1448.95
90-751	6564085.41	462411.03	1601.81
90-752	6563994.44	461803.41	1499.64
90-753	6564737.19	462264.26	1429.11
90N001	6564696.18	465646.34	1307.85
90N002	6565539.55	466038.89	1251.69
90N003	6565532.90	465927.42	1250.01
90N004	6565566.69	466050.91	1250.41
90N005	6565471.72	465974.17	1251.21
90N006	6564229.70	464884.30	1343.37
90N007	6564448.50	464923.74	1340.12
90N008	6564258.17	464884.48	1342.25
90N009	6565521.05	466092.46	1258.60
90N010	6564185.09	464887.80	1349.23
90N011	6565864.24	465963.68	1291.12

Hole ID	Northing	Easting	Elevation
90N012	6566105.05	466067.14	1295.29
90N013	6566374.81	466070.96	1283.80
90N014	6561124.92	469364.62	1396.30
90N015	6561183.99	469297.77	1408.52
90N016	6561216.87	469202.51	1422.40
90N017	6561242.16	469133.89	1423.23
90N018	6561268.68	469071.01	1423.22
90N019	6560574.77	469215.95	1439.77
90N020	6560722.03	469313.22	1436.52
90N021	6560704.02	469242.20	1455.47
90N022	6560339.13	469140.23	1405.62
90N023	6560380.39	469106.43	1420.17
90N13a	6561055.64	469437.07	1384.90
91-361	6560861.95	461290.40	1275.75
91-362	6560863.71	461173.27	1270.82
91-363	6560861.82	461290.88	1275.58
91-364	6560868.84	461187.15	1271.38
91-365	6560841.96	461303.88	1272.67
91-366	6560844.70	461118.85	1261.68
91-367	6560841.29	461314.42	1272.31
91-368	6560967.90	461489.28	1284.23
91-369	6560863.01	461257.42	1274.42
91-370	6560879.25	461362.12	1275.79
91-371	6560860.91	461258.84	1274.44
91-372	6560879.63	461362.71	1275.93
91-373	6560839.41	461212.69	1270.60
91-374	6560990.03	461523.35	1286.34
91-375	6560954.46	461493.12	1283.22
91-376	6561027.36	461549.88	1290.36
91-377	6560844.76	461118.59	1261.76
91-378	6560990.13	461523.28	1286.37
91-379	6561102.86	461554.11	1301.77
91-380	6561059.31	461533.29	1293.77
93-001	6560612.81	460879.51	1247.65
93-002	6560612.81	460879.51	1247.65
93-003	6560611.28	460900.19	1246.12
93-004	6560611.28	460900.19	1246.12
93-005	6560634.65	460936.65	1246.58
93-006	6560661.41	460988.99	1243.77
93-007	6560570.75	460571.78	1247.22
93-008	6560685.83	460668.22	1249.01
93-009	6560528.92	460873.42	1239.96
93-010	6560577.45	460511.53	1260.46
93-011	6560576.53	460510.74	1260.44
93-012	6560575.51	460510.32	1260.44
93-013	6560300.48	460836.71	1230.88
93-014	6560573.41	460509.01	1260.32
93-015	6560573.00	460508.27	1260.44
93-016	6560571.21	460571.30	1247.25
93-017	6560579.33	460599.18	1245.79

Hole ID	Northing	Easting	Elevation
94-01	6560658.24	460945.64	1248.18
94-02	6560658.95	460945.29	1248.46
94-03	6560659.12	460945.20	1248.51
94-04	6560739.46	461016.30	1244.59
94-05	6560603.55	460700.50	1252.46
94-06	6560604.52	460699.84	1257.89
94-07	6560643.49	460671.61	1247.29
94-08	6560584.91	460661.81	1243.34
94-09	6560634.96	460632.27	1244.79
94-10	6560739.09	460169.79	1245.46
94-11	6560546.78	460501.22	1264.68
94-12	6560496.90	460556.60	1262.21
94-13	6560577.15	460446.05	1264.15
94-14	6560472.41	460549.73	1259.28
94-15	6560292.67	460896.79	1231.68
94-16	6559048.27	460557.55	1203.57
94-17	6558217.17	460621.28	1231.79
94-18	6560571.16	461174.25	1232.66
94-19	6560647.87	461145.70	1241.80
94-20	6560601.20	460795.84	1253.01
94-H1	6561224.59	469099.85	1426.49
94-H2	6561303.56	469095.55	1417.37
94-H3	6561303.54	469054.68	1422.52
94-H4	6561299.81	469097.45	1417.53
94-H5	6565563.27	466034.80	1249.97
94-H6	6565579.21	466008.27	1242.36
94-H7	6565678.11	465950.47	1264.79
94U-1	6560591.29	460859.55	1195.11
94U-2	6560623.15	460781.69	1179.75
94U-3	6560620.15	460776.09	1179.33
94U-4	6560620.69	460776.07	1179.00
94U-5	6560620.74	460775.38	1179.56
94U-6	6560620.99	460775.41	1179.00
94U-7	6560621.18	460775.15	1178.78
94U-8	6560621.33	460775.65	1178.68
95BG-1	6560720.20	461019.64	1242.54
95BG-2	6560709.31	460998.35	1249.09
95BG-3	6560714.80	461022.93	1244.49
95BG-4	6560719.48	461027.10	1244.11
95BG-5	6560784.04	461049.94	1248.03
95BG-6	6560816.52	461076.36	1252.11
95BGU10	6560631.08	461023.38	1177.30
95BGU7	6560634.86	461022.04	1179.15
95BGU8	6560630.84	461024.22	1177.91
95BGU9	6560661.12	461030.28	1177.11
95BU-1	6560620.03	460937.18	1195.51
95BU-2	6560613.73	460936.55	1196.15
95BU-3	6560615.59	460936.98	1196.32
95BU-4	6560614.31	460935.95	1196.49
95BU-5	6560615.59	460936.98	1196.15

Hole ID	Northing	Easting	Elevation
95BU-6	6560626.63	460954.88	1191.66
95BU-7	6560624.90	460954.09	1191.60
95BU-8	6560625.86	460955.67	1191.34
95BU-9	6560627.21	460968.29	1188.65
95BU10	6560628.55	461006.55	1180.66
95BU11	6560627.77	461007.75	1180.83
95BU12	6560622.24	460946.49	1202.39
95CMP1	6567240.10	468134.82	919.54
95GO-1	6567533.01	463567.58	934.64
95GO-2	6567627.07	463829.63	934.64
95HG10	6561454.88	461665.62	1192.11
95HG11	6561454.77	461665.55	1192.87
95HG12	6561454.91	461665.68	1192.01
95HG13	6561442.74	461634.40	1200.54
95HG14	6561442.74	461634.46	1199.18
95HG15	6561447.61	461633.56	1201.02
95HG16	6561443.07	461634.56	1200.04
95HG17	6561479.17	461642.62	1184.66
95HG18	6561466.62	461657.96	1185.13
95HG19	6561466.77	461657.74	1185.24
95HG20	6561464.63	461659.07	1185.11
95HG21	6561466.07	461658.35	1184.76
95HG22	6561466.06	461658.43	1185.03
95HG23	6561465.31	461659.00	1184.82
95HG24	6561465.57	461658.26	1185.16
95HG25	6561465.63	461658.87	1185.14
95HG26	6561465.78	461658.77	1185.38
95HG27	6561466.02	461658.52	1184.95
95HG28	6561466.00	461658.59	1185.02
95HG29	6561464.83	461659.12	1185.04
95HG30	6561465.22	461658.97	1184.74
95HG31	6561465.57	461658.26	1185.16
95HG32	6561466.26	461658.33	1185.86
95HG33	6561483.64	461698.96	1172.54
95HG34	6561483.81	461699.73	1172.42
95HG35	6561484.31	461701.59	1172.94
95HG36	6561485.26	461702.89	1172.38
95HG37	6561484.79	461702.93	1172.64
95HG38	6561485.69	461702.85	1172.05
95HG39	6561484.59	461702.42	1172.79
95HG40	6561485.63	461702.82	1172.71
95HG41	6561486.31	461702.32	1172.54
95HG42	6561485.93	461702.74	1172.56
95HG43	6561486.02	461702.66	1171.94
95K-1	6560628.84	459976.90	1265.30
95K-2	6560613.55	459952.40	1265.62
95K-3	6560635.50	459988.29	1265.65
95K-4	6560635.46	460015.03	1264.80
95K-5	6560638.24	460018.64	1266.37
95MHG1	6561430.04	461630.89	1199.15

Hole ID	Northing	Easting	Elevation
95MHG2	6561427.35	461631.13	1198.55
95MHG3	6561428.41	461630.10	1198.87
95MHG4	6561430.45	461630.97	1199.05
95MHG5	6561427.52	461629.73	1198.33
95MHG6	6561426.44	461631.17	1199.22
95MHG7	6561444.58	461635.06	1199.27
95MHG8	6561442.99	461634.43	1198.96
95MHG9	6561455.90	461666.33	1192.48
95SJ-1	6562603.06	460740.96	1391.10
95SJ-2	6562197.61	460760.98	1384.24
95SKY1	6562996.54	460814.66	1425.04
95SKY2	6562987.81	460836.65	1427.13
95SKY3	6562986.96	460836.70	1427.06
95SKY4	6562996.22	460813.98	1425.30
95SKY5	6562977.17	460857.78	1428.07
95T-1	6561421.62	461656.27	1180.15
95U-01	6561452.80	461443.82	1227.54
95U-02	6561452.71	461443.92	1227.54
95U-03	6561453.75	461458.33	1224.69
95U-04	6561453.82	461458.33	1224.74
95U-05	6561454.98	461480.46	1220.96
95U-06	6561454.98	461480.46	1220.96
95U-07	6561452.71	461494.60	1218.86
95U-08	6561452.69	461494.64	1218.84
95U-09	6561452.74	461495.35	1220.75
95U-10	6561453.08	461509.89	1218.58
95U-11	6561452.88	461495.18	1220.23
95U-12	6561456.27	461471.75	1224.76
95U-13	6561460.48	461466.79	1225.16
95U-14	6561452.84	461443.84	1229.30
95U-15	6561453.11	461443.88	1229.27
95U-16	6561452.77	461443.89	1228.30
95U-17	6561454.47	461430.10	1230.89
95U-18	6561454.59	461430.15	1231.50
95U-19	6561454.54	461429.80	1231.86
95U-20	6561455.54	461410.95	1234.19
95U-21	6561455.55	461410.94	1234.82
95U-22	6561454.76	461423.95	1233.79
95U-23	6561450.12	461547.09	1212.45
95U-24	6561447.65	461590.82	1205.75
95VAN1	6567584.32	461069.36	990.18
95VAN2	6567700.74	461064.38	993.54
95VAN3	6567763.81	460868.45	1002.76
95VAN4	6567748.13	461165.03	957.09
95VAN5	6567804.59	461321.26	972.32
96-100	6561529.01	461807.70	1129.64
96-101	6561529.49	461807.97	1129.47
96-102	6561529.17	461807.96	1129.23
96-103	6561529.56	461808.24	1129.08
96-104	6561529.66	461808.33	1129.05

Hole ID	Northing	Easting	Elevation
96-105	6561529.80	461808.41	1128.19
96-106	6561530.22	461808.31	1128.80
96-107	6561529.71	461808.39	1128.64
96-108	6561529.18	461807.66	1129.16
96BIG1	6561423.80	461623.74	1200.83
96BIG2	6561423.91	461623.52	1200.48
96BIG3	6561424.09	461624.25	1201.23
96BON1	6560576.77	460511.51	1261.22
96BON2	6560575.96	460511.96	1261.17
96BON3	6560586.37	460600.35	1245.95
96BON4	6560586.37	460600.35	1245.95
96BON5	6560575.38	460511.84	1261.15
96BON6	6560582.67	460510.14	1261.11
96CAM1	6561438.12	461524.53	1215.16
96CAM2	6561437.63	461527.16	1215.11
96CAM3	6561437.81	461525.57	1215.32
96EBS1	6560828.50	461401.96	1269.12
96EBS2	6560899.46	461358.57	1279.12
96ELX1	6561459.65	461524.73	1215.45
96ELX2	6561459.59	461524.59	1215.36
96ELX3	6561459.73	461525.22	1215.65
96ELX4	6561459.78	461526.55	1215.86
96ELX5	6561459.65	461525.83	1215.73
96ELX6	6561459.85	461526.49	1215.67
96ELX7	6561459.81	461526.47	1215.41
96ELX8	6561459.68	461526.92	1215.46
96HG44	6561463.47	461688.27	1176.96
96HG45	6561463.64	461688.38	1176.67
96HG46	6561464.04	461688.48	1176.81
96HG47	6561464.11	461688.47	1176.48
96HG48	6561456.75	461686.86	1173.73
96HG49	6561455.75	461686.22	1173.98
96HG50	6561455.46	461685.91	1175.22
96HG51	6561455.04	461685.59	1174.01
96HG52	6561454.97	461685.63	1174.42
96HG53	6561458.42	461687.09	1174.16
96HG54	6561450.33	461679.25	1175.33
96HG55	6561449.28	461680.03	1176.16
96HG56	6561449.95	461679.40	1175.74
96HG57	6561450.83	461679.54	1175.07
96HG58	6561449.61	461678.52	1175.40
96HG59	6561449.95	461679.89	1175.93
96HG60	6561450.79	461679.33	1174.16
96HG61	6561451.98	461680.23	1174.86
96HG62	6561450.86	461679.07	1174.96
96HG63	6561439.70	461667.12	1192.54
96HG64	6561440.66	461668.33	1192.74
96HG65	6561440.04	461667.85	1192.54
96HG66	6561439.44	461666.59	1193.34
96HG67	6561423.05	461628.59	1199.33

Hole ID	Northing	Easting	Elevation
96HG68	6561421.80	461628.24	1199.36
96HG69	6561421.78	461628.25	1199.26
96HG70	6561421.79	461628.26	1199.03
96HG71	6561513.54	461746.60	1164.35
96HG72	6561513.45	461746.59	1163.78
96HG73	6561514.10	461746.98	1163.92
96HG74	6561514.76	461747.42	1164.04
96HG75	6561514.18	461747.14	1163.56
96HG76	6561514.09	461746.68	1163.70
96HG77	6561514.99	461747.35	1163.78
96HG78	6561515.08	461747.44	1163.92
96HG79	6561513.47	461746.32	1163.62
96HG80	6561513.34	461746.43	1163.97
96HG81	6561514.65	461747.37	1163.92
96HG82	6561514.97	461747.43	1164.14
96HG83	6561513.81	461745.75	1163.72
96HG84	6561515.25	461747.48	1164.14
96HG85	6561515.11	461747.46	1164.04
96HG86	6561515.34	461747.27	1163.90
96HG87	6561515.57	461747.47	1164.11
96HG88	6561514.31	461747.24	1164.19
96HG89	6561514.81	461747.41	1164.30
96HG90	6561515.14	461747.43	1164.31
96HG91	6561515.00	461747.92	1164.31
96HG92	6561513.66	461746.69	1164.09
96HG93	6561514.75	461747.37	1164.32
96HG94	6561515.72	461747.55	1164.25
96HG95	6561550.13	461744.24	1137.60
96HG96	6561550.24	461744.56	1137.50
96HG97	6561550.37	461745.25	1137.55
96HG98	6561550.19	461744.76	1137.51
96HG99	6561550.32	461744.92	1137.55
96HOT1	6562092.06	461230.49	1422.22
96HOT2	6562056.63	461249.68	1418.21
96MEL1	6561517.89	461745.43	1165.18
96MEL2	6561517.88	461745.46	1164.83
96MEL3	6561517.91	461745.59	1164.83
96MEL4	6561517.82	461746.27	1164.53
96MEL5	6561517.93	461745.60	1164.45
96MEL6	6561517.91	461745.46	1164.46
96MEL7	6561517.81	461746.27	1164.36
96MEL8	6561517.57	461746.31	1164.66
96MEL9	6561517.57	461746.27	1164.66
96MEW1	6561492.19	461661.31	1187.32
96MEW2	6561492.30	461660.94	1187.35
96MEW3	6561491.97	461660.38	1187.95
96MEW4	6561492.03	461659.83	1187.92
96MEW5	6561491.54	461659.34	1187.76
96MEW6	6561492.10	461661.16	1187.67
96MEW7	6561491.54	461659.34	1187.66

Hole ID	Northing	Easting	Elevation
96MEW8	6561491.54	461659.34	1187.66
96MEW9	6561491.54	461659.34	1188.16
96ML10	6561517.80	461746.37	1164.41
96ML11	6561517.87	461746.28	1164.66
96ML12	6561552.75	461742.29	1139.37
96ML13	6561553.72	461742.19	1139.38
96ML14	6561554.15	461743.59	1139.44
96ML15	6561554.68	461744.08	1138.67
96ML16	6561554.72	461743.94	1137.98
96ML17	6561554.39	461743.45	1138.36
96ML18	6561554.70	461743.92	1138.40
96ML19	6561554.58	461743.65	1138.63
96ML20	6561554.79	461744.41	1138.38
96ML21	6561554.85	461744.47	1138.25
96ML22	6561554.14	461743.77	1139.39
96ML23	6561554.21	461743.78	1139.31
96ML24	6561554.53	461744.57	1138.02
96MW10	6561491.54	461659.34	1187.76
96NSV1	6561425.55	461658.16	1177.49
96NSV2	6561425.89	461658.27	1178.28
96NSV3	6561425.44	461658.02	1177.83
96NSV4	6561421.28	461627.27	1199.36
96NSV5	6561421.28	461627.27	1199.36
96RLF1	6561428.41	461781.33	1147.29
96RLF2	6561430.13	461782.15	1149.23
96SWB1	6565878.43	461766.97	1024.10
96SWB2	6566025.07	461401.43	983.82
96SWB3	6566044.82	461436.45	979.88
96T-01	6563636.61	462141.61	1647.00
96T-02	6563638.40	462161.88	1647.48
96T-03	6563651.42	462133.72	1647.92
96T-04	6563655.71	462152.71	1648.76
96T-05	6563654.47	462173.31	1647.79
96T-06	6563655.83	462201.68	1645.13
96T-07	6563657.19	462217.78	1645.92
96T-08	6563671.23	462233.69	1644.97
96T-09	6563651.35	462118.69	1646.71
96V-01	6563550.09	463312.12	1595.66
96V-02	6563532.18	463342.62	1591.70
96V-03	6563518.42	463372.11	1589.29
96V-04	6563442.55	463411.39	1574.28
96V-05	6563446.05	463433.46	1574.28
96V-06	6563439.67	463450.32	1574.28
96V-07	6563570.47	463312.25	1597.71
96V-08	6563567.50	463291.42	1596.86
96V-09	6563548.14	463295.07	1594.73
96V-10	6563561.07	463336.76	1596.69
96V-11	6563560.05	463355.60	1592.26
9757-1	6563553.58	463182.85	1545.29
9757-2	6563552.90	463181.94	1545.69

Hole ID	Northing	Easting	Elevation
97BIG-4	6561444.41	461585.80	1207.96
97BIG-5	6561444.41	461585.80	1206.96
97LE-1	6561569.44	461863.74	1115.65
97LE-2	6561568.24	461864.29	1116.81
97LE-3	6561569.04	461865.27	1116.97
97LE-4	6561569.76	461865.68	1116.71
97LE-5	6561570.00	461865.79	1116.87
97LE-6	6561569.99	461865.79	1116.74
97LE-7	6561570.12	461865.79	1116.74
97LE-8	6561570.22	461865.72	1116.56
97MEL-01	6561575.45	461859.60	1117.53
97MEL-02	6561575.17	461858.62	1117.73
97MEL-03	6561575.23	461858.57	1117.35
97MEL-04	6561575.51	461859.65	1117.03
97MEL-05	6561575.56	461859.59	1116.74
97MEL-06	6561575.76	461859.93	1116.53
97MEL-07	6561575.38	461858.86	1116.88
97MEL-08	6561593.38	461756.97	1138.27
97MEL-09	6561593.42	461757.01	1138.07
97MEL-10	6561593.11	461756.22	1138.08
97MEL-11	6561593.08	461755.29	1138.19
97MEL-12	6561613.55	461774.50	1137.85
97MEL-13	6561613.51	461774.50	1137.71
97MEL-14	6561613.46	461774.95	1137.79
97MHG-1	6561475.98	461668.37	1178.78
97MHG-2	6561440.74	461627.50	1200.31
97MHG-3	6561468.84	461655.22	1186.19
97MHG-4	6561482.45	461674.97	1177.39
97MHG-5	6561485.94	461663.13	1188.00
97MX-01	6564847.07	462172.88	1324.49
97MX-02	6564847.07	462172.88	1324.49
97MX-03	6564847.07	462172.88	1324.49
97MX-04	6564847.07	462172.88	1324.49
97MX-05	6564769.30	462165.41	1371.28
97MX-06	6564769.33	462165.49	1371.21
97MX-07	6564768.87	462164.18	1371.12
97MX-08	6564900.35	461947.84	1249.66
97MX-09	6564899.82	461947.66	1248.58
97MX-10	6564899.49	461947.74	1249.23
97MX-11	6564900.39	461948.13	1249.52
97MX-12	6564901.14	461946.72	1247.83
97MX-13	6564901.05	461947.23	1247.77
97MX-14	6564899.82	461948.16	1249.38
97MX-15	6564901.04	461947.54	1247.93
97MX-16	6564863.32	461881.64	1252.21
97MX-17	6564863.84	461881.52	1251.08
97MX-18	6564864.66	461881.10	1250.76
97MX-19	6564865.36	461882.79	1250.96
97MX-20	6564826.05	461913.77	1270.48
97MX-21	6564826.87	461914.20	1270.54

Hole ID	Northing	Easting	Elevation
97MX-22	6564826.97	461913.98	1270.43
97MX-23	6564826.97	461913.98	1270.43
97MX-24	6564826.97	461913.98	1270.43
97MX-25	6564826.97	461913.98	1270.43
97MX-26	6564826.97	461913.98	1270.43
97MX-27	6564808.02	461867.56	1271.43
97MX-28	6564808.02	461867.56	1271.43
97MX-29	6564808.02	461867.56	1271.43
97T-1	6563632.27	462155.81	1647.86
97T-2	6563636.19	462131.86	1648.00
97V-01	6563461.10	463861.30	1485.87
97V-02	6563461.10	463861.30	1485.87
97V-03	6563461.10	463861.30	1485.87
97V-04	6563454.63	463878.15	1485.87
97V-05	6563454.62	463878.35	1485.87
97V-06	6563448.79	463906.31	1485.87
97V-07	6563461.10	463861.30	1485.87
97V-08	6563461.10	463861.30	1485.87
97V-09	6563473.35	463856.34	1526.75
97V-10	6563467.00	463869.92	1526.35
97V-11	6563463.47	463900.74	1528.86
97V-12	6563458.79	463916.48	1525.95
97V-13	6563475.17	463870.96	1526.25
97V-14	6563476.53	463887.20	1526.13
97V-15	6563467.27	463886.93	1526.24
97V-16	6563470.43	463863.12	1526.37
97V-17	6563470.96	463870.52	1526.13
97V-18	6563445.73	463394.57	1574.70
97V-19	6563451.03	463389.94	1575.26
97V-20	6563451.03	463389.94	1575.26
97V-21	6563471.22	463372.45	1581.97
97V-22	6563535.99	463303.13	1593.80
97V-23	6563542.07	463324.07	1593.05
97V-24	6563557.86	463298.58	1595.43
97V-25	6563485.80	463372.57	1583.47
97V-26	6563458.90	463372.37	1579.12
97V-27	6563481.98	463349.40	1585.34
97V-28	6563491.09	463364.90	1584.31
97V-29	6563483.20	463360.21	1584.58
98GAP-01	6563328.27	461828.21	1614.31
C-01	6563567.93	462753.01	1632.22
C-02	6563622.45	462664.29	1640.95
C-03	6563643.62	462593.43	1642.89
C-04	6563691.91	462518.51	1644.90
C-05	6563743.23	462518.60	1646.50
C-06	6563676.45	462447.59	1648.96
C-07	6563671.52	462389.73	1657.00
C-08	6563679.90	462320.24	1657.78
C-09	6563719.01	462392.91	1655.02
C-10	6563683.25	462256.06	1648.83

Hole ID	Northing	Easting	Elevation
C-11	6563684.65	462199.75	1647.59
C-12	6563674.42	462145.76	1651.43
C-13	6563730.63	462220.68	1643.28
C-15	6563651.41	462791.13	1630.43
C-16	6563611.18	462870.75	1628.14
C-17	6563892.87	462390.59	1629.96
C-18	6563620.70	462929.46	1620.90
C-19	6563626.43	462984.59	1614.99
C-20	6563624.57	463044.66	1609.29
C-21	6563628.00	463108.53	1602.81
C-22	6563645.48	463176.12	1600.29
C-23	6563573.68	463231.25	1598.81
C-25	6563502.27	463376.41	1594.65
C-26	6563215.59	463208.75	1564.28
C-27	6563502.52	463433.53	1577.68
C-28	6563495.89	463518.52	1574.94
C-29	6563303.29	463315.97	1554.27
C-30	6563498.01	463582.74	1566.88
C-31	6563621.62	462829.67	1661.69
C-32	6563595.98	462826.36	1662.74
C-34	6563496.52	463763.84	1554.56
C-35	6563533.55	462786.83	1648.83
C-36	6563508.52	463897.35	1535.23
C-37	6563524.92	463978.16	1516.00
C-38	6563744.81	462887.63	1643.75
C-39	6564428.35	461857.00	1378.39
C-41	6564452.63	461841.51	1378.95
C-42	6564542.29	461907.86	1357.22
C-43	6564508.86	461846.64	1348.78
C-44	6564543.27	461909.85	1367.40
C-45	6564509.02	461845.39	1348.73
C-46	6565749.59	460892.17	1022.17
C-47	6566052.85	461155.04	1004.56
C-48	6566017.71	461084.77	1009.23
C-49	6565846.29	461045.84	1014.67
K87-1	6560619.58	459992.60	1264.13
K87-2	6560609.60	459980.38	1264.13
K87-3	6560597.24	459952.11	1264.13
K87-4	6560581.33	459927.52	1264.30
K87-5	6560574.76	459906.45	1265.98
M81-10	6566910.66	461465.57	949.62
M81-11	6566870.12	461458.66	966.61
M81-12	6567210.43	462204.24	939.63
M81-13	6567204.06	462159.40	928.09
M81-14	6567198.54	462127.12	930.78
M82-20	6567351.76	462631.32	926.64
M82-21	6567365.73	462739.21	919.64
M82-22	6567478.15	462741.55	912.65
M82-23	6567520.51	462742.50	907.65
P80-3	6558229.39	461391.38	1168.92

Hole ID	Northing	Easting	Elevation
P80-4	6558229.39	461391.38	1168.92
P80-5	6558247.51	461385.79	1168.92
PR-49	6563569.97	464611.06	1460.27
PR-50	6563567.11	464675.88	1449.27
PR-51	6563585.01	464675.58	1452.27
PR-52	6563614.09	464643.16	1460.74
PR-53	6563614.09	464643.16	1460.37
PR-54	6563617.93	464612.54	1465.07
PR-55	6563617.93	464612.54	1465.07
PR-56	6563617.93	464612.54	1465.07
PR-57	6563646.70	464628.26	1465.20
PR-58	6563646.55	464598.09	1469.77
PR-59	6563646.24	464598.18	1469.82
PR-60	6563681.57	464597.56	1471.20
PR-61	6563678.19	464660.59	1460.84
PR-62	6563678.19	464660.59	1460.84
PR-63	6563681.03	464629.46	1465.88
PR-64	6563682.68	464534.42	1478.36
PR-65	6563681.51	464563.99	1475.48
PR-66	6563646.98	464536.52	1478.02
PR-67	6563620.15	464564.27	1472.63
PR-68	6563601.62	464582.18	1467.37
PR-69	6563601.62	464582.18	1467.37
PR-70	6563630.81	464608.63	1466.44
PR-71	6563664.36	464581.26	1473.30
PR-72	6563709.23	464565.38	1476.09
PR-73	6563713.71	464532.75	1477.86
PR-74	6563622.46	464398.10	1485.68
PR-75	6563624.16	464469.02	1479.28
PR-76	6563623.95	464345.45	1485.13
PR-77	6563627.91	464280.35	1485.31
PR-78	6563627.45	464212.16	1486.94
PR-79	6563623.88	464148.79	1492.42
PR-80	6563630.78	464086.46	1495.11
PR-81	6563624.18	464024.83	1500.26
PR-82	6563623.49	464055.31	1501.56
PR-83	6563623.81	464116.30	1490.07
PR-84	6563623.01	464249.75	1484.93
PR-85	6563622.69	464312.73	1484.97
PR-86	6563622.64	463848.84	1538.34
PR-87	6563623.46	463901.35	1521.00
PR-88	6563619.06	463777.08	1543.93
PR-89	6563660.14	464279.08	1484.21
TM79-01	6563531.63	463584.35	1565.28
TM79-02	6563432.34	463398.66	1560.42
TM79-03	6563473.04	463633.52	1558.85
TM79-04	6563478.75	463535.18	1568.32
TM79-05	6563527.51	463536.27	1569.76
TM79-06	6563491.77	463334.52	1586.29
TM79-07	6563420.78	463357.21	1575.78

Hole ID	Northing	Easting	Elevation
TM79-08	6563464.41	463417.38	1572.28
TM79-09	6563536.54	463388.71	1583.92
TM79-10	6563546.55	463330.45	1593.09
TM79-11	6563536.49	463435.20	1575.23
TM81-3	6563609.23	463335.17	1598.17
TM81-4	6563576.69	463337.13	1596.97
TM81-5	6563594.47	463590.57	1566.08
TM81-6	6563564.68	463581.80	1565.98
V88-01	6563437.73	463764.79	1486.62
V88-02	6563440.08	463765.51	1486.11
V88-03	6563444.50	463922.76	1486.31
V88-04	6563451.36	463931.13	1487.94
V88-05	6563458.41	463945.84	1487.77
V88-06	6563451.36	463931.13	1487.94
V88-07	6563458.40	463945.84	1487.77
V88-08	6563458.75	463945.81	1486.33
V88-09	6563461.18	463957.07	1487.43
V88-10	6563458.82	463957.37	1485.97
04MM-01	6564961.37	461743.95	1261.12
04MM-02	6564961.37	461743.95	1261.12
04MM-03	6564961.37	461743.95	1261.12
04MM-04	6564961.37	461743.95	1261.12
04MM-05	6564961.37	461743.95	1261.12
04MM-06	6564961.37	461743.95	1261.12
04MM-07	6564963.53	461679.01	1279.39
04MM-08	6564924.24	461712.42	1277.57
04MM-09	6564882.40	461738.97	1274.97
04MM-10	6564844.39	461766.51	1272.77
04MM-11	6564910.95	461754.01	1265.89
04MM-12	6564956.96	461744.15	1261.41
04MM-13	6564956.96	461744.15	1261.41
04MM-14	6564956.96	461744.15	1261.41
04MM-15	6564956.96	461744.15	1261.41
04MM-16	6564956.96	461744.15	1261.41
04MM-17	6564924.24	461712.42	1277.57
04MM-18	6564925.01	461711.56	1277.22
04MM-19	6564963.56	461678.95	1279.59
04MM-20	6564963.56	461678.95	1279.59
04MM-21	6564894.80	461659.09	1292.86
04MM-22	6564894.80	461659.09	1292.86
04MM-23	6564894.80	461659.09	1292.86
04MM-24	6564894.80	461659.09	1292.86
04MM-25	6564894.80	461659.09	1292.86
04MM-26	6564894.80	461659.09	1292.86
04MM-27	6564894.80	461659.09	1292.86
04MM-28	6565027.79	461722.10	1256.13
04MM-29	6565027.79	461722.10	1256.13
04MM-30	6565027.79	461722.10	1256.13
04MM-31	6564947.92	461696.85	1278.44
04MM-32	6564947.92	461696.85	1278.44

Hole ID	Northing	Easting	Elevation
04MM-33	6564947.92	461696.85	1278.44
04MM-34	6564978.31	461650.04	1280.91
04MM-35	6565027.79	461722.10	1256.13
04MM-36	6564747.36	461507.48	1347.54
04MM-37	6564747.36	461507.48	1347.54
04HOT-01	6561960.36	461426.97	1421.70
04HOT-02	6562061.29	461397.75	1429.21
04HOT-03	6562061.29	461397.75	1429.21
04HOT-04	6562061.29	461397.75	1429.21
06MM-01	6564774.36	461630.86	1329.43
06MM-02	6564762.81	461566.62	1342.43
06MM-03	6564961.76	461744.06	1261.44
06MM-04	6564961.76	461744.06	1261.44
06MM-05	6564947.83	461696.76	1278.44
06MM-06	6564947.83	461696.76	1278.44
07RUG-03	6564938.34	461765.18	1162.44
07RUG-04	6564893.16	461736.21	1168.03
07RUG-05	6564908.29	461740.79	1169.85
07RUG-06	6564935.48	461762.69	1164.58
07RUG-07	6564909.12	461740.75	1170.93
07RUG-01	6564995.72	461789.81	1154.94
07RUG-02	6564932.60	461751.40	1157.44
07RUG-09P	6564920.05	461740.62	1169.04
07RUG-10P	6564920.05	461740.62	1169.04
07RUG-08	6564851.67	461727.08	1171.43
07EIL-P01	6561460.55	461526.18	1214.16
07EIL-P02	6561460.55	461526.18	1214.16

Appendix E – Transformed Taurus 95-xx Series Coordinates

Hole ID	Northing	Easting	Elevation
95-01	6570596.12	459123.03	1095.53
95-02	6570621.98	458975.06	1096.11
95-03	6570524.55	459331.66	1101.98
95-04	6570303.25	459315.03	1082.46
95-05	6570128.41	459356.26	1076.48
95-06	6570190.52	459483.44	1083.16
95-07	6570024.52	459274.80	1059.86
95-08	6570286.42	458489.50	1062.17
95-09	6570326.31	458074.01	1063.94
95-10	6569184.74	459423.77	1086.84
95-11	6568945.15	459319.93	1090.62
95-12	6569015.09	458280.77	1064.68
95-13	6570482.62	459353.70	1097.82
95-14	6570948.94	457680.73	1146.85
95-15	6569127.87	457964.48	1074.29
95-16	6568921.80	457958.48	1090.32
95-17	6568991.49	459514.36	1144.83
95-18	6570489.33	459249.74	1094.82
95-19	6570764.80	460626.06	1133.40
95-20	6570559.51	460652.38	1125.35
95-21	6570453.55	459148.94	1090.73
95-22	6570655.36	460644.98	1128.40
95-23	6570455.48	459052.42	1088.01
95-24	6571034.49	459374.55	1145.65
95-25	6570955.00	460628.85	1155.89
95-26	6570356.55	460658.47	1106.22
95-27	6570878.10	459328.78	1128.31
95-28	6570447.62	460453.30	1097.55
95-29	6570773.01	459332.33	1119.37
95-30	6570539.96	460454.07	1106.89
95-31	6570645.53	460448.03	1117.51
95-32	6570674.07	459340.23	1114.02
95-33	6570743.61	460438.72	1126.40
95-34	6570864.71	460831.40	1182.21
95-35	6570576.73	459344.75	1110.55
95-36	6570764.69	460833.78	1176.82
95-37	6570668.06	460837.69	1161.48
95-38	6570793.62	459429.84	1137.02
95-39	6570764.19	460931.76	1178.71
95-40	6570690.25	459445.70	1131.81
95-41	6570223.58	460065.19	1101.65
95-42	6570887.10	459436.56	1145.10
95-43	6570323.77	460060.21	1097.27
95-44	6570976.38	459317.76	1140.88
95-45	6570473.36	460053.52	1069.79
95-46	6570310.67	459860.77	1118.16
95-47	6570388.54	459258.80	1087.54
95-48	6570411.41	459859.55	1114.03
95-49	6570483.71	459857.59	1109.69
95-50	6570380.76	459157.20	1085.39

Hole ID	Northing	Easting	Elevation
95-51	6570214.59	459861.13	1117.53
95-52	6570366.31	459064.15	1078.13
95-53	6570265.14	459166.46	1073.25
95-54	6570596.31	459851.22	1076.30
95-55	6570315.04	459167.56	1078.83
95-56	6570110.52	459870.56	1102.01
95-57	6570387.06	459358.80	1091.08
95-58	6570201.41	459669.36	1097.93
95-59	6570871.91	459228.33	1135.98
95-60	6570302.34	459660.52	1110.98
95-61	6570780.80	459243.27	1121.37
95-62	6570383.97	459656.54	1112.37
95-63	6571078.41	459310.26	1168.60
95-64	6570495.51	459647.99	1101.14
95-65	6571083.56	459421.91	1152.98
95-66A	6570290.49	459469.92	1087.25
95-66B	6570290.49	459469.92	1087.25
95-67	6570605.28	459647.73	1112.05
95-68	6570493.46	459450.47	1105.31
95-69	6570800.20	459823.27	1104.66
95-70	6570772.99	459328.05	1119.57
95-71	6570390.55	459858.29	1115.84
95-72	6570389.34	459460.34	1094.19
95-73	6570210.93	459965.18	1112.24
95-74	6570307.45	459758.16	1113.18
95-75	6570320.42	459957.53	1112.25
95-76	6570410.20	459953.94	1103.33
95-77	6570210.50	459765.61	1105.90
95-78	6570401.42	459750.74	1119.10

Appendix F – Control Survey Adjustment Report

- when it has to be right

Network Adjustment

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Created: 08/06/2008 10:42:48

Project Information

Project name:	080722GBJB Cusac Control Survey
Date created:	08/01/2008 10:25:55
Time zone:	-7h 00'
Coordinate system name:	UTM9 NAD83 CSRS
Application software:	LEICA Geo Office 6.0
Processing kernel:	MOVE3 3.4

General Information

Adjustment

Type:	Constrained	
Dimension:	3D	
Coordinate system:	WGS 1984	
Height mode:	Ellipsoidal	
Number of iterations:	1	
Maximum coord correction in last iteration:	0.0000 m	✓ (tolerance is met)

Stations

Number of (partly) known stations:	3
Number of unknown stations:	7
Total:	10

Observations

GPS coordinate differences:	90 (30 baselines)
Known coordinates:	5
Total:	95

Unknowns

Coordinates:	30
Total:	30
Degrees of freedom:	65

Testing

Alfa (multi dimensional):	0.5830
Alfa 0 (one dimensional):	5.0 %
Beta:	80.0 %
Sigma a-priori (GPS):	10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.95	
F-test:	0.24	✔ (accepted)

Results based on a-posteriori variance factor

Adjustment Results

Coordinates

Station		Coordinate	Corr	Prec (95%)	
87C359	Latitude	59° 15' 29.60325" N	-0.0045 m	0.0047 m	
	Longitude	129° 37' 18.44508" W	0.0021 m	0.0047 m	
	Height	919.8750 m	0.0000 m	-	fixed
CAMP	Latitude	59° 14' 23.62654" N	0.0000 m	-	fixed
	Longitude	129° 40' 02.28078" W	0.0000 m	-	fixed
	Height	937.8618 m	-0.0047 m	0.0049 m	
CUSAC001	Latitude	59° 16' 21.64260" N	-0.0009 m	0.0049 m	
	Longitude	129° 42' 02.70455" W	-0.0038 m	0.0048 m	
	Height	1083.6319 m	0.0074 m	0.0051 m	
CUSAC002	Latitude	59° 14' 16.44460" N	-0.0010 m	0.0031 m	
	Longitude	129° 40' 30.24171" W	-0.0042 m	0.0030 m	
	Height	990.8461 m	0.0074 m	0.0050 m	
CUSAC003	Latitude	59° 13' 37.13128" N	-0.0007 m	0.0033 m	
	Longitude	129° 40' 17.94059" W	-0.0028 m	0.0032 m	
	Height	1128.7769 m	0.0074 m	0.0056 m	
CUSAC004	Latitude	59° 12' 35.31188" N	-0.0006 m	0.0033 m	
	Longitude	129° 39' 46.93935" W	-0.0023 m	0.0033 m	
	Height	1653.0544 m	0.0074 m	0.0058 m	
CUSAC005	Latitude	59° 12' 25.78635" N	-0.0003 m	0.0032 m	
	Longitude	129° 37' 57.82119" W	-0.0011 m	0.0031 m	
	Height	1527.7172 m	0.0074 m	0.0060 m	
CUSAC006	Latitude	59° 11' 17.06014" N	-0.0004 m	0.0044 m	
	Longitude	129° 40' 57.28058" W	-0.0014 m	0.0044 m	
	Height	1296.1146 m	0.0074 m	0.0061 m	
CUSAC007	Latitude	59° 10' 57.60860" N	-0.0004 m	0.0045 m	
	Longitude	129° 41' 09.53494" W	-0.0014 m	0.0044 m	
	Height	1252.0812 m	0.0074 m	0.0061 m	
G-189	Latitude	59° 12' 39.48405" N	0.0000 m	-	fixed
	Longitude	129° 38' 40.03297" W	0.0000 m	-	fixed
	Height	1607.3047 m	0.0074 m	0.0060 m	

Absolute Error Ellipses (2D - 95% 1D - 95%)

Station	A [m]	B [m]	A/B	Phi	Sd Hgt [m]
87C359	0.0059	0.0058	1.0	-7°	0.0000
CAMP	0.0000	0.0000	1.0	-7°	0.0049
CUSAC001	0.0061	0.0060	1.0	-7°	0.0051
CUSAC002	0.0038	0.0038	1.0	-7°	0.0050
CUSAC003	0.0041	0.0040	1.0	-7°	0.0056

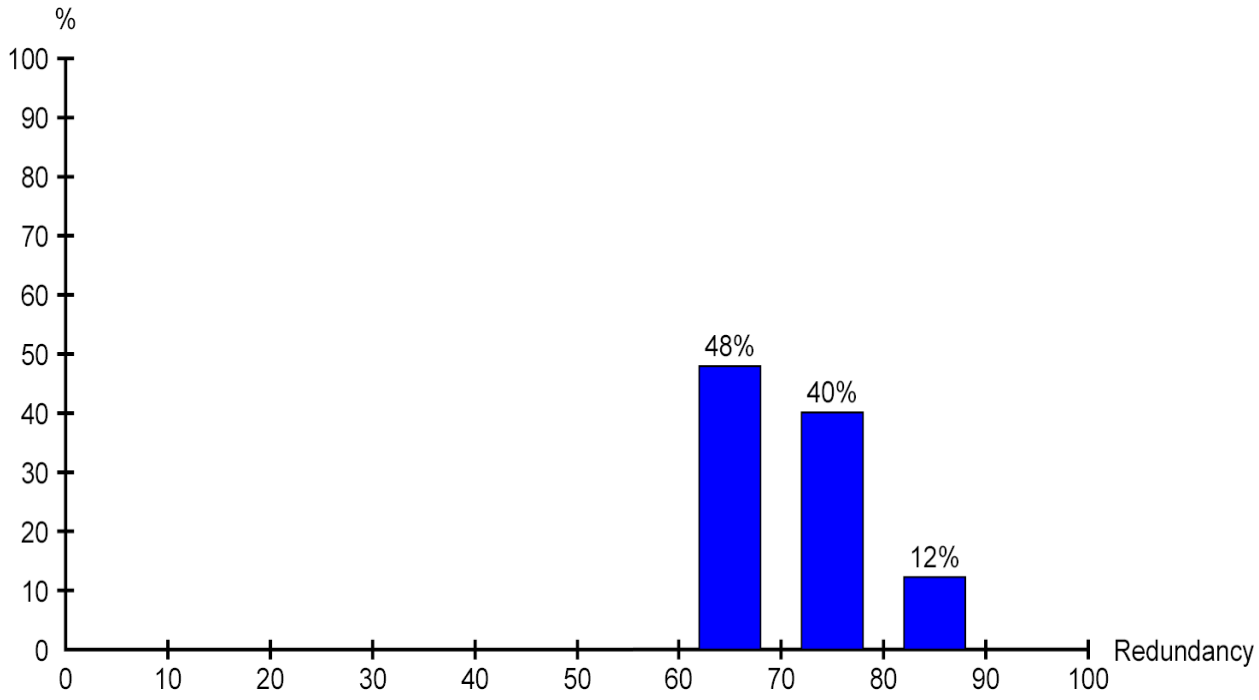
CUSAC004	0.0041	0.0041	1.0	-7°	0.0058
CUSAC005	0.0039	0.0039	1.0	-7°	0.0060
CUSAC006	0.0055	0.0054	1.0	-7°	0.0061
CUSAC007	0.0056	0.0055	1.0	-7°	0.0061
G-189	0.0000	0.0000	1.0	-7°	0.0060

Testing and Estimated Errors

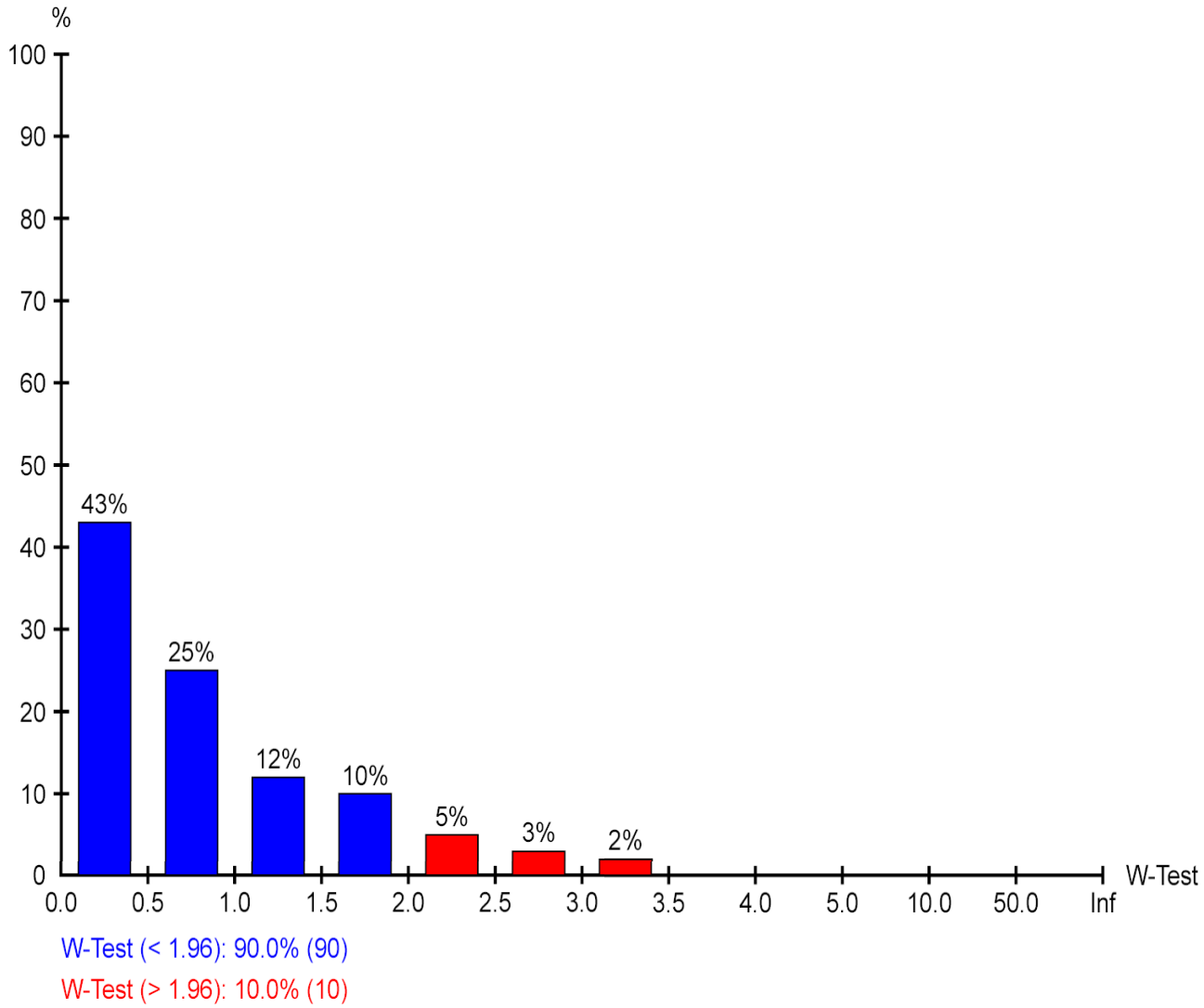
Coordinate Tests

Station		MDB	BNR	W-Test	T-Test
87C359	Height	16.9619 m	999.9	0.00	
CAMP	Latitude	0.0092 m	5.6	-0.40	1.38
	Longitude	0.0092 m	5.5	-1.61	
G-189	Latitude	0.0092 m	5.6	0.40	1.38
	Longitude	0.0092 m	5.5	1.61	

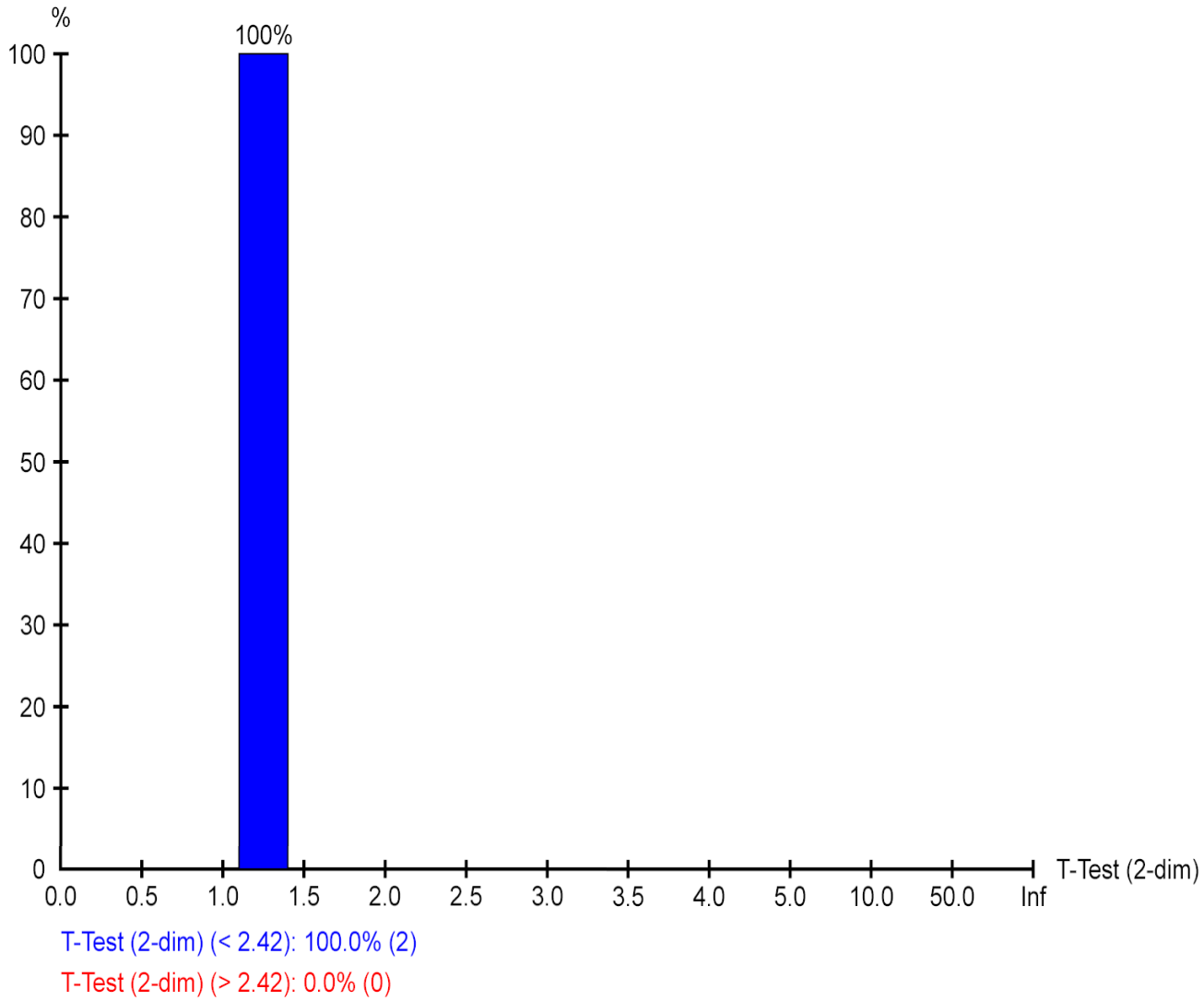
Redundancy:



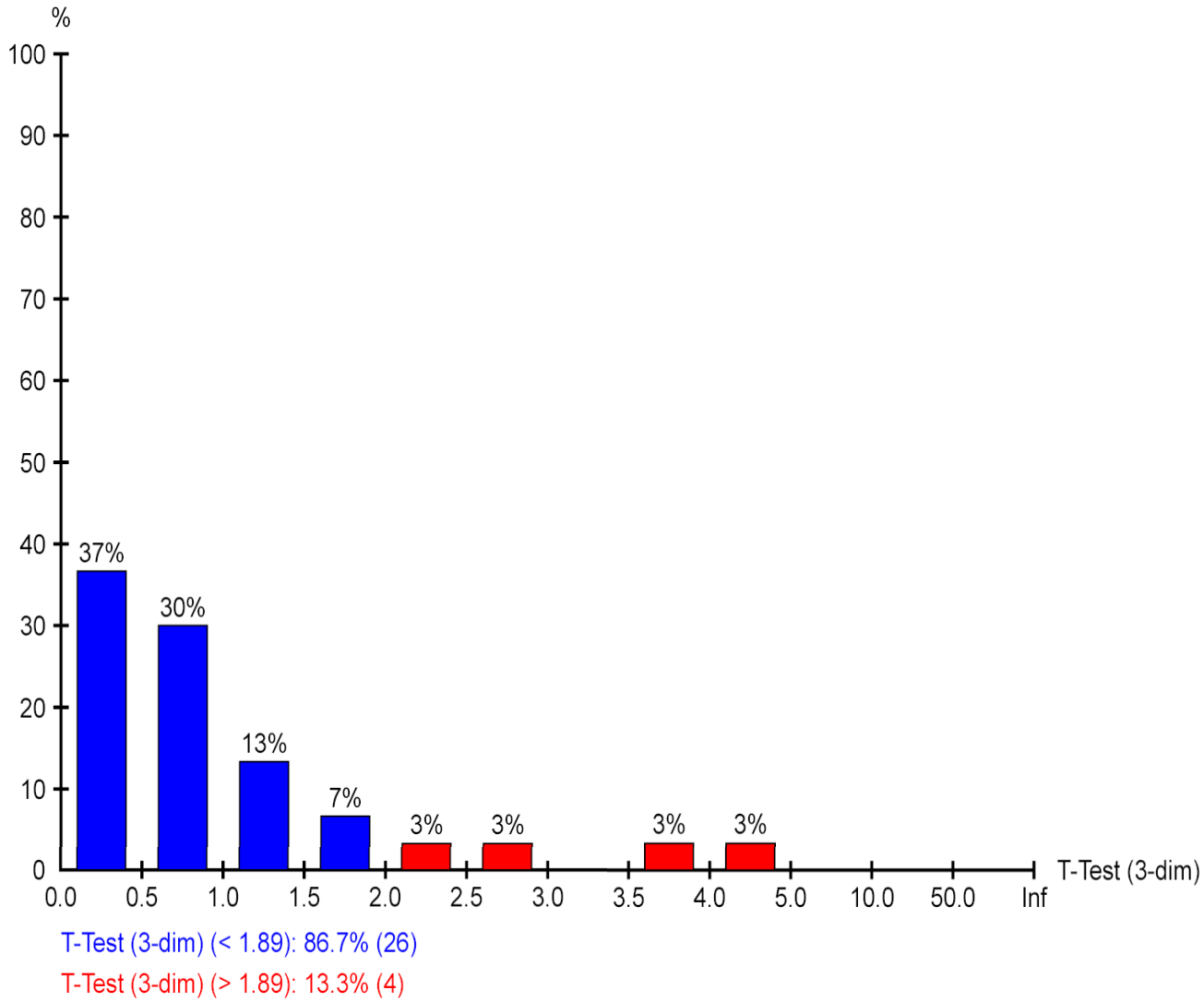
W-Test:



T-Test (2-dimensional):



T-Test (3-dimensional):



Estimated Errors (Observations)

Estimated Errors For Observations With Rejected W-Tests (max 10)

	Station	Target	W-Test	Fact	Est err
DX	87C359	CUSAC001	2.34	1.2	0.0134 m
DZ			-2.90	1.5	-0.0170 m
DZ	CUSAC001	CUSAC002	-2.32	1.2	-0.0131 m
DX	87C359	CUSAC001	-2.06	1.1	-0.0118 m
DZ			2.60	1.3	0.0152 m

Estimated Errors For Observations With Rejected Antenna Hgt W-Tests (max 10)

Station	Target	W-Test	Fact	MDB [m]	Est ant err [m]
CUSAC006	CUSAC001	-2.39	1.2	0.0225	-0.0193
CUSAC001	CUSAC002	-2.77	1.4	0.0158	-0.0156
87C359	CUSAC001	3.14	1.6	0.0163	0.0183
87C359	CUSAC001	-3.22	1.6	0.0163	-0.0188
CAMP	CUSAC002	2.29	1.2	0.0101	0.0082

Estimated Errors For Observations With Rejected T-Tests (max 10)

	Station	Target	T-Test	Fact	Est err
DX	87C359	CUSAC001	4.63	1.6	0.0134 m
DY					-0.0004 m
DZ					-0.0170 m
DX	87C359	CUSAC001	3.79	1.4	-0.0118 m
DY					-0.0033 m
DZ					0.0152 m
DX	CUSAC001	CUSAC002	2.63	1.2	0.0073 m
DY					0.0048 m
DZ					-0.0132 m
DX	CUSAC006	CUSAC001	2.17	1.1	0.0130 m
DY					0.0066 m
DZ					-0.0144 m

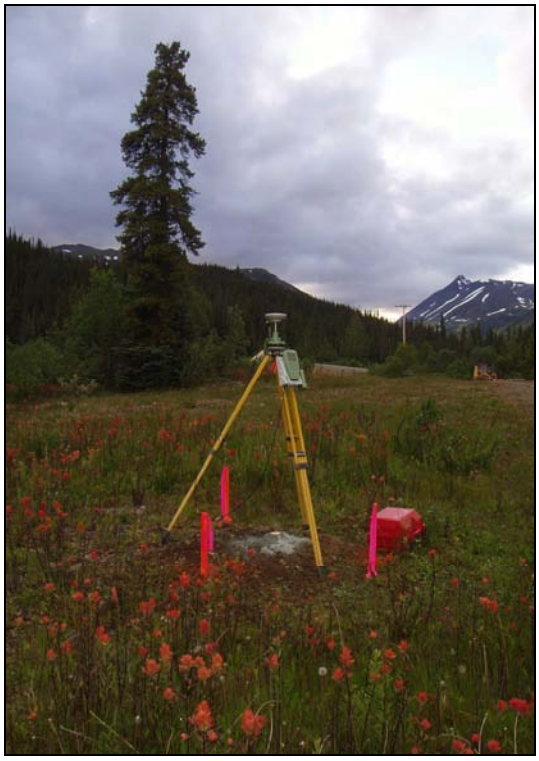
Appendix G – Primary Control Survey ‘Control Sheets’

McElhanney

McElhanney Primary Control Survey Form

Point ID: CUSAC001

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 16' 21.64260" N	**Local Northing**	570628.469
Longitude:	129º 42' 02.70455" W	**Local Easting**	60058.541
Ell Height:	1083.632	**Elevation:**	1083.830
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		



EarthPoints ControlSheets Version: 3.0

Point ID: CUSAC002

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 14' 16.44460" N	**Local Northing**	566738.629
Longitude:	129º 40' 30.24171" W	**Local Easting**	61484.025
Ell Height:	990.846	**Elevation:**	991.156
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		

EarthPoints ControlSheets Version: 3.0

McElhanney

McElhanney Primary Control Survey Form

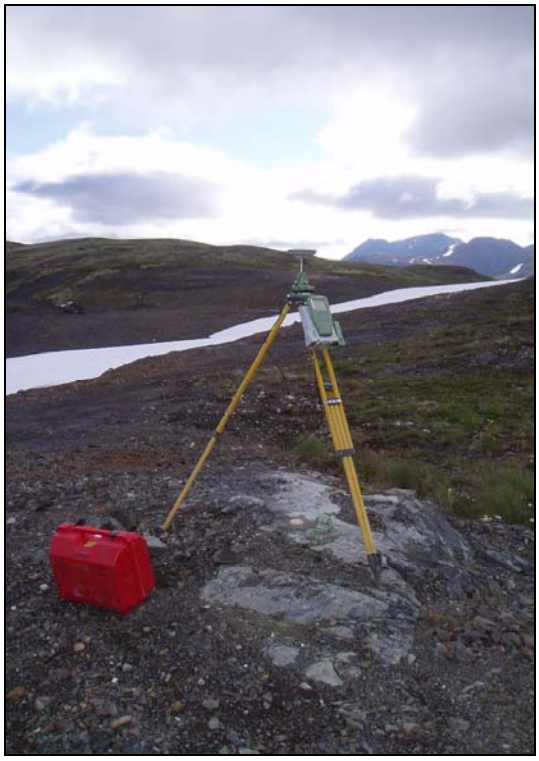
Point ID: CUSAC003

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 13' 37.13128" N	**Local Northing**	565519.965
Longitude:	129º 40' 17.94059" W	**Local Easting**	61666.832
Ell Height:	1128.777	**Elevation:**	1129.081
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		

EarthPoints ControlSheets Version: 3.0

Point ID: CUSAC004

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 12' 35.31188" N	**Local Northing**	563601.819
Longitude:	129º 39' 46.93935" W	**Local Easting**	62139.566
Ell Height:	1653.054	**Elevation:**	1653.368
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		



EarthPoints ControlSheets Version: 3.0

McElhanney

McElhanney Primary Control Survey Form

Point ID: CUSAC005

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 12' 25.78635" N	**Local Northing**	563290.194
Longitude:	129º 37' 57.82119" W	**Local Easting**	63868.523
Ell Height:	1527.717	**Elevation:**	1528.059
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		

EarthPoints ControlSheets Version: 3.0

Point ID: CUSAC006

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 11' 17.06014" N	**Local Northing**	561191.310
Longitude:	129º 40' 57.28058" W	**Local Easting**	60998.439
Ell Height:	1296.115	**Elevation:**	1296.423
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		

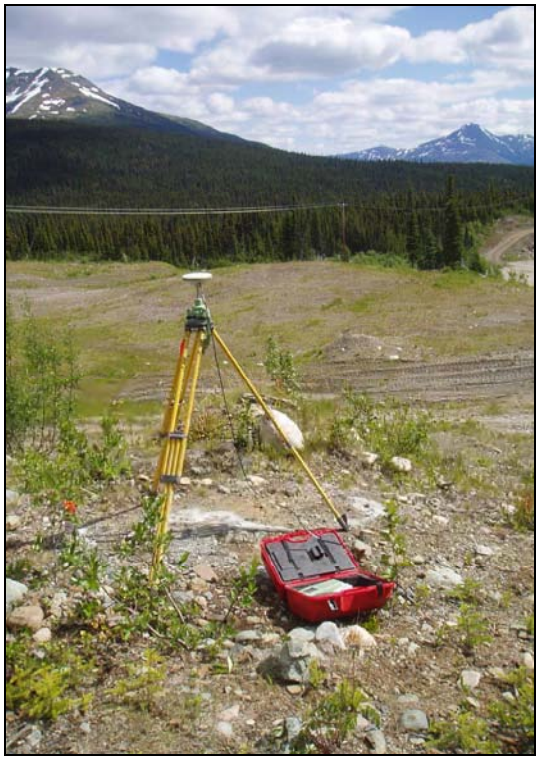
EarthPoints ControlSheets Version: 3.0

McElhanney

McElhanney Primary Control Survey Form

Point ID: CUSAC007

Project:	Cusac Gold Property	**Project #:**	2113-01824-0
Location:	Jade City, BC	**Date:**	2008-07-27
Description:	Control Survey for Cusac Gold Project		
Latitude:	59º 10' 57.60860" N	**Local Northing**	560591.313
Longitude:	129º 41' 09.53494" W	**Local Easting**	60797.644
Ell Height:	1252.081	**Elevation:**	1252.390
Datum:	NAD83 CSRS	**Geoid Model:**	HT2
Grid Type:	UTM Zone 9		
Grid Coordinate System Details:	Combined Scale Factor: 0.99942374779. Northing Shift: -6003785.5769. Easting Shift: -400266.19. Refer to the control survey report for UTM > Grid conversion instructions.		
Coordinate System (Survey) Origin:	The horizontal origin for this coordinate system is the Dease Lake BC Active Control Station (BCDL). The vertical origin is monument 87C359.		



EarthPoints ControlSheets Version: 3.0

Point ID:

Project:		**Project #:**	
Location:		**Date:**	
Description:			
Latitude:		**Local Northing**	
Longitude:		**Local Easting**	
Ell Height:		**Elevation:**	
Datum:		**Geoid Model:**	
Grid Type:			
Grid Coordinate System Details:			
Coordinate System (Survey) Origin:			

EarthPoints ControlSheets Version:

Appendix D

Airborne Geophysics Report
Canadian Mining Geophysics Ltd.

Report on a Helicopter-Borne Magnetic Gradiometer & VLF-EM

Project Name: Table Mountain
Project Number: 2008-005

Client: HAWTHORNE GOLD CORP.

Contractor: CMG Airborne

Date: November 4th, 2008

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1.0 Introduction

Canadian Mining Geophysics Ltd (CMG) has flown a helicopter-borne magnetic gradiometer & VLF-EM survey for Hawthorne Gold Corp. near Cassiar, BC.

The survey, consisting of 6,567 line-kilometers (l-km), was started on July 6th, 2008 and was completed on August 1st, 2008.

The survey was flown using the WGS-84 Datum and UTM Projection, Zone 9 North. The final database was converted to the NAD-83 Datum and UTM Projection, Zone 9 North using Geosoft Oasis Montaj. All map products were processed and are presented in the NAD-83 Datum.

The CMG magnetic gradiometer consists of three (3) potassium magnetometer sensors separated approximately three (3) meters (m) apart. Measured gradients include the vertical and transverse (cross-line) horizontal. The parallel (in-line) horizontal gradient is calculated and is possible because of the close separation of the magnetometer readings (~3 m) along the flight line.

The CMG system also records two VLF-EM measurements from approximately orthogonal VLF transmitting stations – normally Cutler, Maine and Jim Creek, Seattle, both in the United States.

This report describes the Survey Area in Section 2, Survey Procedures & Personnel in Section 3, Equipment in Section 4, Deliverables in Section 5, Processing in Section 6, and Interpretation in Section 8.

Appendix B contains a list of the survey outline points in NAD-83, Zone 9 N.

Appendix C contains a list of the digital database columns, the database of which is included with this report to Hawthorne Gold Corp.

Survey Area

The Cassiar Gold District or 'Cassiar Gold Camp' as it is often referred to, hosts both the Table Mountain Gold Property and the Taurus Property. Hawthorne Gold Corp. owns the majority of the mineral tenures that comprise both of these gold properties located in the Liard Mining District (). On these properties are located a number of past-producing, majority underground and a few small open pit high grade gold mines. Total documented gold production to date from the Cassiar District is about 425,100 oz (13,222 kg) of gold. (From Table Mountain 43-101)

The Table Mountain property is centered on a north-south trending 15 km long, gold-bearing hydrothermal system that developed along and adjacent to the northerly-trending Erickson Creek Fault Zone. The vein systems trend northeast and extend outward from within the fault zone. The hydrothermal system also encompasses unexplored, nearby and adjacent areas such as the Beaton Creek Area, Boomerang-Lyla Fault Zones, similar structures along Finlayson Creek, eastern side of Table Mountain and the Huntergroup Massif, which suggests these areas have potential for discoveries of high-grade vein systems. (From Table Mountain 43-101)

The Table Mountain Gold Property is located in northwest British Columbia, 141 km southwest of Watson Lake, Yukon Territory and 117 km north of Dease Lake, British Columbia (Figure 1). Access to the property is via the Stewart Cassiar Highway (Hwy 37N), which along with 23 kilometres of the Alaska Hwy in the north connects to these two towns.

The survey polygons covered a number of mineral claims which are contiguous (Figure 2). The property claims are held by the following owner:

Hawthorne Gold Corp.
Suite 1818, 701 West Georgia Street
Vancouver, BC
Canada V7Y 1C6

The block is centered at latitude 59° 13' 58" & longitude 129° 34' 21". The property is bound on the north by the McDame Creek valley. McDame Creek follows a broad northeasterly trending valley, its floor up to one kilometer wide, features swampy areas separated by low hills with elevations between 900 and 1,000 metres. To the north and south the valley slopes rise steeply to local peaks over 2,000 metres in elevation. The highest peak on the property is Black Fox Mountain at 2,143 metres. (From Table Mountain 43-101)

The base of operations was the Table Mountain mining camp (provided by Hawthorne Gold Inc.), Jade City, BC which was located within the survey area at the following coordinates: 59° 14' 22" latitude & 129° 40' 4" longitude. The aircraft was fueled out of a holding tank outside of the mining camp.

Figure 1 - Regional location of the Table Mountain survey area.

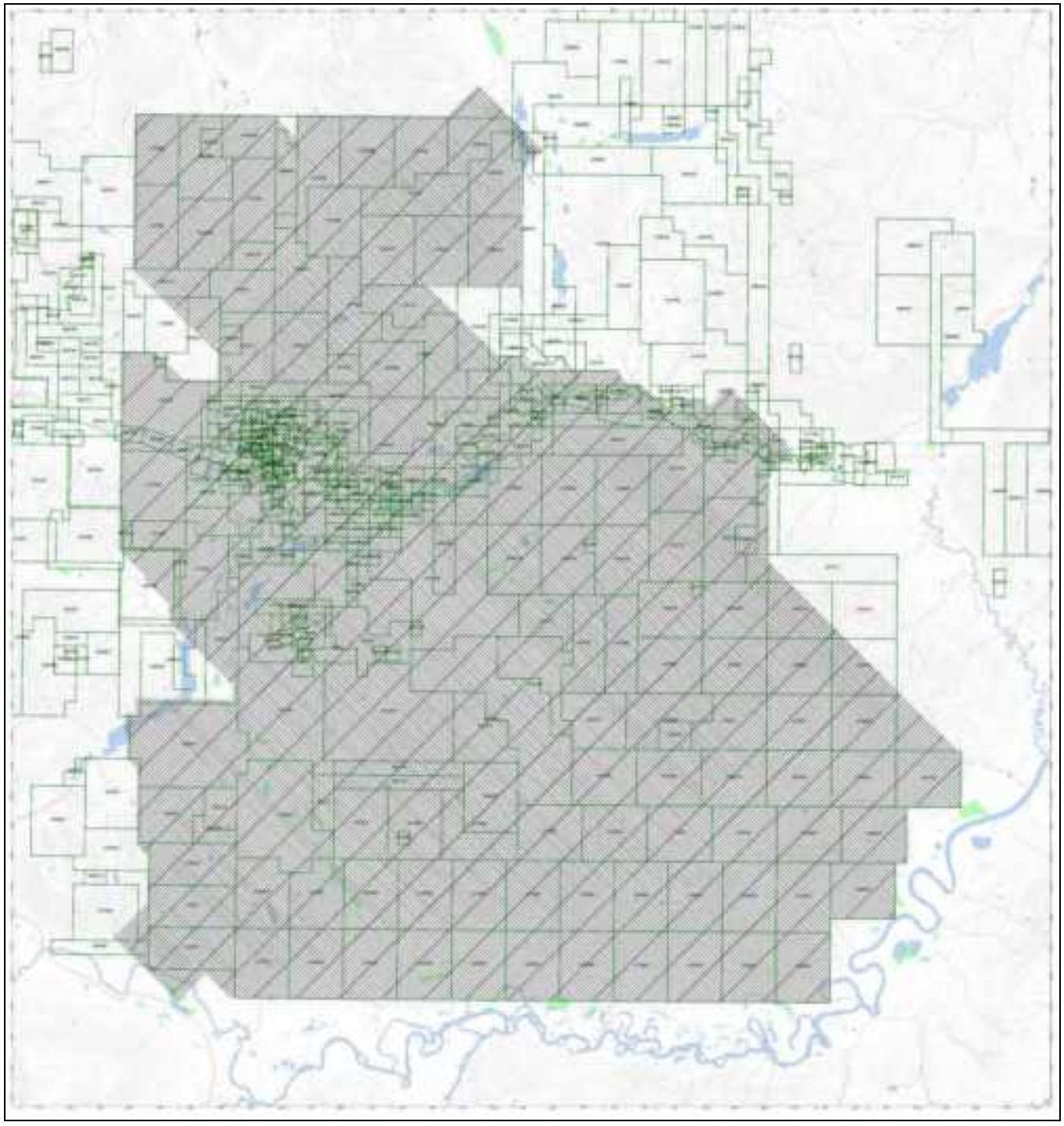

Figure 2 - Survey area showing flight path, topographic contours and mineral claims.

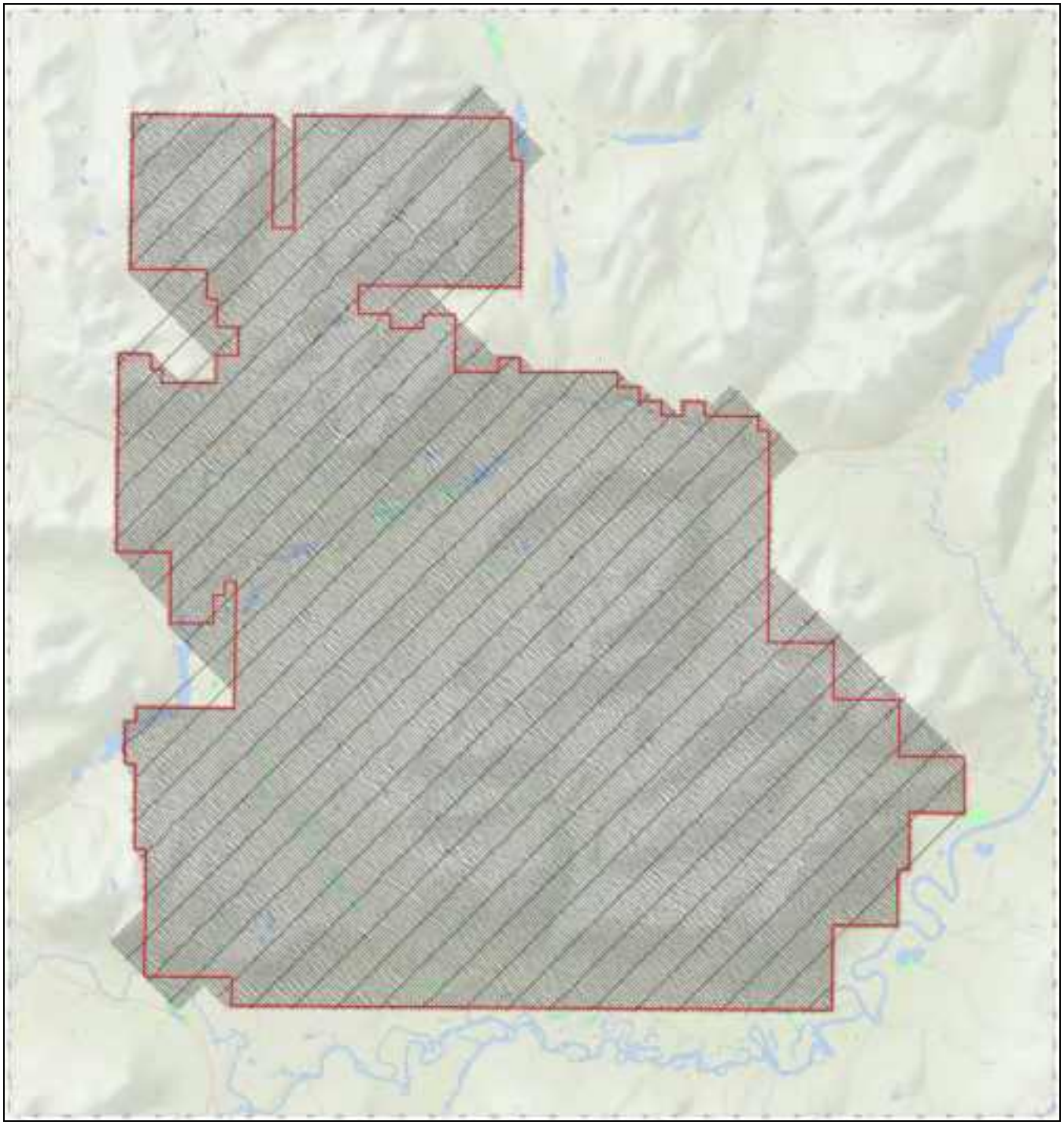

Figure 3 - Actual flight path & claim outline of the Table Mountain survey area.

2.0 Survey Procedures & Personnel

The survey was flown according to the specifications outlined in Table One. The survey lines (as flown) were trimmed within a Geosoft database to the survey polygon plus 100m. This resulted in the number of l-km as described in Table One.

Nominal bird height was 63 m. In some cases the bird height was higher, especially in areas where the cliffs made it difficult to climb and descend quickly. Over flatter areas, the bird height was closer to 40 m.

Nominal survey speed was approximately 100 km/hr. Sampling of all data, including GPS, occurred at a 10 Hz rate. Therefore the approximate lateral distance between readings was 2.5-3.0 m.

Real-time helicopter navigation was possible using the AgNav system. GPS sensor positioning was provided using a Novatel 10-channel receiver set to the CD-GPS mode (western zone). This mode is considered the most accurate in Canada and provides real-time accuracy of ~ 1-5 m. The GPS antenna was installed on top of the gradiometer bird, near the center (length-wise) of the housing.

A radar altimeter was connected to the skid gear of the helicopter and provided a measurement of distance above ground for the pilot to navigate by. Inside the helicopter the radar altimeter had a digital readout attached to the dash board.

Approximately one hour before the survey began, the base station magnetometer initialized and a VLF sensor attached. All transmitting VLF stations were scanned and the two stations with the strongest signal selected. The selected stations were then relayed to the operator who set them in the helicopter data system for recording during flight. The base station was turned off after the crew landed and contacted the processor.

(Table 2 provides a listing of all personnel involved in the project, their respective positions and a brief description of their roles and responsibilities throughout the survey.

Final data processing was carried out under the supervision of:

Sean Scrivens P. Geo.
Canadian Mining Geophysics Ltd.
Manager of Processing & Interpretation
7696 Fairhurst Dr.
Kemptville, Ontario
Canada, K0G 1J0.

Table 1 - Survey Area Specifications

Area	Line Direction	Line Spacing	Number of km
Table Mountain	N135°E	100 m lines	5,955 km
	N45°E	1000 m lines	612 km

Table 2 - List of Survey Personnel

Individual	Position	Description
Matthew Collins	Pilot	Flew the helicopter.
Scott Hobbs	Aircraft Mechanic	Ensure helicopter maintenance is performed.
Dan LeBlanc Rafal Starmach	Operator	In-flight quality control & maintenance of the system and ancillary equipment.
Pawel Starmach	Processor	On-site data processing.
Sean Scrivens	Final Processing, Reporting & Interpretation	Integration of field data into Geosoft database and generation of grids, profiles, map products and logistics and interpretation report write-up.
Steve Balch	Interpretation	Assisted with data interpretation.
Jim Sparling	Client Representative	Hawthorne Gold Corp.

3.0 Equipment

3.1 The Helicopter

The helicopter used was a Eurocopter AStar Aerospatial 350 B2 with registration C-FTDE, owned and operated by Vancouver Island Helicopters (VIH). An AStar B2 is shown in Figure 4.

Installation of the ancillary equipment was performed at VIH's hangar in Prince George, BC. Two short test flights were performed to ensure the system was operational. The bird was then towed to the Cassiar, BC region where surveying commenced immediately.

The gradiometer system was attached to the helicopter by a 30 m long tow cable. The tow cable contains a Kevlar strength member and a weak link. The tow cable also contains the power and signal wires.

3.2 The Gradiometer

The CMG magnetic gradiometer (Figure 5) is based on GEM System potassium magnetometers. These sensors are preferred over the cesium optically pumped sensors because they have a lower effective noise level (better for gradient measurements) and a much lower heading error (less absolute correction required from line to line).

Figure 4 - The survey used a AStar B2 as shown above.

Three sensors are also preferred over the normal four sensor arrays featured on systems that measure all three magnetic gradients. CMG measures the vertical gradient from the top sensor and the average of the two bottom sensors located 2.95 m apart and the cross-line (or transverse) gradient from the two side sensors located 3.45 m apart. The in-line gradient is actually calculated from successive measurements of the average of the two side sensors given the fact that measurements along the flight line are acquired at approximately the same distance as the sensor separation of the bird.

Computing the in-line gradient as opposed to measuring it directly using an additional sensor has some important advantages. Firstly, and most importantly, by having only three magnetometer sensors, they can all be placed at the front of the bird and the magnetically noisy electronics (including the tow cable) can all be placed at the back of the bird so that the distance between sensors and electronics is maximized. Secondly, the computed in-line measurement has effectively no heading error (the readings are measured from the same sensors and are constant across such a short distance), and is relatively free from diurnal variations in the magnetic field, given the short time interval (0.1 sec) between readings.

Figure 5 - The CMG tri-axial magnetic gradiometer.

Table 3 - Specifications for the CMG Magnetometer Section

Sensitivity:	+/- 0.001 nT
Absolute accuracy:	+/- 0.5 nT over operating range maximum
Sample rate:	10 Hz (0.1 sec)
Dynamic range:	30,000 to 90,000 nT, 5,000 nT/m gradient
Heading error:	+/-0.15 nT maximum for all sensor orientations
Operating temperature:	-32^{o} C to +40^{o} C normally
Tuning method:	Dynamic re-starting at 30,000 nT
Volume of sensor:	70 mm^{3}

The magnetometer data is collected at a rate of 10 Hz. The frequency from each sensor is counted separately within the digital electronic section located approximately 4.5 m away from the sensors in the middle of the bird. The combined data stream (including mag, gps, vlf and radar information) is then sent up the tow cable to the data acquisition system in the helicopter. Specifications for the magnetometer sensors are given in Table 3.

3.3 The Magnetometer Bird

The magnetometer frame is constructed from fiberglass and the sensor housings are made from Kevlar. The horizontal displacement between magnetometer sensors is 3.45 m. The vertical separation is 2.95 m. The length of the bird is 5.3 m and weighs approximately 180 kg. The bird can be separated into two sections and the magnetometer arms removed for easy transportation.

3.4 The VLF-EM System

The CMG gradiometer contains two VLF (very low frequency) EM receivers that can be tuned to any of the operational VLF transmitters worldwide. In general, two orthogonal stations are chosen such as Cutler Maine (24.0 kHz) and Jim Creek Seattle (24.8 kHz).

Measurements of the in-phase, quadrature-phase and total field are taken at a 10 Hz sample rate. The in-phase measurement is easily affected by variations in the sensor orientation and may not be useful in areas of rugged topography or where bird movement is significant. The quadrature-phase measurements are dependent on bird direction so alternating lines are sign inverted. The results can be gridded and provide the locations of weak conductors, given the high relative frequency of the transmitter station.

The measured VLF components are converted into a digital signal and then appended to the data string in the main magnetometer console. This entire data string is then transmitted up the tow cable to the data acquisition system in the helicopter.

3.5 The Magnetometer Base Station

A GSM-19 base station was used to record variations in the earth's magnetic field and referenced into the master database using GPS time stamp. This system is based on the Overhauser principle and records total magnetic field to within +/- 0.02 nT at a one (1) second time interval.

The GSM-19 is portable and can be placed in a remote location without the need for extra batteries or cabling. On this survey the unit was positioned at a magnetically quiet location at the mine site.

3.6 The Radar Altimeter

The CMG system uses two radar altimeters, both modulated frequency radio versions manufactured by Free Flight. The radar altimeter in the helicopter is used by the pilot to estimate terrain. The second altimeter, mounted directly on the bird, provides an accurate measurement of bird height. The approximate accuracy of these devices is +/- 2 m.

3.7 GPS Navigation

CMG uses the AgNav Incorporated (AgNav-2 version) GPS navigation system for real-time locating while surveying. The AgNav unit is connected to a Tee-Jet GPS system receiver that uses the WAAS system – considered to be a standard in aircraft navigation and accurate throughout a large portion of Canada.

3.8 Data Acquisition System

Data is collected by the main magnetometer console in the gradiometer bird and includes GPS timing and positional information, magnetometer readings, VLF readings, and radar altimeter. This information is digitized inside the console, all at a rate of 10 Hz. The resulting data string is transmitted in digital format along the tow cable into a laptop computer inside the helicopter that is running the GEM Systems DAS software. All data is stored on the hard-drive in ASCII format using a simple column by row format.

4.0 Deliverables

From the survey, a number of deliverable products are generated including a set of hard-copy maps, a final report (this document), and a digital archive of the data with digital copies of map products.

4.1 Hardcopy Products

Hardcopy map products are provided at 1:20,000 scale and include a topographic back-drop. Each map contains a scale bar, north arrow, coordinate outlines (easting & northing), flight lines with line number and direction and geophysical data.

The survey block consisted of 1 map plate customized to fit within the boundaries of a 42” plotter.

Each map contains a technical summary of specifications and a colour bar that describes the geophysical data.

4.2 Digital Products

The geophysical data is provided in a Geosoft GDB database. At the Client's request an XYZ archive of the same database in ASCII format can also be provided.

The contents of the database are described more fully in Appendix C.

A copy of the GDB database is kept by CMG as a courtesy to the Client but can be deleted at the Client's request.

In addition to the GDB file database, copies of all geophysical grids are provided as GRD files (also in Geosoft format). The cell size used for gridding is normally ¼ of the flight line spacing.

Map files in Geosoft MAP format are also provided as deliverables. The Client can use a free viewer available from Geosoft Limited (www.geosoft.com) for viewing and plotting map files, but not for editing or changing them.

4.3 Delivered Products

The following map products were delivered in hard-copy and digital format:

- Colour shaded, total magnetic field (TMI) with flight lines and contours over topographic backdrop
- Colour shaded, analytical signal (ASIG) with contours and flight lines over topographic backdrop
- Colour shaded, measured in-line horizontal field derivative (MI-HMG) with contours and flight lines over topographic backdrop
- Colour shaded, magnetic tilt derivative (TDR) with contours and flight lines over topographic backdrop

The following map products were delivered in digital format only (in addition to those above):

- Colour shaded, calculated vertical magnetic field derivative (C-VMG) with contours and flight lines over topographic backdrop
- Colour shaded, measured vertical magnetic field derivative (M-VMG) with contours and flight lines over topographic backdrop
- Colour shaded, measured cross-line horizontal magnetic field derivative (MC-VMG) with contours and flight lines over topographic backdrop

- Colour shaded, VLF-EM Quadrature-Phase component (VLF-QD) with contours and flight lines over topographic backdrop
- VLF in-phase component (VLF-IP) Geosoft grid
- Digital Terrain Model (DTM) Geosoft grid

The following additional products were delivered in digital format:

- Copy of this report in .pdf format
- Geosoft database GDB of all collected data
- Geosoft grid and Arcview Tiff files of selected geophysical data (listed above)

5.0 Processing

Preliminary data processing is performed using CMG proprietary methods. This includes calculation of the magnetic gradients from the three sensors (MAG1, MAG2 and MAG3), digital terrain model, bird height, and merging of the base station magnetic data (sampled at 1.0 sec) with the survey data (sampled at 0.1 sec).

5.1 Base Maps

All base maps are presented in the Datum and Projection defined in the Introduction of this report. All map coordinates refer to projected easting and northing in meters. All maps contain the actual flight paths as recorded during surveying and have been clipped to the survey polygon with a 100m extension.

The topographic vector data has been obtained from Natural Resources Canada.

Topographic shading has been derived from 90 m resolution digital elevation model (DEM) data provided by the NASA Shuttle Radar Topography Mission (SRTM) and shaded at an inclination and declination of 45º.

5.2 Flight Path

The helicopter used “ideal” flight lines as guidance during surveying as displayed on the real-time AgNav system with the aid of a helicopter mounted GPS. A separate GPS mounted to the bird was used to record actual position. The sample rate of the GPS was 10 Hz, the same as all the other data collected in flight.

The GPS outputted both latitude and longitude values and easting and northing values, all in the WGS84 Datum, using the UTM Projection Zone 9 North. There has been no interpolation of the positional data, nor has there been any filtering of the data.

5.3 Terrain Clearance

Two radar altimeters recorded data during the course of the survey: one located on the skid gear of the helicopter and the other on the base of the bird. The helicopter mounted radar altimeter was used to maintain terrain clearance by the pilot. A digital indicator was mounted on the dashboard of the helicopter. This work was performed by a licensed helicopter engineer provided by VIH.

The digital terrain model (DTM) was derived by subtracting the bird mounted radar altimeter value from the GPS z position (mean point above sea level). The DTM values were further corrected for a lag value of 1.0 sec. The DTM values are to be considered relative as they have not been tied into any surveyed geodetic point.

5.4 Magnetic Data Processing

The magnetic data were collected without any lag time, therefore a lag time correction was not applied. In areas where one magnetometer sensor has become unlocked, the total magnetic field values for that sensor were replaced with a dummy value ("*"). The lock and heater settings are both used for QC measures so it is easy to find the areas where one or more sensors lost lock or were not heating correctly. Locking errors occur almost entirely on turn-arounds.

The raw ASCII survey data files and basemag ASCII data files are imported into separate Geosoft databases. A QC check of the basemag data is made on a day to day basis, exported as a Geosoft Table file (TBL) and merged with the active database using built-in Geosoft routines.

Diurnal magnetic corrections were applied only to the channel that was used to generate a total magnetic field map. The MAG1, MAG2, and MAG3 sensor values were used to generate the gradients and do not require diurnal correction. The base station data was linearly interpolated from a 1.0 sec sample rate to 0.1 sec to correspond to the flight data.

The horizontal gradients are sensitive to line direction. Positive polarity is defined as to the north and east. On south- and/or west-facing lines the horizontal gradients are multiplied by -1.

The magnetic data from the individual sensors as well as the computed total magnetic intensity have no filtering applied. The computed gradients are lightly filtered to remove high frequency noise common in areas of rough terrain or flying conditions. The magnetic data grids were tie line-leveled and the resulting grids micro-leveled.

5.5 VLF-EM Data Processing

The VLF data is strongly affected by motion of the bird (during ascent and descent during surveying) and by rough topography. The in-phase component (and hence the total field) is most affected. For this project the in-phase, quadrature-phase and total field components were processed, but only the total field used in the interpretation.

The VLF data is directional therefore alternate flight lines are inverted for polarity. The positive direction is considered north and east. Due to occasional data spikes and high frequency noise, a 5-pt non-linear filter and light low pass filter were applied to the VLF channels. Trends are easily recognized in the gridded VLF quadrature-phase and filtering makes little difference to the gridded data.

Due to the high latitude and rough topography in the project area, many of the VLF components were not salvageable as a useful interpretive product. Both a quadrature and in-phase components were delivered, although from two different VLF stations (24.8 khz and 25.2 khz respectively). Unfortunately, a total field product was not measured from either station due to high signal attenuation.

6.0 Results

The total magnetic field (TMI) is shown in Figure 6. The TMI has been color shaded with a sun angle of 45^o inclination and 315^o declination to enhance regions of high gradient. The profile data was tie-line leveled and then the grid was further micro-leveled (both processes were performed using Geosoft).

The measured vertical magnetic gradient (M-VMG) is shown in Figure 7. The M-VMG image is shaded with a sun angle of 45^o inclination and 315^o declination.

The calculated vertical magnetic gradient (C-VMG) is shown in Figure 8. The C-VMG image is shaded with a sun angle sun angle of 45^o inclination and 315^o declination.

The measured in-line horizontal magnetic gradient (MI-HMG) is shown in Figure 9. The MI-HMG image is shaded with a sun angle of 45^o inclination and 315^o declination.

The measured cross-line horizontal magnetic gradient (MC-HMG) is shown in Figure 10. The MC-HMG image is shaded with a sun angle of 45^o inclination and 315^o declination.

The calculated magnetic analytical signal (ASIG) is shown in Figure 11. The ASIG image is shaded with a sun angle of 45^o inclination and 315^o declination.

The digital terrain model (DTM) is shown in Figure 12 shaded with a sun angle of 45^o inclination and 315^o declination, but with the “elevation” color transform. A lag of 1.0 sec was applied to the profile data before the grid was generated.

The VLF quadrature-phase component data from station #2 (24.8 kHz) is shown in Figure 13. The VLF-QD is shaded with a sun angle of 45° inclination and 315° declination.

The magnetic tilt derivative (TDR) is shown in Figure 14. The TDR is shaded with a sun angle of 45° inclination and 315° declination.

Respectively Submitted,

Sean Scrivens P.Geo.
Canadian Mining Geophysics Ltd.
November, 2008

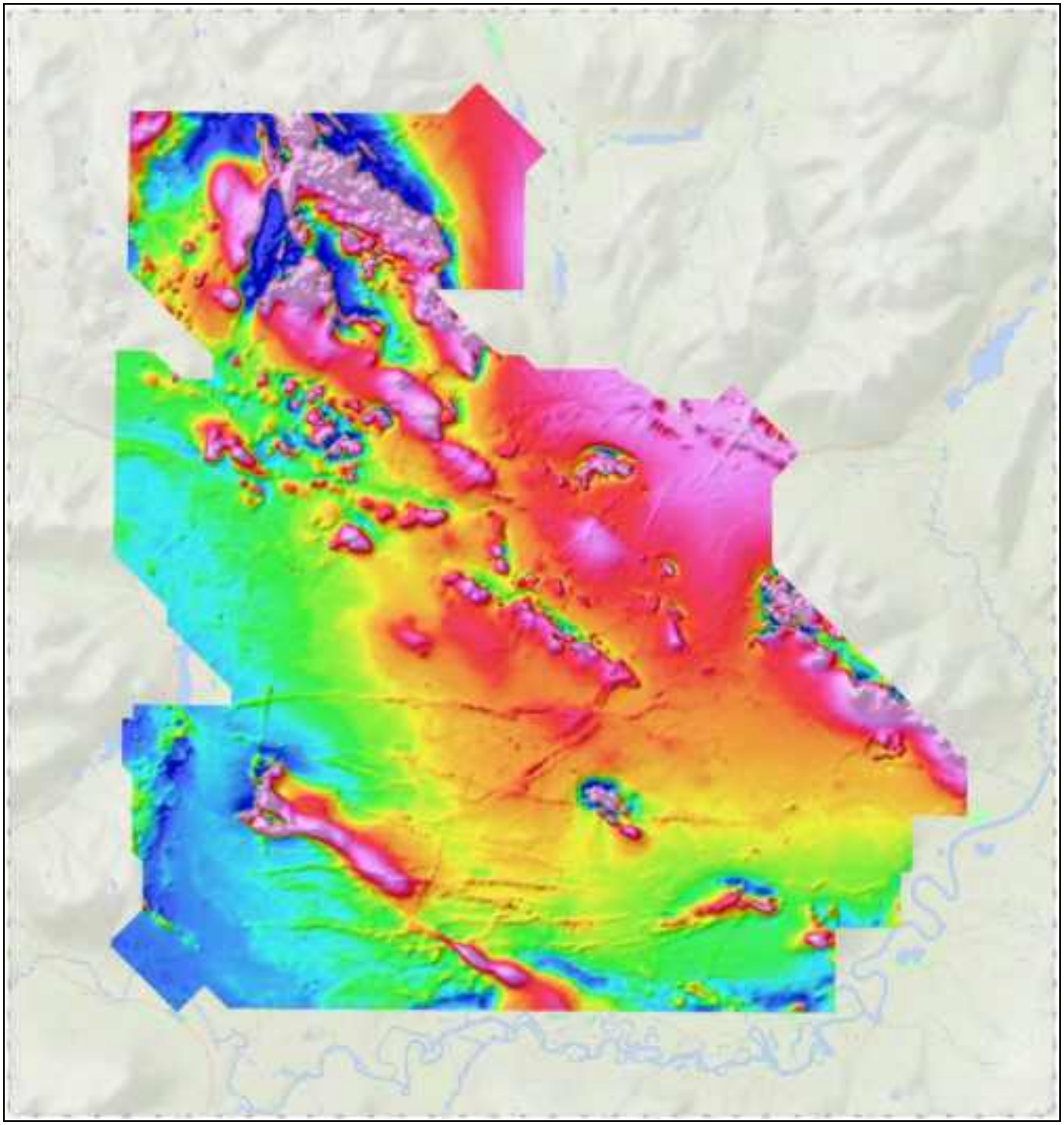

Figure 6 - Shaded image of the total magnetic field intensity (TMI) over the Table Mountain survey area.

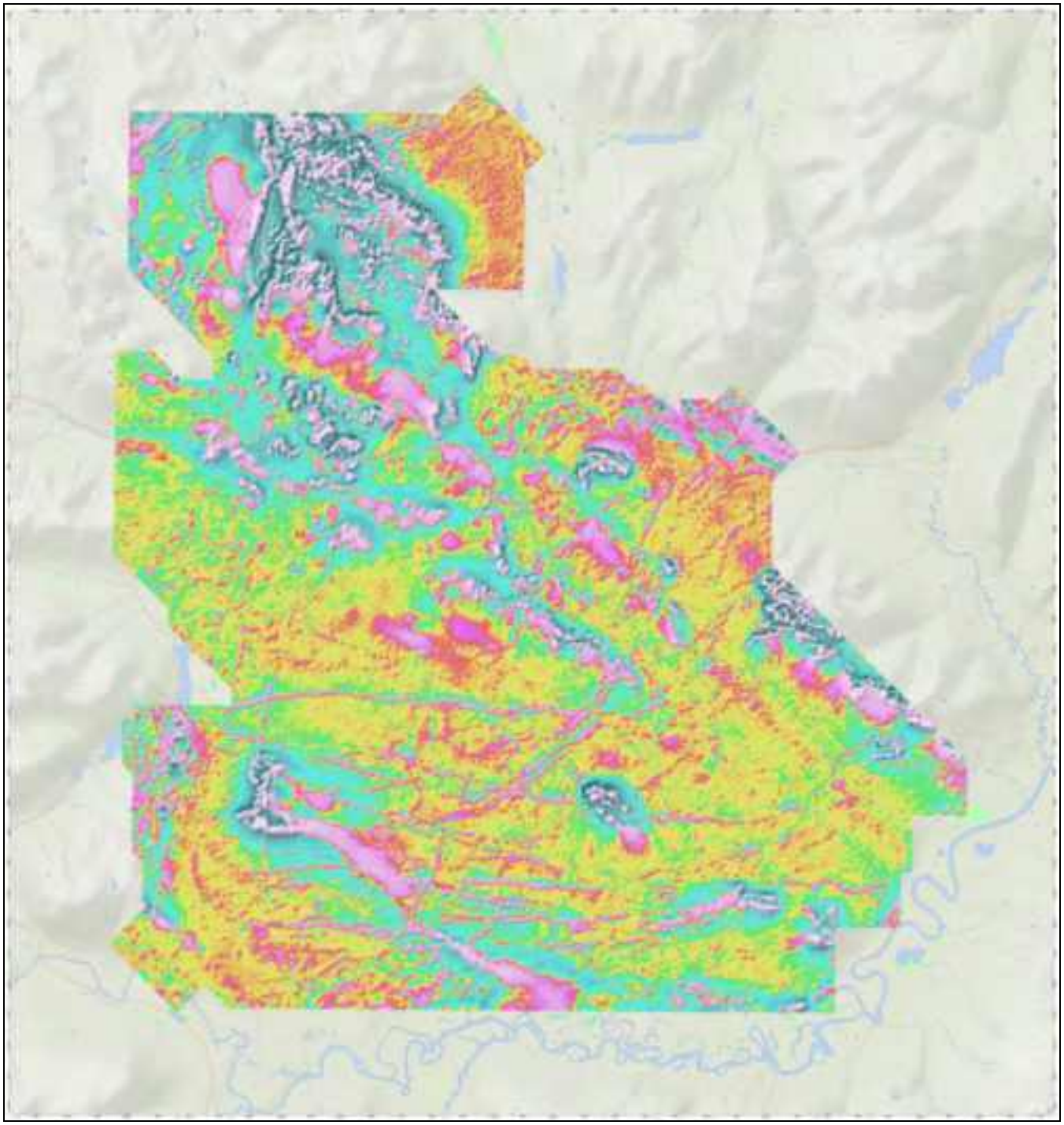

Figure 7 - Shaded image of the measured vertical magnetic gradient (M-VMG) over the Table Mountain survey area.

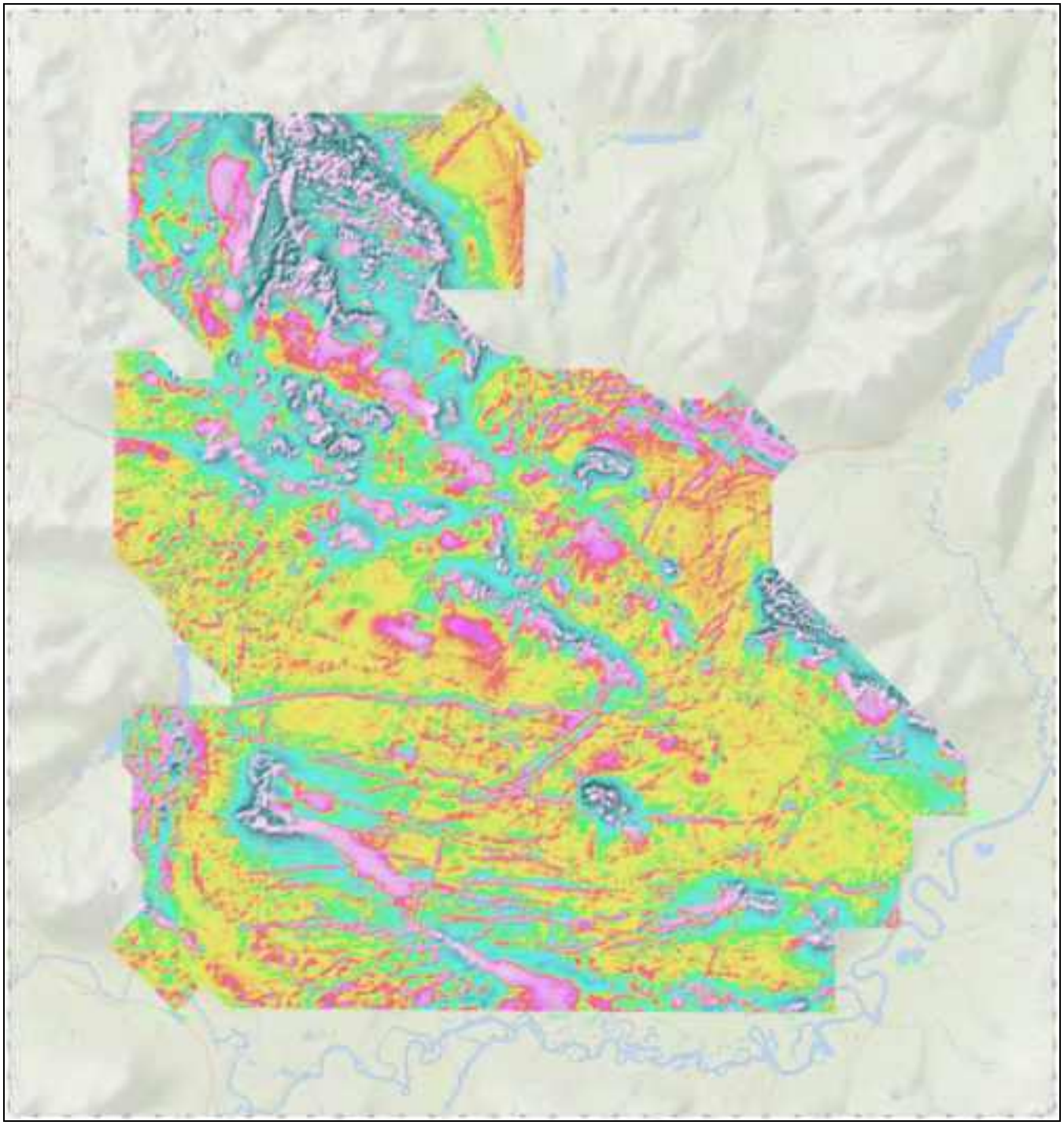

Figure 8 - Shaded image of the calculated vertical magnetic gradient (C-VMG) over the Table Mountain survey area.

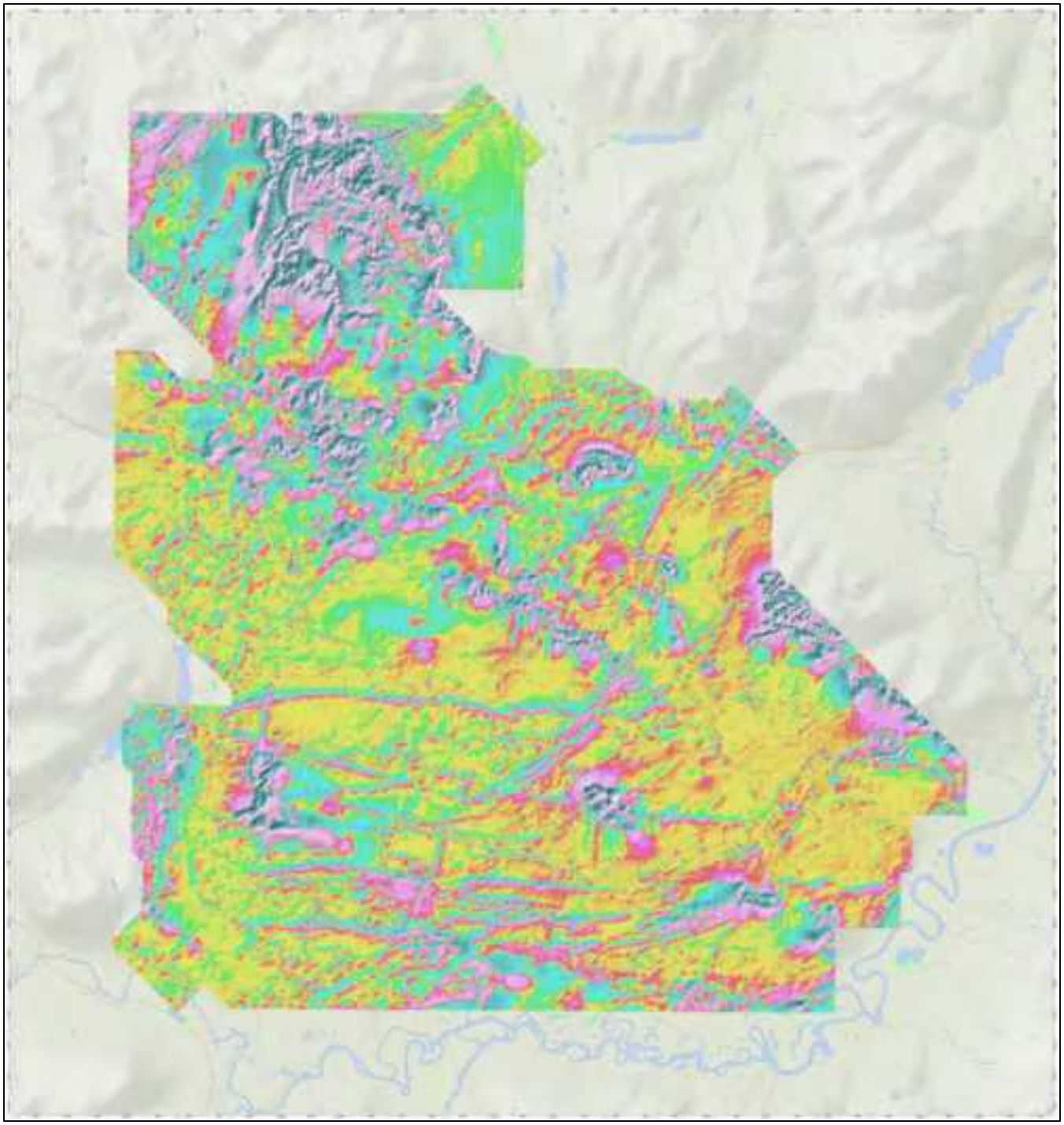

Figure 9 - Shaded image of in-line magnetic (MI-HMG) over the Table Mountain survey area.

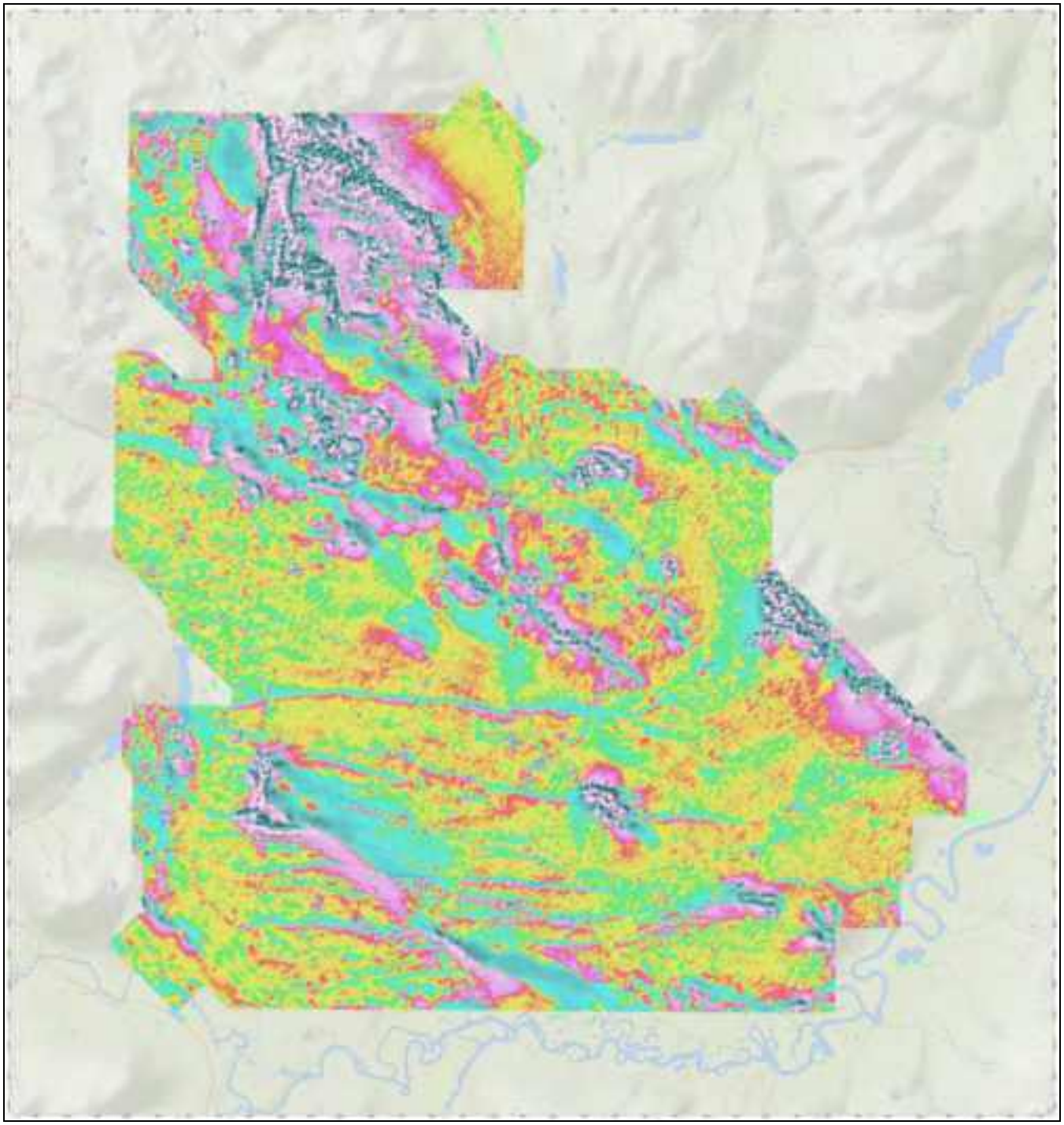

Figure 10 - Shaded image of the cross-line magnetic gradient (MC-HMG) over the Table Mountain survey area.

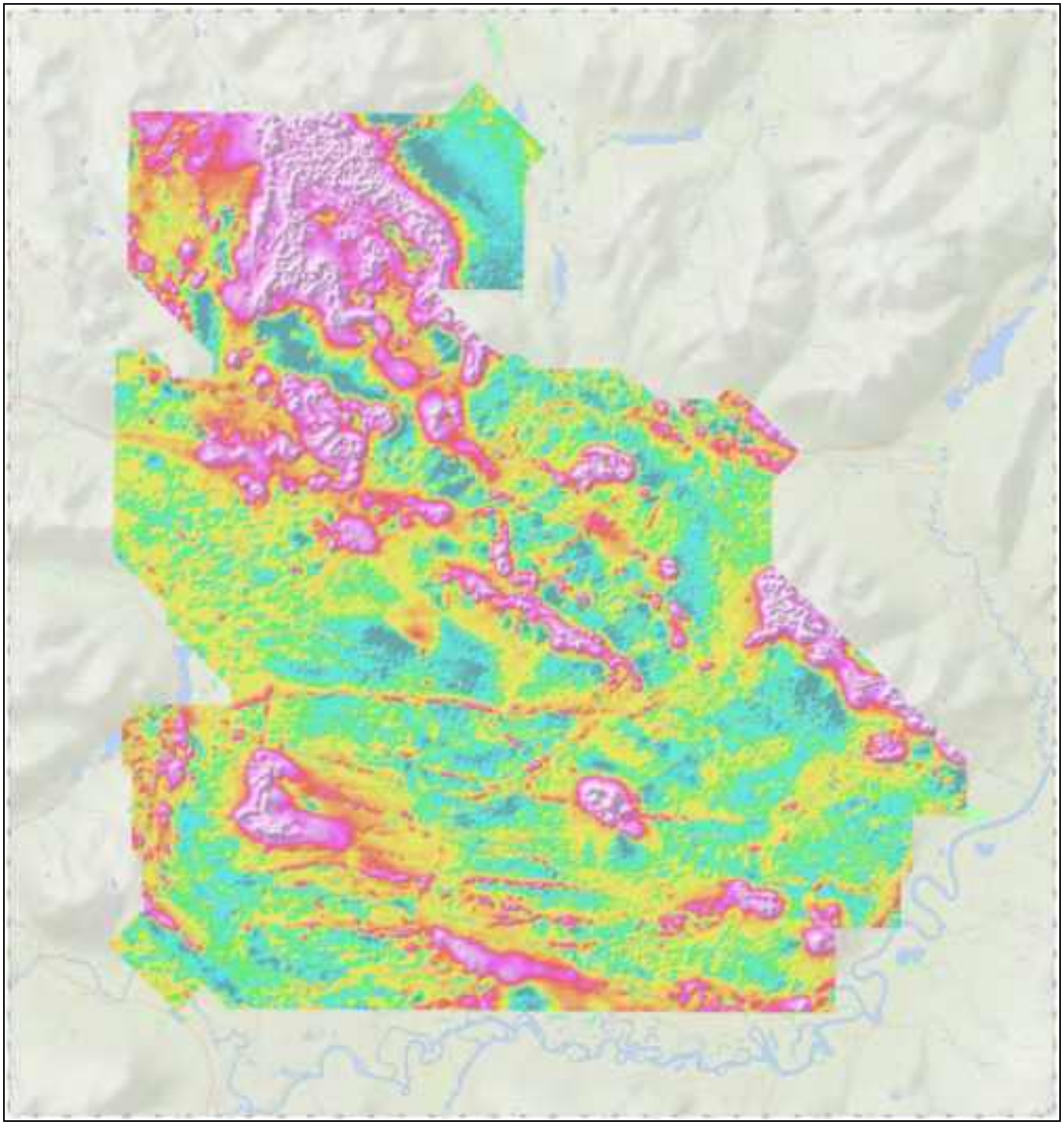

Figure 11 - Shaded image of the magnetic analytical signal (ASIG) over the Table Mountain survey area.

Figure 12 - Shaded image of the digital terrain model (DTM) over the Table Mountain survey area.

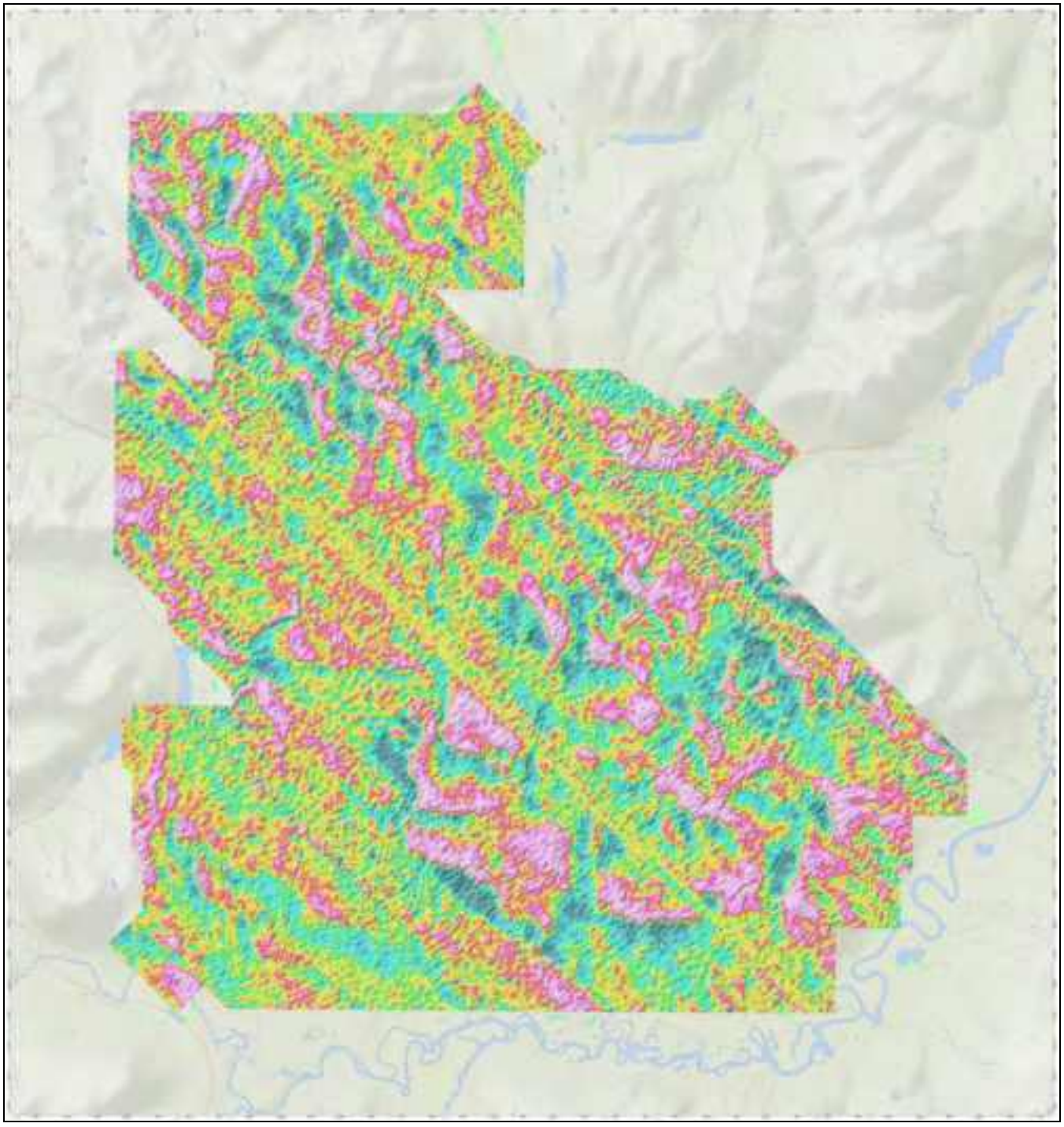

Figure 13 - Shaded image of the VLF-EM quadrature-phase of Jim Creek (24.8 kHz) over the Table Mountain survey area.

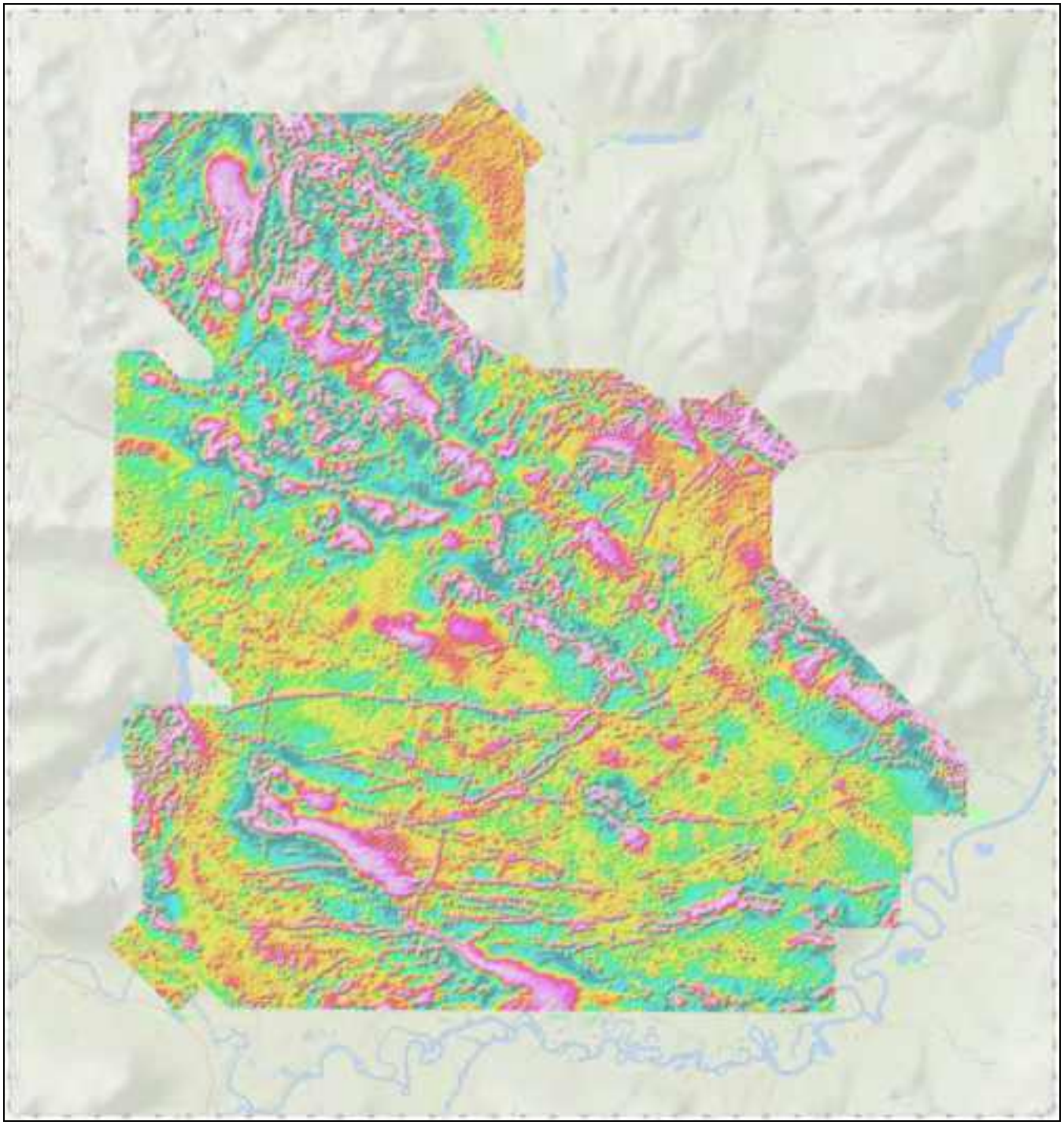

Figure 14 - Shaded image of the magnetic tilt derivative over the Table Mountain survey area.

APPENDIX A
STATEMENT OF QUALIFICATION

Certificate of Author

I, Sean Scrivens do hereby certify that:

I am a graduate of the Carleton University and hold a BSc (with honors) in Computational Geophysics (2004).

I have been a practicing geophysicist since 2003, as a Field Geophysicist (2003-2005), as a Staff Geophysicist (2005-2007), and as a Project Manager (2008) along with various consulting projects (2008)

I am a member of the Association of Professional Geoscientists of Ontario (Registration # 1623).

I am currently the Manager of Processing and Interpretation for Canadian Mining Geophysics Ltd.

I live at 7696 Fairhurst Dr., Kemptville, ON, K0G 1J0.

I was responsible for the acquisition, supervision of the data collected, and interpretation for this technical report.

Dated at Kemptville, Ontario this 6th day of October, 2008.

APPENDIX B
LIST OF SURVEY OUTLINE POINTS

The following survey polygon was produced by CMG and approved by the Client.

The Datum is NAD-83.

The Projection is UTM, Zone 9 North.

Table Mountain

Easting	Northing	Easting	Northing
456162	6581617	459335	6552312
460798	6581556	458515	6553125
461474	6580880	457605	6552221
461482	6581572	455486	6554342
466505	6581525	456575	6555430
467535	6582555	456592	6557050
469660	6580430	456222	6557420
468946	6579715	456248	6559917
468900	6575932	455904	6560261
465830	6575962	455919	6561644
468186	6573607	456269	6561629
468920	6573592	456284	6562116
469390	6573120	459506	6562070
472065	6573120	459506	6562768
472550	6572634	457394	6564882
472850	6572634	457394	6565433
473305	6572178	455630	6567200
473570	6572178	455706	6573744
474048	6571700	456786	6573713
474250	6571692	457715	6572786
474235	6572163	458914	6572786
475015	6572148	458914	6573698
475202	6571953	456086	6576525
475849	6572600		
477970	6570479		
477077	6569586		
477077	6566820		
483477	6560419		
483477	6558635		
481668	6558665		
481668	6556796		
481303	6556796		
481288	6554941		
479160	6554956		
479129	6552160		

APPENDIX C
LIST OF DATABASE COLUMNS (GEOSOFT GDB FORMAT)

Channel Name	Description
x	X positional data (metres – NAD83, UTM zone 9 north)
y	Y positional data (metres – NAD83, UTM zone 9 north)
lon_wgs84	Longitude data (degree – WGS84)
lat_wgs84	Latitude data (degree – WGS84)
Line	Line number
Date	Flight date
gpstime	Coordinated Universal Time (UTC) measurement
radalt	Bird height above ground (metres – AGL)
gpsalt	GPS height about sea level (metres – ASL)
DTM	Digital Terrain Model (metres – ASL)
Basemag	Base station magnetic diurnal (nT)
Mag1	Sensor 1 - Total Magnetic field data (nT)
Mag2	Sensor 2 - Total Magnetic field data (nT)
Mag3	Sensor 3 - Total Magnetic field data (nT)
TMI	Leveled Total Magnetic field data (nT)
ASIG	Magnetic analytical signal (nT)
TDR	Magnetic tilt derivative
C_VMG	Calculated Vertical Magnetic Gradient
MC_HMG	Measured Cross-Line Horizontal Magnetic Gradient
MI_HMG	Measured In-Line Horizontal Magnetic Gradient
M_VMG	Measured Vertical Magnetic Gradient
VLF2_QD	VLF Quadrature(Jim Creek 24.8 khz)
VLF1_IP	VLF In-Phase (La Moure 25.2 khz)