

BC Geological Survey  
Assessment Report  
29778

**DIAMOND DRILLING REPORT**  
**ON THE**  
**JERSEY-EMERALD PROPERTY, BC**  
**JERSEY 3 CLAIM**  
**TENURE #319026**

**NELSON MINING DIVISION, BC**

**MAPSHEETS: 082F.004/005/014/015**

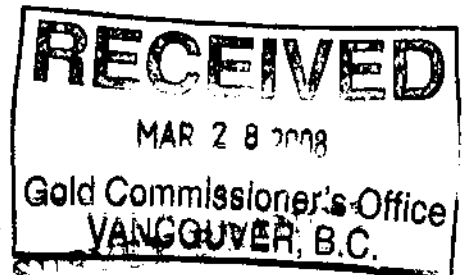
**UTM COORDINATES 5438700 N and 0484000 E**

for

**SULTAN MINERALS INC.**  
**1400 - 570 GRANVILLE STREET**  
**VANCOUVER, BC**  
**V6C 3P1**

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**March 25, 2008**



**GEOLOGICAL SURVEY**

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## SUMMARY

- This report provides a summary of a five-hole diamond drilling program conducted in 2007 within the Jersey 3 claim, part of the Jersey-Emerald property, located near to the community of Salmo in south-eastern British Columbia.
- Diamond drilling was designed to test to the east of the Dodger 4200 zone in the Jersey-Emerald mine. This area had been previously tested for molybdenum and lead-silver-zinc mineralization from underground drilling completed in 2005-06.
- The Jersey Property overlies the former Jersey and Emerald lead-zinc-silver mines and the Emerald, Dodger and Invincible tungsten mines operated by Canadian Exploration Ltd. a wholly-owned subsidiary of Placer Development Ltd. (now Placer Dome) from 1947 to 1973. Sultan Minerals Inc. also acquired a 100% ownership in the surrounding ground by staking.
- The property is located in south-eastern British Columbia centred at approximate UTM coordinates of 5438700 N and 0484000 E. The claims are located approximately ten kilometres southeast of the community of Salmo. The Jersey-Emerald Property covers an area of approximately 30 square kilometres, between the Salmo River on the west and the peak of Nevada Mountain on the east, and is bounded on the north by Sheep Creek and on the south by Lost Creek. The property consists of a block of 44 crown granted claims totalling 660.36 ha, and 72 mineral claims comprising 8634.5 ha, in the Nelson Mining Division.
- Access to the Jersey-Emerald Property is via Highway 6 between the town of Salmo and the Highway 3 junction to Creston. A network of good quality, gravel mine roads provide excellent access to the centre of the property from Highway 6, which is situated along the west edge of the property.
- The earliest record of exploration in the area dates to 1895 when gossanous outcrops on the south side of Iron Mountain attracted the attention of prospectors. In 1906 lead mineralization was discovered on the Emerald claims. In 1938, tungsten and molybdenite mineralization was discovered in skarn bands at the site of the long abandoned gold workings. In 1942, the Emerald Tungsten Mine was put into production for the war effort by Wartime Metals Corp. Operations were suspended in 1943 when the war demand for tungsten eased. Tungsten concentrate was produced from four zones: the Emerald, Feeney, Invincible and Dodger deposits. Production continued until September 1973 when the mine was closed due to low metal prices and negative economic factors.
- In October of 1993, the property was optioned by Sultan Minerals Inc. Drilling resulted in the discovery of several gold bearing zones in the vicinity of both the Jersey Lead-Zinc Deposit and the Emerald Tungsten Deposit. In 1996, an exploration program consisting of soil and silt sampling, geological mapping, prospecting, rock sampling and diamond drilling was carried out on the property to better delineate mineralized areas identified to date. A total of 3 underground and 13 surface diamond drill holes were completed for a total of 1,707 metres. Exploration on the claims was inactive until market values for molybdenum increased dramatically in 2005.
- A total of 20 underground diamond drill holes and 2 surface drill holes were completed on the property for the exploration of molybdenum in 2005. The 20 underground drill holes were all located within areas of the Dodger Tungsten Mine workings, particularly



the Dodger 4200 Drift North and associated cross-cuts, herein referred to as the Dodger 4200 zone. The 2 surface diamond drill holes were located at distance from the Dodger 4200 zone to the west and north to test for other potential zones of molybdenum mineralization.

- The general geology intersected in this five hole drill program included a thick sequence of dolomite and limestone in contact with argillite, overlying granite at depth. Drilling was successful at intersecting the Jersey Ag-Pb-Zn horizon with grades up to 5.36% zinc over 2.7 feet returned from a sample taken from 193 to 195.7 feet in hole JS07-20. Elevated tungsten values were returned from drill holes JS07-22 and JS07-24, including 6.6 feet of 0.445% W returned from a sample taken between 316.4 and 323 feet in hole JS07-22. Molybdenum values were generally low, ranging from less than 1 ppm, to 192.2 ppm. The highest value was obtained from the granitic rocks intersected between 698 and 709.4 feet in hole JS07-20.
- The results of this five hole drill program indicates potential for both previously unexplored silver-lead-zinc, and tungsten resources on the Jersey property.

## 1.0) INTRODUCTION

This report provides a summary of a five-hole diamond drill program conducted within the Jersey 3 claim on the Jersey-Emerald property, located near to the community of Salmo in south-eastern British Columbia. These five drill holes are part of a larger drill program that was conducted in 2007, and continues into 2008.

## 2.0) PROPERTY DESCRIPTION AND LOCATION

The property is located in south-eastern British Columbia centred at approximate UTM coordinates of 5438700 N and 0484000 E (see Figure 1). The claims are covered by UTM map-sheets 082F004, 005, 014, and 015 within the Nelson Mining Division. The claims are located approximately ten kilometres southeast of the community of Salmo (see Figure 2). The Jersey-Emerald Property covers an area of approximately 30 square kilometres, between the Salmo River on the west and the peak of Nevada Mountain on the east, and is bounded on the north by Sheep Creek and on the south by Lost Creek.

The property consists of a block of 44 crown granted claims (see Table 1) totalling 660.36 ha, and 72 mineral claims (see Table 2) comprising 8634.5 ha, in the Nelson Mining Division (see Figure 2).

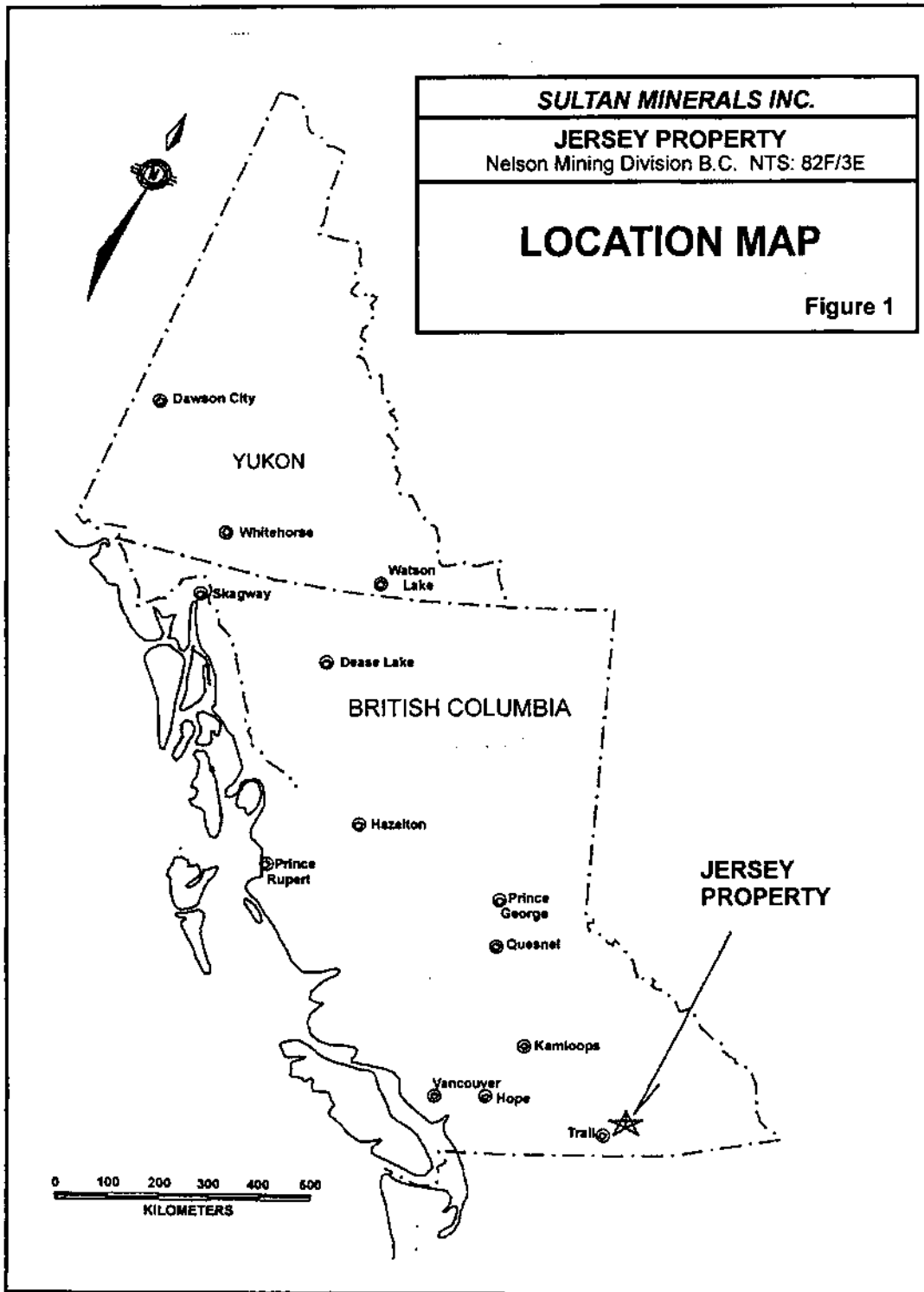
Table 1  
CROWN GRANTED MINERAL CLAIMS

TYPE	CLAIM NAME	TENURE	AREA (ha)
CG	BIG DICK	L 14882	18.790
CG	BRUCE FRACTION	L 14890	1.620
CG	CALCITE	L 14763	9.430
CG	COMET	L 14761	14.420
CG	CONTACT	L 14762	14.860
CG	COPPERFIELD	L 14904	16.610
CG	DODGER	L 12083	19.540
CG	EMERALD	L 9073	20.900
CG	EMERALD FRACTIONAL	L 9074	16.890
CG	GOLD STANDARD	L 9071	20.900
CG	HAL NO. 1	L 15020	20.510
CG	HAL NO. 2	L 15021	20.520
CG	HILLSIDE	L 14881	14.040
CG	JERSEY	L 9070	17.820
CG	KING ALFRED	L 3368	19.270
CG	KING SOLOMAN	L 3369	8.480
CG	LAST CHANCE	L 12116	20.020
CG	MARK TAPLEY	L 12117	18.730
CG	MORNING	L 9075	8.940
CG	PICKWICK	L 12087	18.490
CG	REX FRACTION	L 14889	4.160
CG	ROYAL CANADIAN	L 12115	15.970
CG	SCOTT FRACTION	L 14765	16.490
CG	STAN FRACTION	L 14764	1.450

CG	STANDARD FRACTIONL	L 9072	5.360
CG	SUNSHINE	L 9076	18.790
CG	SUNSHINE NO. 2	L 15033	13.970
CG	VICTOR FRACTION	L 14888	15.480
CG	BONCHER	L 12686	20.900
CG	JUMBO 2	L 12688	18.320
CG	ALFIE	L 15091	20.900
CG	DEN #1 FR	L 15041	20.890
CG	DEN FR	L 15040	13.740
CG	MASTADON	L 1070	20.900
CG	NELLIE J	L 1071	20.900
CG	TUNGSTEN KING	L 15092	15.870
CG	TUNGSTEN KING #1	L 15094	17.180
CG	TUNGSTEN KING #1FR	L 14766	18.280
CG	TUNGSTEN KING #2	L 15093	3.830
CG	TUNGSTEN KING #3	L 15095	11.490
CG	TUNGSTEN KING #4	L 15096	10.140
CG	TUNGSTEN KING #5	L 15097	9.160
CG	TUNGSTEN KING #7	L 15098	18.660
CG	TUNGSTEN KING #8FR	L 15099	6.750
		<b>Total</b>	<b>660.360</b>

**Table 2  
LOCATED MINERAL CLAIMS**

Tenure Number	Tenure Type	Claim Name	Map Number	Good To Date	Area (ha)
233462	RGC	SUMMIT	082F015	2009/DEC/27	25.0
234582	RGC	INVINCIBLE	082F014	2011/MAR/15	25.0
318816	Mineral	JERSEY #4	082F014	2009/DEC/27	500.0
318817	Mineral	JERSEY #2	082F014	2009/DEC/27	500.0
319025	Mineral	JERSEY 1	082F014	2009/DEC/27	500.0
319026	Mineral	JERSEY 3	082F014	2009/DEC/27	500.0
322324	Mineral	BLUE JAY 1	082F004	2009/DEC/27	25.0
322325	Mineral	BLUE JAY 2	082F004	2009/DEC/27	25.0
322326	Mineral	BLUE JAY 3	082F004	2009/DEC/27	25.0
322327	Mineral	BLUE JAY 4	082F004	2009/DEC/27	25.0
322328	Mineral	BLUE JAY #5	082F004	2009/DEC/27	25.0
322329	Mineral	BLUE JAY 6	082F004	2009/DEC/27	25.0
322859	Mineral	LEROY 5	082F014	2009/DEC/27	25.0
322860	Mineral	LEROY 6	082F014	2009/DEC/27	25.0
322861	Mineral	LEROY 7	082F014	2009/DEC/27	25.0
322862	Mineral	LEROY 8	082F014	2009/DEC/27	25.0
324439	Mineral	LOST GOLD	082F004	2009/DEC/27	225.0
325259	Mineral	MV 1	082F004	2009/DEC/27	25.0
325260	Mineral	MV 2	082F004	2009/DEC/27	25.0
325261	Mineral	MV 3	082F004	2009/DEC/27	25.0
325262	Mineral	MV 4	082F004	2009/DEC/27	25.0



325269	Mineral	JERSEY 5	082F004	2009/DEC/27	500.0
325270	Mineral	JERSEY 6	082F004	2009/DEC/27	300.0
329070	Mineral	POSIE 1	082F004	2010/DEC/27	500.0
330364	Mineral	LEROY 9	082F014	2009/DEC/27	25.0
330365	Mineral	LEROY 10	082F014	2009/DEC/27	25.0
330366	Mineral	LEROY NORTH 1	082F014	2010/DEC/27	25.0
330367	Mineral	LEROY NORTH 2	082F014	2010/DEC/27	25.0
330368	Mineral	LEROY NORTH 3	082F014	2010/DEC/27	25.0
330369	Mineral	LEROY NORTH 4	082F014	2010/DEC/27	25.0
330370	Mineral	LEROY NORTH 5	082F014	2010/DEC/27	25.0
330371	Mineral	LEROY NORTH 6	082F014	2010/DEC/27	25.0
330372	Mineral	LEROY NORTH 7	082F014	2010/DEC/27	25.0
330373	Mineral	LEROY NORTH 8	082F014	2010/DEC/27	25.0
331985	Mineral	HANGOVER	082F004	2009/DEC/27	25.0
331986	Mineral	GULLY	082F004	2009/DEC/27	25.0
342202	Mineral	JERSEY #7	082F015	2009/DEC/27	500.0
342203	Mineral	JERSEY #8	082F015	2009/DEC/27	400.0
347849	Mineral	SUMIT 1	082F015	2009/DEC/27	25.0
347850	Mineral	SUMIT 2	082F015	2009/DEC/27	25.0
347851	Mineral	SUMIT 3	082F015	2009/DEC/27	25.0
347852	Mineral	SUMIT 4	082F015	2009/DEC/27	25.0
348168	Mineral	J1	082F015	2007/DEC/27	25.0
348169	Mineral	J2	082F015	2007/DEC/27	25.0
348170	Mineral	J3	082F015	2007/DEC/27	25.0
348171	Mineral	J4	082F015	2007/DEC/27	25.0
348172	Mineral	J5	082F014	2007/DEC/27	25.0
348173	Mineral	J6	082F015	2009/DEC/27	25.0
348174	Mineral	J7	082F015	2009/DEC/27	25.0
348175	Mineral	J8	082F015	2009/DEC/27	25.0
348176	Mineral	J9	082F015	2009/DEC/27	25.0
348177	Mineral	J10	082F015	2009/DEC/27	25.0
348178	Mineral	J11	082F015	2009/DEC/27	25.0
348179	Mineral	J12	082F015	2009/DEC/27	25.0
348180	Mineral	JERSEY 9	082F015	2009/DEC/27	400.0
348181	Mineral	JERSEY 10	082F015	2009/DEC/27	500.0
348182	Mineral	JERSEY 11	082F015	2009/DEC/27	500.0
348183	Mineral	JERSEY 12	082F015	2009/DEC/27	450.0
349449	Mineral	J-13	082F004	2009/DEC/27	25.0
349450	Mineral	J-14	082F004	2009/DEC/27	25.0
349451	Mineral	J-15	082F004	2009/DEC/27	25.0
349452	Mineral	J-16	082F004	2009/DEC/27	25.0
349453	Mineral	J-17	082F004	2009/DEC/27	25.0
349901	Mineral	JERSEY 13	082F015	2009/DEC/27	450.0
349902	Mineral	JERSEY 14	082F015	2009/DEC/27	450.0
349903	Mineral	J 18	082F015	2009/DEC/27	25.0
349904	Mineral	J 19	082F015	2009/DEC/27	25.0
349905	Mineral	J 20	082F015	2009/DEC/27	25.0

349906	Mineral	J 21	082F015	2009/DEC/27	25.0
349907	Mineral	J 22	082F015	2009/DEC/27	25.0
349908	Mineral	J 23	082F015	2009/DEC/27	25.0
518176	Mineral	ART 1	082F	2007/JUL/22	84.5
				TOTAL	8634.54

In October of 1993, the Company entered into an option agreement with Lloyd Addie and Robert Bourdon, whereby the Issuer acquired an option to purchase a 100% interest in the Jersey Claim Group near Salmo, British Columbia, for consideration of 200,000 shares of the Issuer and cash payments totaling \$43,389. The claims overlie the former Jersey and Emerald lead, zinc and tungsten mines operated by Placer Dome from 1947 to 1973.

The Company's interest in the Jersey Emerald property is subject to a 3% NSR, which can be reduced to 1.5% by making additional cash and share payments totaling \$500,000 and 50,000 shares on completion of a positive feasibility study. The property is subject to an advance royalty payment that was due to commence on October 2000. In October 2000 an amendment to the agreement extended the start of the royalty payments to 2004 and in October 2004 a second amendment extended the start of the royalty payments to 2009. In consideration, 400,000 common shares were issued to the royalty holders.

In May 2005, the Company entered into a purchase agreement to acquire the Invincible Tungsten Mine property, covering an area of 25 hectares. Sultan will purchase the property from the Seller for a cash payment of \$3,000 and 9,000 common shares of Sultan common stock and will acquire a 100% right, title and interest in and to the property, subject to a 2% Net Smelter Return royalty ("NSR"), which Sultan may, at its discretion, reduce to a 0.5% NSR by the payment of \$150,000 to the Seller after the completion of a positive feasibility study; and an Annual Advance Royalty Payment of \$3,000, which will commence in year 2010. The Invincible Mine property is located within the Jersey Emerald property boundary.

The optioned property is comprised of 28 crown granted mineral claims, 4 two-post claims and 80 mineral units encompassing approximately 1,700 hectares in the Nelson Mining Division. The property has since been expanded by staking, optioning and purchasing additional claims and now includes 47 crown granted mineral claims, 60 two-post claims and 278 mineral units in 15 four-post claims.

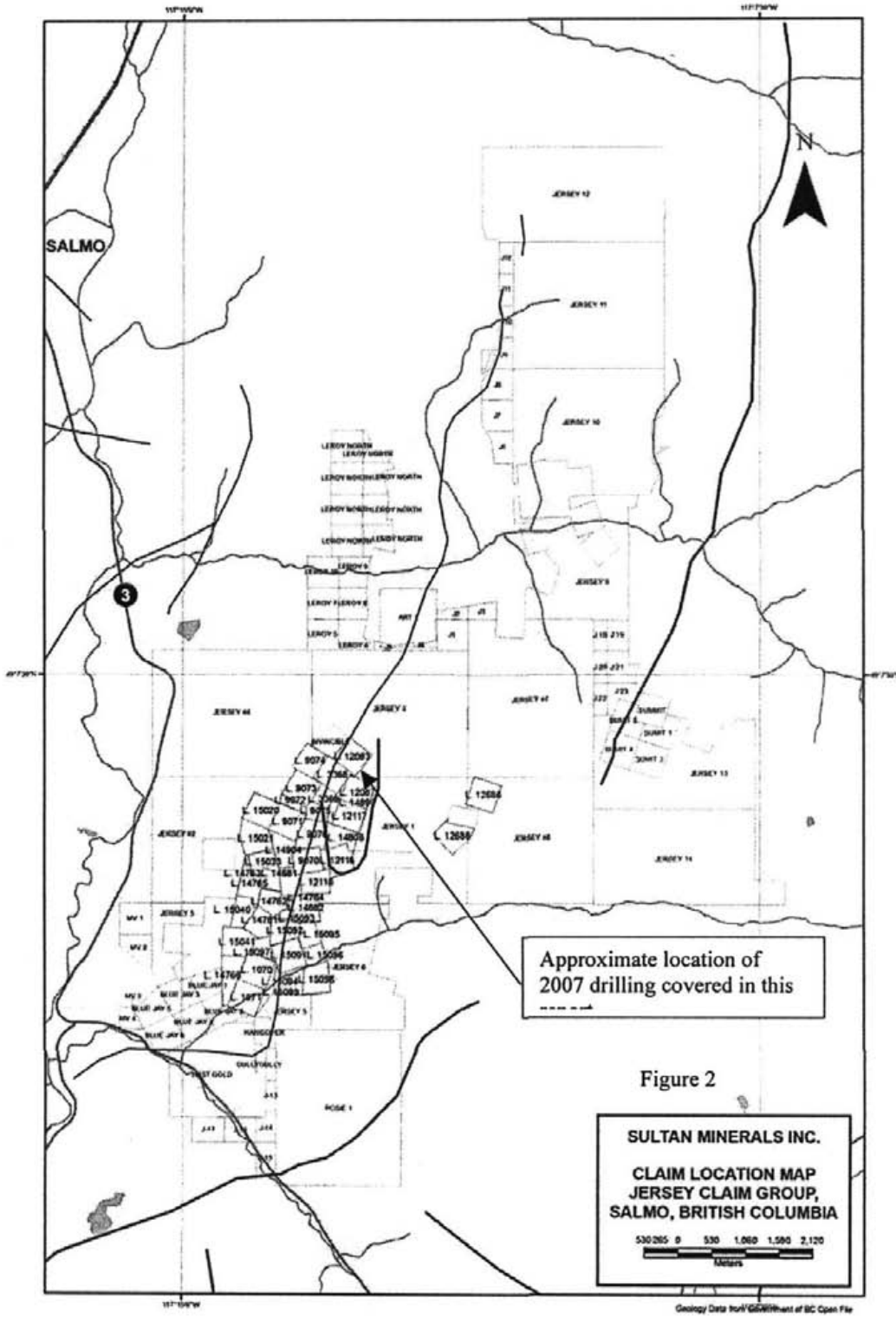


Figure 2

**SULTAN MINERALS INC.**  
**CLAIM LOCATION MAP**  
**JERSEY CLAIM GROUP,**  
**SALMO, BRITISH COLUMBIA**

530 265 0 530 1,060 1,590 2,120  
 Meters

There are no other pre-production royalties, back-in rights or other agreements or encumbrances to these claims with respect to Sultan's option right to them known to the author. There are no environmental liabilities existing on the property.

### **3.0) ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

Access to the Jersey-Emerald Property is via Highway 6 between the town of Salmo and the Highway 3 junction to Creston (see Figure 3). A network of good quality, gravel mine roads provide excellent access to the centre of the property from Highway 6, which is situated along the west edge of the property.

Salmo enjoys a pleasant summer climate with August temperatures averaging 25°C and moderate precipitation. Winter temperatures average -10°C in January with moderate snowfall. Total annual precipitation is on the order of 750 millimetres of moisture with much of this falling during the rainy season from April to June. The property is not in a heavy snow belt but up to four feet or more can be expected at the mine site during the winter months. Snow free conditions at higher elevations can be expected from late April to early November. Access to the property can be attained for year-round exploration.

The Highway 6 corridor carries a power line and rail bed. Teck Cominco Trail Smelter facility is located about 45 minutes drive south of the property. Crew lodgings are available in Nelson or Salmo. A skilled labour force for mining and exploration is available in Nelson, Salmo, Trail and Castlegar. Trail, Nelson and Castlegar are also major supply and service centres for resource industries.

The property is situated in the rugged mountainous physiographic division known as the Selkirk Mountains. In the vicinity of the claims relief is on the order of 1200 metres (4000 feet) between Salmo Creek in the valley bottom at 600 metres (2000 feet) and the crest of Nevada Mountain at 1860 metres (6100 feet). Slopes vary from rolling within the centre of the claims to moderately steep along the east and west margins. Preliminary inspection of topography indicates that there are numerous areas for development of infrastructure required for mining and milling within the claims.

Much of the area has been logged or burned previously and vegetation consists of small diameter stands of larch, balsam, fir, jackpine and mountain alder. In many areas second growth vegetation is extremely dense making movement through the forest difficult. Several areas of extensive outcrop occur over and immediately north of the Jersey mine site but much of the property is covered by a veneer of glacial till. Till cover varies in thickness, from less than one metre on the slopes to more than 20 metres in valley bottoms.



# JERSEY-EMERALD PROPERTY SALMO, BRITISH COLUMBIA

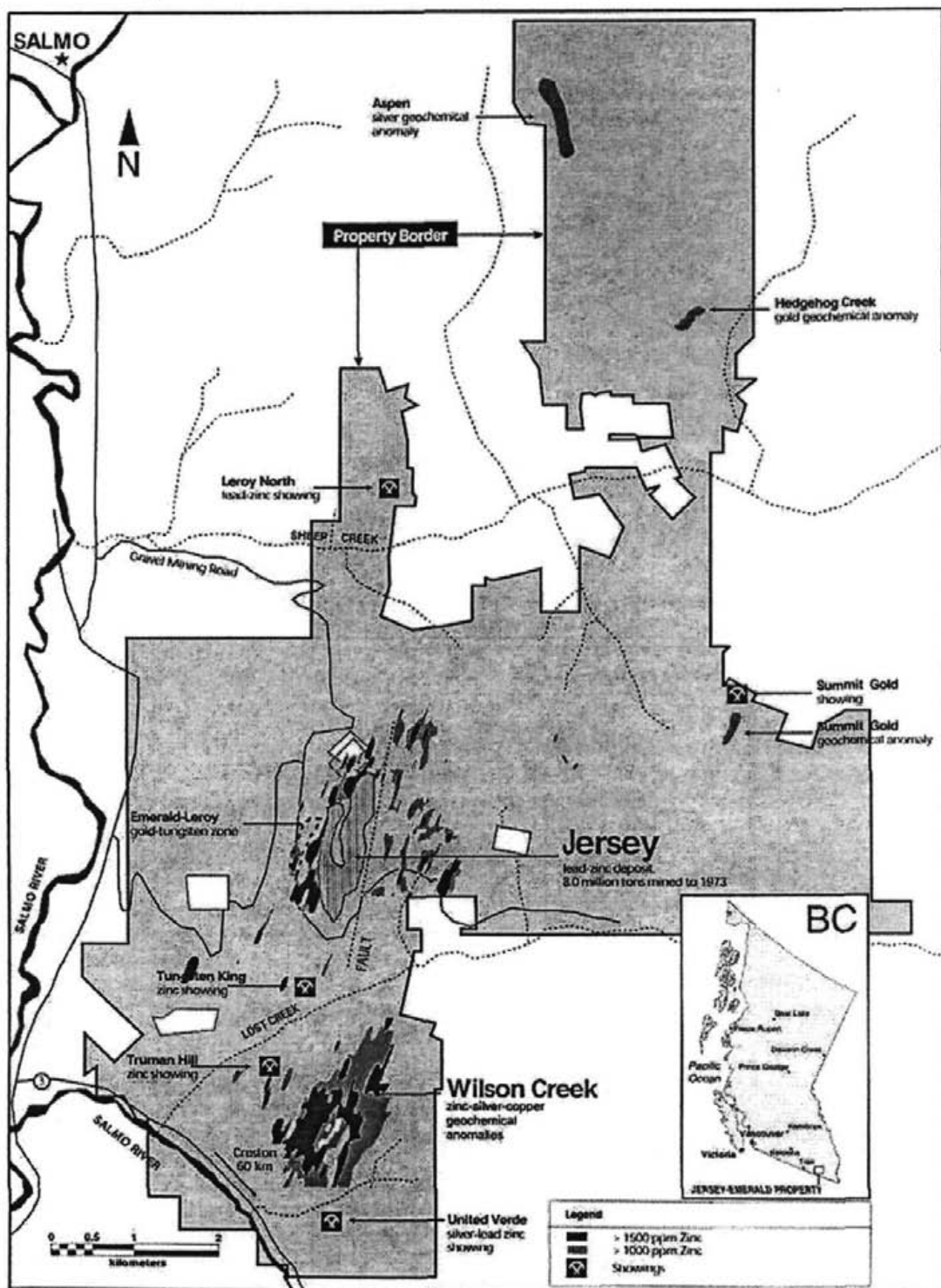


Figure 3: Location Map showing exploration and mining zones on the Property

## 4.0) HISTORY

The earliest record of exploration in the area dates to 1895 when gossanous outcrops on the south side of Iron Mountain attracted the attention of prospectors. The area was initially explored for gold and the 1896 Minister of Mines Report states that assays as high as \$70.00 per ton in gold (about 3.5 oz/t or 100 g/t) were obtained from the area.

Prospecting continued and in 1906 lead mineralization was discovered on the Emerald claims. Several small, high grade ore shipments were made and in 1910 Iron Mountain Ltd. was formed by Pacific Coast Steel of San Francisco to develop the property. A 25 ton mill was erected in 1919 and operated until 1926 when low metal prices forced closure. In 1934 the mill was destroyed by a major forest fire.

In 1938, tungsten and molybdenite mineralization was discovered in skarn bands at the site of the long abandoned gold workings on the Emerald, Emerald Fraction and Gold Standard claims. In 1942, the Emerald Tungsten Mine was put into production for the war effort by Wartime Metals Corp., a Federal Government Agency. Operations were suspended in 1943 when the war demand for tungsten eased.

The property remained inactive until 1947 when Canadian Exploration Ltd. (later Placer Dome Ltd.) purchased the property of Iron Mountain Ltd. Placer Dome eventually purchased the government held tungsten reserves and tungsten mill in 1952. Tungsten production recommenced in 1947 and lead-zinc production began in 1949. Lead-zinc concentrate was produced from two zones: the Jersey and the Emerald Lead-Zinc Deposits. Tungsten concentrate was produced from four zones: the Emerald, Feeney, Invincible and Dodger deposits. Production continued until September 1973 when the mine was closed due to low metal prices and depleted lead, zinc and tungsten reserves. Over the mine life 7,968,080 tons of lead-zinc ore grading 1.95% Pb and 3.83% Zn, and 1,597,802 tons of tungsten ore grading 0.76% WO<sub>3</sub> were mined and milled.

In 1979 Mentor Exploration Ltd carried out a diamond drill program to explore the south extension of the Emerald Shaft tungsten zone. This work encountered favourable geology but the target zone was found to be too deep and too narrow to be adequately tested by surface drilling.

In 1981 Mentor Exploration Ltd completed a five hole diamond drill program totalling 1,070 metres to test for molybdenum mineralization in the Emerald stock area. This work provided valuable information on the nature of the intrusive in this area, being the deepest testing carried out to that time. However, no economic zones of molybdenite were encountered.

In 1990, the property was sold to Nu-Dawn Resources Inc. who in 1993 sold it to Lloyd Addie and Bob Bourdon, both of Nelson, B.C. In 1993, Addie and Bourdon found that fine particles of free gold could be panned from the tungsten tailings. A prospecting and lithochemical sampling program was therefore initiated over the known tungsten zones. This work led to the discovery of significant bedrock gold values in the vicinity of the Jersey and Emerald zones.

In October of 1993, the property was optioned by Sultan Minerals Inc. Sultan undertook an exploration program that entailed ground and airborne geophysical surveys, prospecting and rock chip sampling. This work led to the identification of several targets believed to have potential for gold mineralization.

During the winter of 1994-95 an eleven hole (1,324 metres) diamond drill program was undertaken by Sultan to follow up targets identified by the previous work. Drilling resulted in the discovery of several gold bearing zones in the vicinity of both the Jersey Lead-Zinc Deposit and the Emerald Tungsten Deposit. The drilling also intersected a lead-zinc zone situated 55 metres below the former Jersey Lead-Zinc Deposit.

In 1996, an exploration program consisting of soil and silt sampling, geological mapping, prospecting, rock sampling and diamond drilling was carried out on the property to better delineate the mineralized areas identified by Sultan. A total of 3 underground and 13 surface diamond drill holes were completed for a total of 1,707 metres. Drilling was designed to test the gold potential of the Bismuth-Gold zone, Emerald Gold zone, Leroy Gold zone and the lower lead-zinc horizon. Three drill holes were completed to the east of the mine area to test an anomalous multi-element geochemical zone delineated from surface exploration, called the East Ridge zone.

Exploration on the claims was inactive until market values for molybdenum increased dramatically in 2005. With the improved molybdenum prices, Sultan Minerals conducted exploration for molybdenum focussing on the Dodger Mine area where mine records indicated the presence of molybdenite.

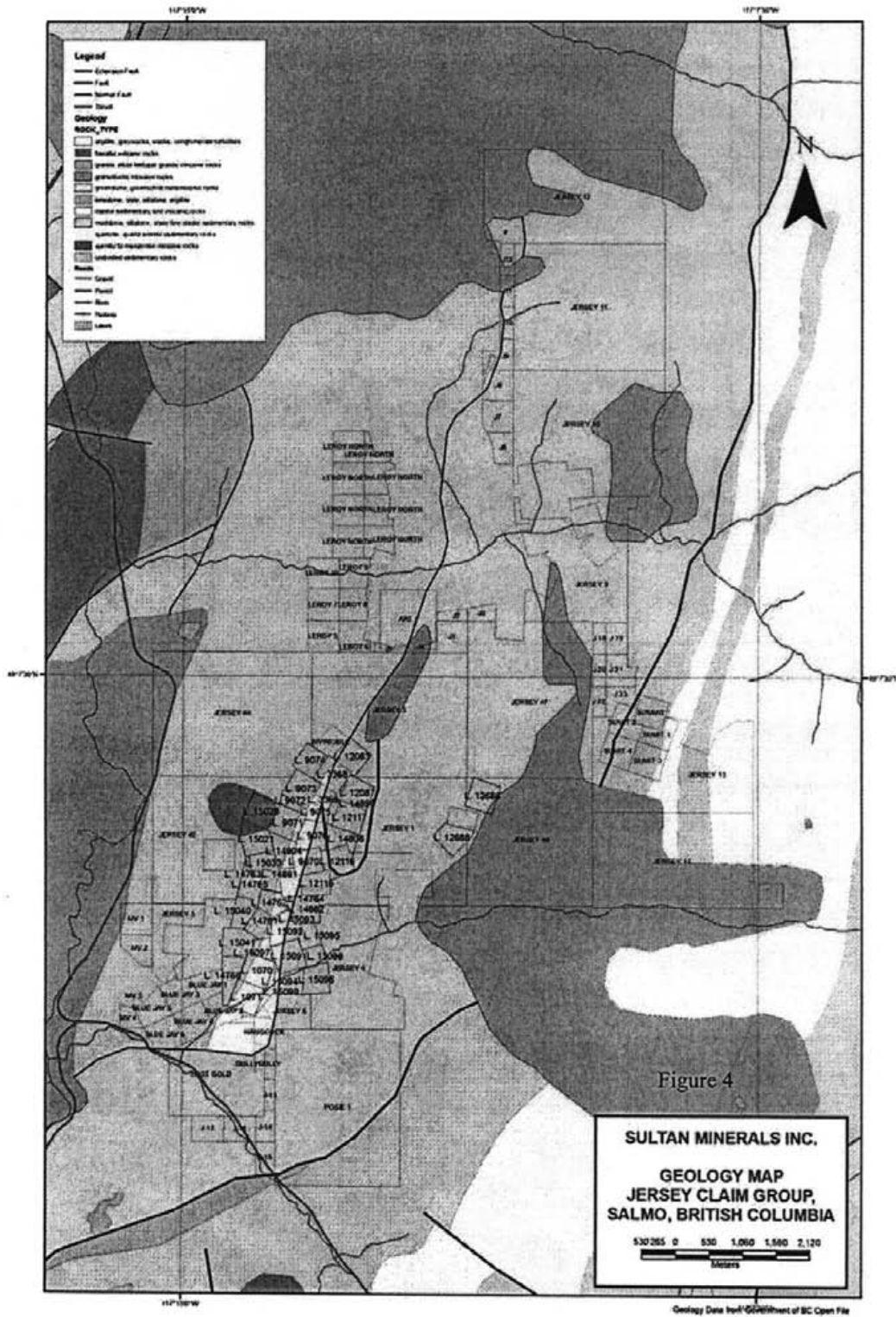
## **5.0) GEOLOGICAL SETTING**

### **5.1 Regional Geology**

The Jersey Emerald property lies near the south end of the Kootenay Arc and is underlain by rocks of the Cambrian Laib Formation (CmL) and the Ordovician Active Formation (OA). The Laib Formation is comprised of mixed carbonates and pelites that have been subdivided into the Truman Member brown argillites, the Emerald Member black argillites and the Reeves Member limestones (see Figure 4).

The eastern part of the property has historically been mapped as a much younger (Ordovician) Active argillite, however recent work by the Company indicates that the contact may in fact be conformable and that the Active Formation appears to be geochemically identical to the Laib Formation Emerald Member black argillites.

The sedimentary formations are intruded by granitic dykes, sills and bodies mapped as Cretaceous Granite (Hoy and Dunne, 1997).



## 5.2 Local and Property Geology

The property is underlain by rocks of the Cambrian Laib Formation. This is a sequence of transitional rocks comprised of mixed carbonates and pelites (Little, 1960). In the vicinity of the property the Laib Formation has been further subdivided into the Truman Member, comprised of interbedded thin grey and white, locally dolomitic limestone; the Emerald Member, a black argillite unit; and the Upper Laib Formation, comprised of green phyllite and micaceous quartzites.

The sedimentary rocks are intruded by small plugs, dykes and sills of Cretaceous granite. The sedimentary rocks that are in contact with the granitic bodies are typically skarnified, resulting in a variety of skarn rocks ranging from re-crystallized coarse grained marble to garnet-pyroxene bearing skarn.

The Laib Formation has been deformed by three phases of folding all at least of local significance. Within the mine area structure is dominated by a major north-northeast trending anticline known locally as the Jersey anticline.

Three small stock-like bodies of Cretaceous biotite granite, elongate parallel with the local foliation, intrude the Jersey anticline and locally cut the ore-zones near the Jersey mine. From south to north these are the Jersey, Emerald and Dodger stocks. Potassium-argon age dates obtained from biotite from the Dodger stock give a date of 100.0 +/- 3.0 million years. One kilometre west of the Jersey mine the Laib sediments are intruded by a small circular body of Tertiary, augite monzonite referred to as the Salmo River stock. Biotite from this stock gave a potassium-argon age of 50.6 +/- 1.5 million years.



## **6.0) DEPOSIT TYPES**

### **6.1 Lead Zinc Deposits**

Lead-zinc deposition on the Property is located mostly within the Reeves member dolomites. The deposits have been categorized as primary bedded Irish-Style Sedimentary Exhalative (SEDEX) deposits. Some zones within the deposits also display aspects indicative of replacement deposition within limestone.

### **6.2 Tungsten Deposits**

Tungsten mineralization has been discovered in two distinct environments. The first is skarn style mineralization where granitic intrusions contact the limestone. The second is in favourable zones within the Truman member as stratabound disseminate mineralization.

### **6.3 Gold Deposition**

Gold values have been obtained from areas historically mined for tungsten. Work by Sultan minerals indicated that the gold is believed to be skarn-related, occurring in silicified horizons with pyrite, pyrrhotite, arsenopyrite, stibnite and native bismuth.

### **6.4 Molybdenum Porphyry**

At different periods during exploration and development of lead-zinc and tungsten deposits on the property, quartz stockwork veining and alteration zones suggested the potential for gold mineralization within the granites underlying the existing mined areas. As well, mapping of underground headings and sampling of diamond drill core during mining operations indicated the presence of molybdenite within these porphyry-style veined zones. Based on these positive indicators, in 2005 and 2006 exploration focused on molybdenum including diamond drilling within the Dodger zone.

## **7.0) MINERALIZATION**

Mineralization on the Jersey property is associated with the east limb of a complex major anticlinal structure referred to locally as the Jersey anticline and regionally as the Salmo River anticline. The HB lead-zinc mine located four kilometres to the north and the Reeves MacDonald lead-zinc mine located ten kilometres to the south are also associated with this major structure.

Several zones of significant and often very different mineralization have been identified on the property. Historically mined areas produced lead-zinc and tungsten, with known areas of high molybdenum, gold, bismuth, arsenic, copper, silver, cadmium and barium. Work done by Sultan Minerals outlined numerous mineralized zones that are discussed below, along with the historically known mineralized zones.

### **7.1 Lead Zinc Zones**

#### **Jersey Lead-Zinc Deposit**

The Jersey lead-zinc deposit occurs in dolomite near the base of the Reeves limestone member. Five ore bands, ranging in thickness from 0.3 to 9.0 metres were mined. These bands in order of stratigraphic sequence are: 1) upper lead band; 2) upper zinc band; 3) middle zinc band; 4) lower zinc band; 5) lower lead band. The five ore bands are locally very close together and in the A Zone frequently have been mined as a unit up to 24 metres thick. Ore mineralization consists of fine-grained sphalerite and galena with pyrite, pyrrhotite and minor arsenopyrite. Cadmium is associated with the sphalerite and silver with galena. Iron content of the sphalerite is low, about 6%. The overall grade for the 7,968,080 tons milled averaged 3.83% zinc and 1.95% lead. Mining ceased in 1970 with unmined reserves of 106,000 tons grading 3.10% zinc and 0.80% lead.

#### **Emerald Lead-Zinc Deposit**

The Emerald lead-zinc deposit is located immediately to the north of the Jersey lead-zinc deposit, along the same host structure. Mineralization in the Emerald lead-zinc mine consists of banded limestone and dolomite of the Reeves Member hosting stratabound lead and zinc bands.

### **7.2 Gold Zones**

#### **Bismuth Gold Zone**

The Bismuth Gold Zone (known in the underground workings as part of the F zone) is located along the east side of the Jersey lead-zinc deposit at the contact between the Reeves limestone and the underlying Reeves dolomite. Gold mineralization was initially recognized here in 1963 when Placer Dome obtained 0.12 oz/t (3.4 g/t) gold from four samples assayed from an extensive native bismuth and arsenopyrite bearing zone. The zone was intersected while exploring the Jersey lead-zinc deposit and the underlying East Dodger tungsten zone. The zone was rediscovered in 1993 by the present property owners while inspecting Placer Dome drill logs. The gold mineralization, believed to be



skarn-related, occurs in a silicified horizon with pyrite, pyrrhotite, arsenopyrite, stibnite and native bismuth. Underground samples assay up to 0.28 oz/t (8.0 g/t) gold across widths of 96.0 centimetres. Placer Dome drill logs suggest that this siliceous zone may be 20 metres or more in thickness. It was intersected in four surface drill holes along a strike length of 300 metres.

### **#1 Zone**

The #1 Zone is located in the area of the 1994 diamond drill holes DDH94-1 and 2. This zone is located along the contact of the Reeves limestone and the Emerald argillite members where they trend south from the Emerald Tungsten open pit mine.

A series of small to large pits and trenches trend for 300 metres along the limestone-argillite contact. In the workings, rusty banded sulphide mineralization occurs with iron oxides (limonite and goethite) and coarsely recrystallized limestone. Sulphide mineralization occurs as massive pyrrhotite bands, which return high values for arsenic, copper and zinc, with minor gold, silver and molybdenum.

### **Emerald Gold Zone**

The Emerald gold zone was first recognized in 1895 and may be coincident with the Emerald tungsten zone. The zone was prospected for gold from 1895 to 1906 and assays up to 3.5 oz/t (100.0 g/t) were reported. After the lead-zinc potential of the property was recognized in 1906 and later with the discovery of the tungsten mineralization over this area the gold potential of this zone was not explored. The zone was rediscovered in 1993 when the current property owners found that free gold could be panned from the tungsten tailings. Gold mineralization has been found to be associated with the quartz and pyrrhotite rich sections of the skarn and sulphide-type tungsten zones.

The Emerald gold zone occurs along the contact with the Reeves limestone and Emerald argillite, and trends from the Emerald Tungsten deposit towards the #1 Zone. These three areas may actually represent mineral zonations grading away from the Emerald Stock.

### **Leroy Gold Zone**

The Leroy gold zone is located approximately one kilometre north of the Emerald gold and tungsten zones. Gold mineralization was discovered here in the late 1890's and the zone was explored with a series of pits, adits and hand trenches along an 800 metre strike length. Gold exploration ceased with the discovery of lead-zinc in 1906.

Over the Leroy zone gold mineralization is associated with pyrrhotite, pyrite and native bismuth in a silicified horizon at the contact between the Reeves limestone member and the Emerald argillite member. Recent sampling of this zone gave gold grades up to 0.898 oz/t (25.5 g/t) from grab samples and up to 0.174 oz/t (4.8 g/t) across a true width of 3.0 metres for chip samples.

### **ABC Zone**

The ABC zone occurs just to the east of the Jersey and Dodger underground workings along the Iron Mountain Fault. This major fault structure represents the contact of the Ordovician Active Formation argillites with the Cambrian Reeves Member limestones.

Anomalous samples were collected from slices of pyritic garnet-diopside skarn bands entirely within Active Formation argillite, but adjacent to the Reeves limestones. Rusty, limonitic, decomposed argillite(?) with minor quartz stockworking is found on the west side of the skarn banding. Sulphide mineralization is confined to pyrite within the skarn bands, with limonite occurring adjacent to this unit. Assays indicate the presence of high arsenic and minor gold, molybdenum and lead values.

### **7.3 Tungsten Zones**

#### **Dodger Tungsten Deposit**

Near the Jersey Lead-Zinc Mine, skarn-type tungsten mineralization occurs where the Cretaceous intrusions are in contact with either of the calcareous Truman or Reeves members. Tungsten was mined from two distinct zones on the property: The Dodger zone located along the east side of the Jersey lead-zinc deposit; and the Emerald zone comprised of the Emerald, Feeney and Invincible deposits located along the west side of the lead-zinc deposit.

The Dodger tungsten skarn deposit is comprised of three zones with finely disseminated scheelite grains in light brown to green garnet-diopside skarn. The conformable deposit occurs in a skarnified limestone unit near the top of the Truman Member. The mineralized zones are separated by a tongue of granite believed to be an appendage of the Dodger Stock.

In this deposit, scheelite is accompanied by pyrrhotite, biotite, quartz, molybdenite and minor powellite. The ore zones range from 2.0 to 9.0 metres in width and average 3.0 metres.

The Dodger tungsten zone was mined intermittently from 1951 to 1973 and averaged 0.56%  $WO_3$  for 521,023 tons of production. Production ceased in 1973 leaving unmined reserves of 42,500 tons grading 0.45%  $WO_3$ . During the final year of operation extensive reserves of low grade ore were found to the north and south of the East Dodger deposit. These reserves were not developed due to low tungsten prices.

#### **Dodger "D" Zone**

The Dodger "D" Zone is represented by a series of pits and trenches located along the contact of the Dodger Stock and skarnified Truman Member argillites. This zone is located about 300 metres southwest of the Dodger 4400 Adit.

In the vicinity of the workings, the Dodger Stock is pegmatitic, consisting entirely of white quartz and feldspar phenocrysts up to 15 centimetres diameter. The workings are located within very rusty, skarn banded Truman Member sediments. Visible mineralization consists of massive to disseminated and banded pyrrhotite, pyrite, bismuth, molybdenite, and chalcopyrite, with assays also indicating the presence of gold, zinc, and tungsten.

## **Emerald Tungsten Deposit**

The Emerald tungsten deposit occurs along the contact between the Reeves limestone member and the Emerald argillite member, located along the west side of the Emerald stock. Within the deposit four distinct types of mineralization are recognized: skarn, sulphide, greisen, and quartz ores. The skarn-type of ore occurs mainly along or near the limestone argillite contact. It consists of garnet, diopside, calcite and quartz with lesser amounts of pyrrhotite, pyrite, scheelite and molybdenite. The sulphide-type of ore, consisting of pyrrhotite, calcite, biotite and scheelite, is often spatially associated with the skarn mineralization and consists of irregularly shaped "replacement" bodies in limestone and dolomite. Locally quartz, pyrite, molybdenite and chalcopyrite may be present. The greisen-type of ore occurs in altered granite and extends up to 12 metres into the granite from the limestone contact. The ore consists of potash feldspar - in some places completely kaolinized, abundant quartz, sericite, pyrite, tourmaline and scheelite. Locally, calcite, ankerite, apatite, pyrrhotite or molybdenite may be present. The quartz-type ore in many places grades into greisen. It consists of silicified limestone cut by numerous veins of quartz with ankerite, scheelite, minor molybdenite and apatite. The veins are enveloped by disseminated mineralization comprised of scheelite, pyrite, pyrrhotite and tremolite.

Scheelite is the main tungsten mineral but minor powellite and wolframite was also recovered. Most of the scheelite ore was recovered from lenticular skarn zones developed along the contact between the Emerald argillite and the Reeves limestone.

The Emerald tungsten zone was mined intermittently from 1943 to 1973. Grades ranged from 0.5 to 1.5%  $WO_3$  and averaged 0.86%  $WO_3$  for the entire 1,076,799 tons of production. Mining ceased in 1973 due to low tungsten prices leaving recoverable reserves of 34,800 tons grading 0.73%  $WO_3$ . Potential is believed to exist north of the Invincible and south of the Emerald deposits but due to low tungsten prices there was no incentive to explore and develop these potential reserves.

## **East Emerald Tungsten Zone**

The East Emerald Tungsten Zone, is located about 300 metres southwest of the Dodger 4400 Adit and approximately 100 metres stratigraphically above the Invincible Tungsten Deposit. Also referred to as the Dodger "D" Zone, it is represented by a series of pits and trenches located along the contact of the Dodger Stock and two parallel skarnified Truman Member argillite bands, each about 10 metres in thickness. Evidence of the potential for Dodger-type mineralization was provided in historic drilling to the north and east of the Emerald and Invincible mines. This stratabound mineralization is in the stratigraphically higher metamorphosed Truman rocks. Twenty four (Wartime Metals) and sixteen (Canex) historic drill holes were completed through this zone, herein termed the East Emerald Zone. Drilling into this zone encountered tungsten-skarn mineralization adjacent to and distant from the granitic contact similar to that historically mined in the Dodger Tungsten deposit to the east. In 2006 Sultan Minerals completed a four hole drill program into this mineralized zone in order to verify the presence of the reported tungsten grades and the widths of mineralization. A preliminary assessment of the potential of this zone is covered in this report.

These tungsten-bearing horizons have been shown by historical drilling and surface sampling to be more than 1,100 metres long and to extend up to 300 metres down dip. Drill logs show that the zone ranges from 4.0 feet (1.2 metres) to more than 60.0 feet (20.0 metres) in thickness with tungsten assays varying from less than 0.10% WO<sub>3</sub> to greater than 0.28% WO<sub>3</sub>.

In the vicinity of the workings, the Dodger Stock is pegmatitic, consisting entirely of white quartz and feldspar phenocrysts up to 15 centimetres in diameter. The workings are located within very rusty, skarn banded Truman Member sediments. Visible mineralization consists of massive to disseminated and banded pyrrhotite, pyrite, bismuth, molybdenite, and chalcopyrite, with assays also indicating the presence of gold, zinc, and molybdenum with the tungsten.

### **Invincible Tungsten Deposit**

The Invincible Tungsten Deposit is adjacent to the western margin of the Late Jurassic Dodger stock where it transects flat-lying beds of the Reeves Member limestone of the Lower Cambrian Laib Formation. The deposit lies 1,500 metres northeast and along strike, but on the east side of the Emerald granite stock from the Emerald tungsten deposit.

The orebody is bounded above and below by skarn and argillite of the Truman and Emerald members of the Laib Formation respectively. Most of the scheelite occurs in lenticular zones that extend at a high angle from the granitic stock, more or less conformable with layering of the host rocks. The scheelite occurs as fine, disseminated grains within garnet-diopside skarn and is accompanied by pyrite, pyrrhotite, minor powellite and traces of molybdenite and wolframite. Quartz is common in zones of mineralized granite.

The ore zone extends up to 24 metres from the stock, and may be more than 3 metres thick in places. The zone lies about 260 metres below surface and produced 256,480 tonnes of 0.65 per cent WO<sub>3</sub> from 1970 to 1973 (Geology, Exploration and Mining in British Columbia 1973, pages 54-57).. The northern extension of the Invincible mine remains untested.

### **Feeney Tungsten Deposit**

The Feeney tungsten deposit is located on the east side of the Emerald granitic stock along strike to the north of the Emerald mine and south of the Invincible mine. The zone forms a relatively shallow ore body within the Lower Cambrian Laib Formation along the granite-limestone contact between the Reeves Member limestone and Emerald Member argillite.

The mineralization consists of scheelite with minor powellite, rare wolframite and traces of molybdenite in a green and brown garnet-diopside skarn containing augite, actinolite, epidote, pyrrhotite and quartz. Most of the scheelite occurs as fine, disseminated grains in lenticular skarn zones which extend from the granite contact out into the limestone-argillite country rock conformable to bedding. The skarn zones are up to 6 metres long and average about 2 metres in width. Grades are about 0.5 to 1.5 per cent tungsten. The Feeney mine operated between 1951 and 1955 and produced about 54,000 tonnes of ore averaging 0.92% WO<sub>3</sub> (Bulletin 41, page 119).

## **7.4 Molybdenum Zones**

### **Dodger Zone**

Molybdenum mineralization was noted in several areas within the historic Jersey, Dodger, Invincible, Emerald and Feeney mine workings. Follow-up work during 2000 to 2005 field seasons indicated that the most readily accessible area for initial molybdenum exploration is within the Dodger 4200 mine workings. These workings were found to be in good condition where access drifts were completed during the historic mining for tungsten. Mapping of the drifts indicated that the granitic rock that underlies the Dodger-type skarn tungsten mineralization contains porphyry style quartz veining with molybdenite mineralization.

Exploration of the molybdenum-bearing porphyry system, along the margin of the historic Dodger East Tungsten zone, revealed a stockwork of quartz veining and fractures with molybdenite. The general orientation of fractures and quartz veins was found to be cross-cutting north-south and east-west, with steep dips. Several high grade molybdenite zones were intersected, including 1% to 3% Mo over short widths of 3 to 5 feet (0.9 to 1.5 metres). The 20 hole drill program completed during the 2005 field season indicated the potential for larger volumes of lower grade molybdenum containing short sections of higher grade material. The current resource calculation summarized in this report has been undertaken to further assess this zone.

### **East Zone**

During the 1995 field season, a large mineralized zone was discovered to the east of the previous workings entirely within the Ordovician Active Formation argillites.

An anomalous area trending north-south for two kilometres and up to one kilometre wide contains significant copper, zinc, silver, barium and molybdenum values in soils. The black, shaly argillites are cross-cut by quartz stringers in many areas, but mineralization is believed to be hosted within the argillite beds.

### **Posie Zone**

The Posie claim occurs to the south of the Jersey lead-zinc mine, on the south side of Lost Creek. Preliminary work done on this claim in 1995, returned anomalous metal values from soil samples.

The Posie mineralized zone occurs within Ordovician Active Formation argillites with inter-fingered limestones of the Lower Cambrian Reeves Member in the north. The limestone tends to be skarnified in some areas, while other areas have the appearance of fresh limestone but are completely silicified. A zone of anomalous soil sample results trends from Lost Creek south-southwest for over one kilometre, roughly following the argillite-limestone contact. Along this zone, soil samples are highly anomalous in copper, silver, zinc, cadmium and barium, with scattered elevated values for gold, tungsten and molybdenum .

## 8.0) EXPLORATION CONDUCTED IN 2007

Sultan Minerals Inc completed a program of diamond drilling over much of the Jersey Property, primarily exploring for tungsten and molybdenum. A total of 61 diamond drill holes were completed during this program. Five of these drill holes were completed within the Jersey 3 claim. Only those five diamond drill holes are summarized within this report. The five drill holes totalled 741 metres (2,430 feet) of diamond drilling. These drill holes were designed to test for molybdenum mineralization to the east, along the apparent trend, of mineralization encountered in the 2005-06 underground diamond drilling program within the Dodger 4200 zone. The drilling also intersected the Jersey lead-zinc horizon, and tested for tungsten mineralization marginal to the East Dodger mine.

The drilling program was managed by Ed Lawrence, P.Eng, and was monitored by Perry Grunenberg, P.Geo, the acting qualified person for the project. Perry Grunenberg has also been involved in documenting periodic reports in the form of letters and news releases regarding the Jersey-Emerald property and the Dodger 4200 Moly zone.

## 9.0) DRILLING

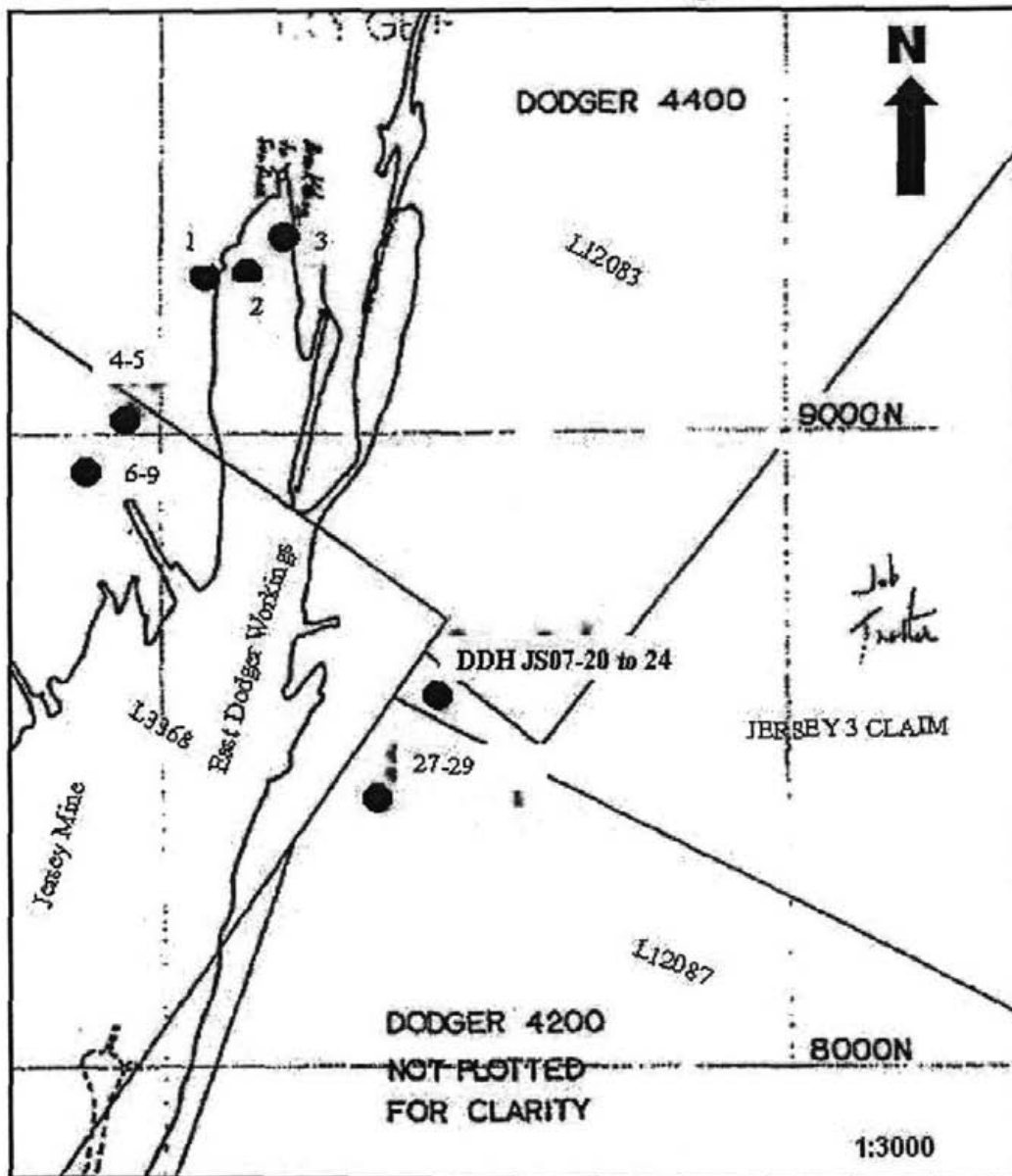
Sultan Minerals contracted Critchlow Diamond Drilling of Salmo, BC to complete the 5-hole diamond drill program on the Jersey 3 claim. Critchlow Drilling utilizes a "Discovery-1" diamond drill manufactured by Multi-Power Products Ltd in Kelowna BC. The drill is rated for a maximum depth of 1,200 vertical feet using BQTW rods.

A total of 741 metres of core were produced from the diamond drilling. The hole locations are shown on Figures 2 and 6. Drill hole locations are provided in Table 3 below. Drill hole locations are measured in mine grid coordinates and distances are imperial, to be consistent with the historic database. All five drill holes were located on the same drill pad, with minor collar location variations.

**Table 3**  
Drill Hole Locations

Drill Hole #	Location N	Location E	Elevation	Length (ft)	Azimuth/Dip	Length (m)
JS07-20	8592	9426	5080	838	331/-69	255.4
JS07-21	8592	9425	5080	328	314/-69	99.1
JS07-22	8592	9427	5080	428	352/-69	130.5
JS07-23	8592	9424	5080	378	300/-69	115.2
JS07-24	8592	9427	5080	458	013/-75	139.6

Figure 6  
Drill Hole Location Map



## **10.0) SAMPLING METHOD AND APPROACH**

Drill core was removed from each drill site at the end of each shift. All drill core was logged at a secure facility in Salmo. Following drill core logging and sample layout, the core was split using a standard manual core splitter. One half of the core was then placed in a sample bag labelled with an assay tag number and the second half returned to the core box with its location marked with the same assay tag number. All core is stored within a secure compound on the property.

Sample intervals were determined based on lithological changes, structures and observed mineralization within the core. Minimum sample intervals were set at approximately 1 metre (3 feet). For the five diamond drill holes JM07-20 through JM07-24 a total of 168 samples were obtained and submitted for analysis.

## **11.0) SAMPLE PREPARATION, ANALYSES AND SECURITY**

The core to be assayed was shipped by trucking company from site directly to a laboratory in Vancouver, BC. All sample preparation was done at the laboratory by their staff. Samples were submitted to both Acme Laboratory and Assayers Canada Laboratory, in Vancouver, BC.

Sultan utilizes laboratories registered with ISO 9001:2000 accreditation. The International Standards Organization (ISO) adopted a series of guidelines (ISO 9000 to 9004) for the global standardization of Quality Assurance for products and services. A company seeking accreditation must implement and maintain a quality assurance system that is compliant with one of the three applicable models (i.e. ISO 9001, 9002 or 9003). Some of the aspects specifically addressed in a quality assurance system include:

- Responsibility of management in defining and achieving quality goals,
- Contract review to ensure customer needs are understood and met,
- Procurement of supplies and services capable of delivering the desired level of quality,
- Handling of material supplied by the customer to ensure integrity,
- Controlling processes to ensure consistency of quality,
- Inspection and testing to ensure that all work meets or exceeds quality criteria,
- Correction and prevention of non-conformities (errors),
- Training of staff, and
- Statistical analysis to ensure quality criteria are met.

The Labs utilize standards and duplicate analysis of samples as part of their quality assurance. The certificates of analysis indicate re-assay or duplicate analysis with the prefix "RE". Standards submitted during the analysis of samples are prefixed "STANDARD". The laboratory identifies and remedies situations where the analysis of duplicates or standards is not within allowable levels of variation.

The on-site geologist personally monitored procedures for sample collection and delivery to courier in either Salmo or Castlegar, BC. From point of collection until delivery to the courier, the samples were under complete control of Sultan Minerals contactors.



The assay laboratories catalogue all samples and assure a complete chain of custody of each sample through the analytical process. At the laboratory the samples were analyzed by the labs multi-element ICP methodology. In the analysis a representative sample is crushed and pulverized to 95% passing 150 mesh. A split of 15 gram is leached in hot Aqua Regia. The resulting solution is analyzed by ICP-ES and/or ICP-MS. The lab reports that solubility of some elements will be limited depending on mineral species present. Samples that returned elevated levels of silver, lead, zinc, molybdenum or tungsten were further analyzed by leaching and ICP-ES.

## 12.0) DRILL RESULTS

Results of drilling are summarized in the following tables. Table 4 provides significant values for zinc, lead and silver. Table 5 provides significant tungsten results. Detailed drill hole plan and cross sections are provided in the appendices of this report.

Table 4  
Significant Results Zinc, Lead, Silver

	FROM (ft)	TO (ft)	WIDTH(ft)	Zn (%)	Pb (%)	Ag (g/t)
<b>JS07-20</b>	183.0	195.7	12.50	1.56	0.01	0.21
<b>Including</b>	193.0	195.7	2.70	5.36	0.02	0.53
<b>JS07-21</b>	148.0	168.0	20.00	2.32	0.03	0.63
<b>Including</b>	158.0	168.0	10.00	4.15	0.03	0.70
<b>and</b>	223.0	273.0	50.00	1.10	0.14	0.61
<b>Including</b>	243.0	253.0	10.00	2.36	0.62	1.64
<b>JS07-22</b>	198.0	211.6	13.60	0.46	0.01	0.29
<b>JS07-23</b>	133.0	234.0	101.00	0.78	0.03	1.30
<b>Including</b>	213.0	234.0	21.00	2.17	0.06	1.67
<b>Including</b>	213.0	223.0	10.00	2.76	0.03	0.52
<b>JS07-24</b>	281.0	291.0	10.00	1.23	0.20	6.29

All dimensions and core lengths are recorded in feet in order that results are compatible with the historic mine grid and the existing 5,600 drill hole database.

Table 5  
Significant Results, Tungsten

<b>DRILL-HOLE NUMBER</b>	<b>FROM (feet)</b>	<b>TO (feet)</b>	<b>WIDTH (feet)</b>	<b>W (ppm)</b>
<b>JS07-22</b>	316.4	323.0	6.6	<b>4450</b>
	323.0	329.8	6.8	<b>2210</b>
	329.8	338.0	8.2	<b>260</b>
	338.0	348.0	10	<b>590</b>
	348.0	357.6	9.6	<b>1360</b>
<b>JS07-24</b>	343.0	353.0	10	<b>370</b>
	353.0	363.0	10	<b>33</b>
	363.0	373.0	10	<b>350</b>
	373.0	383.0	10	<b>0.8</b>
	394.8	404.9	10.1	<b>50.5</b>
	404.9	415.0	10.1	<b>93.5</b>

All dimensions and core lengths are recorded in feet in order that results are compatible with the historic mine grid and the existing 5,600 drill hole database.

The general geology intersected in this five hole drill program included a thick sequence of dolomite and limestone in contact with argillite, overlying granite at depth. Garnet and actinolite bearing skarn rocks were encountered within limestone layers within argillite, somewhat distal to the granite contact. Argillaceous rocks are predominant to the east side of the five drill-hole intersections.

The five hole diamond drill program was successful at intersecting the Jersey Ag-Pb-Zn horizon with grades up to 5.36% zinc over 2.7 feet returned from a sample taken from 193 to 195.7 feet in hole JS07-20. Significant widths ranging from 20 to 100 feet of mineralization were encountered.

Elevated tungsten values were returned from drill holes JS07-22 and JS07-24, including 6.6 feet of 0.445% W returned from a sample taken between 316.4 and 323 feet in hole JS07-22. Tungsten mineralization is related to skarnified limestone segments within the thick argillite sequence along the eastern margin of the drill sections.

Molybdenum values were generally low, ranging from less than 1 ppm, to 192.2 ppm. The highest value was obtained from the granitic rocks intersected between 698 and 709.4 feet in hole JS07-20.

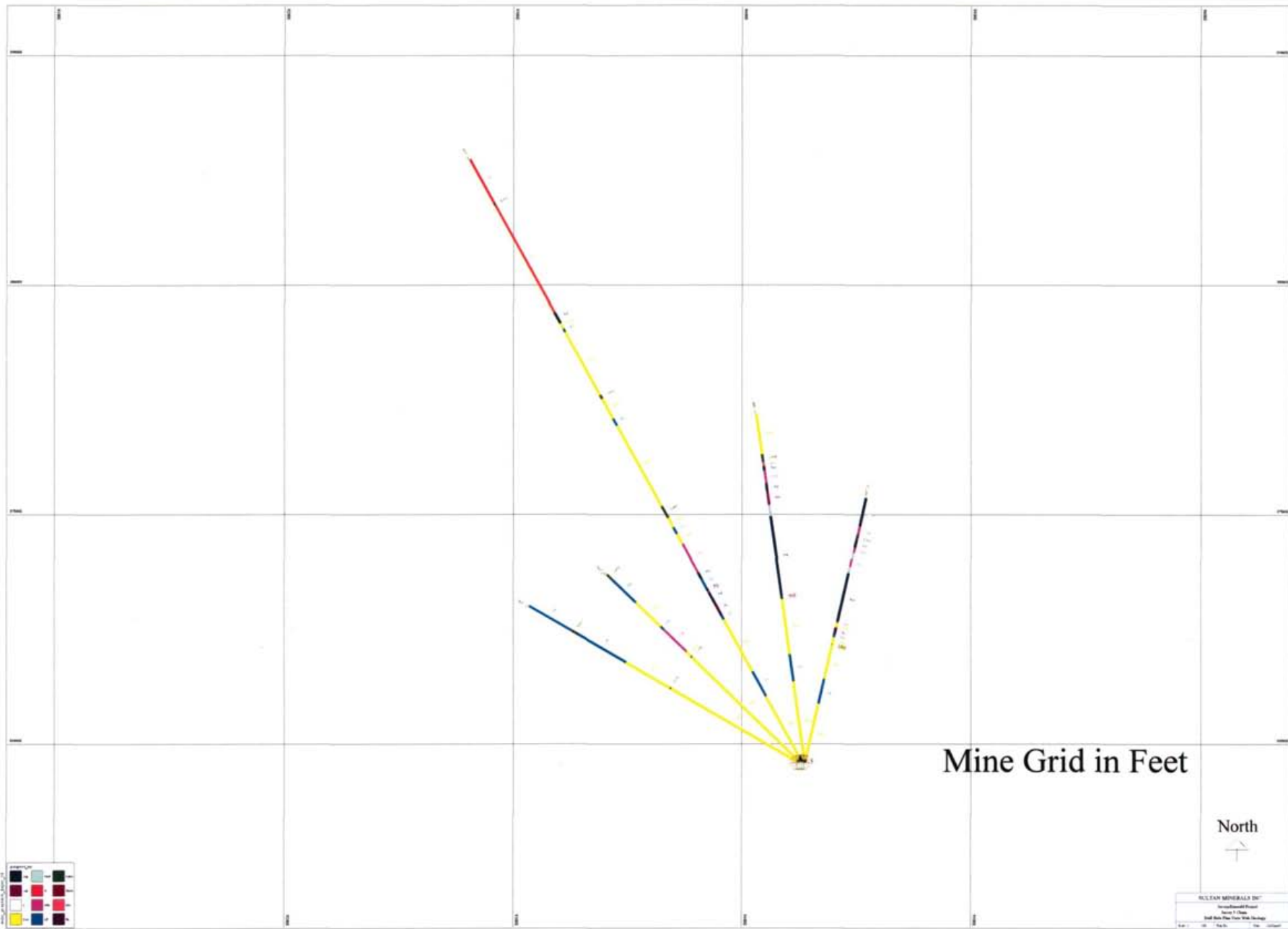
### **13.0) CONCLUSIONS AND RECOMMENDATIONS**

The results of this five hole drill program indicates potential for both previously unexplored silver-lead-zinc, and tungsten resources on the Jersey property. The drill program was designed to test further to the east of previous drilling.

Drilling to the east of the molybdenum zone outlined by the 2005-2006 drilling was not successful at intersecting significant molybdenum mineralization. Drill hole compilations from the historic drilling indicate that the stockwork mineralization has been tested to relatively shallow extents below the Dodger 4200 level workings. Further exploration for molybdenum should include testing the stockwork mineralization for depth extent, and testing for continuity adjacent to the zones intersected in the Dodger 4200 and Dodger 4400 levels. The granite that hosts the stockwork vein system was encountered in hole JS07-20, showing that the host rocks extend to the east from previously tested areas.

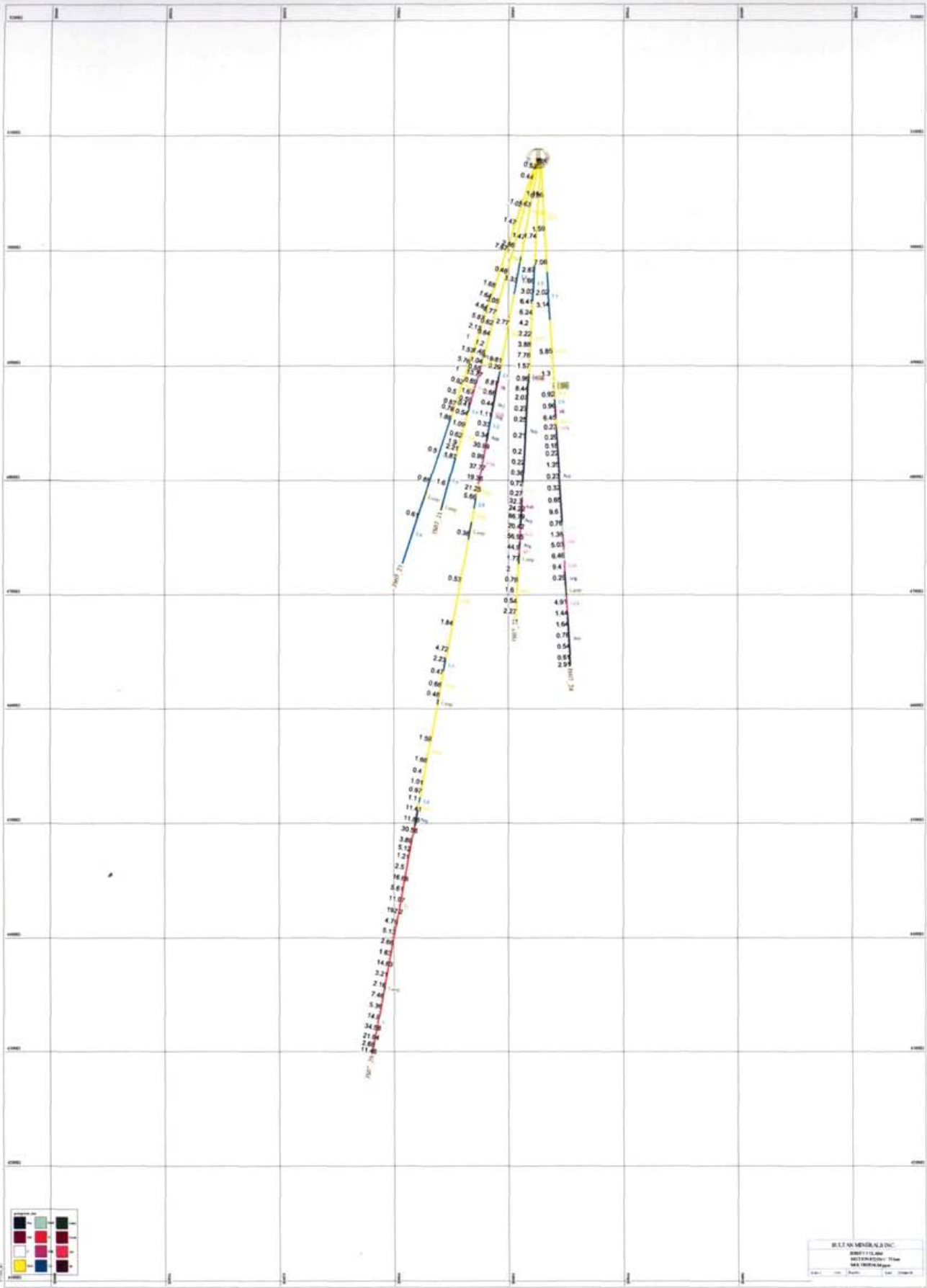
Skarn mineralization, generally associated with the deposition of tungsten, is primarily thought to be generated by the intrusion of the underlying granitic stock into limey country rock. Drilling on the property indicates that the granite surface may be extensive but has only been partially mapped. Further exploration for tungsten will include more detailed interpretation of the geometry of the granite surface with emphasis on proximity and contact with limey host rock.

The results of this five hole diamond drill program indicates that the silver-lead-zinc bearing Jersey horizon may continue to the east of previously mined zones. Extensive limestone and dolomite layering, which hosts the Jersey mines, were intersected in these holes, in places containing significant zinc values.

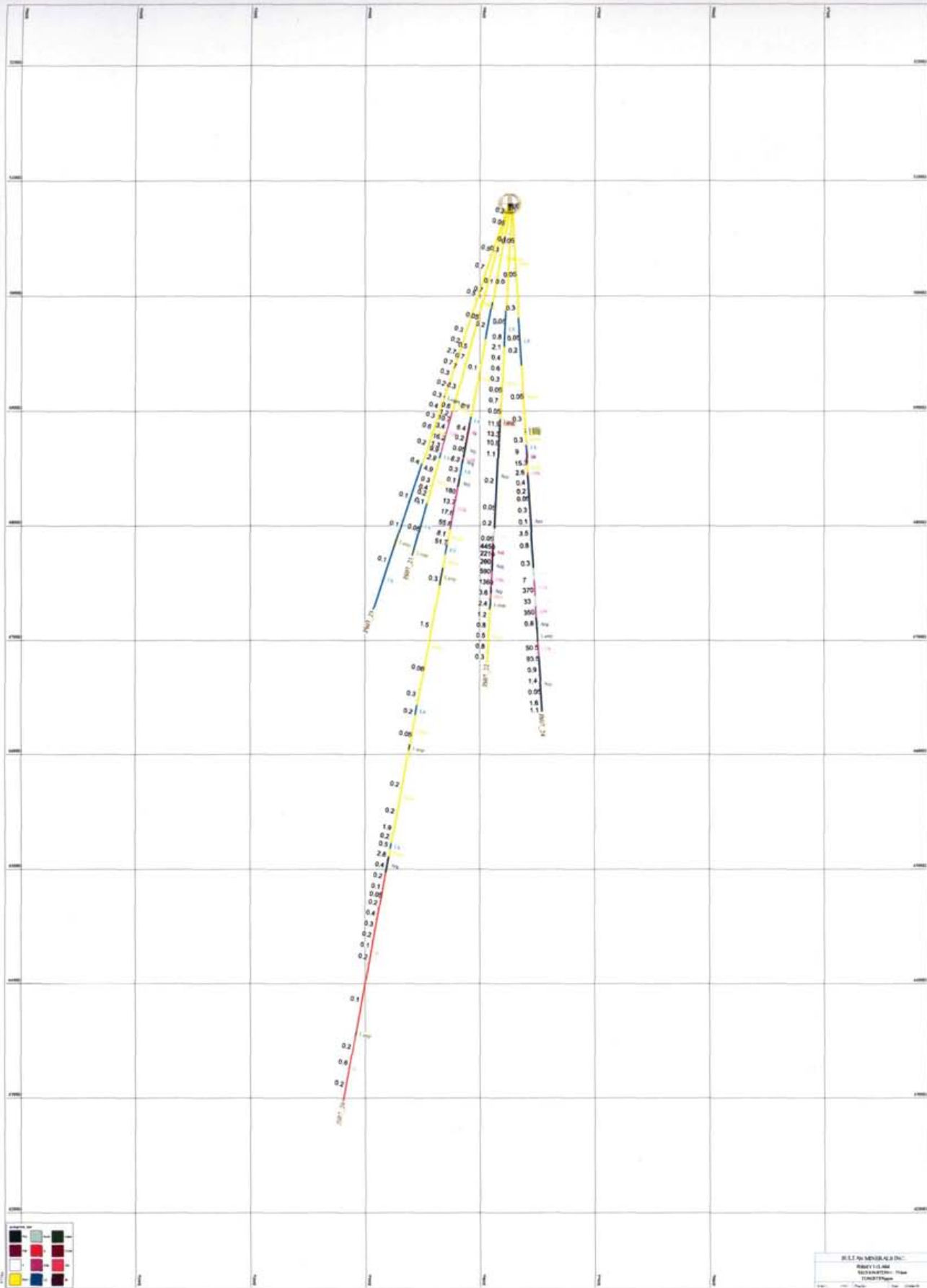


DRILLHOLE PLAN VIEW GEOLOGY  
1:100

WULFEN MINERALS INC.  
 Nevada Nevada Permit  
 Permit No. 1-00000  
 1000 West Main Street, Reno, NV  
 89501



1:1000  
 Moly ppm  
 B725N



1:1000  
 W PPM  
 B725N

## 14.0) REFERENCES

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## 15.0) QUALIFICATIONS

### **CERTIFICATE: Perry Grunenberg**

I, Perry Grunenberg, hereby certify that:

- a) I am a consulting Geoscientist with PBG GEOSCIENCE having an office at 759 Dominion Street, Kamloops, British Columbia, V2C 2X8.
- b) I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1982).  
I am a member of the Association of Professional Engineers and Geoscientists of British Columbia Registration No. 19246) and a Fellow of the Geological Association of Canada (Membership No. F5203).  
I have practiced my profession in North America since 1982, having worked as an employee and consultant for major mining corporations, junior resource companies and BC government ministries.  
As a result of my experience and qualification I am a Qualified Person as defined in National Instrument 43 – 101.
- c) I personally managed the 2007 exploration program on the Jersey 3 Claim of the Jersey-Emerald property including the diamond drilling program for the exploration of tungsten, molybdenum, and silver-lead-zinc.
- d) I have personally prepared or have reviewed all sections of this report including the illustrations.
- e) I have managed exploration programs on as a geoscientist consultant on behalf of Sultan Minerals Inc since 1994, including exploration for tungsten and molybdenum as covered within this report.

March 25, 2008  
Kamloops, B.C.

Perry Grunenberg, P.Geo.  
Consulting Geoscientist

**APPENDIX 1  
COST STATEMENT**

**APPENDIX 2  
DIAMOND DRILL LOGS HOLES JS07-20 TO JS07-24**

**APPENDIX 3  
ASSAY CERTIFICATES**

**APPENDIX 4  
SAMPLE INTERVAL AND ASSAY TAG INFORMATION**

**APPENDIX 5  
DRILL PLAN AND CROSS SECTIONS**

**APPENDIX 1**

**COST STATEMENT**

**COST STATEMENT**  
**Diamond Drilling**  
**13 - 22 September 2007**

<b>Salary &amp; Wages:</b>		
E. Lawrence, 11-24 Sep, 14days @\$450	\$ 6,300.00	
Ken Anderson, 17-20Sep, 3.8days @ \$200	760.00	
D. Murray, 17-19 Sep, 2.5days @\$250	625.00	
J. Dorey, 14-21 Sep, 8days @\$160	1,280.00	
B. Denny, 15-18Sep, 2.5days @ \$250	625.00	
J. Denny, 8,19 Sep, 1.5days @320	480.00	
	<u>10,070.00</u>	\$ 10,070.00
<b>Benefits @ 20%</b>		2,014.00
<b>Food and Accommodation: 29.8days @ \$115</b>		3,427.00
<b>Rental Equipment:</b>		
4x4 Pick up Trucks: 9days @ \$75	\$ 675.00	
4days @ \$75	300.00	
9days @ \$100	900.00	
	<u>1,875.00</u>	1,875.00
<b>Supplies:</b>		
Deakin Equipment	\$ 721.00	
Value Mart	33.49	
	<u>754.49</u>	754.49
<b>Diamond Drilling:</b>		
Wade Critchlow Contracting, 13-22Sep, 2,430feet @ \$30.05/ft		73,021.50
Consultant, Pete Papatoff, 13-21Sep, 56hrs @ \$30	\$ 1,680.00	
Truck, 12 days @ \$100	1,200.00	
TD-15, 7hrs @ \$115	805.00	
Stagepump, 16days @ \$125	2,000.00	
Waterline Hose	884.00	
Waterline, 2men@ \$60, 6hrs	720.00	
Ex220 Excavator, 15-22Sep, 20.5hrs @\$130	2,665.00	
	<u>9,954.00</u>	9,954.00
<b>Core Storage &amp; Processing:</b>		
Watson Wood Products, Material, 17Sep	\$ 1,815.50	
Select Forestry, Labour, 7-13Sep, 5.7hrs @ \$160	912.00	
Core Logging, Splitting & Processing	3,490.00	
Scrap King, Moving Core Boxes	437.25	
	<u>6,654.75</u>	6,654.75
<b>Assays &amp; Analyses:</b>		
Acme Labs:		
169 Core for 55el ICP @ \$32.00	\$ 5,408.00	
9 Pulp for Zn @ \$8.59	77.31	
9 Pulp for W @ \$10.07	90.63	
	<u>5,575.94</u>	5,575.94
<b>Shipments:</b>		579.21
<b>Reporty Preparation:</b>		<u>7,500.00</u>
<b>Total</b>		<u><u>\$ 121,425.89</u></u>

**APPENDIX 2**

DIAMOND DRILL LOGS

HOLES JS07-20 TO JS07-24

LHole20

SULTAN MINERALS INC																	
PROPERTY:		JERSEY		HOLE LOCATION													
HOLE: JS0720				EOH		838											
				LOGGED		S.Gillies											
FROM (ft)	TO	LITH	DESCRIPTION	DEPTH (ft)	STRUCTURE		ALTN/MINS			MINERALIZATION							
					TYPE	ANGLE		PY	GA	MO	SPH	SH	PO	OX			
0.0	6.5		Casing - No recovery														
6.5	91.3	Dolo	B/gy banded dolomite, no discimble mineralisation or Fe-ox	43.0	Bedding	60											
				71.8	Bedding	80											
91.3	126.0	Ls	Massive white-pale grey sugary-textured limestone														
126.0	197.9	Dolo	B/gy banded dolomite, some weak zones of brown+/oge Fe-ox staining, Tr-2% dissem sulphides after 171.7ft	138.5	Bedding	90											
			144.0-158.0: Patchy oge-br staining + wk vuggy-gossan	144.0-158.0	Oxide												2.0%
			171.7-177.2: 2% f.gr dissem Py parelle to the bedding	171.7-177.2	Mineral				2.0%								
			182.2-188.0: 2% f.gr dissem Py parallel to the bedding, weakly diop	182.2-188.0	Mineral	60											
			skarn looking at 185.1-186.5ft														
			190.0-191.0: LAMPROPHYRE DYKE - small medium green Px-amph-chi-bt lamprophyric dyke, sharp contacts	190.0	Cnt	50											
			193.0-195.7: Dolo with 10% dissem reddish-brown mineral - Sph? & 1% Py and possible 1% f.gr Ga	193.0-195.7	Mineral		Banded f.gr dissem	1.0%	1.0%			10.0%					
197.9	204.3	LlmArg	Pale grey fine grained gritty limy argillite, strong carb alteration, no bedding														
204.3	221.0	Sk	Dominantly pale green diop skarn with rare patches (<5cm diam) of br-oge sugary textured grossular garnet, v.rare actinolite-tremolite zones with trace scheelite, cross-cut by dscts white carb veinlets,	204.3-204.5	Mineral		F.gr dissem										0.5%
			1-2% dissem Py elsewhere	208.0-208.1	Mineral		F.gr dissem										0.1%
			210.0-221.0: 2% f.gr dissem Py elsewhere	209.0	Bedding	70											
221.0	236.0	Arg	Pu/gy/gr banded strongly silicified argillite, 1-2% Py smeared parallel to bedding	210.0-221.0	Mineral		F.gr dissem on broken surf	2.0%									
			227.0: 2% f.gr dissem Py elsewhere	221.0-236.0	Mineral		F.gr smears	2.0%									
236.0	238.0	GarSk	Pale green/oge-br/white banded skarn altered argillite with 10-15% sugary textured blotches of grossular garnet, few specks of f.gr dissem scheelite	227.0	Bedding	75											
			238.0-241.6: 2% f.gr dissem Py elsewhere	236.0-236.5	Mineral		F.gr dissem										0.5%
238.0	241.6	Arg	Pu/gy/gr banded strongly silicified argillite, 1-2% Py smeared parallel to bedding	238.0-241.6	Mineral		F.gr dissem on broken surf	2.0%									
241.6	255.5	LlmArg	Sugary textured massive and banded br/pu/gr/light gy limy argillite, locally weakly diop skarn altered (usually <10cm), 2-5% Po assoc with cross-cutting qtz veins	241.6-255.5	Mineral		Vein assoc										3.0%
			255.5-263.2: 2% f.gr dissem Py elsewhere	249.4	Bedding	80											
255.5	263.2	Arg	Brown/green weakly banded, strongly silicified argillite with rare pale green diop-altered skarns, 1% Py-Po smeared along bedding	255.5-263.2	Mineral	80	Smeared parallel to bedding	0.5%									0.5%
263.2	303.4	GarSk	Pale green-white/oge-brown garnet skarn, 20% blotches of oge-br	263.6-268.5	Mineral		F.gr dissem										4.0%

## LHole20

			grossular garnet in diop-carb matrix, locally argillic of limestone	272.0-274.5	Mineral		F.gr dissemin					1.0%	
			looking, some f.gr scheelite kicking around										
			276.5-279.0: Argillic zone with Py-Po along parallel to foliation	276.5-279.0	Mineral	60	Smear parallel to bedding	0.5%				0.5%	
				280.1-282.7	Mineral		F.gr dissemin					0.5%	
				296.9-297.3	Mineral		F.gr dissemin					5.0%	
				297.3-302.0	Mineral		F.gr dissemin					0.5%	
303.4	317.0	Dolo	Dark gy/white/pale gy banded dolo, locally altered to a pale green colour - ?chl, tr f.gr br dissemin Fe-ox	303.4-317.0	Oxide								1.0%
317.0	326.5	Ls	Massive white-pale grey sugary-textured limestone										
326.5	339.1	Dolo	Bl/gy banded sugary dolomite, sharp lower contact	339.1	Cnt	80							
339.1	356.0	Lamp	Dk green px-amph-bl lamprophyre dyke, broken lower contact										
356.0	432.2	Dolo	Bl/gy banded sugary dolomite	384.3	Bedding	60							
432.2	435.1	BkDolo	Fine grained dark grey/black argillic looking dolomite										
435.1	467.5	Dolo	Bl/gy banded sugary dolomite	452.2	Bedding	70							
467.5	477.5	Ls	Light oge-br finew sugary textured limestone, moderately silicified, 2-5% dissemin f.gr dk br Fe-ox	467.5-477.5	Oxide		F.gr dissemin along frac						4.0%
477.5	505.1	Dolo	Bl/gy banded sugary textured dolomite, sharp lower contact	492.1	Bedding	40							
				505.1	Cnt	30							
505.1	510.3	Lamp	Dk green px-amph-bl lamprophyre dyke, broken lower contact										
510.3	597.0	Dolo	Fine grained, pale gy dolomite with diffuse and swirly light-medium grey bands, patchy weak pale oge-br Fe-ox staining										
			557.2-569.0: Patchy oge-br Fe-ox staining, Tr-2% fine dk br Fe-ox dissemin	557.2-569.0	Oxide								1.0%
			576.5-578.2: Oge-br Fe-ox staining, some areas appear weakly gossanous	576.5-578.2	Oxide								2.0%
			595.2-596.2: Dk pu-br silicified argillite with 1% Po-Py parallel to bedding	595.2-596.2	Mineral			50.0%				0.5%	
597.0	602.2	Ls	massive white sugary-textured limestone										
602.2	609.6	Dolo	Bl/gy banded sugary textured dolomite										
609.6	624.0	Arg	Dominantly dark pur/rd/gr silicified argillite, some weakly leached pale green diop-chl? Areas with 2% f.gr dissemin Py, elsewhere get up to 5% f.gr dissemin Po along broken surfaces, sharp lower contact	609.6-618.0	Mineral		Along broken surf						4.0%
				618.0-624.0	Mineral		F.gr dissemin	2.0%					
				624.0	Cnt	15							
624.0	625.0	Gran	Small dyke of medium grained qtz-fs-bl granite, equigranular, trace f.gr py usually assoc with qtz-filled microfractures	624.0-625.0	Mineral		F.gr dissemin, frac controlled	1.0%					
				625.0	Cnt	20							
625.0	773.4	Gran	Medium-c.gr qtz-fs-bl granite, equigranular,										
			637.0-640.0: Small qtz vein and weak clay alteration, 1% dissemin sulph	637.0-640.0	Mineral		V.f.gr dissemin	1.0%			0.5%		
			651.0-691.5: Weakly clay altered zone with 1% dissemin sulphide	651.0-691.5	Mineral		V.f.gr dissemin	0.5%			0.5%		
			691.5-718.4: Little fault zone - core crumbly and broken, weakly clay altered, moderately chloritised, 2-5% dissemin Py throughout, 1% white qtz stringers	691.5-718.4	Mineral		V.gr dissemin	4.0%					
773.4	777.1	Lamp	Dark green fine-grained Px-bl lamprophyre dyke, sharp contacts	773.4	Cnt	90							
				777.1	Cnt	55							

LHole20

777.1	838.0	Gran	Medium-c.gr qtz-fs-bt granite, equigranular,											
			825.9-836.8: Weak chlorite alteration - possibly fault related, 2% Py	825.9-836.8	Mineral		Frac controlled	2.0%						
			assoc with chi-filled frac											
			EOH: 838.0ft											



LHole21

SULTAN MINERALS INC																	
PROPERTY:		JERSEY		HOLE LOCATION													
HOLE:	JS0721			EOH	328.0												
				LOGGED	S.Gillies												
FROM (ft)	TO	LITH	DESCRIPTION	DEPTH (ft)	STRUCTURE		ALTN/MINS	MINERALIZATION									
						TYPE	ANGLE		PY	GA	MO	SPH	SH	PO	OX		
0.0	2.5		Casing - No recovery														
2.5	165.6	Dolo	Strongly banded bl/gy/wh dolomite, bands can be weakly convoluted, pifresh to 128ft then encounter some brownish oxide staining, 2-5% f.gr dissem sulphides/Fe-ox after 150ft	48.0	Bedding	75											
			131.1-137.3: Dark br Fe staining, 2-4% v.f.gr dark br dissem Fe-ox in carb-rich bands	131.1-137.3	Oxide												3.0%
			137.3-145.0: Black dolomite, rare banding, 3% f.gr dissem Po-Py on broken surfaces	137.3-145.0	Mineral				1.0%								2.0%
			149.1-165.6: banded dolo, patchy frac-assoc oge Fe-ox staining, 2-5% v.f.gr dissem br Fe-ox, 1% dissem Po-Py-?Ga	149.1-165.6	Mineral				0.5%	0.2%					0.5%		5.0%
165.6	172.6	BkDolo	F.gr dark gy/bk dolomite with rare visible banding, trace Py-Po in whiter carb-rich bands, rare oge-b Fe-ox staining along fracture planes	165.6-167.2	Oxide			Staining									0.1%
			167.7-168.3: rare f.gr Po assoc with bk-filled fractures, sharp lower contact	167.7-168.3	Mineral			V.f.gr dissem									0.5%
172.6	183.1	Dolo	Strongly banded bl/gy/wh dolomite, bands can be weakly convoluted, rare f.gr Po assoc with bk-filled fractures, sharp lower contact														
			174.0-174.6: Zone of more massive white sugary-textured limestone, weakly fractured														
			179.8-180.2: Bk fractured containing 2% f.gr dissem Po	179.8-180.2	Mineral												2.0%
				183.1	Cnt	55											
183.1	185.1	Lamp	Dark green, f.gr, Px-bt lamprophyric dyke, very fresh	185.1	Cnt	55											
185.1	193.0	Dolo	F.gr dark gy/bk dolomite, no discernible mineralisation														
193.0	231.8	GarSk	Pale green or dark grey/purple banded skam altered argillite, pale green areas contain up to 20% f.gr sugary textured grossular gamet argillic bands are quite silicified with trace v.f.gr dissem Py, trace amounts of f.gr dissem scheelite														
			193.0-197.5: Silicified argillic zone	196.0	Bedding	70											
			197.5-212.0: Pale green gamet-diop-carb skam, variable scheelite	197.5-198.0	Mineral			F.gr dissem									0.5%
				202.9-203.3	Mineral			F.gr dissem									0.5%
			212.0-213.5: Brownish-silicified argillite zone														
			213.5-224.3: Pale green gamet-diop-carb skam, variable scheelite	215.9-217.5	Mineral			F.gr dissem									0.5%
				221.3-222.2	Mineral			F.gr dissem									0.5%
			224.3-225.8: Black limestone, coarse sugary texture, very carb-rich														
			225.8-231.8: Weak pale green skam altered dolo/arg, moderately banded, 2-5% dissem Py in white-carb-rich zones	225.8-227.8	Mineral			F.gr dissem	5.0%								
				227.0	Bedding	70											

LHole21

231.8	236.8	Ls	F.gr white massive sugary-textured limestone, rare diffuse greyish bands											
236.8	278.5	Dolo	Gy/wh/bl banded dolomite, c.gr sugary texture, 3-5% dissem Po-Py- ?Ga throughout most of the interval, some areas with thin bands of reddish-brown mineral -poss sph?	238.0-267.3 248.3-267.5 250.0	Mineral Mineral Bedding		F.gr disseminati Bands <5mm thick	2.0% 3.0%	0.5%					2.0%
			268.0-271.2: Weak patchy pale oge-ye staining											
278.5	320.0	Ls	Pale white sugary textured massive limestone with diffuse bl-gy bands, very fresh	301.0	Bedding	60								
320.0	328.0	Lamp	F.gr dark green Px-amph-bl lamprophyre dyke EOH: 328.0											

LHole22

SULTAN MINERALS INC			HOLE LOCATION											
PROPERTY:		JERSEY												
HOLE:		JS0722	EOH	428.0	LOGGED	S.Gillies								
FROM (ft)	TO	LITH	DESCRIPTION	DEPTH (ft)	STRUCTURE		ALTN/MINS	MINERALIZATION						
					TYPE	ANGLE		PY	GA	MO	SPH	SH	PO	OX
0.0	2.0		Casing - No recovery											
2.0	99.2	Dolo	Pale bl/gy/white banded dolomite, quite a large limestone component making the bands diffuse, patchy areas with frac-related Py	41.0	Bedding	60								
			71.0-73.5: 1-2% Dissem Py in white carb-bands	71.0-73.5	Mineral			2.0%						
			79.8-93.0: Blotches (<2cm) with Py assoc with fractures	79.8-93.0	Mineral			0.5%						
				98.5	Bedding	70								
99.2	132.8	Ls	Massive white sugary-textured limestone											
132.8	200.2	Dolo	Dk gy/bk(wh) banded dolomite, quite sugary textured, patchy areas with pale oge-ye-br staining, rare f.gr dissem br Fe-ox, patchy zones with 1-2% f.gr dissem Py, sharp lower contac											
			134.0-135.0: Oge-br alteration with diffuse gossan along frac	134.0-135.0	Oxide									2.0%
			158.0-163.0: Pale ye-oge Fe-ox alteration, dissem f.gr br Fe-ox assoc with white carb bands	158.0-163.0	Mineral									1.0%
			185.8-197.6: Pale oge-ye along fracture surfaces, py assoc with a strongly silicious zone	190.1-197.6	Mineral		In a silica zone	2.0%						
				200.2	Cnt	50								
200.2	204.1	Lamp	F.gr dark green Px-ampt-Bt lamprophyric dyke	204.1	Cnt	80								
204.1	204.5	Gossan	Pale oge-yellow-white gossanous clays	204.1-204.5	Oxide									90.0%
204.5	302.2	Arg	Dk pu/rd-green patchily skam altered and well banded argillite, pu/rd areas are moderately silicified and pale green ?diop areas are more carb altered, very rare scheelite when garent is present in skam-altered areas											
			204.5-208.0: Py parallel to bedding in argillite	204.5-208.0	Mineral			4.0%						
			211.0-211.6: Tr scheelite in garnet skam	211.0-211.6	Mineral							0.5%		
				219.3	Bedding	75								
			219.8-220.3: Intensely green skam altered but no garent, trace scheelite	219.8-220.3	Mineral			1.0%				0.5%		
			1% Py assoc with carb frac											
			221.6-222.6: 5% Py-Po in a silica-qtz fracture zone	221.6-222.6	Mineral		Frac controlled	4.0%					1.0%	
				245.6	Bedding	45								
			272.8-279.7: 2-4% Py-Po along qtz fractures and broken surfaces	272.8-279.7	Mineral			3.0%					1.0%	
			293.6-294.0: Py in silica-qtz fracture zone	293.6-294.0	Mineral			2.0%						
302.2	316.4	Fault	Still in dk pu/rd/gy pale green/white banded skam altered argillite but now the core is very broken with areas reduced to little more than clay.											

## LHole22

			305.5-306.5: (approx) tiny fragments of core, very broken											
			308.0-308.5: Clay zone with rare fragments											
			316.0-317.5: (approx) tiny fragments of core, very broken											
316.4	332.3	ActSk	Medium green/orange-brown diop-gamet-act skam, strongly altered, up to 15% Actinolite and 20% oge-brown f.gr grossular	316.4-319.8	Mineral		F.gr disse						4.0%	
			gamet, variable amounts of scheelite, Mo in a qtz vein at 330.0-331.0ft	319.8-321.5	Mineral		F.gr disse						10.0%	
				321.5-323.0	Mineral		F.gr disse						5.0%	
				323.0-323.8	Mineral		F.gr disse						20.0%	
				323.8-332.3	Mineral		F.gr disse						5.0%	
				330.0-331.0	Mineral		Blebs in qtz vein			2.0%				
332.3	342.1	Arg	Dk pu/red/gr silicified and weakly banded argillite, 1-2% Po parallel to bedding, Tr blebby Py on frac surfaces	332.2-342.1	Mineral		In bedding and fr	0.5%					2.0%	
342.1	358.0	GarSk	Mottled medium green/oge-brown skam with 30-40% f.gr oge-br grossular gamet, patchy distribution of scheelite	345.8-355.3	Mineral		F.gr disse						5.0%	
358.0	363.3	Arg	Dk pu/red/gr silicified and weakly banded argillite, 1-2% Po parallel to bedding, Tr blebby Py on frac surfaces	355.3-355.7	Mineral		F.gr disse						30.0%	
363.3	368.7	Qtz	Not really qtz zone as a silica saturated zone, pale grey colour, aphanitic texture, weak pale ye-oge fe-ox staining around frac but no discernible sulphides, sharp lower contact	360.0	Bedding	50								
368.7	378.4	Lamp	Dark green fine-medium grained Px-Fs-Bt lamprophyric dyke unusually cross-cut by several small white qtz veins (<1cm), no mineralisation	368.7	Cnt	80								
378.4	428.0	Dolo	Dk gy/white/pale oge banded dolomite, pervasively stained light ye-oge which intensified to dark oge along frac, seems to be small amts of dk br v.f.gr Fe-ox around and in microfractures, which drop off rapidly by 398.0ft	378.4-398.0	Oxide		V.f.gr disseminations							0.5%
			EOH: 428.0	421.0	Bedding	20								

LHole23

SULTAN MINERALS INC																			
PROPERTY:		HOLE LOCATION																	
HOLE: JS0723		BOH 378																	
		LOGGED S.Gillies																	
FROM (ft)	TO	LITH	DESCRIPTION	DEPTH (ft)	STRUCTURE		ALTN/MINS	MINERALIZATION											
					TYPE	ANGLE		PY	GA	MO	SPH	SH	PO	OX					
0.0	0.5		Casing - No recovery																
0.5	129.8	Dolo	Bl/gy/white banded dolomite, quite limestone rich, areas with 1-2% dissem Py in small bands parallel to dominany banding	11.3 27.0-27.8 56.8-57.3 68.5	Bedding Vein Mineral Bedding	65 15 85		Subparallel to core axis In bedding	2.0% 2.0%										
129.8	178.3	BkDolo	Dark gy/black fine-grained dolomite (fizzes weakly with HCl), 2-5% Po-Py along fractures - reaches massive sulphide in one small zone! locally becomes a little leached and pale grey - moderately silicified 162.0-174.5: Pale ye-oge Fe-ox alteration along fractures	133.0-138.3 138.3-138.5 138.5-148.0 148.0-158.0	Mineral Mineral Mineral Mineral		Along frac Massive sulphide Along fractures, semi-mass Gradually decreasing	1.0% 50.0% 20.0% 5.0%										1.0% 50.0% 30.0% 10.0%	
				174.5-178.3	Mineral		Along frac, qtz veins	5.0%											
178.3	180.0	Lamp	Fine grained dark green Px-fs-bt lamprophyre, sharp contacts	178.3 180.0	Bedding Bedding	75 70													
180.0	241.5	Dolo	Bl/gy/white banded dolomite, quite limestone rich, areas with 1-2% dissem Py-Po in small bands parallel to dominany banding, also contains disseminations of a v.f.gr sulphide - Ga?	180.0-241.5 202.9 233.8	Mineral Bedding Bedding		Parallel to bedding	2.0% 2.0%	1.0%										3.0%
241.5	308.5	Ls	Massive white sugary-textured c.gr limestone, ~10% diffuse greyish bands, rare pale ye-gr oxide alteration, sharp lower contact	308.5	Cnt	75													
308.5	319.5	Lamp	Dark green medium grained Px-amph-bt lamprophyre with 2-5% round qtz inclusions - ?air bubbles???, sharp contacts	319.5	Cnt	70													
319.5	378.0	Ls	Massive white sugary-textured c.gr limestone, ~10% diffuse greyish bands, rare pale ye-gr oxide alteration																
			EOH: 378																





**APPENDIX 3**

**LABORATORY ASSAY CERTIFICATES**

**ACME LABS**



Client: **Sultan Minerals**  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1 Canada

Submitted By: Perry Grunenberg  
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
 Received: November 16, 2007  
 Report Date: February 04, 2008  
 Page: 1 of 5

## CERTIFICATE OF ANALYSIS

VAN07002654.2

### CLIENT JOB INFORMATION

Project: JERSEY  
 Shipment ID:  
 P.O. Number  
 Number of Samples: 117

### SAMPLE DISPOSAL

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	117	Crush split and pulverize drill core to 150mesh		
1F	117	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed
7TD	1	4 Acid digestion ICP-ES analysis.	0.5	Completed
7KP	6	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

### ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Version 2 to include Mo by 7TD and W by 7KP

Invoice To: Sultan Minerals  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1  
 Canada

CC: Spurlin Edwards





852 E. Hastings St. Vancouver BC V6A 1R6 Canada  
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Client: Sultan Minerals  
1400 - 570 Granville St.  
Vancouver BC V6C 3P1 Canada

Project: JERSEY  
Report Date: February 04, 2008

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736792	Rock Pulp	5.60	0.78	21.57	3.43	54.1	100	33.0	14.2	342	3.20	0.9	0.9	1.0	7.6	27.3	0.03	0.09	0.23	39	1.35
736793	Rock Pulp	5.70	0.54	22.37	1.99	62.2	102	38.7	17.4	234	3.70	0.3	0.9	0.9	3.7	27.9	<0.01	<0.02	0.18	53	0.43
736794	Rock Pulp	7.30	0.61	21.26	4.65	57.4	111	35.3	15.2	331	3.32	0.7	0.8	1.3	8.5	27.6	0.02	0.03	0.17	38	1.22
736795	Rock Pulp	1.90	2.91	19.81	5.85	45.3	112	27.4	10.8	237	1.71	1.0	1.3	0.4	10.2	40.2	0.13	0.06	0.20	24	3.05
736796	Rock Pulp	6.10	2.09	2.84	4.71	22.8	44	7.0	1.7	77	0.42	1.6	3.5	<0.2	2.0	198.8	0.23	0.13	<0.02	13	34.75
736797	Rock Pulp	3.00	1.04	5.67	10.53	18.7	92	12.0	2.9	64	0.60	3.7	1.2	0.6	3.7	181.7	0.25	0.22	0.05	6	35.23
736798	Rock Pulp	6.30	2.29	0.82	4.51	24.4	15	8.8	0.5	75	0.08	4.3	5.3	<0.2	0.4	228.4	0.26	0.29	0.27	14	35.08
736799	Rock Pulp	6.20	5.61	2.75	12.16	23.3	18	7.0	0.3	41	0.03	4.1	5.4	<0.2	0.4	228.9	0.38	0.21	0.08	9	36.41
736800	Rock Pulp	6.20	0.75	0.65	7.88	13.4	15	5.8	0.2	51	0.02	1.9	3.8	<0.2	0.2	239.5	0.19	0.93	0.05	7	38.05
736801	Rock Pulp	6.20	0.71	0.61	4.74	7.6	8	3.7	0.3	48	<0.01	2.0	2.7	<0.2	0.2	230.3	0.10	0.15	<0.02	6	34.94
736802	Rock Pulp	6.00	1.14	0.30	4.43	7.8	9	3.1	0.2	53	0.01	1.8	3.8	<0.2	0.2	253.2	0.12	0.25	<0.02	8	36.14
736803	Rock Pulp	6.50	0.76	0.17	4.36	6.6	<2	4.7	<0.1	48	<0.01	1.4	3.4	<0.2	0.1	240.3	0.13	0.06	<0.02	5	36.55
736804	Rock Pulp	6.00	1.56	6.76	6.50	38.5	25	9.7	1.1	564	0.32	1.4	5.3	<0.2	2.0	214.9	0.49	0.16	0.17	27	31.83
736805	Rock Pulp	5.30	4.03	1.41	6.40	10.1	20	8.6	0.7	81	0.11	3.1	8.1	<0.2	0.4	259.8	0.19	0.10	<0.02	13	36.09
736806	Rock Pulp	5.80	1.25	0.97	9.45	13.6	14	4.9	0.5	88	0.04	3.4	4.5	<0.2	0.3	274.9	0.26	0.05	<0.02	12	34.43
736807	Rock Pulp	5.70	1.48	1.49	24.58	19.2	35	2.4	0.4	49	0.04	2.2	8.7	<0.2	0.3	359.5	0.52	0.10	0.02	14	37.26
736808	Rock Pulp	5.20	2.16	2.89	8.82	12.4	23	14.1	0.4	64	0.14	1.5	13.8	<0.2	0.6	240.8	0.25	0.09	0.02	23	34.49
736809	Rock Pulp	5.60	1.51	0.97	15.17	12.5	19	2.3	0.2	52	0.01	0.9	5.1	<0.2	0.2	219.6	0.36	<0.02	0.02	12	37.93
736810	Rock Pulp	5.80	0.92	0.35	5.90	5.1	5	5.4	0.1	75	<0.01	1.7	2.9	0.3	0.1	243.0	0.17	0.03	<0.02	8	37.90
736811	Rock Pulp	6.10	2.24	2.97	13.50	13.3	25	8.2	0.6	71	0.12	1.0	6.0	<0.2	0.6	200.1	0.34	0.04	0.03	26	38.52
736812	Rock Pulp	6.10	2.88	10.75	9.66	23.0	25	29.7	5.7	208	0.81	4.4	5.6	0.7	1.6	264.7	0.32	0.27	0.03	29	32.62
736813	Rock Pulp	6.30	1.82	1.03	12.28	37.0	24	4.5	0.2	69	0.05	1.2	2.6	<0.2	0.1	248.2	0.69	0.11	<0.02	7	37.69
736814	Rock Pulp	5.80	1.74	72.61	5.77	83.2	215	29.0	11.7	164	1.91	2.6	1.1	0.5	9.1	56.4	0.59	0.18	0.22	33	2.64
736815	Rock Pulp	5.70	2.50	70.57	4.77	183.1	230	25.3	10.0	244	1.91	3.1	1.3	0.8	8.2	108.4	1.54	0.16	0.28	25	5.92
736816	Rock Pulp	6.50	19.68	61.67	4.28	200.1	135	30.6	18.9	487	1.53	6.5	1.7	1.5	7.8	119.5	2.16	0.23	0.63	18	6.78
736817	Rock Pulp	3.80	12.04	11.70	47.18	2176	261	10.1	4.0	1640	0.84	15.6	3.7	0.4	3.3	287.9	12.91	0.55	1.19	7	21.50
736818	Rock Pulp	5.70	15.02	46.18	3.61	50.4	149	25.0	10.8	596	1.70	5.2	1.6	1.3	9.2	60.0	0.18	0.12	0.25	17	3.10
736819	Rock Pulp	6.30	298.2	47.40	6.25	5730	149	35.0	10.6	1024	2.05	12.1	7.1	1.1	13.2	158.8	40.28	0.27	0.34	35	4.39
736820	Rock Pulp	5.70	27.61	21.55	10.07	322.6	101	15.4	7.0	221	0.80	10.5	5.4	1.3	15.0	27.8	3.07	0.35	0.18	10	1.28
736821	Rock Pulp	6.00	240.4	6.13	55.67	1998	231	7.2	2.4	1055	1.11	2.6	6.1	0.4	8.8	305.5	13.24	0.29	0.27	16	13.80

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**CERTIFICATE OF ANALYSIS**

**VAN07002654.2**

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
				P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
				0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
736792	Rock Pulp			0.050	10.9	58.3	0.95	76.3	0.100	3	2.12	0.073	0.52	1.4	5.3	0.35	0.72	<5	0.2	0.03	7.5	6.81	<0.1
736793	Rock Pulp			0.032	6.8	73.5	1.06	103.9	0.136	2	2.52	0.077	0.84	<0.1	7.4	0.57	0.80	<5	0.1	0.04	8.7	10.07	<0.1
736794	Rock Pulp			0.049	14.0	58.3	1.07	62.3	0.113	2	2.27	0.084	0.44	1.6	5.1	0.37	0.82	<5	0.3	<0.02	8.0	6.46	<0.1
736795	Rock Pulp			0.048	15.2	36.1	1.59	136.7	0.104	3	1.81	0.044	0.22	1.1	3.1	0.12	0.84	<5	0.7	<0.02	5.4	2.20	0.1
736796	Rock Pulp			0.033	5.1	7.8	1.76	140.0	0.030	<1	0.70	0.015	0.30	<0.1	1.3	0.22	0.37	<5	0.6	<0.02	1.5	0.89	<0.1
736797	Rock Pulp			0.026	6.9	5.8	0.52	116.8	0.018	2	0.75	0.011	0.09	<0.1	1.4	0.07	0.47	<5	1.1	<0.02	2.0	0.49	<0.1
736798	Rock Pulp			0.051	2.1	2.3	3.50	97.2	0.005	<1	0.09	0.003	0.07	<0.1	0.4	0.06	0.16	<5	0.3	<0.02	0.3	0.19	<0.1
736799	Rock Pulp			0.057	1.5	2.0	1.83	67.2	0.004	2	0.07	0.003	0.05	<0.1	0.2	0.03	0.16	<5	0.5	<0.02	0.2	0.18	<0.1
736800	Rock Pulp			0.036	1.1	1.6	2.68	53.1	0.003	<1	0.05	0.002	0.04	<0.1	0.2	0.04	0.14	<5	0.3	<0.02	0.1	0.15	<0.1
736801	Rock Pulp			0.037	1.0	1.2	3.48	42.8	0.002	<1	0.04	0.002	0.03	<0.1	0.1	<0.02	0.11	<5	<0.1	0.05	0.1	0.07	<0.1
736802	Rock Pulp			0.037	1.4	1.6	3.10	49.8	0.002	<1	0.08	0.003	0.05	<0.1	0.2	0.03	0.12	<5	0.3	0.03	0.1	0.20	<0.1
736803	Rock Pulp			0.029	1.0	1.1	2.53	55.2	0.002	<1	0.05	0.003	0.04	<0.1	0.1	<0.02	0.13	<5	0.2	0.03	<0.1	0.18	<0.1
736804	Rock Pulp			0.087	5.6	6.7	3.18	187.2	0.026	3	0.47	0.009	0.26	3.0	0.9	0.18	0.16	<5	0.6	0.03	1.4	1.60	<0.1
736805	Rock Pulp			0.091	2.5	2.3	2.72	137.2	0.005	<1	0.11	0.003	0.08	<0.1	0.3	0.06	0.21	<5	0.7	0.07	0.3	0.28	<0.1
736806	Rock Pulp			0.053	2.0	1.9	3.47	85.4	0.004	<1	0.07	0.002	0.05	0.2	0.3	0.04	0.13	<5	0.4	0.09	0.2	0.25	<0.1
736807	Rock Pulp			0.123	3.4	1.9	2.41	93.1	0.004	<1	0.08	0.003	0.06	<0.1	0.3	0.08	0.18	<5	0.6	0.08	0.2	0.25	<0.1
736808	Rock Pulp			0.246	5.4	3.3	2.98	140.0	0.012	2	0.19	0.007	0.14	0.3	0.6	0.14	0.18	<5	0.9	0.05	0.5	0.56	<0.1
736809	Rock Pulp			0.056	2.8	1.5	1.96	72.9	0.003	1	0.07	0.003	0.05	0.2	0.3	0.06	0.18	<5	0.6	0.10	0.2	0.23	<0.1
736810	Rock Pulp			0.037	1.8	1.5	2.12	43.2	0.003	1	0.05	0.003	0.03	0.1	0.2	0.02	0.16	<5	0.3	0.08	0.1	0.15	<0.1
736811	Rock Pulp			0.096	6.5	5.6	1.14	95.8	0.014	2	0.28	0.011	0.17	0.1	0.7	0.11	0.21	<5	0.6	0.06	0.7	0.59	<0.1
736812	Rock Pulp			0.145	16.4	62.0	2.55	276.3	0.054	2	0.38	0.025	0.25	<0.1	1.5	0.13	0.22	<5	0.7	0.07	1.0	1.44	0.1
736813	Rock Pulp			0.031	1.6	1.3	1.11	67.7	0.002	2	0.05	0.003	0.04	<0.1	0.3	0.04	0.19	<5	0.5	0.10	0.2	0.22	<0.1
736814	Rock Pulp			0.042	9.4	51.2	1.34	67.9	0.130	3	2.53	0.091	0.41	0.4	5.9	0.30	1.00	<5	3.6	0.08	8.7	4.51	0.2
736815	Rock Pulp			0.036	8.1	38.8	2.44	80.1	0.104	4	2.32	0.089	0.31	1.6	3.8	0.24	1.07	<5	3.3	0.06	7.7	3.94	0.1
736816	Rock Pulp			0.100	11.9	29.8	1.12	90.4	0.084	6	1.77	0.070	0.15	85.9	3.2	0.13	0.73	28	2.9	0.08	6.0	2.28	0.2
736817	Rock Pulp			0.237	11.9	8.4	2.17	97.3	0.029	34	0.66	0.009	0.07	>100	1.5	0.08	0.41	53	0.9	0.06	2.5	1.76	0.4
736818	Rock Pulp			0.046	7.7	29.2	0.55	55.1	0.103	3	1.47	0.067	0.20	83.4	3.1	0.17	0.80	18	2.5	0.02	5.6	2.46	0.1
736819	Rock Pulp			0.112	23.4	42.7	2.51	202.6	0.123	6	1.14	0.085	0.36	25.1	2.5	0.23	0.82	27	1.8	0.06	5.6	8.55	0.2
736820	Rock Pulp			0.026	11.4	17.1	0.45	29.1	0.081	<1	0.41	0.021	0.08	0.8	1.3	0.04	0.43	7	1.8	0.03	2.0	1.01	<0.1
736821	Rock Pulp			0.027	11.3	11.6	5.65	158.0	0.053	14	0.69	0.021	0.14	3.9	1.6	0.14	0.52	27	1.2	0.05	2.6	1.95	0.1



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1400 - 570 Granville St.  
Vancouver BC V6C 3P1 Canada

Project:

JERSEY

Report Date:

February 04, 2008

Page:

2 of 5

Part 3

CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7KP
				Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	W
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
				0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.005
736792	Rock Pulp			<0.02	0.11	36.8	0.8	<0.05	0.4	7.45	19.5	0.03	<1	1.2	77.7	<10	<2	N.A.	N.A.
736793	Rock Pulp			<0.02	0.09	60.3	1.1	<0.05	0.2	3.95	12.1	0.04	<1	0.9	85.4	<10	<2	N.A.	N.A.
736794	Rock Pulp			<0.02	0.20	32.1	0.9	<0.05	0.5	8.81	24.4	0.02	<1	1.0	69.2	<10	<2	N.A.	N.A.
736795	Rock Pulp			0.06	0.33	15.1	0.6	<0.05	1.3	6.70	26.5	<0.02	<1	1.5	50.4	<10	<2	N.A.	N.A.
736796	Rock Pulp			<0.02	0.14	13.9	0.1	<0.05	0.5	2.85	8.6	<0.02	2	0.3	8.4	<10	<2	N.A.	N.A.
736797	Rock Pulp			<0.02	0.32	5.6	0.1	<0.05	0.6	3.60	11.8	<0.02	2	0.2	12.3	<10	<2	N.A.	N.A.
736798	Rock Pulp			<0.02	0.05	2.7	<0.1	<0.05	0.3	2.05	2.9	<0.02	7	<0.1	3.5	<10	<2	N.A.	N.A.
736799	Rock Pulp			<0.02	0.08	2.1	0.3	<0.05	0.3	1.61	2.1	<0.02	6	<0.1	3.7	<10	<2	N.A.	N.A.
736800	Rock Pulp			<0.02	0.05	1.7	0.3	<0.05	0.2	1.10	1.5	<0.02	3	<0.1	2.7	<10	<2	N.A.	N.A.
736801	Rock Pulp			<0.02	0.04	1.0	0.4	<0.05	0.2	1.17	1.2	<0.02	2	<0.1	1.6	<10	<2	N.A.	N.A.
736802	Rock Pulp			<0.02	0.05	2.1	<0.1	<0.05	0.2	1.53	1.6	<0.02	2	<0.1	4.4	<10	<2	N.A.	N.A.
736803	Rock Pulp			<0.02	0.05	2.4	<0.1	<0.05	<0.1	1.25	1.2	<0.02	3	<0.1	1.3	<10	<2	N.A.	N.A.
736804	Rock Pulp			0.04	0.24	16.9	0.2	<0.05	1.3	3.89	9.4	<0.02	3	0.3	12.8	<10	<2	N.A.	N.A.
736805	Rock Pulp			<0.02	0.08	3.7	1.8	<0.05	0.7	2.91	3.1	<0.02	9	<0.1	2.9	<10	<2	N.A.	N.A.
736806	Rock Pulp			<0.02	0.06	2.6	0.7	<0.05	0.3	2.58	2.4	<0.02	3	<0.1	3.1	<10	<2	N.A.	N.A.
736807	Rock Pulp			<0.02	0.09	3.4	1.7	<0.05	0.2	6.74	2.7	<0.02	8	<0.1	2.3	<10	<2	N.A.	N.A.
736808	Rock Pulp			0.06	0.30	9.1	<0.1	<0.05	3.4	9.12	4.7	<0.02	9	0.1	2.3	<10	<2	N.A.	N.A.
736809	Rock Pulp			0.02	0.16	3.1	0.3	<0.05	1.0	4.98	2.0	<0.02	7	<0.1	1.0	<10	<2	N.A.	N.A.
736810	Rock Pulp			<0.02	0.08	2.1	<0.1	<0.05	0.5	2.78	1.5	<0.02	4	<0.1	0.9	<10	<2	N.A.	N.A.
736811	Rock Pulp			0.05	0.22	8.4	0.9	<0.05	1.8	9.36	6.1	<0.02	5	0.1	3.2	<10	<2	N.A.	N.A.
736812	Rock Pulp			0.13	0.52	11.8	0.2	<0.05	5.2	7.08	24.4	<0.02	6	0.1	4.1	<10	<2	N.A.	N.A.
736813	Rock Pulp			<0.02	0.08	1.8	<0.1	<0.05	0.3	2.09	1.6	<0.02	7	<0.1	1.2	<10	<2	N.A.	N.A.
736814	Rock Pulp			0.05	0.28	40.8	2.0	<0.05	1.0	5.10	16.5	0.03	<1	0.8	33.1	<10	<2	N.A.	N.A.
736815	Rock Pulp			0.06	0.24	32.2	0.5	<0.05	1.4	4.99	14.6	0.02	<1	0.8	37.0	<10	<2	N.A.	N.A.
736816	Rock Pulp			0.07	0.27	15.1	1.0	<0.05	1.7	6.31	19.6	0.07	<1	1.2	27.2	<10	<2	N.A.	N.A.
736817	Rock Pulp			0.08	0.20	5.3	3.6	<0.05	2.7	8.30	19.8	0.17	<1	2.5	14.9	<10	<2	N.A.	0.033
736818	Rock Pulp			0.05	0.39	16.7	1.0	<0.05	1.3	4.71	14.8	0.05	2	1.3	33.6	<10	<2	N.A.	N.A.
736819	Rock Pulp			0.32	0.83	27.2	2.1	<0.05	11.5	9.63	41.1	0.42	5	4.8	26.1	<10	2	N.A.	N.A.
736820	Rock Pulp			0.09	0.83	5.4	0.4	<0.05	2.4	9.11	20.6	0.03	5	1.2	12.0	<10	<2	N.A.	N.A.
736821	Rock Pulp			0.12	0.38	10.4	0.7	<0.05	2.2	9.09	19.6	0.05	7	3.6	21.9	37	<2	N.A.	N.A.

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Project:

JERSEY

Report Date:

February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736822	Rock Pulp	6.80	4.16	2.22	18.82	51.5	66	10.2	0.6	80	0.13	1.2	10.1	<0.2	0.8	272.6	0.78	0.10	0.11	9	37.58
736823	Rock Pulp	1.40	60.31	4.54	26.60	72.2	103	2.1	0.4	3669	0.68	1.0	5.5	10.3	6.2	148.1	1.01	0.24	1.08	11	25.58
736824	Rock Pulp	3.90	2.92	17.08	13.81	30.1	32	31.8	6.5	412	0.95	0.5	4.3	0.8	1.8	600.2	0.39	0.05	0.19	32	32.34
736825	Rock Pulp	2.70	116.1	270.6	10.37	23.2	389	3.9	17.0	1478	9.13	11.1	5.8	38.5	4.1	106.3	0.20	0.30	12.47	7	16.06
736826	Rock Pulp	5.20	19.92	3.61	15.77	30.8	29	0.6	0.9	428	0.59	11.1	11.4	2.9	24.2	37.8	0.06	0.35	0.89	3	0.79
736827	Rock Pulp	4.90	22.78	10.31	8.14	41.4	21	9.6	3.0	507	1.11	8.3	7.6	3.1	19.3	73.7	0.03	0.31	0.37	12	0.92
736828	Rock Pulp	5.70	7.96	2.87	5.98	43.7	31	1.1	1.3	479	0.85	3.4	8.2	2.6	21.8	19.7	0.04	0.15	2.61	9	0.29
736829	Rock Pulp	1.40	>2000	1.59	16.01	17.9	51	1.0	0.6	1101	0.40	3.7	10.3	15.6	13.5	139.7	0.62	0.23	13.55	<2	3.13
736830	Rock Pulp	4.80	14.58	9.80	6.75	19.5	12	1.0	1.5	344	0.72	4.8	14.8	3.0	23.4	30.7	0.01	0.32	0.61	5	0.75
736831	Rock Pulp	3.90	18.44	12.77	9.34	37.4	18	20.6	6.3	1087	1.48	7.0	9.2	1.6	18.7	126.6	0.04	1.61	0.46	26	2.53
736832	Rock Pulp	6.60	8.96	4.52	5.20	36.9	8	1.1	1.4	510	0.92	1.3	9.3	6.8	19.3	20.3	0.02	0.05	0.86	8	0.29
736833	Rock Pulp	5.20	7.84	10.23	5.87	41.6	13	28.2	6.9	594	1.48	1.0	7.2	1.7	12.6	117.9	0.03	0.05	0.61	20	0.75
736834	Rock Pulp	6.10	130.9	2.47	4.49	35.8	4	1.3	1.4	491	0.92	0.5	9.2	3.4	16.2	14.8	0.07	0.03	0.39	9	0.23
736835	Rock Pulp	5.50	7.80	1.95	4.33	34.7	<2	1.1	1.4	463	0.96	0.2	7.7	7.1	16.9	15.5	0.02	0.04	0.94	11	0.25
736836	Rock Pulp	5.80	5.70	0.85	5.69	36.2	4	1.2	1.3	474	0.99	0.4	7.6	1.7	16.8	25.2	0.04	0.04	0.35	9	0.38
736837	Rock Pulp	5.90	12.63	1.15	8.07	54.8	9	1.3	1.9	585	1.27	0.4	9.5	1.3	15.9	14.3	0.02	0.04	0.05	15	0.22
736838	Rock Pulp	5.90	8.59	1.51	7.96	36.2	7	1.2	1.3	509	0.91	1.0	12.3	1.5	16.1	19.8	0.01	0.11	0.05	9	0.32
736839	Rock Pulp	5.90	7.55	2.65	5.50	33.6	7	1.1	1.3	466	0.84	0.7	11.1	1.9	15.7	14.3	0.01	0.05	0.10	9	0.20
736840	Rock Pulp	5.60	14.81	3.58	5.20	36.7	8	1.1	1.5	502	0.93	0.4	9.3	2.1	16.3	14.9	<0.01	0.03	0.16	10	0.22
736841	Rock Pulp	6.60	16.20	3.10	4.71	37.0	6	1.3	1.5	539	0.94	0.3	11.5	1.8	17.5	13.5	<0.01	0.04	0.40	11	0.20
736842	Rock Pulp	5.70	199.8	1.92	7.03	37.5	17	1.2	1.6	695	0.92	0.8	12.1	1.5	17.7	26.2	<0.01	0.17	0.26	10	0.61
736843	Rock Pulp	6.00	65.27	1.66	10.99	42.5	16	1.4	1.8	621	1.08	0.3	10.3	1.0	14.3	15.3	0.02	0.10	0.13	12	0.28
736844	Rock Pulp	4.00	24.84	4.78	7.21	42.2	25	1.3	1.7	507	1.01	1.0	9.9	1.6	13.0	9.4	0.03	0.12	0.14	11	0.18
736845	Rock Pulp	4.70	2.42	4.15	5.73	45.7	39	1.5	2.0	602	1.10	1.1	11.4	1.2	13.6	12.1	0.02	0.04	0.15	13	0.28
736846	Rock Pulp	5.30	4.24	3.85	8.72	33.3	38	1.2	1.3	496	0.91	1.0	14.0	1.3	16.0	9.9	0.03	0.09	0.13	11	0.18
736847	Rock Pulp	2.80	13.60	33.40	8.41	45.2	3138	3.3	1.2	508	0.95	0.7	19.5	1.7	21.5	14.2	0.05	0.16	0.36	9	0.44
736848	Rock Pulp	5.90	2.06	1.35	9.17	41.6	38	1.0	1.3	547	0.98	0.5	17.5	2.8	23.6	11.3	0.02	0.16	0.58	10	0.20
736849	Rock Pulp	5.50	49.71	2.93	16.38	23.6	45	1.0	0.8	327	0.61	1.1	15.6	1.7	17.7	8.4	0.02	0.46	0.24	4	0.16
736850	Rock Pulp	5.50	5.17	1.54	16.89	20.2	63	1.0	0.7	117	0.57	3.3	17.6	1.1	13.3	5.3	0.02	1.32	0.15	<2	0.08
736851	Rock Pulp	2.80	13.46	37.95	17.47	150.6	2546	25.5	3.2	264	1.36	24.2	11.9	2.3	18.6	14.8	0.14	2.15	0.25	6	0.51

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Project: JERSEY  
 Report Date: February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736822	Rock Pulp	0.171	4.9	2.2	0.24	1608	0.009	3	0.09	0.005	0.03	0.9	0.4	<0.02	0.39	<5	0.7	0.03	0.2	0.09	<0.1
736823	Rock Pulp	0.062	10.6	2.1	0.17	90.2	0.008	5	0.45	0.007	0.02	>100	2.3	0.03	0.17	144	0.6	0.30	4.0	0.46	1.3
736824	Rock Pulp	0.142	12.1	29.4	0.77	352.1	0.091	84	0.51	0.016	0.25	23.8	1.1	0.12	0.17	<5	0.7	0.07	2.1	1.07	0.1
736825	Rock Pulp	0.073	7.3	1.8	0.12	59.8	0.003	4	0.50	0.030	0.04	>100	1.1	0.04	4.40	44	5.7	0.80	3.7	0.89	0.1
736826	Rock Pulp	0.017	18.1	4.2	0.13	466.1	0.010	3	0.29	0.030	0.11	23.9	2.1	0.08	0.09	<5	0.2	<0.02	1.6	1.84	<0.1
736827	Rock Pulp	0.048	20.1	31.1	0.42	183.6	0.046	2	0.58	0.100	0.25	>100	3.0	0.17	0.10	8	0.3	0.02	2.7	23.26	<0.1
736828	Rock Pulp	0.024	22.0	6.1	0.19	57.4	0.046	2	0.41	0.033	0.21	1.8	2.6	0.18	0.04	6	0.1	0.05	2.5	2.32	<0.1
736829	Rock Pulp	0.078	12.0	4.3	0.09	24.7	0.002	3	0.24	0.019	0.10	>100	1.0	0.05	0.19	11	0.6	0.57	1.3	1.02	<0.1
736830	Rock Pulp	0.031	23.2	7.0	0.17	28.5	0.007	2	0.39	0.037	0.08	43.6	2.0	0.09	0.13	8	0.2	0.05	2.4	2.46	<0.1
736831	Rock Pulp	0.060	27.5	48.0	0.70	144.8	0.043	3	0.90	0.025	0.25	3.7	5.0	0.19	0.10	<5	0.2	0.02	3.7	3.63	<0.1
736832	Rock Pulp	0.027	22.7	6.8	0.19	62.4	0.052	2	0.43	0.032	0.24	2.6	2.9	0.21	0.05	<5	<0.1	0.02	2.9	2.45	<0.1
736833	Rock Pulp	0.056	16.9	18.1	0.93	305.5	0.072	3	0.59	0.093	0.33	0.9	3.6	0.22	0.06	<5	0.1	0.03	2.8	17.57	<0.1
736834	Rock Pulp	0.028	16.7	6.2	0.20	70.8	0.062	1	0.46	0.036	0.28	36.1	3.2	0.25	0.05	<5	0.1	0.02	3.0	2.45	<0.1
736835	Rock Pulp	0.028	17.5	6.5	0.20	68.9	0.064	<1	0.43	0.032	0.28	1.7	3.4	0.24	0.02	<5	0.2	<0.02	3.2	2.54	<0.1
736836	Rock Pulp	0.029	17.7	5.7	0.19	63.7	0.054	2	0.44	0.030	0.25	>100	2.7	0.20	<0.02	<5	<0.1	0.07	2.8	2.20	<0.1
736837	Rock Pulp	0.036	18.7	5.8	0.28	102.9	0.099	<1	0.67	0.025	0.40	0.3	3.5	0.28	<0.02	<5	<0.1	<0.02	3.8	2.76	<0.1
736838	Rock Pulp	0.025	12.8	5.3	0.20	65.4	0.059	1	0.53	0.020	0.27	0.7	3.1	0.25	0.02	<5	0.2	<0.02	3.6	2.65	<0.1
736839	Rock Pulp	0.022	11.8	5.8	0.18	67.6	0.062	<1	0.45	0.027	0.28	0.3	2.9	0.26	0.03	<5	0.1	<0.02	3.0	2.68	<0.1
736840	Rock Pulp	0.024	13.4	5.8	0.20	76.7	0.069	1	0.45	0.038	0.31	0.2	3.2	0.28	0.04	<5	<0.1	<0.02	3.2	3.02	<0.1
736841	Rock Pulp	0.026	14.0	7.3	0.20	86.9	0.074	1	0.49	0.040	0.32	0.2	3.0	0.29	0.03	<5	0.1	<0.02	3.2	3.01	<0.1
736842	Rock Pulp	0.030	15.0	5.2	0.21	79.6	0.059	1	0.56	0.021	0.27	0.3	2.9	0.24	0.03	<5	0.2	<0.02	3.4	2.87	<0.1
736843	Rock Pulp	0.032	15.3	6.1	0.23	90.7	0.072	<1	0.59	0.028	0.31	0.2	3.0	0.31	<0.02	<5	0.1	<0.02	3.8	3.10	0.1
736844	Rock Pulp	0.029	14.9	5.7	0.23	68.5	0.068	1	0.59	0.023	0.29	0.2	3.0	0.27	0.03	<5	0.2	<0.02	3.6	3.04	<0.1
736845	Rock Pulp	0.032	14.1	7.1	0.25	85.6	0.086	<1	0.56	0.035	0.34	0.4	3.3	0.33	0.05	<5	0.2	<0.02	4.0	3.51	<0.1
736846	Rock Pulp	0.025	11.9	5.5	0.18	69.5	0.067	2	0.47	0.031	0.29	0.4	2.9	0.28	0.04	<5	0.2	<0.02	3.1	2.81	<0.1
736847	Rock Pulp	0.021	13.4	13.7	0.20	77.5	0.064	2	0.45	0.034	0.27	26.4	3.2	0.28	0.02	10	0.2	<0.02	3.0	4.42	<0.1
736848	Rock Pulp	0.024	13.2	5.5	0.20	75.3	0.069	1	0.52	0.031	0.31	0.3	3.3	0.28	0.03	<5	0.2	<0.02	3.3	4.38	<0.1
736849	Rock Pulp	0.011	9.3	5.2	0.11	38.3	0.019	2	0.34	0.025	0.12	0.4	2.0	0.11	0.04	7	0.2	<0.02	2.2	2.22	<0.1
736850	Rock Pulp	0.010	7.5	3.9	0.11	17.6	<0.001	2	0.34	0.008	0.08	0.1	1.1	0.08	0.03	6	0.2	<0.02	2.1	3.57	<0.1
736851	Rock Pulp	0.033	12.8	21.5	0.36	74.6	0.004	2	0.73	0.011	0.10	20.0	2.2	0.10	0.03	10	0.4	<0.02	4.4	5.12	<0.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: JERSEY  
Report Date: February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	Analyte	Unit	MDL	1F15 Hf	1F15 Nb	1F15 Rb	1F15 Sn	1F15 Ta	1F15 Zr	1F15 Y	1F15 Ce	1F15 In	1F15 Re	1F15 Be	1F15 Li	1F15 Pd	1F15 Pt	7TD Mo	7KP W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.1	10	2	0.001	0.005	
736822	Rock Pulp	0.03	0.27	1.3	1.3	<0.05	1.3	6.27	5.8	<0.02	11	0.1	1.2	<10	<2	N.A.	N.A.		
736823	Rock Pulp	0.08	1.60	1.4	6.3	<0.05	1.2	6.33	17.3	0.21	9	2.0	5.0	11	<2	N.A.	0.368		
736824	Rock Pulp	0.17	0.82	13.1	0.5	<0.05	9.2	7.01	18.5	0.03	3	<0.1	13.8	<10	2	N.A.	N.A.		
736825	Rock Pulp	<0.02	0.44	2.8	0.7	<0.05	0.4	14.48	12.9	0.09	3	4.8	3.2	<10	<2	N.A.	1.740		
736826	Rock Pulp	0.06	2.26	9.8	7.2	<0.05	1.7	13.25	30.4	<0.02	<1	1.0	11.6	<10	<2	N.A.	N.A.		
736827	Rock Pulp	0.14	1.02	19.9	0.3	<0.05	4.0	12.45	33.7	<0.02	<1	0.9	33.1	<10	<2	N.A.	0.023		
736828	Rock Pulp	0.07	2.12	24.6	0.8	<0.05	1.5	14.87	35.6	0.02	<1	0.4	32.9	<10	<2	N.A.	N.A.		
736829	Rock Pulp	0.03	2.22	7.5	0.2	<0.05	0.6	24.30	20.9	<0.02	35	1.0	7.9	222	<2	0.242	0.021		
736830	Rock Pulp	0.02	2.18	11.6	0.8	<0.05	0.7	20.87	39.6	<0.02	<1	1.5	20.0	<10	<2	N.A.	N.A.		
736831	Rock Pulp	0.08	0.51	22.0	3.4	<0.05	3.0	26.23	45.1	<0.02	<1	2.5	39.6	<10	<2	N.A.	N.A.		
736832	Rock Pulp	0.09	2.22	28.3	0.5	<0.05	1.6	15.07	38.1	<0.02	<1	0.4	34.7	<10	<2	N.A.	N.A.		
736833	Rock Pulp	0.15	1.06	29.9	0.4	<0.05	5.1	12.57	29.6	<0.02	<1	0.7	31.9	<10	<2	N.A.	N.A.		
736834	Rock Pulp	0.08	2.73	34.2	0.3	<0.05	1.6	12.63	27.6	<0.02	1	0.5	36.9	<10	<2	N.A.	N.A.		
736835	Rock Pulp	0.07	2.55	32.0	0.6	<0.05	1.4	13.28	28.3	<0.02	<1	0.4	34.2	<10	<2	N.A.	N.A.		
736836	Rock Pulp	0.07	2.00	26.8	0.4	<0.05	1.5	11.51	28.1	0.02	<1	0.4	29.6	<10	<2	N.A.	0.019		
736837	Rock Pulp	0.17	1.73	38.1	2.6	<0.05	3.8	13.84	29.5	<0.02	<1	0.6	42.2	<10	<2	N.A.	N.A.		
736838	Rock Pulp	0.29	2.72	31.6	1.0	<0.05	5.7	13.24	21.6	0.02	<1	0.5	36.5	<10	<2	N.A.	N.A.		
736839	Rock Pulp	0.22	2.53	34.3	0.6	<0.05	4.3	11.32	20.1	0.02	<1	0.4	34.2	<10	<2	N.A.	N.A.		
736840	Rock Pulp	0.19	2.72	37.6	0.8	<0.05	3.9	11.40	22.4	<0.02	1	0.4	40.3	<10	<2	N.A.	N.A.		
736841	Rock Pulp	0.19	2.42	39.7	0.9	<0.05	3.6	11.27	23.9	0.02	<1	0.3	42.7	<10	<2	N.A.	N.A.		
736842	Rock Pulp	0.20	2.26	31.9	0.9	<0.05	3.9	12.94	24.7	<0.02	2	0.6	35.4	17	<2	N.A.	N.A.		
736843	Rock Pulp	0.19	2.33	39.5	4.7	<0.05	3.5	11.28	25.5	<0.02	3	0.4	42.5	<10	<2	N.A.	N.A.		
736844	Rock Pulp	0.22	2.80	37.8	1.2	<0.05	3.7	11.55	24.7	0.02	2	0.4	41.5	<10	<2	N.A.	N.A.		
736845	Rock Pulp	0.17	2.58	47.0	0.8	<0.05	3.6	11.52	22.1	0.03	<1	0.3	48.2	<10	<2	N.A.	N.A.		
736846	Rock Pulp	0.21	2.53	35.7	1.1	<0.05	4.7	12.39	20.6	0.02	<1	0.3	43.8	<10	<2	N.A.	N.A.		
736847	Rock Pulp	0.28	2.82	36.3	2.2	<0.05	5.8	12.48	22.9	0.03	<1	0.5	48.3	<10	<2	N.A.	N.A.		
736848	Rock Pulp	0.34	2.71	37.8	1.6	<0.05	6.1	12.92	22.9	0.03	<1	1.0	57.7	<10	<2	N.A.	N.A.		
736849	Rock Pulp	0.32	2.77	14.0	0.8	<0.05	5.5	12.28	16.5	<0.02	<1	0.5	25.4	<10	<2	N.A.	N.A.		
736850	Rock Pulp	0.16	0.69	8.1	0.3	<0.05	4.4	11.25	13.9	<0.02	<1	0.8	11.7	<10	<2	N.A.	N.A.		
736851	Rock Pulp	0.17	0.29	10.0	0.8	<0.05	5.0	17.05	22.5	0.02	<1	2.0	20.4	<10	<2	N.A.	N.A.		

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**CERTIFICATE OF ANALYSIS**

**VAN07002654.2**

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736852	Rock Pulp	3.90	0.56	1.56	16.26	23.9	26	1.7	0.7	534	0.57	3.1	5.4	1.3	26.5	25.5	0.02	0.51	0.35	4	0.70
736853	Rock Pulp	4.60	0.46	1.60	13.04	27.1	21	1.0	0.7	398	0.63	1.0	5.8	1.8	24.4	9.0	0.02	0.23	0.54	4	0.19
736854	Rock Pulp	5.70	0.67	0.88	11.06	25.2	11	0.9	0.6	453	0.59	0.5	13.7	1.5	23.4	7.5	0.01	0.15	0.66	4	0.17
736855	Rock Pulp	5.60	1.08	0.73	16.43	16.8	6	0.8	0.5	375	0.42	0.6	27.6	2.7	22.5	10.7	0.01	0.24	0.14	2	0.50
736856	Rock Pulp	5.10	4.17	5.06	7.33	43.2	50	17.4	2.1	54	0.48	3.4	2.6	1.0	1.7	155.6	0.56	0.35	0.03	22	33.85
736857	Rock Pulp	5.30	7.69	4.02	6.40	38.5	93	15.9	2.5	52	0.41	14.2	3.4	1.6	0.9	164.2	0.59	0.67	0.04	13	33.25
736858	Rock Pulp	6.20	1.08	4.90	12.63	30.0	161	6.6	1.5	107	0.57	0.3	2.9	0.8	2.2	205.8	0.27	0.26	0.06	11	28.25
736859	Rock Pulp	6.00	1.15	4.06	6.71	10.8	96	7.0	1.7	78	0.43	1.9	1.9	3.5	2.5	178.0	0.13	0.18	0.03	6	30.95
736860	Rock Pulp	5.70	0.54	0.63	8.95	17.7	22	5.1	<0.1	47	<0.01	5.2	2.8	0.9	0.2	217.1	0.29	0.13	0.06	3	19.66
736861	Rock Pulp	5.50	0.57	0.97	4.88	10.4	13	1.3	0.1	31	0.01	1.4	3.7	0.6	0.3	227.9	0.15	0.14	0.05	4	22.74
736862	Rock Pulp	5.50	0.49	0.56	4.52	7.4	14	2.1	<0.1	124	<0.01	1.5	1.7	10432	0.2	254.6	0.08	0.27	0.03	4	24.44
736863	Rock Pulp	1.20	17.63	12.55	277.6	374.2	4778	1.2	0.5	2159	0.45	18.8	9.1	7.8	6.5	139.4	3.96	0.31	14.08	<2	12.56
736864	Rock Pulp	3.80	4.04	3.22	3.62	13.7	11	5.0	1.5	198	0.27	1.3	3.2	<0.2	0.6	219.7	0.12	0.12	0.16	7	19.53
736865	Rock Pulp	2.10	2.94	2.13	11.97	26.4	76	0.6	0.2	589	0.27	2.5	10.6	2.4	19.0	39.2	0.12	0.28	1.22	<2	2.67
736866	Rock Pulp	5.80	1.06	1.12	6.35	15.1	21	3.1	0.2	36	<0.01	2.6	2.6	<0.2	0.3	246.2	0.22	0.16	0.03	7	21.69
736867	Rock Pulp	5.90	1.14	0.83	13.29	10.9	23	2.2	0.1	57	0.01	2.5	3.8	<0.2	0.2	358.9	0.26	0.23	<0.02	7	20.40
736868	Rock Pulp	5.80	0.74	0.11	10.19	6.8	18	1.3	<0.1	30	<0.01	0.2	4.3	<0.2	<0.1	197.8	0.13	0.13	<0.02	<2	20.46
736869	Rock Pulp	6.00	1.33	1.38	6.94	3.8	12	2.4	0.2	39	<0.01	0.2	9.7	10765	0.4	231.0	0.12	0.04	<0.02	3	24.18
736870	Rock Pulp	5.30	1.27	0.41	6.90	7.5	8	2.7	<0.1	59	<0.01	<0.1	6.1	<0.2	0.3	262.4	0.15	0.30	<0.02	8	22.38
736871	Rock Pulp	5.80	2.23	1.38	10.29	16.5	18	3.1	0.3	63	0.09	0.6	7.2	0.5	0.7	192.0	0.43	0.05	0.03	25	22.10
736872	Rock Pulp	5.50	2.20	3.04	11.08	13.8	37	4.2	0.4	58	0.18	0.2	5.5	<0.2	0.7	203.1	0.41	0.08	0.03	11	22.36
736873	Rock Pulp	6.70	5.51	1.77	9.01	18.9	36	7.4	0.5	76	0.14	0.5	10.8	0.5	0.5	241.0	0.43	0.16	0.02	21	18.52
736874	Rock Pulp	4.70	5.99	19.82	3.12	125.7	41	7.5	4.0	1837	1.14	3.4	2.2	3.1	3.1	74.8	0.52	0.15	3.19	5	8.15
736875	Rock Pulp	4.10	2.86	17.94	6.18	44.0	62	24.5	8.5	1564	1.32	3.9	4.8	14.8	5.1	241.8	0.45	0.15	4.38	15	18.33
736876	Rock Pulp	5.20	3.74	64.29	5.11	39.6	207	23.9	11.9	163	1.94	0.5	1.6	0.8	11.2	61.3	0.10	0.03	0.34	29	2.14
736877	Rock Pulp	4.00	21.34	44.85	5.92	34.4	207	26.2	12.0	120	2.18	0.8	2.4	1.0	12.2	45.6	0.07	0.06	0.29	36	1.51
736878	Rock Pulp	4.70	12.93	35.35	5.65	33.8	191	26.2	11.7	470	2.14	1.3	4.5	1.1	12.7	49.8	0.06	0.13	1.38	29	1.94
736879	Rock Pulp	3.70	0.25	77.45	5.83	70.7	169	37.1	18.6	209	3.33	4.1	1.1	1.2	9.6	60.4	0.18	0.44	0.60	20	1.90
736880	Rock Pulp	5.50	12.50	23.49	5.52	341.6	63	12.7	6.9	452	0.75	1.3	4.5	1.3	8.6	183.9	6.26	0.30	0.89	6	11.92
736881	Rock Pulp	5.80	0.21	2.52	85.67	1665	270	4.4	1.8	581	1.09	7.2	1.8	0.8	0.4	251.4	11.74	0.69	0.16	<2	23.29



**CERTIFICATE OF ANALYSIS**

**VAN07002654.2**

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
				P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
				0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
736852	Rock Pulp			0.010	13.0	4.0	0.11	35.0	0.019	1	0.37	0.017	0.11	0.2	2.2	0.12	<0.02	<5	<0.1	<0.02	2.5	2.72	<0.1
736853	Rock Pulp			0.009	11.9	4.6	0.10	37.2	0.028	<1	0.34	0.020	0.15	0.3	2.3	0.15	<0.02	<5	0.1	<0.02	2.3	2.93	<0.1
736854	Rock Pulp			0.007	10.4	5.0	0.09	32.5	0.026	2	0.32	0.031	0.16	0.2	2.2	0.17	<0.02	<5	0.2	<0.02	2.2	3.69	<0.1
736855	Rock Pulp			0.006	9.0	7.0	0.06	14.9	0.014	1	0.22	0.033	0.12	16.5	1.6	0.11	<0.02	<5	0.3	0.02	1.5	2.31	<0.1
736856	Rock Pulp			0.050	7.0	5.8	0.44	80.7	0.015	1	0.29	0.028	0.09	0.1	0.8	0.14	0.45	<5	1.2	0.12	0.9	1.05	<0.1
736857	Rock Pulp			0.032	3.6	2.8	0.41	49.3	0.005	1	0.13	0.009	0.03	0.1	0.6	0.07	0.53	<5	0.8	0.10	0.4	0.37	<0.1
736858	Rock Pulp			0.032	6.0	7.7	3.67	229.6	0.028	1	0.81	0.016	0.37	<0.1	1.3	0.18	0.33	<5	0.7	0.07	1.6	1.12	<0.1
736859	Rock Pulp			0.033	5.5	3.9	1.82	90.8	0.016	2	0.78	0.013	0.12	<0.1	1.1	0.08	0.35	6	0.6	0.09	1.8	0.45	<0.1
736860	Rock Pulp			0.027	1.4	0.8	4.29	35.8	0.003	<1	0.06	0.002	0.05	<0.1	<0.1	0.04	<0.02	<5	0.2	0.02	0.2	0.15	<0.1
736861	Rock Pulp			0.050	1.2	1.4	2.70	68.2	0.004	<1	0.10	0.003	0.06	<0.1	0.2	0.03	0.02	<5	0.2	<0.02	0.3	0.14	<0.1
736862	Rock Pulp			0.023	1.0	1.2	1.33	49.3	0.001	<1	0.04	0.003	0.01	<0.1	<0.1	<0.02	<0.02	<5	0.1	0.04	0.1	0.29	<0.1
736863	Rock Pulp			0.030	2.3	1.3	0.80	28.5	<0.001	5	0.19	0.007	0.14	4.0	0.7	0.12	0.33	<5	0.3	0.06	0.8	2.36	<0.1
736864	Rock Pulp			0.048	2.8	7.8	3.79	285.9	0.018	7	0.22	0.013	0.11	5.9	0.7	0.05	<0.02	<5	0.2	0.04	1.0	1.10	0.1
736865	Rock Pulp			0.008	8.3	3.2	0.80	23.8	0.005	5	0.20	0.026	0.11	2.2	1.7	0.11	<0.02	<5	0.2	<0.02	1.1	4.29	<0.1
736866	Rock Pulp			0.024	1.0	0.9	2.67	87.8	0.003	<1	0.08	0.002	0.06	0.2	0.1	0.04	<0.02	<5	0.3	0.03	0.2	0.20	<0.1
736867	Rock Pulp			0.045	1.7	0.7	4.05	59.6	0.002	<1	0.04	0.001	0.03	<0.1	0.1	0.02	<0.02	<5	0.5	0.04	0.1	0.12	<0.1
736868	Rock Pulp			0.090	1.7	0.6	2.96	50.2	0.002	<1	0.04	0.002	0.03	<0.1	0.1	0.02	<0.02	<5	0.2	0.02	0.1	0.12	<0.1
736869	Rock Pulp			0.155	3.9	1.1	0.61	85.6	0.004	<1	0.17	0.004	0.07	0.1	0.3	0.06	<0.02	<5	0.4	0.03	0.4	0.19	<0.1
736870	Rock Pulp			0.077	3.6	1.9	3.30	125.4	0.005	1	0.12	0.002	0.09	0.2	0.3	0.05	<0.02	<5	0.2	<0.02	0.3	0.41	<0.1
736871	Rock Pulp			0.099	5.4	3.3	1.68	157.9	0.012	1	0.25	0.012	0.17	0.2	0.6	0.14	<0.02	<5	0.4	0.03	0.6	0.82	<0.1
736872	Rock Pulp			0.072	6.4	2.5	0.72	179.2	0.010	<1	0.21	0.005	0.09	0.1	0.5	0.07	<0.02	<5	0.7	0.03	0.6	0.38	<0.1
736873	Rock Pulp			0.181	6.4	3.3	6.82	212.9	0.008	2	0.16	0.004	0.12	0.3	0.7	0.11	<0.02	<5	0.5	0.03	0.4	0.42	<0.1
736874	Rock Pulp			0.129	11.4	3.0	1.22	43.4	0.016	9	0.85	0.029	0.03	91.6	0.6	0.04	0.34	<5	0.5	0.20	3.1	0.27	0.2
736875	Rock Pulp			0.309	19.8	36.9	4.28	382.0	0.052	7	1.16	0.056	0.34	59.4	1.7	0.26	0.36	<5	0.9	0.44	3.4	3.40	0.2
736876	Rock Pulp			0.056	10.5	46.4	1.02	96.3	0.122	4	2.31	0.110	0.42	1.7	5.0	0.30	1.00	<5	2.4	0.06	7.6	2.53	0.1
736877	Rock Pulp			0.030	12.1	55.7	1.20	62.6	0.103	3	2.07	0.089	0.64	0.6	7.1	0.52	1.09	<5	1.8	0.05	8.0	3.91	0.2
736878	Rock Pulp			0.025	10.7	45.2	0.78	63.0	0.057	3	1.28	0.050	0.45	0.1	6.6	0.34	0.93	<5	1.2	0.18	5.4	3.52	<0.1
736879	Rock Pulp			0.027	9.1	32.5	0.91	73.0	0.034	4	1.20	0.041	0.43	<0.1	4.7	0.33	1.63	<5	2.8	0.08	4.4	4.12	<0.1
736880	Rock Pulp			0.250	13.8	12.7	0.20	119.2	0.042	6	1.73	0.072	0.05	7.5	1.5	0.04	0.34	<5	1.4	0.14	4.9	1.41	0.1
736881	Rock Pulp			0.054	4.9	1.3	9.43	239.7	0.004	7	0.10	0.003	0.05	0.2	0.5	0.06	0.75	40	0.8	0.23	0.4	0.38	<0.1



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Project: JERSEY  
 Report Date: February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7KP	
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.005
736852	Rock Pulp	0.36	2.35	14.2	1.0	<0.05	7.1	13.76	23.7	0.02	<1	0.6	25.8	<10	<2	N.A.	N.A.
736853	Rock Pulp	0.31	2.85	20.0	1.0	<0.05	6.5	10.48	20.6	0.02	<1	0.4	38.6	<10	<2	N.A.	N.A.
736854	Rock Pulp	0.27	2.61	23.5	1.1	<0.05	5.4	9.24	19.0	<0.02	<1	0.5	42.1	<10	<2	N.A.	N.A.
736855	Rock Pulp	0.25	5.39	15.9	1.0	<0.05	4.5	13.59	17.3	<0.02	<1	0.3	23.8	<10	<2	N.A.	N.A.
736856	Rock Pulp	0.03	0.22	7.4	0.1	<0.05	1.2	4.51	11.4	<0.02	13	0.1	4.2	<10	<2	N.A.	N.A.
736857	Rock Pulp	<0.02	0.16	2.2	0.2	<0.05	0.3	2.68	6.1	<0.02	21	<0.1	1.4	<10	<2	N.A.	N.A.
736858	Rock Pulp	<0.02	0.09	15.3	<0.1	<0.05	0.6	3.58	11.8	<0.02	1	0.2	8.1	<10	<2	N.A.	N.A.
736859	Rock Pulp	<0.02	0.25	6.6	0.9	<0.05	1.0	3.02	9.8	<0.02	1	0.3	5.2	<10	<2	N.A.	N.A.
736860	Rock Pulp	<0.02	0.07	1.8	1.4	<0.05	0.2	1.11	2.0	<0.02	4	<0.1	2.6	<10	<2	N.A.	N.A.
736861	Rock Pulp	<0.02	0.07	2.2	1.0	<0.05	0.2	0.99	1.9	<0.02	<1	<0.1	2.9	<10	<2	N.A.	N.A.
736862	Rock Pulp	<0.02	0.08	0.9	0.2	<0.05	0.4	0.93	1.5	<0.02	<1	0.2	2.8	<10	<2	N.A.	N.A.
736863	Rock Pulp	0.36	1.69	19.5	9.8	<0.05	6.1	7.23	4.9	0.06	2	0.5	6.6	<10	<2	N.A.	N.A.
736864	Rock Pulp	0.05	0.65	7.6	0.4	<0.05	1.8	2.19	4.9	<0.02	<1	1.4	6.5	<10	<2	N.A.	N.A.
736865	Rock Pulp	0.44	5.68	20.8	2.1	<0.05	9.0	12.89	17.1	0.02	<1	0.6	5.0	<10	3	N.A.	N.A.
736866	Rock Pulp	<0.02	0.09	2.4	<0.1	<0.05	0.4	1.18	1.5	<0.02	4	<0.1	2.1	<10	<2	N.A.	N.A.
736867	Rock Pulp	<0.02	0.09	1.4	0.3	<0.05	0.3	2.68	1.6	<0.02	4	<0.1	1.4	<10	<2	N.A.	N.A.
736868	Rock Pulp	<0.02	0.06	1.4	<0.1	<0.05	0.2	2.97	1.4	<0.02	2	<0.1	1.7	<10	<2	N.A.	N.A.
736869	Rock Pulp	<0.02	0.13	3.8	0.2	<0.05	0.2	6.31	3.6	<0.02	4	<0.1	1.4	<10	<2	N.A.	N.A.
736870	Rock Pulp	0.03	0.14	5.9	0.1	<0.05	0.9	6.87	3.0	<0.02	9	<0.1	2.8	<10	<2	N.A.	N.A.
736871	Rock Pulp	0.07	0.21	11.1	0.1	<0.05	2.2	7.22	5.9	<0.02	6	<0.1	4.1	<10	<2	N.A.	N.A.
736872	Rock Pulp	<0.02	0.21	5.5	0.3	<0.05	0.6	7.43	7.1	<0.02	4	<0.1	2.5	<10	<2	N.A.	N.A.
736873	Rock Pulp	0.08	0.24	6.1	<0.1	<0.05	3.6	9.96	5.9	<0.02	15	<0.1	2.3	<10	<2	N.A.	N.A.
736874	Rock Pulp	0.04	0.46	1.9	0.5	<0.05	0.8	4.13	18.6	0.13	<1	2.8	17.9	<10	<2	N.A.	N.A.
736875	Rock Pulp	0.09	0.27	19.3	0.7	<0.05	4.6	8.93	32.2	0.06	<1	0.9	24.8	<10	2	N.A.	N.A.
736876	Rock Pulp	0.03	0.21	34.5	0.6	<0.05	0.7	5.27	19.5	<0.02	<1	1.0	53.0	<10	<2	N.A.	N.A.
736877	Rock Pulp	0.04	0.10	55.7	0.4	<0.05	0.8	6.70	21.9	0.02	<1	0.9	58.1	<10	<2	N.A.	N.A.
736878	Rock Pulp	0.03	0.20	39.0	0.8	<0.05	0.6	7.60	19.4	0.06	<1	1.2	55.9	<10	<2	N.A.	N.A.
736879	Rock Pulp	<0.02	0.03	30.7	0.5	<0.05	0.2	6.66	16.5	0.03	<1	0.7	51.9	<10	<2	N.A.	N.A.
736880	Rock Pulp	0.06	0.19	4.5	0.8	<0.05	1.9	7.10	24.0	0.12	<1	1.0	12.9	<10	<2	N.A.	N.A.
736881	Rock Pulp	0.03	0.05	2.9	0.1	<0.05	1.0	5.69	7.6	0.03	<1	0.3	3.1	<10	<2	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: JERSEY  
Report Date: February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	NI	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736882	Rock Pulp	4.20	0.16	9.20	10.31	100.6	30	44.1	7.4	609	1.18	7.1	1.3	<0.2	1.1	195.1	0.59	0.23	0.05	16	18.22
736883	Rock Pulp	3.70	41.77	10.98	9.66	87.2	65	8.9	4.5	747	0.61	6.2	6.3	0.7	5.5	229.5	1.14	0.51	1.10	3	20.09
736884	Rock Pulp	5.60	0.89	73.71	6.66	72.1	235	30.6	14.8	174	2.81	3.8	1.4	1.5	9.7	62.1	0.65	0.20	0.25	25	3.20
736885	Rock Pulp	5.10	2.55	24.29	7.50	41.3	169	21.2	11.2	108	1.21	1.3	1.7	1.1	12.0	35.1	0.27	0.10	0.22	14	1.58
736886	Rock Pulp	5.30	11.36	29.03	30.13	9957	309	17.1	6.2	829	1.23	13.4	2.2	3.0	10.4	159.6	93.67	0.68	0.26	13	9.69
736887	Rock Pulp	5.80	6.27	2.61	99.21	1350	356	11.5	1.0	725	0.81	10.7	4.6	1.3	0.6	481.5	14.82	1.13	0.13	29	26.22
736888	Rock Pulp	5.60	11.97	1.18	25.79	102.6	58	7.6	0.6	439	0.15	10.2	5.3	0.8	0.5	543.8	1.25	1.36	0.07	12	34.81
736889	Rock Pulp	6.20	2.24	1.09	8.98	44.7	29	5.5	0.3	178	0.11	3.4	4.8	<0.2	0.3	289.6	0.78	1.37	0.03	13	34.12
736890	Rock Pulp	5.90	1.69	1.90	8.62	29.5	39	6.8	0.5	68	0.12	1.2	5.3	<0.2	0.6	198.9	0.60	0.49	0.05	17	33.02
736891	Rock Pulp	3.30	1.65	43.31	15.08	46.9	87	96.6	27.4	817	3.64	56.1	5.1	1.1	2.8	238.2	0.30	15.45	0.11	109	17.08
736892	Rock Pulp	2.10	110.0	3.67	8.66	91.0	50	7.4	1.0	1142	0.53	5.5	34.1	0.6	15.7	144.7	0.49	2.15	1.96	25	7.13
736893	Rock Pulp	5.80	54.94	7.33	5.85	30.0	18	1.3	1.5	380	0.80	0.7	9.9	0.9	14.7	22.8	0.10	0.20	0.07	10	0.47
736894	Rock Pulp	5.00	18.48	2.87	4.26	31.6	10	0.9	1.3	447	0.92	0.3	8.9	1.1	12.7	15.7	0.05	0.05	0.05	9	0.28
736895	Rock Pulp	5.60	0.75	0.65	4.94	36.0	9	0.8	1.3	486	0.69	0.2	9.4	1.2	12.9	17.8	0.02	0.05	<0.02	10	0.27
736896	Rock Pulp	5.60	95.31	0.78	5.09	47.0	9	1.0	1.9	576	1.17	0.1	8.4	1.6	14.0	18.3	0.11	0.07	0.05	14	0.30
736897	Rock Pulp	6.00	1.80	0.76	4.47	30.3	11	0.9	1.3	484	0.80	0.1	7.1	1.3	16.2	11.0	0.01	0.03	0.16	8	0.17
736898	Rock Pulp	6.40	0.71	6.59	5.20	36.5	10	7.9	3.4	565	1.18	0.2	8.6	1.0	13.6	62.8	0.02	<0.02	0.10	19	0.41
736899	Rock Pulp	5.70	0.46	0.69	4.24	35.3	14	0.9	1.4	547	0.94	0.1	8.6	1.4	15.4	13.7	0.01	<0.02	0.07	8	0.17
736900	Rock Pulp	6.00	0.32	0.78	3.84	30.8	7	1.1	1.3	504	0.84	0.2	6.9	0.9	15.9	13.2	<0.01	<0.02	0.05	9	0.17
736901	Rock Pulp	6.10	0.68	0.63	4.05	31.4	11	0.8	1.3	506	0.82	<0.1	6.9	0.9	16.4	11.1	0.02	<0.02	0.04	10	0.17
736902	Rock Pulp	5.70	0.76	1.80	6.32	36.3	16	0.8	1.4	513	0.87	0.5	9.6	0.8	17.5	28.5	0.02	0.08	0.06	10	0.43
736903	Rock Pulp	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
736904	Rock Pulp	5.90	0.27	0.90	6.71	30.4	13	1.0	1.6	467	0.98	0.4	11.0	1.7	17.1	23.2	0.02	0.22	0.14	8	0.36
736905	Rock Pulp	5.60	0.25	0.64	8.40	24.1	19	1.0	1.4	558	0.88	0.6	9.0	1.3	13.5	47.1	0.02	0.06	0.11	8	0.85
736906	Rock Pulp	6.00	0.21	0.64	6.66	31.3	11	0.9	1.4	529	0.96	0.3	11.1	0.9	13.4	31.2	0.02	0.03	0.10	12	0.45
736907	Rock Pulp	6.00	0.24	0.96	6.27	36.1	50	1.0	1.4	539	0.97	0.5	7.8	0.6	13.1	27.5	0.02	0.05	0.08	11	0.45
736908	Rock Pulp	5.30	0.40	1.60	12.35	28.6	39	0.7	1.2	489	0.75	0.8	10.0	0.8	13.6	35.7	0.03	0.12	0.19	8	0.63

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only

## CERTIFICATE OF ANALYSIS

**VAN07002654.2**

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
				P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Ta	Ga	Cs	Ge
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
				0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
736882	Rock Pulp			0.075	7.3	17.4	9.21	262.5	0.049	6	0.60	0.019	0.19	0.2	1.2	0.09	0.04	<5	0.3	0.12	1.5	1.31	<0.1
736883	Rock Pulp			0.296	14.5	7.1	1.25	262.1	0.028	106	0.90	0.008	0.08	11.3	1.0	0.07	0.29	<5	0.5	0.15	2.5	2.18	0.2
736884	Rock Pulp			0.034	10.0	41.4	1.00	93.1	0.065	4	1.57	0.024	0.32	8.3	4.4	0.27	1.32	<5	2.9	0.06	5.3	6.65	<0.1
736885	Rock Pulp			0.030	6.8	22.6	0.65	76.8	0.129	2	0.69	0.015	0.08	0.6	1.2	0.04	0.67	<5	2.4	0.05	3.0	1.24	<0.1
736886	Rock Pulp			0.036	11.0	19.3	3.78	182.4	0.065	6	1.12	0.021	0.28	31.0	1.6	0.27	1.03	186	4.1	0.11	3.2	5.44	0.2
736887	Rock Pulp			0.038	5.4	3.1	6.88	105.8	0.002	6	0.14	0.003	0.04	0.3	0.4	0.07	0.60	29	2.1	0.28	0.8	0.88	<0.1
736888	Rock Pulp			0.065	3.4	2.4	0.85	1663	0.008	<1	0.13	0.004	0.05	0.4	0.4	0.08	0.25	<5	0.7	0.34	0.7	0.54	<0.1
736889	Rock Pulp			0.058	2.6	2.6	0.24	255.8	0.002	<1	0.08	<0.001	<0.01	1.2	0.3	<0.02	0.18	<5	0.4	0.26	0.5	0.14	<0.1
736890	Rock Pulp			0.090	3.8	3.1	0.20	55.3	0.005	2	0.09	0.002	0.02	0.2	0.4	<0.02	0.21	<5	0.5	0.21	0.3	0.36	<0.1
736891	Rock Pulp			0.202	26.7	223.9	2.65	482.6	0.144	2	2.48	0.021	0.52	0.1	11.1	0.22	0.25	<5	0.7	0.11	10.1	3.71	<0.1
736892	Rock Pulp			0.233	22.5	5.5	0.24	275.0	0.003	1	0.73	0.009	0.07	1.9	2.4	0.08	0.09	6	0.8	0.08	3.1	1.66	<0.1
736893	Rock Pulp			0.024	15.1	6.7	0.21	79.1	0.043	<1	0.38	0.027	0.18	0.1	2.6	0.10	0.07	<5	0.5	0.02	2.5	1.62	<0.1
736894	Rock Pulp			0.025	11.6	4.7	0.21	84.6	0.070	<1	0.42	0.027	0.25	0.1	2.8	0.18	0.04	<5	0.2	<0.02	3.0	1.58	<0.1
736895	Rock Pulp			0.023	14.8	5.0	0.21	71.2	0.067	<1	0.43	0.027	0.25	<0.1	2.8	0.21	<0.02	<5	0.2	<0.02	3.3	1.88	<0.1
736896	Rock Pulp			0.033	13.9	6.5	0.29	111.7	0.099	<1	0.60	0.028	0.36	<0.1	3.2	0.26	<0.02	<5	0.3	<0.02	3.7	2.22	0.1
736897	Rock Pulp			0.019	14.9	6.7	0.18	71.8	0.063	<1	0.40	0.036	0.27	<0.1	2.8	0.22	<0.02	<5	0.1	<0.02	2.9	2.46	0.1
736898	Rock Pulp			0.041	13.5	10.5	0.42	207.6	0.083	1	0.68	0.119	0.31	<0.1	2.7	0.25	<0.02	<5	<0.1	<0.02	3.5	17.53	<0.1
736899	Rock Pulp			0.025	14.3	6.0	0.20	79.6	0.070	<1	0.45	0.035	0.30	<0.1	2.8	0.26	<0.02	<5	0.2	<0.02	3.3	3.45	0.1
736900	Rock Pulp			0.021	12.5	5.5	0.18	73.4	0.067	<1	0.38	0.030	0.27	<0.1	2.7	0.22	<0.02	<5	0.2	<0.02	2.9	3.11	<0.1
736901	Rock Pulp			0.021	14.8	6.3	0.18	72.5	0.072	<1	0.39	0.034	0.29	<0.1	2.7	0.24	<0.02	<5	<0.1	<0.02	2.8	2.90	<0.1
736902	Rock Pulp			0.025	13.4	6.2	0.20	67.7	0.056	<1	0.48	0.025	0.26	<0.1	2.6	0.17	<0.02	<5	0.3	<0.02	3.0	2.80	<0.1
736903	Rock Pulp			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
736904	Rock Pulp			0.026	16.8	6.0	0.21	66.6	0.047	<1	0.53	0.030	0.25	<0.1	2.7	0.20	0.02	<5	0.2	<0.02	3.5	4.55	<0.1
736905	Rock Pulp			0.025	15.4	4.0	0.20	50.9	0.036	<1	0.53	0.018	0.17	<0.1	2.3	0.15	<0.02	<5	<0.1	<0.02	3.6	3.86	<0.1
736906	Rock Pulp			0.026	16.1	5.6	0.22	69.3	0.055	<1	0.53	0.029	0.24	<0.1	2.7	0.18	<0.02	<5	0.2	<0.02	3.6	3.34	<0.1
736907	Rock Pulp			0.026	14.6	4.2	0.22	62.5	0.048	<1	0.53	0.019	0.21	<0.1	2.6	0.16	<0.02	<5	0.2	<0.02	3.5	3.84	<0.1
736908	Rock Pulp			0.020	12.7	3.6	0.17	43.2	0.027	<1	0.51	0.017	0.15	<0.1	2.0	0.10	<0.02	<5	0.2	<0.02	3.2	2.67	<0.1



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Project: JERSEY  
Report Date: February 04, 2008

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CERTIFICATE OF ANALYSIS

VAN07002654.2

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7KP		
				Hf	Nb	Rb	Sn	Ta	Zr	Y	Ca	In	Re	Be	Li	Pd	Pt		
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb		
				0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2		
																%	%		
																0.001	0.005		
736882	Rock Pulp			0.10	0.06	10.6	0.2	<0.05	3.3	4.99	12.6	<0.02	<1	0.5	12.7	<10	<2	N.A.	N.A.
736883	Rock Pulp			0.06	0.13	5.5	0.8	<0.05	2.0	8.71	24.1	0.04	<1	1.5	15.0	<10	<2	N.A.	N.A.
736884	Rock Pulp			0.03	0.11	26.4	0.4	<0.05	0.6	5.61	18.2	0.03	<1	1.0	57.7	<10	<2	N.A.	N.A.
736885	Rock Pulp			0.08	0.46	4.9	0.7	<0.05	1.4	4.91	13.1	<0.02	<1	0.8	21.2	<10	<2	N.A.	N.A.
736886	Rock Pulp			0.16	0.15	24.3	0.6	<0.05	5.2	5.54	19.0	0.76	<1	1.7	53.3	<10	<2	N.A.	N.A.
736887	Rock Pulp			<0.02	0.06	3.4	0.3	<0.05	0.5	3.61	5.9	0.08	20	0.9	8.7	<10	<2	N.A.	N.A.
736888	Rock Pulp			<0.02	0.11	2.8	0.1	<0.05	0.6	3.54	4.5	<0.02	19	0.7	4.9	<10	<2	N.A.	N.A.
736889	Rock Pulp			<0.02	0.06	0.6	1.2	<0.05	0.4	4.06	2.5	<0.02	3	0.3	5.7	<10	<2	N.A.	N.A.
736890	Rock Pulp			<0.02	0.12	1.3	0.1	<0.05	0.4	5.03	4.5	<0.02	4	0.2	7.9	<10	<2	N.A.	N.A.
736891	Rock Pulp			0.27	0.09	23.3	0.8	<0.05	6.9	9.34	46.6	0.04	<1	5.1	75.5	<10	3	N.A.	N.A.
736892	Rock Pulp			0.13	1.01	7.2	0.7	<0.05	3.2	23.91	35.8	0.13	7	2.8	17.5	20	<2	N.A.	N.A.
736893	Rock Pulp			0.07	2.48	17.7	0.3	<0.05	1.5	13.43	24.4	<0.02	1	0.4	31.8	<10	<2	N.A.	N.A.
736894	Rock Pulp			0.05	2.50	27.6	0.4	<0.05	1.1	10.05	19.3	<0.02	<1	0.3	38.9	<10	<2	N.A.	N.A.
736895	Rock Pulp			0.07	2.46	30.1	0.6	<0.05	1.5	10.50	23.4	0.02	<1	0.3	38.4	<10	<2	N.A.	N.A.
736896	Rock Pulp			0.10	2.10	38.4	0.5	<0.05	2.5	11.35	22.9	<0.02	<1	0.3	47.5	<10	<2	N.A.	N.A.
736897	Rock Pulp			0.12	2.67	35.5	0.5	<0.05	2.5	9.32	24.8	<0.02	<1	0.3	38.5	<10	<2	N.A.	N.A.
736898	Rock Pulp			0.16	1.24	38.7	0.6	<0.05	5.3	9.42	23.9	0.03	<1	0.4	43.4	<10	<2	N.A.	N.A.
736899	Rock Pulp			0.15	2.65	40.9	0.5	<0.05	2.3	9.61	24.0	<0.02	<1	0.4	44.5	<10	<2	N.A.	N.A.
736900	Rock Pulp			0.10	2.39	36.3	0.7	<0.05	2.0	8.62	21.2	0.02	<1	0.3	36.2	<10	<2	N.A.	N.A.
736901	Rock Pulp			0.10	2.82	37.2	0.5	<0.05	2.2	9.54	24.9	0.03	<1	0.3	34.8	<10	<2	N.A.	N.A.
736902	Rock Pulp			0.24	2.31	29.7	0.6	<0.05	5.8	13.10	22.9	0.02	<1	0.7	36.3	<10	<2	N.A.	N.A.
736903	Rock Pulp			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	N.A.	N.A.
736904	Rock Pulp			0.35	2.28	31.6	1.8	<0.05	7.0	12.61	27.4	0.02	<1	0.5	35.3	<10	3	N.A.	N.A.
736905	Rock Pulp			0.30	1.59	24.5	1.8	<0.05	7.1	14.22	25.6	<0.02	<1	0.8	32.3	<10	<2	N.A.	N.A.
736906	Rock Pulp			0.26	1.93	32.1	3.7	<0.05	4.8	12.08	26.6	0.03	<1	0.5	42.8	<10	<2	N.A.	N.A.
736907	Rock Pulp			0.18	1.16	27.4	2.6	<0.05	4.9	10.48	23.8	<0.02	<1	0.5	32.5	<10	<2	N.A.	N.A.
736908	Rock Pulp			0.27	1.38	16.2	0.6	<0.05	7.3	10.40	22.4	0.02	<1	0.9	31.2	<10	2	N.A.	N.A.

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Project: JERSEY  
Report Date: February 04, 2008

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN07002654.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15		
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca		
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%		
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01		
Pulp Duplicates																						
736806	Rock Pulp	5.80	1.25	0.97	9.45	13.6	14	4.9	0.5	88	0.04	3.4	4.5	<0.2	0.3	274.9	0.26	0.05	<0.02	12	34.43	
REP 736806	QC		1.21	0.94	8.90	14.0	19	5.5	0.5	88	0.05	3.9	4.5	<0.2	0.3	286.4	0.25	0.05	<0.02	12	34.85	
736820	Rock Pulp	5.70	27.61	21.55	10.07	322.6	101	15.4	7.0	221	0.90	10.5	5.4	1.3	15.0	27.8	3.07	0.35	0.16	10	1.28	
REP 736820	QC		26.77	20.68	10.70	320.9	101	14.1	6.9	223	0.91	11.7	5.6	0.6	15.6	27.1	3.08	0.35	0.17	11	1.33	
736827	Rock Pulp	4.90	22.78	10.31	8.14	41.4	21	9.6	3.0	507	1.11	8.3	7.6	3.1	19.3	73.7	0.03	0.31	0.37	12	0.92	
REP 736827	QC		21.87	9.97	8.20	41.8	22	9.0	3.2	522	1.15	7.9	7.7	1.8	19.0	72.2	0.02	0.32	0.35	14	0.95	
736856	Rock Pulp	5.10	4.17	5.06	7.33	43.2	50	17.4	2.1	54	0.48	3.4	2.6	1.0	1.7	155.6	0.58	0.35	0.03	22	33.85	
REP 736856	QC		4.23	4.96	7.39	43.4	53	17.8	1.9	54	0.46	3.3	2.5	1.0	1.7	156.0	0.58	0.34	0.04	21	33.07	
736862	Rock Pulp	5.50	0.49	0.56	4.52	7.4	14	2.1	<0.1	124	<0.01	1.5	1.7	10432	0.2	254.6	0.08	0.27	0.03	4	24.44	
REP 736862	QC		0.49	0.60	4.72	7.9	16	1.7	<0.1	132	<0.01	1.3	1.8	10955	0.2	259.8	0.08	0.28	0.02	4	25.61	
REP 736889	QC		2.21	1.27	9.50	44.6	33	5.1	0.3	173	0.12	3.0	4.7	0.4	0.3	288.0	0.75	1.38	0.03	13	33.97	
736896	Rock Pulp	5.60	95.31	0.78	5.09	47.0	9	1.0	1.9	576	1.17	0.1	8.4	1.6	14.0	18.3	0.11	0.07	0.05	14	0.30	
REP 736896	QC		103.2	0.94	5.61	46.7	9	1.3	2.0	579	1.19	0.3	8.6	1.0	14.6	20.2	0.10	0.07	0.05	15	0.31	
Core Reject Duplicates																						
736819	Rock Pulp	6.30	298.2	47.40	6.25	5730	149	35.0	10.6	1024	2.05	12.1	7.1	1.1	13.2	158.6	40.28	0.27	0.34	35	4.39	
DUP 736819	QC		<0.01	338.1	43.89	4.45	5213	124	36.9	10.2	939	2.02	12.0	8.8	1.7	11.9	156.0	37.68	0.27	0.37	35	4.41
736854	Rock Pulp	5.70	0.67	0.89	11.06	25.2	11	0.9	0.6	453	0.59	0.5	13.7	1.5	23.4	7.5	0.01	0.15	0.66	4	0.17	
DUP 736854	QC		<0.01	0.80	0.79	12.01	23.6	15	0.8	0.8	449	0.56	0.5	13.4	1.1	23.3	7.8	<0.01	0.13	0.62	4	0.17
736889	Rock Pulp	6.20	2.24	1.09	8.98	44.7	29	5.5	0.3	178	0.11	3.4	4.8	<0.2	0.3	289.6	0.78	1.37	0.03	13	34.12	
DUP 736889	QC		<0.01	2.15	1.10	7.86	44.5	30	6.1	0.3	180	0.11	3.5	4.8	<0.2	0.3	297.4	0.87	1.44	0.03	14	33.82
Reference Materials																						
STD DS7	Standard		20.04	100.8	75.32	394.2	784	51.9	9.0	589	2.40	47.6	5.4	76.5	4.9	72.1	6.48	5.86	5.04	85	0.95	
STD DS7	Standard		20.49	98.08	71.10	390.7	811	52.0	9.0	571	2.27	52.3	5.2	76.3	5.0	79.6	7.07	6.84	4.99	82	0.97	
STD DS7	Standard		21.70	101.2	63.80	393.4	769	57.7	9.8	629	2.36	45.8	4.6	58.5	4.4	73.1	5.88	5.98	4.16	85	0.97	
STD DS7	Standard		22.41	94.69	66.85	416.2	771	56.9	9.5	644	2.39	54.1	4.8	59.2	4.8	82.2	7.71	7.18	5.14	87	0.94	
STD KP-1	Standard																					
STD KP-1	Standard																					
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**QUALITY CONTROL REPORT**

**VAN07002654.2**

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15		
				P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Ca	Ge
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
				0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																							
736806	Rock Pulp			0.053	2.0	1.9	3.47	85.4	0.004	<1	0.07	0.002	0.05	0.2	0.3	0.04	0.13	<5	0.4	0.09	0.2	0.25	<0.1
REP 736806	QC			0.053	1.9	2.2	3.34	86.0	0.004	<1	0.07	0.002	0.05	0.2	0.2	0.04	0.14	<5	0.6	0.06	0.3	0.25	<0.1
736820	Rock Pulp			0.026	11.4	17.1	0.45	29.1	0.081	<1	0.41	0.021	0.08	0.6	1.3	0.04	0.43	7	1.8	0.03	2.0	1.01	<0.1
REP 736820	QC			0.027	12.5	17.0	0.44	30.7	0.096	2	0.45	0.023	0.08	0.6	1.5	0.04	0.44	<5	2.1	0.04	2.3	1.04	<0.1
736827	Rock Pulp			0.048	20.1	31.1	0.42	183.6	0.046	2	0.58	0.100	0.25	>100	3.0	0.17	0.10	8	0.3	0.02	2.7	23.26	<0.1
REP 736827	QC			0.045	20.6	31.9	0.43	186.8	0.047	3	0.60	0.096	0.25	>100	3.2	0.17	0.11	<5	0.3	0.03	2.7	23.76	<0.1
736856	Rock Pulp			0.050	7.0	5.8	0.44	80.7	0.015	1	0.29	0.028	0.09	0.1	0.8	0.14	0.45	<5	1.2	0.12	0.9	1.05	<0.1
REP 736856	QC			0.046	6.9	5.4	0.41	79.3	0.015	<1	0.28	0.026	0.09	0.1	0.8	0.13	0.44	<5	1.2	0.10	0.8	1.02	<0.1
736862	Rock Pulp			0.023	1.0	1.2	1.33	49.3	0.001	<1	0.04	0.003	0.01	<0.1	<0.1	<0.02	<0.02	<5	0.1	0.04	0.1	0.29	<0.1
REP 736862	QC			0.023	1.0	1.1	1.39	50.4	0.001	<1	0.04	0.003	0.01	<0.1	0.1	<0.02	<0.02	<5	0.1	0.03	0.1	0.31	<0.1
REP 736889	QC			0.056	2.5	2.5	0.24	258.0	0.002	<1	0.08	<0.001	<0.01	1.2	0.3	<0.02	0.17	<5	0.5	0.20	0.5	0.14	<0.1
736896	Rock Pulp			0.033	13.9	6.5	0.29	111.7	0.099	<1	0.60	0.028	0.36	<0.1	3.2	0.26	<0.02	<5	0.3	<0.02	3.7	2.22	0.1
REP 736896	QC			0.036	15.0	6.3	0.31	112.1	0.100	<1	0.62	0.029	0.35	<0.1	3.4	0.27	<0.02	<5	0.1	<0.02	4.3	2.36	0.1
Core Reject Duplicates																							
736819	Rock Pulp			0.112	23.4	42.7	2.51	202.6	0.123	6	1.14	0.085	0.38	25.1	2.5	0.23	0.82	27	1.8	0.06	5.6	8.55	0.2
DUP 736819	QC			0.108	23.5	41.1	2.48	167.4	0.117	6	1.15	0.083	0.37	26.2	2.5	0.24	0.80	30	1.6	0.04	5.0	8.33	0.1
736854	Rock Pulp			0.007	10.4	5.0	0.09	32.5	0.026	2	0.32	0.031	0.16	0.2	2.2	0.17	<0.02	<5	0.2	<0.02	2.2	3.69	<0.1
DUP 736854	QC			0.007	10.4	5.9	0.09	31.0	0.026	1	0.32	0.033	0.16	0.2	2.1	0.16	<0.02	<5	0.1	<0.02	2.2	3.64	<0.1
736889	Rock Pulp			0.058	2.6	2.6	0.24	255.8	0.002	<1	0.08	<0.001	<0.01	1.2	0.3	<0.02	0.18	<5	0.4	0.26	0.5	0.14	<0.1
DUP 736889	QC			0.062	2.4	2.6	0.22	281.7	0.002	<1	0.08	<0.001	0.01	0.8	0.3	<0.02	0.19	<5	0.5	0.23	0.4	0.12	<0.1
Reference Materials																							
STD DS7	Standard			0.074	13.4	179.2	1.02	369.9	0.117	37	0.98	0.080	0.47	3.9	2.8	4.26	0.19	214	3.2	0.97	4.3	5.85	<0.1
STD DS7	Standard			0.078	14.3	180.9	0.99	381.4	0.125	39	0.99	0.086	0.42	3.8	2.9	3.93	0.19	193	3.5	1.12	4.6	6.04	0.1
STD DS7	Standard			0.073	14.3	206.0	1.03	336.7	0.134	35	0.97	0.089	0.40	3.4	2.8	3.75	0.20	181	3.4	0.96	4.5	5.72	<0.1
STD DS7	Standard			0.084	13.7	198.4	1.05	409.1	0.115	36	0.98	0.093	0.49	4.1	3.0	4.26	0.20	186	3.9	1.19	4.8	6.47	<0.1
STD KP-1	Standard																						
STD KP-1	Standard																						
STD KP-1	Standard																						



**AcmeLabs** ACME ANALYTICAL LABORATORIES LTD.  
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Client: **Sultan Minerals**  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1 Canada

Project: JERSEY  
 Report Date: February 04, 2008

Page: 1 of 2 Part 3

**QUALITY CONTROL REPORT**

**VAN07002654.2**

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7KP	
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	W	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.005	
<b>Pulp Duplicates</b>																	
736806	Rock Pulp	<0.02	0.06	2.6	0.7	<0.05	0.3	2.58	2.4	<0.02	3	<0.1	3.1	<10	<2	N.A.	N.A.
REP 736806	QC	<0.02	0.08	2.6	0.6	<0.05	0.2	2.47	2.2	<0.02	8	0.1	3.1	<10	<2		
736820	Rock Pulp	0.09	0.83	5.4	0.4	<0.05	2.4	9.11	20.6	0.03	5	1.2	12.0	<10	<2	N.A.	N.A.
REP 736820	QC	0.13	0.86	5.6	0.5	<0.05	2.6	9.53	21.8	0.04	<1	1.1	12.0	<10	<2		
736827	Rock Pulp	0.14	1.02	19.9	0.3	<0.05	4.0	12.45	33.7	<0.02	<1	0.9	33.1	<10	<2	N.A.	0.023
REP 736827	QC	0.13	1.06	19.2	0.3	<0.05	4.0	12.56	35.4	<0.02	<1	0.7	31.5	<10	<2		
736856	Rock Pulp	0.03	0.22	7.4	0.1	<0.05	1.2	4.51	11.4	<0.02	13	0.1	4.2	<10	<2	N.A.	N.A.
REP 736856	QC	0.03	0.15	7.3	0.1	<0.05	1.2	4.56	11.2	<0.02	11	0.2	4.0	<10	<2		
736862	Rock Pulp	<0.02	0.08	0.9	0.2	<0.05	0.4	0.93	1.5	<0.02	<1	0.2	2.8	<10	<2	N.A.	N.A.
REP 736862	QC	<0.02	0.10	1.0	0.2	<0.05	0.5	0.98	1.5	<0.02	3	0.2	2.6	<10	<2		
REP 736889	QC	<0.02	0.06	0.7	1.5	<0.05	0.4	3.90	2.5	<0.02	4	0.4	5.5	<10	<2		
736896	Rock Pulp	0.10	2.10	38.4	0.5	<0.05	2.5	11.35	22.9	<0.02	<1	0.3	47.5	<10	<2	N.A.	N.A.
REP 736896	QC	0.11	2.03	41.1	0.6	<0.05	2.6	12.11	24.8	0.02	1	0.3	51.7	10	<2		
<b>Core Reject Duplicates</b>																	
736819	Rock Pulp	0.32	0.83	27.2	2.1	<0.05	11.5	9.63	41.1	0.42	5	4.8	26.1	<10	2	N.A.	N.A.
DUP 736819	QC	0.30	0.75	26.3	1.0	<0.05	10.8	8.96	39.7	0.33	5	4.1	25.9	34	2	N.A.	N.A.
736854	Rock Pulp	0.27	2.64	23.5	1.1	<0.05	5.4	9.24	19.0	<0.02	<1	0.5	42.1	<10	<2	N.A.	N.A.
DUP 736854	QC	0.27	2.51	22.8	1.7	<0.05	5.3	9.14	18.8	<0.02	<1	0.4	42.8	<10	<2	N.A.	N.A.
736889	Rock Pulp	<0.02	0.06	0.6	1.2	<0.05	0.4	4.06	2.5	<0.02	3	0.3	5.7	<10	<2	N.A.	N.A.
OUP 736889	QC	<0.02	0.05	0.8	0.2	<0.05	0.4	3.98	2.4	<0.02	3	0.3	6.1	<10	<2	N.A.	N.A.
<b>Reference Materials</b>																	
STD DS7	Standard	0.11	0.49	34.8	4.7	<0.05	4.7	6.53	36.2	1.54	4	1.4	30.0	60	39		
STD DS7	Standard	0.13	0.57	35.0	5.6	<0.05	5.4	6.20	36.7	1.66	3	1.4	29.3	46	44		
STD DS7	Standard	0.13	0.67	31.1	4.8	<0.05	5.8	6.72	35.2	1.61	5	1.5	23.1	69	36		
STD DS7	Standard	0.15	0.58	34.4	5.6	<0.05	6.1	6.40	35.9	1.72	3	1.3	23.1	43	37		
STD KP-1	Standard																0.731
STD KP-1	Standard																0.777
STD KP-1	Standard																0.730

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval: preliminary reports are unsigned and should be used for reference only.



**QUALITY CONTROL REPORT**

**VAN07002654.2**

	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
STD KP-1	Standard																				
STD R3T	Standard																				
STD R3T	Standard																				
STD DS7 Expected		20.92	109	70.6	411	890	58	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	
STD R3T Expected																					
STD KP-1 Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	1.08	3.15	2.53	45.1	6	4.1	4.1	503	1.69	0.3	3.0	0.9	4.3	41.1	<0.01	<0.02	0.06	32	0.41
G1	Prep Blank	<0.01	9.94	3.77	2.70	46.1	9	4.3	4.3	527	1.75	0.3	8.3	0.2	5.2	42.5	<0.01	<0.02	0.06	35	0.41

**QUALITY CONTROL REPORT** **VAN07002654.2**

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
STD KP-1	Standard	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
STD R3T	Standard																				
STD R3T	Standard																				
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6	6.36	0.1
STD R3T Expected																					
STD KP-1 Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.075	5.9	8.9	0.59	198.3	0.113	1	0.85	0.045	0.48	0.3	1.7	0.34	<0.02	<5	<0.1	<0.02	4.3	3.10	<0.1
G1	Prep Blank	0.072	6.2	8.2	0.60	200.3	0.119	1	0.87	0.045	0.50	<0.1	1.7	0.37	<0.02	<5	<0.1	<0.02	4.4	3.21	0.1

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**QUALITY CONTROL REPORT**

**VAN07002654.2**

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
STD KP-1	Standard	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.005
STD R3T	Standard																0.733
STD R3T	Standard																0.077
STD DS7 Expected		0.11	0.71	35.8	5.4		5.4	5.18	38	1.57	4	1.6	29.3	58	37		
STD R3T Expected																	0.077
STD KP-1 Expected																	0.74
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank																<0.005
BLK	Blank																<0.001
BLK	Blank																<0.005
Prep Wash																	
G1	Prep Blank	0.08	0.31	39.3	0.4	<0.05	0.9	3.65	10.1	<0.02	<1	0.2	36.8	<10	<2	N.A.	N.A.
G1	Prep Blank	0.07	0.27	41.4	0.4	<0.05	0.9	3.86	11.2	<0.02	<1	0.1	34.9	<10	<2	N.A.	N.A.



# Acme Labs

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Client:

**Sultan Minerals**

1400 - 570 Granville St.  
Vancouver BC V6C 3P1 Canada

Submitted By:

Spurlin Edwards

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

November 09, 2007

Report Date:

February 06, 2008

Page:

1 of 5

## CERTIFICATE OF ANALYSIS

VAN07002774.2

### CLIENT JOB INFORMATION

Project: JERSEY  
Shipment ID:  
P.O. Number  
Number of Samples: 113

### SAMPLE DISPOSAL

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	113	Crush split and pulverize drill core to 150mesh		
1F	113	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed
7AR	7	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed
7KP	7	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

### ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Version 2 to include Zn by 7AR and W by 7KP

Invoice To: Sultan Minerals  
1400 - 570 Granville St.  
Vancouver BC V6C 3P1  
Canada

CC: Spurlin Edwards



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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**Project: JERSEY**  
**Report Date: February 08, 2008**

**Page: 2 of 5 Part 1**

**CERTIFICATE OF ANALYSIS**

**VAN07002774.2**

Method	WGHT	1F16	1F15	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736679	Drill Core	6.00	14.90	3.06	16.35	8.8	24	1.4	1.1	254	0.72	22.2	17.9	6.1	23.6	26.5	0.01	0.84	0.06	<2	0.31
736680	Drill Core	6.00	34.58	3.11	16.82	8.4	26	0.7	1.1	375	0.82	14.7	14.9	3.4	20.9	36.3	<0.01	1.18	0.05	<2	0.50
736681	Drill Core	5.10	21.94	4.50	13.15	27.2	40	1.7	2.6	1015	2.63	8.4	15.2	3.2	21.2	37.1	<0.01	0.41	0.05	<2	0.52
736682	Drill Core	3.90	2.88	4.59	9.91	12.9	65	0.6	1.4	1067	1.85	46.2	15.3	6.2	21.6	46.0	<0.01	0.42	0.12	<2	0.78
736683	Drill Core	3.70	11.46	6.03	10.63	15.1	84	1.4	2.7	1103	2.46	104.5	15.4	25.0	18.8	45.8	<0.01	0.90	0.13	<2	0.76
736684	Drill Core	6.00	0.52	1.01	11.72	7.4	32	2.9	0.2	39	<0.01	1.4	1.6	0.8	0.1	209.5	0.12	0.23	0.02	<2	32.63
736685	Drill Core	5.60	0.44	0.14	26.34	4.6	62	2.0	<0.1	45	<0.01	1.0	1.6	0.8	0.1	190.6	0.07	0.20	0.04	<2	31.52
736686	Drill Core	2.30	2.86	10.26	27.82	21.8	98	3.9	0.3	67	0.41	2.0	0.7	1.0	<0.1	183.8	0.26	0.27	0.52	<2	31.00
736687	Drill Core	2.20	0.48	0.34	12.55	6.5	26	3.4	<0.1	53	<0.01	0.3	0.7	<0.2	<0.1	203.5	0.11	0.09	0.04	<2	36.39
736688	Drill Core	3.80	3.05	4.58	80.41	43.4	193	9.3	0.3	111	0.51	5.2	1.4	1.4	0.2	201.1	0.79	0.86	0.41	8	32.65
736689	Drill Core	5.60	4.77	15.86	43.64	1365	279	16.8	4.4	459	2.31	2.9	1.6	1.3	0.9	166.5	13.26	0.47	0.32	32	23.75
736690	Drill Core	4.00	0.62	3.57	353.6	5031	703	3.6	0.8	442	0.88	2.8	0.6	3.4	0.2	152.8	24.28	1.12	0.48	<2	25.51
736691	Drill Core	5.60	0.64	3.18	331.1	4154	561	6.8	1.6	441	0.97	9.2	0.6	2.3	0.5	169.6	23.34	0.86	0.19	4	22.74
736692	Drill Core	5.30	1.20	4.20	25.75	361.8	152	9.0	2.2	420	1.25	7.0	1.8	3.6	1.0	164.4	2.47	0.47	0.22	22	23.48
736693	Drill Core	3.20	1.46	4.02	10.87	125.5	68	8.1	1.3	442	0.81	1.6	0.9	0.6	0.9	138.5	0.83	0.37	0.09	9	21.70
736694	Drill Core	4.20	1.04	3.50	8.17	61.0	36	12.4	3.2	459	0.97	1.1	1.4	1.2	2.1	132.2	0.36	0.15	0.11	7	22.50
736695	Drill Core	3.20	0.55	8.18	35.15	2681	156	20.6	7.2	400	1.55	2.0	0.8	2.0	4.6	186.7	24.45	0.29	0.39	15	18.98
736696	Drill Core	3.60	13.77	72.37	3.98	72.3	194	27.1	13.0	653	2.03	0.7	1.3	1.4	10.9	111.0	0.15	0.12	0.88	24	5.54
736697	Drill Core	6.10	0.69	27.98	9.01	93.0	183	20.9	8.4	259	1.39	1.0	1.7	1.2	9.4	174.6	1.46	0.22	0.50	10	14.80
736698	Drill Core	6.20	1.67	25.42	5.69	159.5	95	13.5	6.7	563	1.09	1.8	1.0	1.1	5.2	257.0	1.81	1.27	2.50	5	20.26
736699	Drill Core	3.60	0.59	11.03	13.47	1170	43	12.2	4.7	730	0.98	4.4	0.5	1.0	3.3	301.5	7.94	0.27	0.33	4	24.89
736700	Drill Core	2.50	0.41	6.93	137.8	8501	127	6.9	4.9	881	1.19	3.1	0.3	2.1	2.0	299.8	55.35	0.46	0.39	<2	27.73
736701	Drill Core	5.60	0.54	6.11	61.90	9429	218	5.8	1.5	567	0.87	1.7	0.4	2.9	0.6	159.0	70.62	0.44	0.34	<2	24.43
736702	Drill Core	6.10	1.09	50.44	6232	>10000	1639	24.4	9.1	598	3.69	11.9	0.9	8.9	1.3	146.2	159.9	7.80	1.73	2	21.36
736703	Drill Core	6.80	0.62	9.14	293.6	>10000	718	8.1	1.8	430	1.63	278.2	0.4	3.5	0.6	220.2	72.03	1.47	0.89	<2	23.65
736704	Drill Core	2.80	1.90	12.04	912.0	>10000	775	9.7	2.7	402	1.21	5.3	2.3	4.0	1.0	290.6	86.57	1.53	0.25	22	23.42
736705	Drill Core	3.10	2.21	1.12	58.25	1348	93	7.5	0.4	206	0.27	5.1	4.7	0.8	0.5	362.7	11.09	0.36	0.05	15	31.92
736706	Drill Core	6.10	1.87	0.94	67.05	410.3	75	7.1	0.2	227	0.19	6.2	2.9	0.7	0.2	320.4	3.40	0.34	0.03	11	31.21
736707	Drill Core	5.90	1.60	0.66	18.66	49.1	24	5.6	<0.1	69	<0.01	1.5	4.9	0.2	0.2	215.2	0.95	0.10	0.04	6	35.59
736708	Drill Core	6.40	1.31	0.41	23.97	35.9	53	1.4	<0.1	47	0.02	1.2	2.0	<0.2	<0.1	233.7	0.52	0.17	0.03	4	33.66

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Project: JERSEY  
Report Date: February 06, 2008

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	1F16	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736679	Drill Core	0.011	10.2	13.2	0.11	18.6	0.004	4	0.22	0.038	0.14	0.6	1.6	0.06	0.22	<5	0.2	<0.02	1.1	0.97	<0.1
736680	Drill Core	0.016	11.0	10.0	0.17	16.2	0.003	4	0.24	0.036	0.13	0.2	1.8	0.05	0.22	<5	<0.1	<0.02	1.1	1.00	<0.1
736681	Drill Core	0.017	8.3	12.0	0.82	16.5	<0.001	6	0.31	0.022	0.17	0.2	1.2	0.08	0.45	<5	0.2	<0.02	1.5	1.36	<0.1
736682	Drill Core	0.018	7.8	9.3	0.50	22.7	0.003	5	0.47	0.025	0.15	0.2	1.2	0.07	0.59	<5	0.3	<0.02	1.9	1.50	<0.1
736683	Drill Core	0.014	5.3	9.1	0.63	71.1	0.001	8	0.71	0.017	0.14	0.2	1.0	0.09	1.13	<5	<0.1	<0.02	2.7	1.24	<0.1
736684	Drill Core	0.014	<0.5	1.1	1.88	25.0	<0.001	<1	0.02	0.001	0.01	0.2	<0.1	<0.02	0.14	<5	<0.1	0.18	<0.1	0.05	<0.1
736685	Drill Core	0.016	0.6	0.9	2.51	34.1	0.001	<1	0.02	0.001	0.02	<0.1	0.1	0.02	0.10	<5	<0.1	0.11	<0.1	0.08	<0.1
736686	Drill Core	0.004	<0.5	<0.5	0.85	48.4	<0.001	<1	<0.01	<0.001	<0.01	0.7	<0.1	0.03	0.38	<5	1.0	0.19	<0.1	0.04	<0.1
736687	Drill Core	0.006	<0.5	<0.5	0.36	25.0	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	0.20	<5	0.2	0.17	<0.1	<0.02	<0.1
736688	Drill Core	0.016	1.4	1.3	0.54	57.7	0.002	<1	0.04	<0.001	0.02	0.5	<0.1	0.05	0.40	<5	0.7	0.16	0.1	0.08	<0.1
736689	Drill Core	0.011	5.2	6.9	7.00	172.6	0.017	5	0.39	0.004	0.26	0.7	0.5	0.23	1.65	28	2.3	0.17	1.3	0.73	0.1
736690	Drill Core	0.005	3.6	1.3	7.59	64.5	0.003	3	0.09	0.002	0.06	7.0	0.2	0.07	0.91	181	0.8	0.12	0.3	0.19	0.1
736691	Drill Core	0.005	3.4	4.4	8.10	167.8	0.012	4	0.25	0.005	0.26	0.3	0.6	0.21	0.91	130	0.9	0.14	0.7	0.57	0.2
736692	Drill Core	0.015	6.1	9.5	8.88	399.5	0.024	9	0.62	0.008	0.53	0.3	1.1	0.44	0.78	<5	0.6	0.12	1.5	1.08	0.3
736693	Drill Core	0.004	3.8	5.8	10.91	195.1	0.020	13	0.46	0.015	0.35	0.3	1.0	0.34	0.31	<5	0.8	0.12	1.2	0.99	0.4
736694	Drill Core	0.004	5.3	12.6	10.23	372.3	0.039	35	0.90	0.018	0.58	0.6	2.1	0.55	0.36	<5	0.6	0.11	1.6	1.78	1.0
736695	Drill Core	0.022	8.7	27.6	5.95	521.8	0.084	7	2.13	0.077	1.11	1.2	3.2	1.02	1.02	82	0.8	0.08	5.0	2.13	0.8
736696	Drill Core	0.055	16.8	43.2	1.37	105.2	0.103	4	3.81	0.200	0.52	10.7	4.8	0.38	0.95	<5	1.8	0.06	10.0	3.85	0.3
736697	Drill Core	0.061	14.3	25.6	0.40	46.8	0.065	6	1.09	0.072	0.17	3.4	1.9	0.12	0.71	<5	1.1	0.04	2.9	1.03	0.1
736698	Drill Core	0.061	10.4	11.3	1.16	66.8	0.049	17	1.31	0.021	0.19	16.2	1.4	0.11	0.47	7	1.4	0.09	3.3	1.17	0.2
736699	Drill Core	0.029	10.2	9.9	2.94	51.6	0.031	6	1.01	0.053	0.14	1.3	2.2	0.08	0.48	30	0.5	0.10	2.4	0.72	0.3
736700	Drill Core	0.025	7.0	5.1	2.79	30.3	0.019	3	0.32	0.013	0.12	9.9	1.6	0.09	1.22	214	0.6	0.12	1.1	0.37	0.2
736701	Drill Core	0.006	4.8	2.3	8.78	105.0	0.009	4	0.22	0.008	0.15	2.9	0.6	0.25	0.88	234	0.9	0.10	0.8	0.86	0.9
736702	Drill Core	0.007	5.4	7.9	6.44	98.1	0.030	7	0.70	0.011	0.43	4.9	1.0	0.63	2.90	404	1.4	0.12	1.4	0.91	3.4
736703	Drill Core	0.004	4.3	2.8	9.08	123.0	0.011	8	0.22	0.010	0.15	0.3	0.6	0.16	1.63	251	1.0	0.07	0.5	0.37	0.4
736704	Drill Core	0.045	7.5	8.0	8.44	264.7	0.015	8	0.36	0.010	0.26	0.4	1.1	0.17	1.27	257	1.3	0.13	1.0	0.69	0.3
736705	Drill Core	0.076	4.7	3.9	4.07	128.2	0.093	3	0.08	0.004	0.04	0.2	0.5	0.03	0.22	27	0.5	0.13	0.2	0.16	<0.1
736706	Drill Core	0.090	4.8	3.2	4.99	57.1	0.003	3	0.06	0.002	0.05	0.1	0.3	0.02	0.12	6	0.3	0.11	0.2	0.22	<0.1
736707	Drill Core	0.040	1.5	1.9	1.04	37.9	0.004	<1	0.07	0.001	0.06	<0.1	0.2	0.06	0.18	<5	0.5	0.10	0.2	0.17	<0.1
736708	Drill Core	0.016	0.8	0.7	1.40	50.4	0.001	<1	0.03	0.001	0.02	<0.1	<0.1	0.03	0.15	<5	0.2	0.16	<0.1	0.08	<0.1

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Project: JERSEY  
Report Date: February 06, 2008

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CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	Analyte	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
736679	Drill Core	0.21	3.03	10.1	0.2	<0.05	5.3	11.82	18.2	<0.02	<1	0.4	2.7	<10	<2	N.A.	N.A.
736680	Drill Core	0.18	2.19	9.3	0.1	<0.05	5.2	11.40	18.2	<0.02	2	0.4	3.3	<10	<2	N.A.	N.A.
736681	Drill Core	0.12	1.11	11.7	<0.1	<0.05	3.8	9.90	13.7	<0.02	<1	0.6	4.9	<10	<2	N.A.	N.A.
736682	Drill Core	0.28	0.91	11.8	0.3	<0.05	6.6	11.07	13.1	0.03	<1	0.7	9.0	<10	<2	N.A.	N.A.
736683	Drill Core	0.27	0.81	10.5	0.1	<0.05	6.7	9.76	8.6	<0.02	<1	1.2	15.4	<10	<2	N.A.	N.A.
736684	Drill Core	<0.02	0.04	0.7	<0.1	<0.05	0.1	0.67	0.6	<0.02	2	<0.1	0.5	<10	<2	N.A.	N.A.
736685	Drill Core	<0.02	0.05	1.1	<0.1	<0.05	0.2	0.65	0.7	<0.02	<1	<0.1	0.7	<10	<2	N.A.	N.A.
736686	Drill Core	<0.02	0.04	0.5	<0.1	<0.05	<0.1	0.50	0.4	<0.02	13	<0.1	0.4	<10	<2	N.A.	N.A.
736687	Drill Core	<0.02	0.03	0.1	<0.1	<0.05	<0.1	0.45	0.3	<0.02	3	<0.1	0.2	<10	<2	N.A.	N.A.
736688	Drill Core	<0.02	0.05	0.9	<0.1	<0.05	0.2	1.34	1.4	<0.02	13	0.1	0.8	<10	<2	N.A.	N.A.
736689	Drill Core	<0.02	0.06	14.4	0.2	<0.05	0.3	3.12	6.3	0.03	13	0.5	7.0	<10	<2	N.A.	N.A.
736690	Drill Core	<0.02	0.06	2.8	0.1	<0.05	0.2	1.57	4.1	0.04	2	0.2	1.6	<10	<2	N.A.	N.A.
736691	Drill Core	<0.02	0.05	10.3	<0.1	<0.05	0.2	2.01	4.4	0.02	3	0.4	2.8	<10	<2	N.A.	N.A.
736692	Drill Core	<0.02	0.06	19.1	<0.1	<0.05	0.5	3.35	7.9	0.02	3	0.4	6.3	<10	<2	N.A.	N.A.
736693	Drill Core	0.03	0.07	18.9	<0.1	<0.05	0.6	1.89	5.0	<0.02	8	0.8	8.9	<10	<2	N.A.	N.A.
736694	Drill Core	0.02	0.11	24.3	<0.1	<0.05	1.0	4.47	9.5	<0.02	7	0.8	13.9	<10	<2	N.A.	N.A.
736695	Drill Core	<0.02	0.15	42.6	0.3	<0.05	0.9	6.86	15.2	0.03	2	0.9	26.5	<10	<2	N.A.	N.A.
736696	Drill Core	0.08	0.27	44.8	2.5	<0.05	1.9	7.72	29.6	0.05	<1	2.4	46.2	<10	<2	N.A.	N.A.
736697	Drill Core	0.08	0.22	11.2	0.8	<0.05	1.4	10.71	26.8	<0.02	<1	0.8	17.5	<10	<2	N.A.	N.A.
736698	Drill Core	0.11	0.21	10.4	1.8	<0.05	3.7	7.75	18.5	0.07	<1	1.8	17.5	<10	<2	N.A.	N.A.
736699	Drill Core	0.05	0.17	7.5	1.2	<0.05	1.5	7.41	18.5	0.05	<1	0.6	8.8	<10	<2	N.A.	N.A.
736700	Drill Core	<0.02	0.15	5.6	0.8	<0.05	0.5	6.68	13.2	0.04	3	0.1	8.1	<10	<2	N.A.	N.A.
736701	Drill Core	<0.02	0.12	10.4	0.2	<0.05	0.2	3.08	7.2	0.05	3	0.4	3.9	<10	<2	N.A.	N.A.
736702	Drill Core	<0.02	0.12	18.1	0.8	<0.05	0.3	3.15	7.8	0.04	7	0.2	10.7	<10	<2	2.36	N.A.
736703	Drill Core	0.02	0.09	7.3	0.2	<0.05	0.6	2.41	6.2	0.03	3	0.1	3.8	<10	<2	1.09	N.A.
736704	Drill Core	<0.02	0.08	10.8	0.2	<0.05	0.7	6.43	9.0	0.03	5	0.4	5.9	<10	<2	1.17	N.A.
736705	Drill Core	<0.02	0.11	1.9	<0.1	<0.05	0.9	6.54	4.5	<0.02	4	0.6	2.4	<10	<2	N.A.	N.A.
736706	Drill Core	<0.02	0.06	2.0	<0.1	<0.05	0.7	6.93	3.6	<0.02	5	0.1	1.4	<10	<2	N.A.	N.A.
736707	Drill Core	<0.02	0.08	2.1	<0.1	<0.05	0.4	1.99	1.6	<0.02	6	<0.1	1.8	<10	<2	N.A.	N.A.
736708	Drill Core	<0.02	0.05	1.2	<0.1	<0.05	0.1	1.13	0.9	<0.02	5	<0.1	0.8	<10	<2	N.A.	N.A.

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Project: **JERSEY**  
Report Date: **February 06, 2008**

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# CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	WGHT	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16	1F16
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736709	Drill Core	6.60	1.74	0.43	12.55	31.2	23	4.1	0.2	37	0.03	<0.1	1.1	<0.2	<0.1	208.6	0.40	0.16	0.03	3	32.51
736710	Drill Core	5.30	2.87	0.35	26.40	42.1	48	4.3	<0.1	43	0.10	1.8	1.7	<0.2	<0.1	196.1	0.48	0.52	0.10	6	33.74
736711	Drill Core	6.40	1.66	0.26	18.45	14.4	21	2.4	0.1	30	0.03	0.7	0.9	<0.2	<0.1	171.6	0.19	0.18	0.03	4	31.88
736712	Drill Core	5.10	3.03	0.35	31.47	42.9	51	3.6	<0.1	65	0.04	0.3	2.7	<0.2	<0.1	220.1	0.84	0.30	0.11	5	35.71
736713	Drill Core	5.50	6.41	2.33	100.4	65.2	108	8.2	0.3	94	0.52	8.4	1.6	0.8	0.2	180.1	1.21	1.76	0.12	11	34.56
736714	Drill Core	5.30	6.24	1.42	97.80	70.4	70	8.1	0.3	39	0.34	5.4	1.3	0.5	0.2	220.3	1.23	0.84	0.07	10	35.84
736715	Drill Core	5.30	4.20	3.13	61.88	68.1	54	5.6	<0.1	62	0.47	6.4	2.5	0.6	<0.1	204.8	0.90	1.09	0.08	4	34.86
736716	Drill Core	3.70	2.22	1.47	33.66	56.0	59	5.8	0.2	59	0.25	3.0	2.0	0.3	0.1	228.7	0.81	0.46	0.09	5	34.78
736717	Drill Core	5.30	3.88	0.41	19.43	40.9	20	2.8	<0.1	51	0.09	1.4	1.9	<0.2	<0.1	219.7	0.88	0.58	0.04	3	34.54
736718	Drill Core	5.80	7.78	3.30	99.47	666.2	234	10.4	0.7	280	1.13	9.1	1.4	1.3	0.2	181.1	4.84	1.66	0.25	9	28.78
736719	Drill Core	6.50	1.57	3.58	95.44	721.0	286	8.7	0.8	315	1.42	6.4	0.6	1.3	0.4	139.7	2.95	1.04	0.23	6	21.74
736720	Drill Core	7.60	0.98	12.08	85.48	4590	286	7.9	5.8	538	2.08	5.4	0.5	2.8	1.1	197.3	37.00	0.49	0.20	23	21.09
736721	Drill Core	4.10	8.44	48.12	3.23	88.5	93	13.9	6.6	536	1.04	0.7	1.1	0.5	5.9	92.6	0.41	0.09	0.36	7	5.07
736722	Drill Core	6.80	2.07	30.72	6.26	137.2	207	27.8	10.6	907	3.20	2.3	0.7	3.4	4.7	88.9	0.70	0.45	0.55	11	8.09
736723	Drill Core	6.30	0.27	27.17	3.70	53.9	919	42.8	18.4	343	4.11	0.5	0.6	3.4	6.9	42.9	0.06	0.05	0.42	42	2.48
736724	Drill Core	6.40	0.25	21.92	3.37	50.3	156	37.3	16.1	545	3.59	0.1	0.6	2.4	6.0	76.9	0.05	<0.02	0.32	35	3.88
736725	Drill Core	6.80	0.21	23.13	3.79	46.8	235	40.2	17.3	293	3.28	0.3	0.7	3.7	9.3	47.4	0.05	<0.02	0.42	38	2.98
736726	Drill Core	5.90	0.21	23.51	3.00	41.0	203	34.2	15.9	271	3.05	0.6	0.7	1.6	9.5	53.4	0.07	0.06	0.27	33	3.26
736727	Drill Core	6.70	0.20	22.45	2.79	46.8	284	34.1	16.3	301	3.40	0.2	0.8	2.3	8.8	94.7	0.07	<0.02	0.28	39	3.86
736728	Drill Core	6.00	0.22	24.27	3.59	66.2	271	35.3	17.6	341	3.59	0.1	0.7	2.1	7.1	82.3	0.10	0.05	0.39	43	3.72
736729	Drill Core	5.60	0.36	25.67	2.70	49.1	207	35.3	16.0	368	3.33	0.6	0.8	6.6	8.2	60.2	0.05	0.06	0.29	42	3.01
736730	Drill Core	6.00	0.72	25.00	2.81	55.8	259	34.8	15.4	357	3.83	<0.1	0.5	1.5	6.1	66.3	0.02	0.06	0.29	44	1.52
736731	Drill Core	4.70	0.27	25.75	1.98	49.3	255	37.5	17.1	351	3.88	<0.1	0.6	1.6	5.9	78.6	0.04	0.04	0.39	45	2.59
736732	Drill Core	4.50	32.30	4.67	1.13	129.4	26	6.2	3.7	3264	1.19	0.8	1.0	1.6	5.8	39.6	0.24	0.06	0.43	6	5.32
736733	Drill Core	4.80	24.22	1.67	2.04	179.9	13	6.0	3.3	3552	1.30	0.6	1.1	1.1	4.7	120.5	0.25	0.58	0.76	5	8.21
736734	Drill Core	4.50	86.79	29.61	2.68	122.3	148	28.4	13.2	1840	2.87	1.0	1.0	1.3	10.0	104.7	0.13	0.32	0.40	36	5.24
736735	Drill Core	6.10	20.42	12.90	2.74	97.8	89	22.9	8.7	2028	2.14	0.2	1.0	1.2	6.5	65.8	0.14	0.11	0.43	25	4.82
736736	Drill Core	6.10	56.95	2.91	1.63	125.4	23	6.4	3.0	3096	1.18	0.3	1.8	1.2	5.9	77.0	0.24	0.16	0.69	7	7.82
736737	Drill Core	5.70	44.90	8.58	38.87	688.0	95	12.6	4.5	855	1.35	2.7	3.8	0.4	5.3	210.3	5.18	0.94	0.52	44	15.10
736738	Drill Core	5.50	1.77	54.06	23.52	78.2	108	203.8	35.9	1334	4.97	19.4	3.3	0.3	6.9	401.7	0.17	8.64	0.33	153	8.48

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Project: **JERSEY**  
 Report Date: **February 06, 2008**

Page: **3 of 5** Part **2**

**CERTIFICATE OF ANALYSIS**

**VAN07002774.2**

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15		
				P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
736709	Drill Core		0.004	<0.5	<0.5	0.33	140.6	<0.001	<1	<0.01	0.002	<0.01	<0.1	<0.1	<0.02	0.15	<5	0.2	0.13	<0.1	0.02	<0.1	
736710	Drill Core		0.010	<0.5	0.7	0.59	39.4	<0.001	<1	0.01	0.044	0.01	<0.1	<0.1	0.05	0.21	<5	0.2	0.14	<0.1	0.04	<0.1	
736711	Drill Core		0.006	<0.5	0.5	0.24	26.5	<0.001	<1	<0.01	0.014	<0.01	<0.1	<0.1	<0.02	0.17	<5	0.1	0.11	<0.1	<0.02	<0.1	
736712	Drill Core		0.018	0.8	0.7	0.72	34.8	<0.001	<1	0.02	0.006	0.02	0.6	<0.1	0.05	0.22	<5	0.3	0.12	<0.1	0.12	<0.1	
736713	Drill Core		0.014	0.8	1.0	0.66	81.5	0.001	1	0.04	0.003	0.02	2.1	0.1	0.13	0.27	<5	0.9	0.15	0.2	0.09	<0.1	
736714	Drill Core		0.013	1.0	0.7	0.57	89.7	0.002	<1	0.04	0.002	0.03	0.4	0.2	0.16	0.48	<5	1.1	0.15	0.1	0.09	<0.1	
736715	Drill Core		0.040	1.1	<0.5	0.74	50.0	<0.001	1	0.02	0.001	0.01	0.6	0.1	0.09	0.49	<5	0.7	0.09	<0.1	0.05	<0.1	
736716	Drill Core		0.031	1.0	0.7	0.54	94.8	0.001	1	0.04	0.001	<0.01	0.3	0.1	0.06	0.28	<5	0.8	0.12	0.1	0.06	<0.1	
736717	Drill Core		0.031	0.8	<0.5	1.81	46.3	<0.001	1	0.02	<0.001	0.01	<0.1	0.1	0.09	0.24	<5	0.6	0.08	<0.1	0.04	<0.1	
736718	Drill Core		0.018	2.7	1.8	4.46	92.0	0.004	3	0.11	0.003	0.07	0.7	0.3	0.23	1.17	14	2.3	0.12	0.3	0.22	<0.1	
736719	Drill Core		0.005	3.9	2.7	9.59	97.9	0.007	3	0.22	0.003	0.15	<0.1	0.7	0.45	1.23	22	1.5	0.09	0.6	0.48	<0.1	
736720	Drill Core		0.059	8.5	10.6	4.77	174.5	0.027	13	0.84	0.014	0.24	11.9	2.5	0.26	1.39	81	0.9	0.07	2.3	2.06	0.4	
736721	Drill Core		0.089	10.2	17.0	1.09	68.8	0.056	4	1.91	0.133	0.11	13.3	1.8	0.07	0.44	<5	2.0	<0.02	5.8	2.59	0.2	
736722	Drill Core		0.068	7.7	19.9	2.89	64.7	0.018	6	1.12	0.027	0.28	10.9	3.7	0.18	1.45	<5	0.7	0.04	3.3	3.78	<0.1	
736723	Drill Core		0.036	8.2	57.4	1.11	130.7	0.103	2	2.81	0.065	0.78	1.1	6.0	0.65	1.41	<5	0.9	0.06	8.6	8.18	<0.1	
736724	Drill Core		0.051	10.3	50.0	1.21	99.6	0.107	3	2.87	0.084	0.62	0.2	4.8	0.51	0.98	<5	0.6	0.05	8.9	8.88	<0.1	
736725	Drill Core		0.051	14.1	58.0	0.87	50.0	0.120	2	2.79	0.083	0.38	0.2	5.4	0.31	1.11	<5	1.1	0.04	9.4	4.78	<0.1	
736726	Drill Core		0.056	16.2	44.7	0.86	28.8	0.083	3	2.17	0.053	0.23	0.2	5.0	0.17	1.12	<5	1.7	0.03	8.1	3.55	<0.1	
736727	Drill Core		0.078	14.9	54.9	0.80	41.5	0.142	3	3.00	0.102	0.55	0.2	8.9	0.41	1.34	<5	1.0	0.04	10.8	5.47	0.1	
736728	Drill Core		0.095	11.5	56.3	0.86	94.8	0.126	3	3.07	0.097	0.74	<0.1	6.7	0.81	1.16	<5	0.6	0.08	10.8	9.13	<0.1	
736729	Drill Core		0.087	13.1	54.9	0.91	105.3	0.129	3	2.83	0.096	0.67	0.2	7.0	0.57	1.11	<5	1.0	0.06	10.2	7.79	<0.1	
736730	Drill Core		0.053	11.1	52.3	1.17	158.6	0.083	3	2.92	0.054	0.70	0.2	6.3	0.64	1.08	<5	0.6	0.08	9.7	14.85	<0.1	
736731	Drill Core		0.083	10.3	55.3	1.08	102.7	0.132	3	3.42	0.110	0.78	<0.1	7.2	0.74	1.46	<5	0.6	0.08	11.5	12.09	0.1	
736732	Drill Core		0.095	12.3	9.3	0.20	11.0	0.045	3	1.08	0.012	0.01	>100	1.1	0.03	0.17	<5	0.4	<0.02	5.3	0.48	1.4	
736733	Drill Core		0.071	10.1	9.5	0.38	23.0	0.043	3	1.31	0.049	0.02	>100	1.3	0.02	0.04	<5	0.4	0.03	5.8	1.09	0.8	
736734	Drill Core		0.049	20.6	46.5	0.71	130.3	0.119	3	2.48	0.067	0.32	>100	6.8	0.30	0.74	<5	0.7	0.04	9.1	6.06	0.1	
736735	Drill Core		0.069	13.5	30.5	0.77	85.2	0.067	2	1.75	0.032	0.25	>100	3.5	0.28	0.36	<5	0.3	0.03	7.2	5.17	0.2	
736736	Drill Core		0.056	12.5	11.3	0.51	18.5	0.048	2	1.17	0.008	0.03	>100	1.5	0.02	0.04	<5	0.4	<0.02	5.4	0.47	1.0	
736737	Drill Core		0.044	9.0	19.9	6.00	99.4	0.053	5	0.89	0.024	0.24	3.6	2.1	0.21	0.33	6	0.6	0.07	3.4	2.97	<0.1	
736738	Drill Core		0.301	59.4	471.1	5.33	1235	0.185	3	3.45	0.055	1.26	2.4	14.9	0.54	0.24	16	0.7	0.02	9.8	4.46	0.1	

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Project:

JERSEY

Report Date:

February 06, 2008

Page:

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Part 3

# CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.005	
736709	Drill Core	<0.02	0.03	0.3	<0.1	<0.05	<0.1	0.43	0.4	<0.02	10	<0.1	0.4	<10	<2	N.A.	N.A.
736710	Drill Core	<0.02	0.05	0.5	<0.1	<0.05	<0.1	0.81	0.5	<0.02	11	<0.1	0.4	<10	<2	N.A.	N.A.
736711	Drill Core	<0.02	0.03	0.1	<0.1	<0.05	<0.1	0.54	0.3	<0.02	3	<0.1	0.2	<10	<2	N.A.	N.A.
736712	Drill Core	<0.02	0.05	1.0	<0.1	<0.05	<0.1	1.20	0.8	<0.02	6	<0.1	0.7	<10	<2	N.A.	N.A.
736713	Drill Core	<0.02	0.06	0.8	<0.1	<0.05	0.2	1.17	1.0	<0.02	22	<0.1	1.3	<10	<2	N.A.	N.A.
736714	Drill Core	<0.02	0.06	1.1	<0.1	<0.05	0.2	1.47	1.3	<0.02	31	0.1	1.4	<10	<2	N.A.	N.A.
736715	Drill Core	<0.02	0.05	0.4	<0.1	<0.05	0.2	1.60	1.1	<0.02	9	<0.1	0.4	<10	<2	N.A.	N.A.
736716	Drill Core	<0.02	0.07	0.5	<0.1	<0.05	0.4	1.26	1.1	<0.02	8	<0.1	0.5	<10	<2	N.A.	N.A.
736717	Drill Core	<0.02	0.04	0.5	<0.1	<0.05	0.1	1.14	0.8	<0.02	11	<0.1	0.3	<10	<2	N.A.	N.A.
736718	Drill Core	<0.02	0.06	2.8	0.1	<0.05	0.2	1.81	2.7	0.02	34	0.2	2.8	12	<2	N.A.	N.A.
736719	Drill Core	<0.02	0.07	5.3	<0.1	<0.05	0.2	1.25	4.7	<0.02	9	0.5	5.9	<10	<2	N.A.	N.A.
736720	Drill Core	0.04	0.06	9.5	0.2	<0.05	1.7	3.89	16.2	<0.02	4	0.6	9.2	12	<2	N.A.	N.A.
736721	Drill Core	0.05	0.25	8.4	0.7	<0.05	1.8	4.01	20.6	0.05	<1	0.9	20.6	<10	<2	N.A.	N.A.
736722	Drill Core	0.03	0.05	14.9	0.8	<0.05	0.8	6.89	16.0	0.09	<1	1.2	27.3	<10	<2	N.A.	N.A.
736723	Drill Core	0.02	0.09	53.6	0.7	<0.05	0.3	5.69	17.9	0.02	<1	1.1	53.6	<10	<2	N.A.	N.A.
736724	Drill Core	0.03	0.13	46.4	0.6	<0.05	0.6	6.23	22.6	<0.02	<1	1.3	41.7	<10	<2	N.A.	N.A.
736725	Drill Core	0.03	0.23	29.3	0.7	<0.05	0.7	6.30	30.3	<0.02	<1	0.6	45.9	<10	<2	N.A.	N.A.
736726	Drill Core	0.03	0.20	18.7	0.6	<0.05	0.9	8.79	35.2	<0.02	<1	0.6	49.9	<10	<2	N.A.	N.A.
736727	Drill Core	0.02	0.26	45.8	0.9	<0.05	0.9	7.83	30.7	<0.02	<1	0.9	50.6	<10	<2	N.A.	N.A.
736728	Drill Core	<0.02	0.17	63.1	0.9	<0.05	0.5	8.03	24.7	<0.02	<1	1.5	80.2	<10	<2	N.A.	N.A.
736729	Drill Core	<0.02	0.21	56.3	1.0	<0.05	0.7	7.70	28.6	<0.02	<1	1.3	42.2	<10	<2	N.A.	N.A.
736730	Drill Core	0.03	0.11	56.4	0.6	<0.05	0.7	6.17	24.2	0.02	<1	1.3	72.6	<10	<2	N.A.	N.A.
736731	Drill Core	<0.02	0.16	65.3	0.9	<0.05	0.5	6.92	22.3	0.03	<1	1.6	83.8	<10	<2	N.A.	N.A.
736732	Drill Core	0.14	1.26	1.4	4.5	<0.05	3.5	5.14	27.0	0.22	3	3.3	9.8	<10	<2	N.A.	0.445
736733	Drill Core	0.10	0.93	1.8	3.5	<0.05	2.7	4.93	21.8	0.30	2	6.2	17.5	<10	<2	N.A.	0.221
736734	Drill Core	0.07	0.32	26.0	1.8	<0.05	1.4	7.83	42.2	0.20	3	4.1	62.3	15	<2	N.A.	0.026
736735	Drill Core	0.09	0.36	20.4	2.4	<0.05	2.7	5.90	27.4	0.15	1	2.6	59.7	<10	<2	N.A.	0.059
736736	Drill Core	0.11	0.87	1.8	3.9	<0.05	2.6	4.23	25.8	0.22	1	4.3	16.7	12	<2	N.A.	0.136
736737	Drill Core	0.05	0.10	18.6	0.7	<0.05	1.4	5.92	16.6	0.08	8	1.5	27.8	21	<2	N.A.	N.A.
736738	Drill Core	0.15	0.20	55.7	0.8	<0.05	7.4	11.36	119.2	0.05	<1	2.9	72.5	13	3	N.A.	N.A.

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Project: JERSEY  
Report Date: February 06, 2008

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CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.6	0.01	0.02	0.02	2	0.01	
736739	Drill Core	5.60	2.00	4.43	22.34	252.2	164	8.8	1.1	1241	0.95	14.8	1.5	1.4	0.3	279.4	1.50	4.51	0.13	31	26.36
736740	Drill Core	5.30	0.78	2.02	80.44	298.9	105	10.1	1.1	759	0.59	9.2	1.2	0.9	0.5	236.6	2.48	3.58	0.06	45	22.93
736741	Drill Core	6.00	1.60	0.79	40.35	370.7	56	6.7	0.4	542	0.52	7.4	1.3	0.4	0.2	255.4	3.10	1.52	0.06	25	23.38
736742	Drill Core	5.00	0.54	1.14	16.18	310.5	49	9.5	0.3	837	0.65	18.1	1.0	1.0	0.1	216.7	1.48	2.60	0.04	35	23.25
736743	Drill Core	5.80	2.27	1.88	33.55	316.9	64	6.6	0.3	498	0.42	6.1	3.4	0.6	0.2	269.3	2.28	2.94	0.05	41	26.15
736744	Drill Core	6.20	1.02	1.10	8.55	15.9	28	2.5	0.1	68	0.02	2.0	0.7	0.6	<0.1	175.7	0.16	0.30	0.08	<2	33.83
736745	Drill Core	4.00	1.47	13.72	399.3	695.8	1361	2.2	<0.1	279	0.21	2.0	0.6	1.2	<0.1	197.4	7.17	4.70	4.37	<2	33.27
736746	Drill Core	5.70	7.87	1.55	25.90	32.3	78	3.8	0.2	33	0.04	0.7	0.8	<0.2	<0.1	222.4	0.53	0.52	0.25	<2	32.27
736747	Drill Core	5.40	1.68	0.76	21.52	17.4	83	3.4	0.1	39	<0.01	0.9	1.7	0.5	<0.1	206.4	0.33	0.38	0.03	3	35.03
736748	Drill Core	5.40	1.64	0.52	13.98	29.0	24	3.1	0.2	63	0.04	1.4	1.6	1.1	0.1	289.8	0.47	0.23	0.04	7	37.85
736749	Drill Core	5.10	4.64	74.80	601.6	2724	3957	21.4	4.1	721	6.36	19.3	3.4	9.1	0.2	208.5	23.26	4.66	14.37	30	23.99
736750	Drill Core	5.50	5.87	24.75	473.2	3371	2151	15.6	1.6	573	2.45	8.3	3.1	4.7	0.1	178.4	26.50	2.85	2.34	33	21.07
736751	Drill Core	6.60	2.13	9.04	121.5	566.1	678	8.2	1.3	509	1.20	8.8	1.9	1.7	0.3	203.2	3.99	1.28	0.66	17	23.19
736752	Drill Core	6.80	1.00	2.48	189.0	1586	453	3.3	0.8	401	0.80	6.1	1.3	0.3	0.3	177.0	10.01	0.98	0.16	11	23.48
736753	Drill Core	7.50	1.57	14.99	245.8	5738	545	7.8	4.9	419	2.71	12.9	1.6	3.1	0.7	264.7	39.81	1.32	0.16	26	28.05
736754	Drill Core	5.40	5.76	8.22	115.4	2468	394	12.7	3.5	579	1.53	10.8	1.4	2.8	1.8	256.2	17.66	0.66	0.40	19	24.79
736755	Drill Core	6.20	1.00	18.32	58.86	9584	294	17.5	7.7	483	1.81	1.3	0.6	0.8	3.4	206.1	71.29	0.12	0.32	10	21.35
736756	Drill Core	6.40	0.92	8.47	378.0	6326	898	18.5	6.8	413	2.10	4.0	1.1	2.6	3.5	165.8	39.13	0.91	0.49	14	19.08
736757	Drill Core	5.80	0.50	8.52	253.1	>10000	523	2.9	1.7	424	1.83	6.1	0.4	3.9	0.5	231.5	171.6	1.23	0.22	2	26.47
736758	Drill Core	7.00	0.87	90.28	264.3	>10000	2890	7.0	13.0	572	5.76	10.7	0.8	4.1	0.7	122.5	108.9	0.85	5.98	6	19.33
736759	Drill Core	4.00	0.78	5.85	7341	>10000	1007	16.2	3.6	481	2.50	14.2	0.8	4.5	1.1	192.2	140.7	6.85	0.34	12	21.74
736760	Drill Core	5.40	1.88	1.61	27.14	115.6	64	2.4	0.2	69	0.12	0.4	2.3	<0.2	0.2	194.5	0.90	<0.02	0.06	7	36.09
736761	Drill Core	6.10	0.50	0.46	73.49	130.2	76	<0.1	<0.1	47	<0.01	0.1	3.9	<0.2	0.2	200.6	1.03	0.06	<0.02	3	38.10
736762	Drill Core	6.10	0.85	0.71	31.11	29.4	43	1.0	<0.1	45	<0.01	0.4	3.4	<0.2	0.2	232.8	0.53	0.06	<0.02	8	>40
736763	Drill Core	6.00	0.61	0.64	22.25	48.9	39	0.3	0.1	47	<0.01	0.4	4.3	<0.2	0.2	242.8	1.01	0.05	<0.02	6	>40
736764	Drill Core	5.50	0.86	0.42	15.31	14.4	51	0.2	0.1	37	<0.01	1.3	1.6	<0.2	<0.1	236.1	0.19	0.08	0.11	4	36.69
736765	Drill Core	5.70	1.59	0.40	9.37	26.1	19	1.8	0.1	28	<0.01	1.0	0.7	0.3	<0.1	208.5	0.36	0.10	0.03	3	39.64
736766	Drill Core	5.60	7.06	1.43	35.81	82.1	80	6.4	0.2	64	0.13	1.4	1.8	0.4	<0.1	290.0	0.76	0.46	0.45	5	38.08
736767	Drill Core	5.40	2.02	0.67	16.37	41.4	69	3.2	<0.1	43	0.07	0.7	0.7	<0.2	<0.1	156.5	0.47	0.15	0.14	<2	33.89
736768	Drill Core	6.30	3.14	0.88	94.60	48.3	384	3.7	0.3	51	0.07	5.5	1.5	0.8	<0.1	223.5	0.49	2.41	0.33	<2	35.22

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Project: JERSEY  
 Report Date: February 06, 2008

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CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Ca	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736739	Drill Core	0.037	5.9	4.6	7.20	42.6	0.001	4	0.15	0.002	0.03	1.2	0.5	0.07	<0.02	<5	0.8	0.10	0.6	0.31	<0.1
736740	Drill Core	0.136	7.6	11.9	8.21	99.0	0.007	4	0.26	0.005	0.12	0.8	0.8	0.08	0.08	7	0.6	0.11	1.0	0.56	<0.1
736741	Drill Core	0.079	7.0	5.2	9.23	58.1	0.003	4	0.11	0.003	0.08	0.5	0.4	0.05	<0.02	<5	0.6	0.10	0.4	0.22	<0.1
736742	Drill Core	0.151	7.8	6.7	9.73	29.9	0.002	4	0.07	0.002	0.03	0.8	0.3	0.04	0.10	<5	0.7	0.08	0.4	0.14	<0.1
736743	Drill Core	0.287	10.4	6.7	8.54	48.4	0.002	3	0.08	0.002	0.04	0.3	0.4	0.03	<0.02	<5	0.5	0.12	0.5	0.30	<0.1
736744	Drill Core	0.011	<0.5	<0.5	0.70	28.5	<0.001	<1	0.01	<0.001	<0.01	0.5	<0.1	<0.02	0.17	<5	0.6	0.08	<0.1	0.03	<0.1
736745	Drill Core	0.008	1.4	<0.5	0.66	42.0	<0.001	2	0.02	<0.001	0.01	0.7	<0.1	0.06	0.33	<5	2.1	0.25	0.1	0.07	<0.1
736746	Drill Core	0.005	<0.5	<0.5	0.51	39.2	<0.001	<1	<0.01	<0.001	<0.01	0.5	<0.1	0.03	0.18	<5	0.9	0.12	<0.1	0.03	<0.1
736747	Drill Core	0.022	0.6	1.0	1.00	42.1	0.001	<1	0.03	<0.001	0.03	0.3	0.2	0.04	0.15	6	0.6	0.11	<0.1	0.08	<0.1
736748	Drill Core	0.019	1.1	0.9	0.52	55.5	0.001	<1	0.03	0.002	0.02	0.2	0.1	0.03	0.22	<5	0.4	0.05	<0.1	0.05	<0.1
736749	Drill Core	0.024	4.2	2.2	5.97	96.8	0.003	9	0.08	0.002	0.05	2.7	0.3	0.22	4.79	113	15.8	0.31	0.4	0.20	0.3
736750	Drill Core	0.016	7.6	2.8	9.03	48.5	0.002	14	0.06	0.002	0.04	0.7	0.4	0.10	2.14	107	12.6	0.08	0.5	0.19	0.3
736751	Drill Core	0.008	5.6	1.9	10.78	57.2	0.002	4	0.08	0.003	0.04	0.3	0.3	0.08	0.73	21	2.5	0.04	0.2	0.22	<0.1
736752	Drill Core	0.007	4.5	1.4	10.27	42.9	<0.001	5	0.05	0.004	0.02	0.2	0.3	0.03	0.53	41	0.9	0.03	0.2	0.12	<0.1
736753	Drill Core	0.054	6.1	4.5	4.45	143.9	0.010	6	0.44	0.016	0.08	0.3	2.1	0.08	2.27	220	1.1	0.05	1.4	1.08	<0.1
736754	Drill Core	0.013	7.4	9.8	8.08	312.5	0.030	5	0.80	0.023	0.39	0.4	1.4	0.31	1.14	76	0.9	0.05	1.8	0.88	0.2
736755	Drill Core	0.032	8.6	15.0	7.31	304.1	0.042	9	1.55	0.050	0.61	0.3	2.8	0.43	1.50	201	1.8	0.05	3.8	2.81	0.5
736756	Drill Core	0.012	7.0	19.3	7.32	331.6	0.060	11	1.24	0.024	0.81	0.6	1.9	0.77	1.88	193	2.2	0.08	2.9	1.52	0.7
736757	Drill Core	0.004	5.9	2.8	8.99	147.0	0.010	7	0.21	0.012	0.14	0.2	0.6	0.19	2.43	590	2.0	0.06	0.6	0.34	1.1
736758	Drill Core	0.006	3.9	5.4	8.63	160.1	0.019	9	0.38	0.010	0.27	0.2	0.8	0.29	3.02	202	7.8	0.42	1.1	0.55	0.6
736759	Drill Core	0.007	4.7	8.5	7.52	126.7	0.026	6	0.56	0.008	0.26	0.4	0.8	0.47	3.01	606	2.0	0.07	1.5	0.56	1.3
736760	Drill Core	0.022	1.4	1.3	1.08	149.7	0.003	3	0.06	0.002	0.04	0.4	0.2	0.05	0.27	<5	0.5	0.03	0.2	0.10	<0.1
736761	Drill Core	0.032	1.2	0.9	0.80	31.0	0.003	1	0.06	0.002	0.04	0.1	0.2	0.03	0.18	<5	0.3	0.04	0.1	0.20	<0.1
736762	Drill Core	0.041	1.5	1.5	0.82	25.7	0.003	1	0.06	0.003	0.04	0.1	0.2	0.04	0.25	<5	0.2	0.02	0.1	0.27	<0.1
736763	Drill Core	0.056	1.1	1.0	1.07	19.7	0.002	1	0.05	0.003	0.03	0.1	0.2	0.02	0.22	<5	0.1	0.04	<0.1	0.11	<0.1
736764	Drill Core	0.015	0.6	0.6	1.65	41.1	0.001	<1	0.03	0.002	0.02	<0.1	0.1	0.04	0.17	<5	0.3	0.08	0.1	0.06	<0.1
736765	Drill Core	0.005	<0.5	0.5	0.70	24.2	<0.001	<1	<0.01	0.001	<0.01	<0.1	<0.1	<0.02	0.21	<5	0.2	0.04	<0.1	0.03	<0.1
736766	Drill Core	0.010	0.6	0.8	0.80	59.8	<0.001	1	0.02	0.002	0.02	0.3	0.1	0.12	0.32	<5	0.7	0.07	<0.1	0.10	<0.1
736767	Drill Core	0.004	<0.5	0.7	0.26	26.8	<0.001	<1	<0.01	0.001	<0.01	<0.1	<0.1	<0.02	0.19	<5	0.4	0.03	<0.1	<0.02	<0.1
736768	Drill Core	0.007	<0.5	<0.5	0.58	35.4	<0.001	<1	<0.01	0.001	<0.01	0.2	<0.1	0.04	0.22	<5	0.6	0.08	<0.1	0.04	<0.1

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Project: **JERSEY**  
Report Date: **February 06, 2008**

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**CERTIFICATE OF ANALYSIS**

**VAN07002774.2**

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736769	Drill Core	4.00	5.85	0.78	42.37	59.8	30	5.4	0.1	54	0.16	2.9	1.8	<0.2	<0.1	236.0	0.93	0.65	0.02	7	39.84
736770	Drill Core	5.70	1.30	3.71	67.92	387.4	368	5.6	0.7	551	1.25	7.3	1.5	1.7	0.2	127.1	2.88	0.75	0.97	8	23.33
736771	Drill Core	5.50	0.82	4.68	19.04	586.4	126	6.2	0.9	530	0.80	1.6	1.2	0.5	0.3	131.6	3.47	0.19	0.42	14	24.30
736772	Drill Core	6.00	0.96	46.78	13.89	1772	198	22.1	8.7	817	1.74	3.2	1.0	1.2	4.0	116.2	13.23	0.39	0.53	15	14.21
736773	Drill Core	5.60	6.45	15.86	4.08	118.9	48	11.9	4.2	921	0.82	0.9	2.6	0.4	7.2	78.5	0.59	<0.02	0.35	13	11.45
736774	Drill Core	4.00	0.23	3.99	34.98	318.5	306	3.0	1.5	750	0.71	1.2	1.8	0.9	1.5	231.3	2.06	<0.02	1.88	7	23.31
736775	Drill Core	6.00	0.29	63.00	2.80	68.4	274	55.5	22.0	304	4.66	0.5	0.6	2.2	6.1	30.9	0.09	<0.02	0.38	43	1.20
736776	Drill Core	2.10	0.18	47.37	4.48	24.8	342	36.3	15.5	178	2.92	0.5	0.5	0.9	6.8	31.0	0.07	<0.02	0.32	22	1.89
736777	Drill Core	4.20	0.22	22.20	3.02	70.0	182	47.8	17.5	336	4.33	0.5	0.6	1.6	6.4	27.6	0.03	<0.02	0.22	43	1.12
736778	Drill Core	6.40	1.25	75.69	4.32	40.3	492	40.5	20.5	279	4.19	2.2	0.9	1.4	10.6	86.6	0.08	<0.02	0.45	38	2.82
736779	Drill Core	4.50	0.23	111.9	1966	>10000	6291	48.0	26.5	352	6.49	72.6	0.9	4.8	8.0	53.6	93.47	1.80	13.40	38	1.78
736780	Drill Core	5.80	0.32	35.13	4.40	65.6	204	33.9	15.5	737	3.33	2.4	0.7	1.6	8.8	104.2	0.31	0.04	0.66	49	4.79
736781	Drill Core	5.20	0.65	35.60	31.17	228.8	203	41.0	18.0	398	3.98	1.3	0.5	1.5	5.8	60.9	1.45	<0.02	0.58	50	1.73
736782	Drill Core	5.30	9.60	24.95	1.88	64.0	94	37.8	17.1	328	3.76	0.5	0.8	0.5	5.2	47.6	<0.01	<0.02	0.19	59	1.20
736783	Drill Core	6.70	0.76	34.17	4.07	62.4	175	35.7	18.5	483	3.50	0.9	1.7	0.9	8.4	80.8	0.13	0.06	0.42	42	2.51
736784	Drill Core	5.30	1.38	21.42	3.08	84.8	95	22.5	10.1	1173	2.10	1.1	1.5	0.8	9.9	197.3	0.21	0.78	1.14	28	8.35
736785	Drill Core	6.60	5.03	4.37	3.36	210.4	29	14.4	7.1	3082	1.65	1.5	1.9	0.8	7.7	263.4	0.31	5.30	2.48	15	12.88
736786	Drill Core	5.40	6.46	5.39	3.35	365.7	97	26.5	12.4	5690	3.68	2.2	2.2	<0.2	10.3	365.6	0.54	2.93	2.68	35	16.08
736787	Drill Core	6.00	9.40	3.19	4.65	144.2	19	9.0	4.5	2681	1.22	1.3	1.5	<0.2	4.8	210.3	0.44	0.58	0.94	11	15.17
736788	Drill Core	6.40	0.29	4.03	7.03	28.0	6	9.5	4.0	520	1.11	1.4	1.1	<0.2	4.2	430.1	0.16	0.05	0.06	18	28.81
736789	Drill Core	6.90	4.91	2.50	3.81	85.3	16	5.6	2.3	1119	0.58	1.6	1.0	<0.2	4.6	219.4	0.71	0.78	4.57	8	13.69
736790	Drill Core	6.50	1.44	25.47	6.44	59.6	75	14.0	6.6	1801	1.37	1.2	0.8	1.7	7.3	247.4	0.77	0.20	4.75	20	17.80
736791	Drill Core	5.90	1.64	21.31	2.75	58.9	107	33.0	14.6	287	3.37	0.4	0.7	0.3	7.7	30.1	0.03	0.03	0.24	45	1.28

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Project: JERSEY  
Report Date: February 06, 2008

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# CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15		
				P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ga
				%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm		
736769	Drill Core			0.021	1.1	1.0	0.89	49.0	<0.001	<1	0.02	0.001	0.02	<0.1	0.1	0.10	0.31	<5	0.4	0.04	0.1	0.04	<0.1
736770	Drill Core			0.005	5.4	0.8	10.72	30.5	0.002	4	0.05	0.002	0.03	0.3	0.2	0.08	0.87	5	2.5	0.08	0.2	0.15	<0.1
736771	Drill Core			0.006	4.0	1.8	10.89	50.2	0.005	7	0.12	0.004	0.08	0.3	0.4	0.11	0.53	8	1.4	0.08	0.4	0.45	<0.1
736772	Drill Core			0.024	7.5	20.7	5.09	101.7	0.038	4	1.45	0.085	0.24	9.0	2.7	0.27	1.01	44	1.2	0.07	4.3	2.90	0.3
736773	Drill Core			0.098	9.1	11.8	4.84	53.5	0.062	5	0.83	0.033	0.20	15.3	1.2	0.15	0.18	<5	0.7	0.03	2.9	2.41	0.3
736774	Drill Core			0.083	8.9	3.6	6.46	48.4	0.015	5	0.27	0.006	0.10	2.8	0.7	0.07	0.10	<5	0.6	0.06	1.0	0.58	0.2
736775	Drill Core			0.045	7.9	82.7	1.11	144.9	0.143	3	2.90	0.048	0.88	0.4	6.6	0.88	1.58	<5	0.8	0.08	9.5	13.19	<0.1
736776	Drill Core			0.042	13.6	34.7	0.61	73.9	0.069	2	1.90	0.042	0.18	0.2	3.8	0.18	1.54	<5	1.9	0.06	5.8	2.08	<0.1
736777	Drill Core			0.037	8.7	66.1	1.27	155.8	0.130	1	2.91	0.049	0.88	<0.1	6.4	0.79	1.05	<5	0.5	0.07	9.7	16.72	<0.1
736778	Drill Core			0.055	17.8	51.9	1.05	109.6	0.108	2	3.32	0.058	0.34	0.3	5.9	0.32	2.08	<5	5.1	0.16	10.0	8.04	<0.1
736779	Drill Core			0.068	6.5	51.4	1.18	78.6	0.104	3	2.84	0.059	0.76	0.1	7.2	0.68	3.63	9	9.6	0.46	9.9	10.75	<0.1
736780	Drill Core			0.088	16.0	58.7	1.07	222.7	0.193	3	3.48	0.112	0.85	3.5	7.7	0.63	1.00	<5	1.2	0.06	11.1	11.17	0.2
736781	Drill Core			0.051	10.2	68.0	1.11	245.3	0.160	2	2.98	0.050	0.90	0.8	7.5	0.82	0.72	<5	0.4	0.06	10.0	15.89	<0.1
736782	Drill Core			0.042	8.9	75.7	1.11	138.7	0.173	2	3.29	0.091	1.04	0.3	9.3	0.75	0.62	<5	0.4	<0.02	11.3	17.18	<0.1
736783	Drill Core			0.080	10.7	59.7	1.03	99.7	0.088	2	2.68	0.062	0.84	0.3	7.2	0.46	0.97	<5	0.3	0.07	8.6	11.11	0.1
736784	Drill Core			0.101	18.9	36.1	0.77	184.1	0.084	3	1.88	0.051	0.22	7.0	5.0	0.19	0.49	<5	0.2	<0.02	6.9	4.05	0.2
736785	Drill Core			0.080	15.7	20.5	0.87	91.0	0.052	2	1.48	0.022	0.03	>100	3.8	0.05	0.05	24	0.1	0.02	5.1	1.15	0.3
736786	Drill Core			0.059	28.2	45.6	1.55	318.4	0.003	<1	2.65	0.005	0.10	33.0	7.5	0.09	0.04	27	0.3	<0.02	9.2	4.84	0.1
736787	Drill Core			0.044	9.9	13.2	0.74	58.5	0.051	3	1.25	0.017	0.11	>100	2.1	0.07	0.04	19	0.1	0.02	4.7	1.64	0.6
736788	Drill Core			0.018	8.8	20.0	1.70	112.7	0.089	5	1.70	0.009	0.73	0.8	1.7	0.25	0.08	<5	0.2	0.04	4.8	2.56	<0.1
736789	Drill Core			0.042	10.4	9.9	0.36	32.7	0.057	11	1.19	0.035	0.08	50.5	1.2	0.04	<0.02	<5	<0.1	0.03	4.3	0.95	0.4
736790	Drill Core			0.092	15.4	26.2	0.41	29.1	0.068	5	1.68	0.091	0.23	93.5	3.3	0.16	0.36	26	0.7	0.07	7.1	2.85	0.2
736791	Drill Core			0.057	9.9	83.8	0.97	71.1	0.153	2	2.44	0.072	0.69	0.9	6.9	0.45	0.67	<5	0.1	0.04	8.8	7.33	<0.1



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 Vancouver BC V6C 3P1 Canada

Project: JERSEY  
 Report Date: February 06, 2008

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CERTIFICATE OF ANALYSIS

VAN07002774.2

Method	Analyte	1F15	1F16	1F16	1F15	1F15	1F16	1F16	1F15	1F15	1F15	1F16	1F15	1F16	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
736769	Drill Core	<0.02	0.05	0.7	<0.1	<0.05	0.1	1.53	0.9	<0.02	22	<0.1	0.2	<10	<2	N.A.	N.A.
736770	Drill Core	<0.02	0.04	1.5	1.1	<0.05	0.1	1.64	4.6	<0.02	9	0.4	1.4	<10	<2	N.A.	N.A.
736771	Drill Core	<0.02	0.05	4.1	<0.1	<0.05	0.2	1.94	4.5	<0.02	8	0.2	2.2	<10	<2	N.A.	N.A.
736772	Drill Core	0.02	0.12	17.1	0.5	<0.05	0.7	4.61	12.1	0.05	<1	0.6	19.1	24	<2	N.A.	N.A.
736773	Drill Core	0.07	0.32	18.1	1.3	<0.05	1.9	6.51	16.7	0.05	<1	0.2	11.4	<10	<2	N.A.	N.A.
736774	Drill Core	0.04	0.15	5.5	0.4	<0.05	1.6	7.82	11.4	0.03	<1	0.5	3.9	<10	<2	N.A.	N.A.
736775	Drill Core	<0.02	0.20	85.3	0.8	<0.05	0.3	4.61	14.7	0.03	<1	1.5	53.8	<10	<2	N.A.	N.A.
736776	Drill Core	<0.02	0.22	12.7	0.6	<0.05	0.4	4.80	24.3	<0.02	<1	1.0	12.8	14	<2	N.A.	N.A.
736777	Drill Core	<0.02	0.13	89.8	1.1	<0.05	0.2	6.16	16.1	0.03	<1	1.0	71.0	<10	<2	N.A.	N.A.
736778	Drill Core	0.02	0.21	31.9	0.7	<0.05	0.6	8.02	33.3	<0.02	<1	1.7	38.2	<10	<2	N.A.	N.A.
736779	Drill Core	<0.02	0.15	67.4	1.3	<0.05	0.6	4.90	12.9	0.74	<1	1.5	68.3	162	<2	1.23	N.A.
736780	Drill Core	0.03	0.43	66.4	1.6	<0.05	1.4	9.16	31.6	0.04	<1	1.4	52.9	<10	<2	N.A.	N.A.
736781	Drill Core	<0.02	0.24	73.9	1.1	<0.05	0.4	6.81	18.8	0.05	<1	1.2	77.1	<10	<2	N.A.	N.A.
736782	Drill Core	<0.02	0.16	95.5	1.1	<0.05	0.4	5.48	17.4	0.03	<1	1.9	80.5	<10	<2	N.A.	N.A.
736783	Drill Core	0.04	0.19	56.7	0.9	<0.05	1.3	6.70	21.4	<0.02	<1	1.2	83.3	<10	<2	N.A.	N.A.
736784	Drill Core	0.08	0.29	18.9	1.7	<0.05	2.1	8.95	38.4	0.09	<1	2.0	44.6	<10	<2	N.A.	N.A.
736785	Drill Core	0.13	0.18	2.0	3.3	<0.05	3.5	8.45	30.4	0.34	<1	5.8	23.5	<10	<2	N.A.	0.037
736786	Drill Core	0.10	0.02	8.7	10.1	<0.05	2.5	13.35	51.3	0.72	<1	6.6	72.3	<10	<2	N.A.	N.A.
736787	Drill Core	0.10	0.30	7.0	2.7	<0.05	2.6	4.72	18.7	0.30	3	4.4	23.1	<10	<2	N.A.	0.035
736788	Drill Core	<0.02	0.12	36.2	0.8	<0.05	0.5	7.05	16.8	<0.02	<1	0.4	43.3	<10	<2	N.A.	N.A.
736789	Drill Core	0.13	0.40	5.0	2.8	<0.05	3.9	5.40	19.1	0.09	<1	4.1	12.8	12	2	N.A.	N.A.
736790	Drill Core	0.05	0.44	22.8	1.6	<0.05	1.2	8.86	30.6	0.08	<1	1.5	30.3	11	<2	N.A.	N.A.
736791	Drill Core	0.03	0.27	54.2	1.2	<0.05	0.7	6.31	19.7	0.02	<1	1.0	94.3	<10	<2	N.A.	N.A.





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Project: JERSEY  
 Report Date: February 06, 2008

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QUALITY CONTROL REPORT

VAN07002774.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.6	0.01	0.02	0.02	2	0.01	
Pulp Duplicates																					
736692	Drill Core	5.30	1.20	4.20	25.75	361.6	152	9.0	2.2	420	1.25	7.0	1.8	3.8	1.0	164.4	2.47	0.47	0.22	22	23.48
REP 736692	QC		1.19	4.46	25.70	370.2	141	8.8	2.0	418	1.24	7.2	1.8	2.7	1.0	163.3	2.54	0.46	0.22	22	23.43
736704	Drill Core	2.80	1.90	12.04	912.0	>10000	775	9.7	2.7	402	1.21	5.3	2.3	4.0	1.0	290.6	86.57	1.53	0.25	22	23.42
REP 736704	QC		1.99	12.05	918.9	>10000	801	10.9	2.5	414	1.23	3.0	2.3	3.6	1.0	300.6	86.08	1.58	0.25	22	24.30
736714	Drill Core	5.30	6.24	1.42	97.80	70.4	70	8.1	0.3	39	0.34	5.4	1.3	0.5	0.2	220.3	1.23	0.84	0.07	10	35.84
REP 736714	QC		5.90	1.28	92.65	68.6	64	6.3	0.3	38	0.32	5.8	1.2	<0.2	0.2	212.3	1.06	0.77	0.06	10	34.40
736746	Drill Core	5.70	7.67	1.55	25.90	32.3	78	3.8	0.2	33	0.04	0.7	0.8	<0.2	<0.1	222.4	0.53	0.52	0.25	<2	32.27
REP 736746	QC		7.65	1.46	26.09	32.9	70	5.0	0.2	33	0.04	1.0	0.8	0.3	<0.1	223.5	0.54	0.54	0.24	<2	33.24
736757	Drill Core	5.80	0.50	6.52	253.1	>10000	523	2.9	1.7	424	1.63	6.1	0.4	3.8	0.5	231.5	171.6	1.23	0.22	2	26.47
REP 736757	QC		0.50	8.39	249.7	>10000	512	2.7	1.9	430	1.66	5.4	0.4	3.5	0.5	221.4	164.2	1.15	0.22	2	25.87
736773	Drill Core	5.60	6.45	15.86	4.08	119.9	48	11.9	4.2	921	0.82	0.9	2.6	0.4	7.2	78.5	0.59	<0.02	0.35	13	11.45
REP 736773	QC		6.08	15.61	4.08	123.9	47	11.7	4.2	921	0.81	0.8	2.8	0.5	7.5	79.2	0.69	<0.02	0.39	11	11.69
736783	Drill Core	6.70	0.76	34.17	4.07	62.4	175	35.7	16.5	483	3.50	0.9	1.7	0.9	6.4	80.8	0.13	0.06	0.42	42	2.51
REP 736783	QC		0.76	33.53	4.01	58.0	168	35.3	16.1	484	3.45	0.4	1.7	0.7	6.4	80.4	0.11	0.06	0.41	41	2.36
Core Reject Duplicates																					
736891	Drill Core	5.60	0.64	3.18	331.1	4154	561	6.8	1.6	441	0.97	9.2	0.6	2.3	0.5	169.6	23.34	0.86	0.19	4	22.74
DUP 736891	QC		0.61	3.19	347.7	4233	556	6.4	1.5	444	0.96	8.9	0.7	2.7	0.5	166.1	23.21	0.87	0.16	3	22.76
736726	Drill Core	5.90	0.21	23.51	3.00	41.0	203	34.2	15.9	271	3.05	0.6	0.7	1.6	9.5	53.4	0.07	0.06	0.27	33	3.26
DUP 736726	QC		0.20	22.94	2.67	40.0	211	33.6	15.7	281	3.09	0.9	0.7	2.4	9.5	57.2	0.05	0.06	0.27	32	3.53
736781	Drill Core	6.10	0.50	0.46	73.49	130.2	76	<0.1	<0.1	47	<0.01	0.1	3.9	<0.2	0.2	200.6	1.03	0.06	<0.02	3	38.10
DUP 736781	QC		0.46	0.26	48.80	28.1	108	<0.1	0.2	42	<0.01	0.4	3.8	<0.2	0.2	206.1	0.37	<0.02	<0.02	3	38.97
Reference Materials																					
STD DS7	Standard		21.11	104.0	74.85	404.9	856	60.7	9.6	646	2.41	51.8	5.4	59.3	5.3	91.3	6.99	7.11	4.90	87	1.11
STD DS7	Standard		20.49	98.08	71.10	390.7	811	52.0	9.0	571	2.27	52.3	5.2	76.3	5.0	79.6	7.07	6.84	4.99	82	0.97
STD DS7	Standard		18.47	90.78	59.16	371.9	729	48.7	8.3	575	2.18	50.2	3.7	60.8	3.7	88.4	5.89	5.50	3.59	77	0.93
STD DS7	Standard		21.99	111.3	71.24	442.7	875	58.6	9.5	627	2.52	50.1	5.3	65.0	4.8	76.0	5.97	6.23	4.74	96	1.04
STD DS7	Standard		19.93	103.2	66.64	414.8	845	56.4	9.4	608	2.36	51.8	5.3	74.0	4.9	72.8	6.86	6.97	4.96	85	0.96
STD XP-1	Standard																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**QUALITY CONTROL REPORT**

**VAN07002774.2**

Method	Analyte	Unit	MDL	1F16 Hf	1F15 Nb	1F16 Rb	1F15 Sn	1F16 Ta	1F15 Zr	1F16 Y	1F15 Ce	1F16 In	1F15 Re	1F16 Be	1F15 Li	1F16 Pd	1F15 Pt	7AR Zn	7KP W
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
<b>Pulp Duplicates</b>																			
736692	Drill Core			<0.02	0.06	19.1	<0.1	<0.05	0.5	3.35	7.9	0.02	3	0.4	6.3	<10	<2	N.A.	N.A.
REP 736692	QC			<0.02	0.07	19.9	<0.1	<0.05	0.5	3.46	7.2	0.02	6	0.5	8.3	<10	<2		
736704	Drill Core			<0.02	0.08	10.8	0.2	<0.05	0.7	6.43	9.0	0.03	5	0.4	5.9	<10	<2	1.17	N.A.
REP 736704	QC			<0.02	0.08	10.4	0.2	<0.05	0.9	7.22	8.3	<0.02	7	0.4	6.0	<10	<2		
736714	Drill Core			<0.02	0.08	1.1	<0.1	<0.05	0.2	1.47	1.3	<0.02	31	0.1	1.4	<10	<2	N.A.	N.A.
REP 736714	QC			<0.02	0.06	1.0	<0.1	<0.05	0.3	1.38	1.3	<0.02	26	0.2	1.1	<10	<2		
736746	Drill Core			<0.02	0.04	0.3	<0.1	<0.05	<0.1	0.45	0.4	<0.02	36	<0.1	0.3	<10	<2	N.A.	N.A.
REP 736746	QC			<0.02	0.04	0.3	<0.1	<0.05	<0.1	0.42	0.4	<0.02	26	<0.1	0.3	<10	<2		
736757	Drill Core			<0.02	0.06	6.1	0.2	<0.05	0.2	3.52	8.1	0.04	3	0.2	5.2	58	<2	2.76	N.A.
REP 736757	QC			<0.02	0.06	5.9	0.1	<0.05	0.3	3.45	8.1	0.04	1	0.5	4.5	37	<2		
736773	Drill Core			0.07	0.32	18.1	1.3	<0.05	1.9	6.51	16.7	0.05	<1	0.2	11.4	<10	<2	N.A.	N.A.
REP 736773	QC			0.07	0.29	17.7	1.2	<0.05	1.8	6.71	17.0	0.05	<1	0.7	11.9	15	<2		
736783	Drill Core			0.04	0.19	56.7	0.9	<0.05	1.3	6.70	21.4	<0.02	<1	1.2	83.3	<10	<2	N.A.	N.A.
REP 736783	QC			0.05	0.18	55.8	1.0	<0.05	1.2	6.85	22.1	0.03	<1	1.5	83.6	<10	<2		
<b>Core Reject Duplicates</b>																			
736691	Drill Core			<0.02	0.05	10.3	<0.1	<0.05	0.2	2.01	4.4	0.02	3	0.4	2.8	<10	<2	N.A.	N.A.
DUP 736691	QC			<0.02	0.06	11.0	<0.1	<0.05	0.3	1.96	4.6	0.03	3	0.4	3.0	<10	<2	N.A.	N.A.
736726	Drill Core			0.03	0.20	16.7	0.6	<0.05	0.9	6.79	35.2	<0.02	<1	0.6	49.9	<10	<2	N.A.	N.A.
DUP 736726	QC			0.02	0.23	19.4	0.6	<0.05	0.9	6.63	36.6	<0.02	<1	0.8	51.6	<10	<2	N.A.	N.A.
736761	Drill Core			<0.02	0.10	2.0	<0.1	<0.05	0.2	1.80	1.4	<0.02	4	<0.1	0.7	<10	<2	N.A.	N.A.
DUP 736761	QC			<0.02	0.09	1.9	<0.1	<0.05	0.2	1.85	1.2	<0.02	5	<0.1	0.5	<10	<2	N.A.	N.A.
<b>Reference Materials</b>																			
STD DS7	Standard			0.13	0.77	35.3	5.8	<0.05	5.0	7.59	38.7	1.75	4	1.8	28.5	49	43		
STD DS7	Standard			0.13	0.57	35.0	5.6	<0.05	5.4	6.20	36.7	1.66	3	1.4	29.3	46	44		
STD DS7	Standard			0.10	0.63	33.3	4.4	<0.05	5.5	5.93	37.7	1.40	3	1.3	22.4	74	37		
STD DS7	Standard			0.12	0.69	36.2	4.9	<0.05	6.1	7.19	39.3	1.70	3	2.4	25.6	100	41		
STD DS7	Standard			0.12	0.62	32.7	5.2	<0.05	5.4	5.21	35.5	1.67	1	1.8	30.8	64	37		
STD KP-1	Standard																		0.731



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**Project: JERSEY**  
**Report Date: February 06, 2008**

**Page: 2 of 2 Part 1**

**QUALITY CONTROL REPORT**

**VAN07002774.2**

	WGHT	1F15	1F16	1F15	1F16	1F15	1F16	1F15	1F16	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
STD KP-1	Standard	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
STD R3A	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				
STD DS7 Expected		20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	66.7	6.38	5.66	4.51	86	0.93	
STD KP-1 Expected																					
STD R3A Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.28	1.43	2.88	45.5	8	3.9	3.8	541	1.70	<0.1	2.3	<0.2	4.3	55.3	0.02	<0.02	0.06	32	0.42
G1	Prep Blank	<0.01	0.31	1.37	3.33	48.6	6	4.2	4.3	569	1.85	0.4	2.6	1.2	5.1	61.1	<0.01	0.03	0.08	37	0.43

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Client: **Sultan Minerals**  
 1400 - 570 Granville St.  
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Project: JERSEY  
 Report Date: February 06, 2008

Page: 2 of 2 Part 2

**QUALITY CONTROL REPORT**

**VAN07002774.2**

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Ce	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
STD KP-1	Standard	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	6	0.1	0.02	0.1	0.02	0.1
STD R3A	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				
STD DS7 Expected		0.08	12.7	183	1.05	370.3	0.124	38.8	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.8	6.38	0.1
STD KP-1 Expected																					
STD R3A Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.074	8.9	12.3	0.56	239.8	0.120	<1	0.88	0.045	0.52	<0.1	1.9	0.33	<0.02	<5	0.2	<0.02	4.3	3.24	0.1
G1	Prep Blank	0.077	8.7	13.1	0.60	222.3	0.126	2	1.00	0.052	0.54	<0.1	2.1	0.38	<0.02	<5	<0.1	<0.02	4.4	3.43	<0.1

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**QUALITY CONTROL REPORT**

**VAN07002774.2**

		1F16	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Ba	Li	Pd	Pt	Zn	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.006
STD KP-1	Standard																0.777
STD R3A	Standard																3.98
STD R3A	Standard																3.98
STD R3A	Standard																3.89
STD R3A	Standard																3.95
STD DS7 Expected		0.11	0.71	35.8	5.4		5.4	5.18	38	1.57	4	1.6	29.3	58	37		
STD KP-1 Expected																	0.74
STD R3A Expected																	4.03
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank																<0.005
BLK	Blank																<0.01
BLK	Blank																<0.01
Prep Wash																	
G1	Prep Blank	0.08	0.39	46.2	0.5	<0.05	1.1	4.15	12.1	<0.02	<1	0.2	32.6	<10	<2	N.A.	N.A.
G1	Prep Blank	0.09	0.48	47.3	0.5	<0.05	1.0	4.18	14.5	<0.02	<1	0.4	33.2	<10	<2	N.A.	N.A.



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Client: **Sultan Minerals**  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1 Canada

Submitted By: Spurlin Edwards  
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
 Received: November 05, 2007  
 Report Date: March 04, 2008  
 Page: 1 of 5

**CERTIFICATE OF ANALYSIS**

**VAN08003186.2**

**CLIENT JOB INFORMATION**

Project: JERSEY  
 Shipment ID:  
 P.O. Number  
 Number of Samples: 117

**SAMPLE PREPARATION AND ANALYTICAL PROCEDURES**

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	117	Crush split and pulverize drill core to 150mesh		
1F	117	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed
7AR	13	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed
7KP	1	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

**SAMPLE DISPOSAL**

**ADDITIONAL COMMENTS**

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Version 2: Group 7AR - Zn & Group 7KP - W included

Invoice To: Sultan Minerals  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1  
 Canada

CC: Perry Grunenberg



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Project: JERSEY  
 Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736558	Drill Core	5.30	0.33	0.67	66.42	165.3	26	2.7	0.2	121	0.09	0.5	1.5	<0.2	0.3	186.8	1.45	0.36	<0.02	<2	31.72
736559	Drill Core	2.90	2.39	7.64	6217	>10000	3496	12.1	0.8	258	1.30	1.9	2.2	6.0	0.3	193.0	179.2	7.18	0.80	36	25.21
736560	Drill Core	5.70	1.27	0.14	27.74	19.9	27	2.8	0.1	37	<0.01	<0.1	1.7	<0.2	<0.1	271.9	0.88	0.06	<0.02	3	34.69
736561	Drill Core	5.30	0.32	0.23	22.38	25.2	12	1.6	0.1	34	<0.01	<0.1	0.8	1.0	<0.1	315.7	0.54	0.13	<0.02	<2	34.72
736562	Drill Core	6.00	0.79	0.54	30.85	47.9	20	2.6	0.1	43	<0.01	0.4	2.3	<0.2	0.1	228.4	1.23	0.12	<0.02	5	34.92
736563	Drill Core	4.10	5.09	4.13	90.68	824.3	117	16.1	0.6	406	1.28	10.8	0.6	1.0	0.1	248.9	6.50	8.67	0.21	32	18.80
736564	Drill Core	6.00	1.22	1.51	77.34	2993	186	5.8	1.2	460	0.91	5.7	2.4	5.6	0.5	140.2	27.59	2.02	0.11	12	21.33
736565	Drill Core	4.40	1.17	1.84	23.21	5899	183	5.4	1.0	374	0.84	1.2	2.3	2.1	0.2	141.2	47.00	0.43	0.23	12	20.92
736566	Drill Core	5.10	1.31	9.04	983.5	>10000	2236	8.1	2.9	328	5.37	10.5	1.0	12.6	0.2	102.8	520.1	3.74	1.55	9	14.64
736567	Drill Core	6.30	0.62	2.67	184.3	5249	278	7.0	2.4	308	1.13	2.9	0.5	2.5	0.5	118.0	39.04	0.67	0.26	3	20.64
736568	Drill Core	6.30	0.80	5.09	403.6	>10000	476	2.7	1.3	386	0.93	0.3	1.0	2.9	0.4	132.6	406.9	1.14	0.21	<2	22.48
736569	Drill Core	3.20	1.22	15.35	93.35	>10000	404	7.2	3.3	553	1.11	0.6	0.8	4.2	0.8	221.0	328.8	0.26	0.90	3	20.70
736570	Drill Core	5.10	1.69	56.45	5.49	332.6	153	32.4	13.4	405	2.36	0.9	1.8	0.3	12.6	173.4	5.25	0.05	0.64	7	5.22
736571	Drill Core	5.80	3.25	2.53	4.59	56.2	11	1.8	0.8	432	0.32	0.7	1.0	0.4	2.1	463.8	0.70	0.06	0.33	<2	31.97
736572	Drill Core	5.90	5.28	4.38	9.78	78.9	23	5.2	1.8	319	0.43	0.6	2.4	0.3	2.3	721.9	0.72	0.07	0.10	3	29.08
736573	Drill Core	5.90	2.37	31.85	1.40	33.1	130	39.8	20.6	122	2.76	0.1	1.1	0.8	8.5	131.8	0.09	<0.02	0.31	16	4.48
736574	Drill Core	6.10	1.43	14.87	13.78	32.6	89	18.2	9.1	257	1.42	0.3	2.9	<0.2	5.3	680.5	0.20	0.05	0.24	6	16.47
736575	Drill Core	5.80	1.58	11.69	6.55	19.8	35	8.7	3.9	482	0.81	0.7	1.1	0.2	3.2	385.0	0.16	0.05	0.16	4	25.20
736576	Drill Core	6.00	2.72	11.58	4.16	18.1	43	10.7	4.2	406	0.71	0.2	1.3	0.5	4.3	201.0	0.19	0.05	0.12	5	22.36
736577	Drill Core	5.90	0.35	4.74	4.87	14.7	50	6.2	3.0	243	0.71	0.2	0.6	0.5	4.1	127.0	0.16	0.03	0.06	5	18.57
736578	Drill Core	4.90	10.63	2.07	4.33	68.0	18	1.5	0.9	378	0.49	11.5	6.1	4.9	5.1	101.2	0.53	0.19	2.55	3	10.57
736579	Drill Core	5.80	2.77	2.06	5.70	55.7	22	3.3	1.2	282	0.43	1.4	5.3	<0.2	3.5	89.5	0.21	0.48	2.84	4	12.17
736580	Drill Core	6.30	124.8	25.47	8.47	214.4	75	5.5	1.8	781	1.16	0.6	1.1	1.4	1.3	90.8	1.98	0.08	0.69	28	14.90
736581	Drill Core	6.20	42.81	45.66	247.8	306.0	447	5.7	2.2	1053	2.11	0.2	1.7	0.5	<0.1	91.0	2.87	0.21	2.20	75	13.27
736582	Drill Core	4.80	27.94	46.16	212.3	1059	517	5.6	1.7	636	2.30	0.5	2.7	0.7	0.3	121.5	11.72	0.33	4.71	29	17.35
736583	Drill Core	1.80	1.07	4.93	3920	>10000	3501	3.5	0.9	363	0.54	1.0	0.3	5.3	0.1	201.3	161.6	3.37	0.04	13	19.73
736584	Drill Core	5.60	1.78	0.89	58.00	240.5	59	8.2	0.3	53	0.07	2.1	2.8	0.4	0.2	256.7	3.22	0.17	0.03	9	34.57
736585	Drill Core	5.30	0.34	0.18	18.12	43.0	15	3.2	<0.1	16	<0.01	0.2	0.8	<0.2	<0.1	247.3	0.54	0.03	<0.02	<2	35.44
736586	Drill Core	5.40	0.52	0.63	17.47	23.4	16	1.6	<0.1	31	<0.01	<0.1	1.6	<0.2	<0.1	308.0	0.72	0.06	<0.02	2	34.34
736587	Drill Core	5.00	0.53	1.38	187.8	1084	141	4.2	0.3	409	0.63	17.4	0.2	1.7	0.1	222.4	17.89	35.83	0.32	9	22.37

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 Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

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Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736558	Drill Core	0.021	1.1	0.6	2.55	72.4	0.002	<1	0.05	0.002	0.05	<0.1	0.1	0.06	0.10	9	<0.1	0.08	0.1	0.10	<0.1
736559	Drill Core	0.052	3.4	3.5	7.38	148.6	0.003	3	0.10	0.004	0.07	0.4	0.3	0.16	0.08	454	2.0	0.05	0.6	0.34	1.5
736560	Drill Core	0.014	0.6	0.5	0.85	43.5	<0.001	<1	0.02	0.001	0.02	1.1	0.1	<0.02	0.11	<5	0.2	0.14	0.1	0.06	<0.1
736561	Drill Core	0.005	<0.5	<0.5	1.15	22.2	<0.001	<1	0.01	<0.001	0.01	<0.1	0.1	<0.02	0.04	<5	0.2	0.30	<0.1	0.03	<0.1
736562	Drill Core	0.021	1.2	1.0	0.82	19.4	0.002	<1	0.03	<0.001	0.03	0.1	0.2	0.02	0.08	<5	0.2	0.27	<0.1	0.06	<0.1
736563	Drill Core	0.018	2.7	2.9	10.24	16.9	<0.001	5	0.03	0.002	0.02	0.6	0.5	0.03	0.57	17	0.7	0.16	<0.1	0.20	<0.1
736564	Drill Core	0.019	4.0	3.4	12.44	77.8	0.005	6	0.15	0.004	0.12	0.2	0.5	0.12	0.63	65	0.7	0.15	0.4	0.31	0.7
736565	Drill Core	0.005	2.9	1.6	13.18	38.8	0.003	2	0.08	0.002	0.07	0.1	0.3	0.09	0.76	106	0.7	0.15	0.3	0.18	0.3
736566	Drill Core	0.004	2.5	1.0	10.20	39.5	0.003	5	0.09	0.002	0.06	0.3	0.3	0.37	5.42	1098	2.7	0.12	1.6	0.18	1.6
736567	Drill Core	0.004	3.9	2.8	12.28	68.7	0.009	5	0.20	0.005	0.17	0.4	0.7	0.21	1.08	98	0.4	0.12	0.5	0.26	1.8
736568	Drill Core	0.004	5.4	1.9	9.10	36.2	0.006	8	0.15	0.004	0.11	0.6	0.9	0.12	1.02	200	1.7	0.14	0.5	0.23	3.0
736569	Drill Core	0.007	7.5	4.6	9.39	68.0	0.015	13	0.31	0.009	0.20	6.0	1.2	0.16	1.65	1433	1.7	0.15	1.3	1.36	2.0
736570	Drill Core	0.063	17.6	18.1	0.38	207.2	0.044	2	1.78	0.083	0.30	0.9	3.1	0.15	1.17	<5	0.2	0.06	4.5	2.43	0.5
736571	Drill Core	0.025	4.9	3.3	0.92	22.6	0.014	3	0.36	0.013	0.08	1.7	0.8	0.05	<0.02	6	<0.1	0.21	1.2	0.62	0.2
736572	Drill Core	0.035	4.5	5.3	0.72	25.8	0.015	2	0.34	0.015	0.11	0.6	1.0	0.05	0.03	<5	0.2	0.22	1.2	0.37	<0.1
736573	Drill Core	0.032	6.7	29.1	0.60	34.2	0.038	2	2.60	0.061	0.45	0.9	3.5	0.27	1.30	<5	0.1	0.07	7.1	3.08	<0.1
736574	Drill Core	0.016	5.5	8.4	8.32	41.3	0.017	4	1.01	0.017	0.33	0.2	1.4	0.14	0.61	<5	0.2	0.18	2.2	1.88	<0.1
736575	Drill Core	0.041	5.8	7.8	1.43	19.6	0.021	3	0.55	0.012	0.15	0.3	1.6	0.09	0.24	<5	0.2	0.19	1.9	0.94	<0.1
736576	Drill Core	0.027	6.5	9.4	2.60	16.4	0.032	3	0.55	0.008	0.09	4.2	1.4	0.04	0.24	<5	0.3	0.16	2.1	0.44	<0.1
736577	Drill Core	0.030	5.2	13.4	7.23	48.7	0.030	12	0.54	0.011	0.22	0.6	1.8	0.12	0.27	<5	<0.1	0.11	1.8	0.86	0.2
736578	Drill Core	0.015	3.3	3.0	5.72	18.9	0.011	12	0.37	0.037	0.12	5.2	1.3	0.09	0.03	<5	0.1	0.06	2.0	5.11	0.1
736579	Drill Core	0.014	4.5	7.3	5.07	69.5	0.023	22	0.77	0.035	0.20	14.0	1.3	0.25	0.08	<5	<0.1	0.06	2.7	2.50	0.5
736580	Drill Core	0.020	5.3	4.0	6.10	113.9	0.021	29	0.31	0.004	0.10	25.7	1.2	0.21	0.49	<5	1.4	0.11	1.5	0.64	1.0
736581	Drill Core	0.016	4.2	11.4	5.56	64.8	<0.001	26	0.08	0.004	0.02	98.9	0.4	0.02	1.14	5	16.7	0.14	1.7	0.31	1.1
736582	Drill Core	0.013	5.1	2.7	9.18	349.6	0.006	51	0.15	0.006	0.09	44.7	0.5	0.47	1.35	10	2.8	0.10	1.0	0.74	1.4
736583	Drill Core	0.020	2.8	2.3	11.84	31.2	0.003	2	0.07	0.006	0.06	0.8	0.4	0.07	<0.02	292	0.9	0.13	0.8	0.23	0.2
736584	Drill Core	0.021	1.0	1.2	1.17	38.0	0.002	<1	0.04	0.002	0.03	0.3	0.2	0.02	0.11	7	0.3	0.20	0.1	0.06	<0.1
736585	Drill Core	0.012	<0.5	<0.5	0.76	7.6	<0.001	<1	0.01	0.001	0.02	0.1	0.1	<0.02	0.03	<5	0.1	0.20	<0.1	0.03	<0.1
736586	Drill Core	0.017	<0.5	0.6	1.31	20.7	0.001	<1	0.02	0.001	0.02	0.1	0.2	<0.02	0.04	<5	0.3	0.14	<0.1	0.05	<0.1
736587	Drill Core	0.013	2.7	1.5	12.77	12.1	<0.001	2	0.02	0.003	0.02	0.2	0.2	0.03	<0.02	16	0.3	0.08	<0.1	0.11	<0.1

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Project: JERSEY  
Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	Analyte	Unit	MDL	1F15 Hf	1F15 Nb	1F15 Rb	1F15 Sn	1F15 Ta	1F15 Zr	1F15 Y	1F15 Ce	1F15 In	1F15 Re	1F15 Be	1F15 Li	1F15 Pd	1F15 Pt	7AR Zn	7KP W
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
				0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
736558	Drill Core			<0.02	0.26	1.4	<0.1	<0.05	0.1	0.66	1.6	<0.02	<1	0.2	1.5	<10	<2	N.A.	N.A.
736559	Drill Core			<0.02	0.08	3.7	0.3	<0.05	0.2	2.01	4.8	0.03	<1	0.1	2.6	<10	<2	2.05	N.A.
736560	Drill Core			<0.02	0.06	0.8	<0.1	<0.05	<0.1	0.66	0.8	<0.02	1	<0.1	0.3	<10	<2	N.A.	N.A.
736561	Drill Core			<0.02	0.05	0.4	<0.1	<0.05	<0.1	0.27	0.5	<0.02	2	<0.1	0.4	<10	<2	N.A.	N.A.
736562	Drill Core			<0.02	0.06	0.8	<0.1	<0.05	<0.1	1.64	1.3	<0.02	3	<0.1	0.5	<10	<2	N.A.	N.A.
736563	Drill Core			<0.02	0.03	1.2	<0.1	<0.05	0.2	2.14	3.2	0.03	20	0.5	2.5	<10	<2	N.A.	N.A.
736564	Drill Core			<0.02	0.06	4.1	<0.1	<0.05	0.2	2.90	5.7	<0.02	4	0.3	3.4	<10	<2	N.A.	N.A.
736565	Drill Core			<0.02	0.05	2.3	<0.1	<0.05	0.1	2.06	3.6	0.04	4	0.1	2.4	<10	<2	N.A.	N.A.
736566	Drill Core			<0.02	0.05	2.4	0.2	<0.05	<0.1	1.48	3.4	0.05	7	0.3	2.8	43	<2	5.63	N.A.
736567	Drill Core			<0.02	0.11	5.9	0.1	<0.05	0.1	2.13	6.1	<0.02	2	<0.1	5.0	<10	<2	N.A.	N.A.
736568	Drill Core			<0.02	0.09	3.8	0.2	<0.05	0.4	2.70	7.1	0.02	<1	0.3	4.4	38	<2	4.70	N.A.
736569	Drill Core			0.03	0.16	13.2	0.3	<0.05	1.0	3.88	10.5	0.03	<1	0.5	12.9	<10	<2	4.33	N.A.
736570	Drill Core			0.12	0.74	16.8	1.1	<0.05	2.5	6.56	31.1	0.07	<1	0.8	48.4	<10	<2	N.A.	N.A.
736571	Drill Core			0.05	0.10	7.8	0.4	<0.05	1.5	4.96	9.7	<0.02	<1	0.2	3.8	<10	<2	N.A.	N.A.
736572	Drill Core			0.03	0.12	5.8	0.5	<0.05	0.6	5.75	9.8	<0.02	<1	0.1	5.7	<10	<2	N.A.	N.A.
736573	Drill Core			<0.02	0.07	30.7	0.3	<0.05	0.3	3.47	14.8	<0.02	<1	1.1	83.1	<10	<2	N.A.	N.A.
736574	Drill Core			<0.02	0.08	15.2	0.4	<0.05	0.3	5.21	14.6	<0.02	<1	0.5	30.5	<10	<2	N.A.	N.A.
736575	Drill Core			0.05	0.21	10.8	0.9	<0.05	0.5	9.38	12.9	<0.02	<1	0.1	19.3	12	<2	N.A.	N.A.
736576	Drill Core			0.02	0.26	5.3	0.3	<0.05	0.6	6.26	12.8	<0.02	<1	0.5	10.1	<10	<2	N.A.	N.A.
736577	Drill Core			0.02	0.20	9.1	0.1	<0.05	0.7	5.11	9.9	<0.02	<1	0.3	12.8	<10	<2	N.A.	N.A.
736578	Drill Core			0.23	1.10	18.4	1.6	<0.05	2.0	4.23	7.9	<0.02	<1	5.7	6.9	<10	<2	N.A.	N.A.
736579	Drill Core			0.11	0.56	20.5	0.9	0.07	2.0	2.62	9.4	<0.02	<1	2.0	10.7	<10	<2	N.A.	N.A.
736580	Drill Core			0.06	0.61	7.0	1.0	<0.05	1.6	3.07	8.3	0.04	10	0.9	6.7	29	<2	N.A.	N.A.
736581	Drill Core			<0.02	0.26	2.5	2.4	<0.05	0.3	1.97	4.8	0.09	2	1.0	4.8	<10	<2	N.A.	N.A.
736582	Drill Core			0.02	0.41	6.8	0.4	<0.05	0.7	2.72	6.3	0.07	9	0.3	3.7	<10	<2	N.A.	N.A.
736583	Drill Core			<0.02	0.06	3.1	0.2	<0.05	0.2	2.59	3.7	<0.02	<1	0.1	2.3	<10	<2	1.71	N.A.
736584	Drill Core			<0.02	0.07	1.0	0.6	<0.05	<0.1	1.16	1.3	<0.02	4	<0.1	1.0	<10	<2	N.A.	N.A.
736585	Drill Core			<0.02	0.05	0.5	1.0	<0.05	<0.1	0.16	0.4	<0.02	1	<0.1	0.4	<10	<2	N.A.	N.A.
736586	Drill Core			<0.02	0.05	0.7	0.2	<0.05	<0.1	0.23	0.6	<0.02	2	<0.1	0.5	<10	<2	N.A.	N.A.
736587	Drill Core			<0.02	0.03	0.8	0.1	<0.05	0.1	1.88	3.1	<0.02	<1	0.2	1.0	<10	<2	N.A.	N.A.

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Project: **JERSEY**  
 Report Date: **March 04, 2008**

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**CERTIFICATE OF ANALYSIS**

**VAN08003186.2**

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736588	Drill Core	5.20	0.66	1.38	70.75	549.1	71	4.2	1.0	349	0.70	16.4	1.4	1.1	0.7	157.1	3.07	6.83	0.02	14	21.09
736589	Drill Core	5.10	1.53	6.38	251.4	>10000	742	6.0	1.8	368	1.40	21.8	0.8	7.1	0.2	137.4	411.5	6.83	0.26	14	20.20
736590	Drill Core	5.30	1.23	3.15	229.5	>10000	523	10.6	3.2	443	1.71	21.8	0.7	6.2	0.3	129.2	88.03	5.07	0.25	12	20.60
736595	Drill Core	5.30	0.76	4.22	36.34	9449	88	6.6	1.9	362	1.10	2.8	0.9	2.6	0.6	129.6	69.74	0.62	0.03	9	21.35
736596	Drill Core	4.00	0.63	7.92	95.56	>10000	200	5.4	2.5	366	1.58	5.8	1.0	3.7	0.4	133.0	648.7	0.84	<0.02	6	19.86
736597	Drill Core	5.20	0.36	2.58	14.92	5270	26	3.4	0.9	310	0.66	1.4	0.4	1.3	0.2	140.4	40.85	0.19	<0.02	3	21.59
736598	Drill Core	6.30	0.47	1.50	176.8	1778	151	3.6	1.3	387	0.68	1.5	0.2	0.4	0.7	324.6	9.92	0.57	0.10	3	24.44
736599	Drill Core	5.20	0.47	1.78	132.6	6111	119	1.8	0.9	423	0.42	1.9	0.4	0.3	0.5	129.2	38.15	1.62	<0.02	2	36.96
736600	Drill Core	4.80	3.62	1.82	12.30	132.7	16	3.2	0.8	403	0.71	1.1	1.1	0.2	0.9	739.2	1.70	0.18	0.02	<2	23.16
736601	Drill Core	3.50	5.48	6.46	5.61	198.6	54	8.5	4.3	466	1.08	0.4	2.0	1.0	15.3	144.0	1.55	0.04	0.37	7	11.66
736602	Drill Core	3.20	1.05	3.90	3921	>10000	3478	3.4	0.7	387	0.66	1.2	0.7	11.2	0.2	223.7	262.9	4.98	0.28	17	20.08
736603	Drill Core	4.50	0.84	0.28	34.02	161.7	39	4.6	<0.1	41	0.03	1.1	3.2	<0.2	0.2	270.3	2.10	0.08	0.03	10	35.68
736604	Drill Core	5.50	0.66	0.51	62.66	76.8	35	3.7	<0.1	28	<0.01	1.0	1.6	<0.2	<0.1	234.3	2.10	1.78	0.02	5	35.89
736605	Drill Core	5.10	1.82	4.24	114.1	6879	244	8.7	1.7	274	1.06	47.2	2.5	5.8	0.7	135.8	61.49	6.53	0.13	16	21.06
736606	Drill Core	4.30	0.82	2.81	115.2	>10000	468	5.8	0.9	373	1.73	6.3	0.5	3.1	0.1	157.0	117.9	4.77	0.95	6	19.62
736607	Drill Core	6.50	0.72	2.03	9.30	1425	51	4.9	1.0	366	0.89	8.2	1.0	2.1	0.5	111.7	14.96	0.37	<0.02	7	18.71
736608	Drill Core	3.40	2.72	2.50	15.72	1003	24	7.8	1.6	333	0.92	1.7	0.6	1.3	0.7	140.1	7.90	0.15	0.03	<2	20.46
736609	Drill Core	5.50	2.77	2.76	177.2	>10000	188	8.9	2.4	299	0.97	6.2	0.9	1.6	0.9	133.5	53.68	0.47	0.12	5	19.67
736610	Drill Core	7.30	1.83	4.11	55.82	>10000	153	9.2	2.2	368	1.22	1.5	0.7	2.4	0.4	134.8	65.92	0.38	0.13	3	20.31
736611	Drill Core	4.80	0.13	6.32	16.28	61.3	26	8.1	2.5	203	0.59	1.3	0.2	0.6	1.6	841.1	0.56	0.06	0.05	<2	30.63
736612	Drill Core	5.60	1.12	10.86	5.96	35.3	66	15.3	6.7	864	1.66	1.1	0.7	12.2	5.2	391.8	0.25	0.05	0.24	2	21.43
736613	Drill Core	6.00	0.41	8.02	9.46	81.3	64	11.2	4.2	316	1.25	0.6	1.7	0.4	2.5	260.0	0.53	0.37	0.08	<2	17.43
736614	Drill Core	6.10	0.58	2.82	10.74	13.8	83	8.5	3.3	285	1.02	0.4	1.8	2.5	12.7	241.6	0.13	0.06	0.07	4	18.98
736615	Drill Core	6.00	0.50	0.07	12.86	11.2	4	3.2	<0.1	34	<0.01	<0.1	1.0	<0.2	<0.1	246.9	0.17	0.03	<0.02	<2	34.85
736616	Drill Core	5.90	0.50	0.04	32.87	41.3	16	3.1	<0.1	17	<0.01	0.7	1.1	0.3	<0.1	338.1	0.69	0.05	<0.02	<2	33.66
736617	Drill Core	1.80	1.31	2.98	880.4	4859	588	8.6	0.6	383	1.12	8.4	1.1	1.3	0.2	283.2	35.79	33.78	0.28	28	24.37
736618	Drill Core	2.80	0.50	33.09	202.8	1335	260	13.2	13.4	642	2.94	4.9	0.9	2.0	3.5	271.0	9.42	13.08	0.32	47	10.30
736619	Drill Core	6.10	0.20	41.35	16.82	69.9	56	24.0	23.0	790	4.08	0.6	1.3	1.9	4.4	104.3	0.11	0.38	0.15	89	4.19
736620	Drill Core	4.90	1.21	7.24	9.10	60.6	97	15.7	6.5	915	1.45	0.2	1.8	1.4	9.1	53.3	0.19	0.13	0.11	17	3.75
736621	Drill Core	6.00	3.46	15.05	4.36	21.1	151	18.7	8.5	55	1.55	0.3	2.3	0.8	13.8	32.6	0.08	0.09	0.14	14	1.72

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Project: JERSEY  
Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736588	Drill Core	0.037	4.4	5.8	12.18	88.5	0.003	2	0.14	0.004	0.11	0.2	1.2	0.10	0.07	8	0.5	0.09	0.4	0.89	0.1
736589	Drill Core	0.008	3.1	1.5	12.76	16.7	0.002	2	0.06	0.002	0.03	0.4	0.3	0.08	0.05	945	2.3	0.09	1.2	0.22	0.4
736590	Drill Core	0.004	3.8	2.3	12.57	38.5	0.003	2	0.10	0.002	0.07	0.2	0.5	0.09	1.06	243	1.1	0.08	0.4	0.24	0.4
736595	Drill Core	0.004	7.0	5.2	12.10	101.3	0.015	2	0.35	0.005	0.25	<0.1	0.9	0.24	0.88	112	0.7	0.08	1.0	0.51	1.8
736596	Drill Core	0.006	6.5	3.2	8.90	60.4	0.010	<1	0.25	0.004	0.15	0.2	0.6	0.18	3.76	231	2.4	0.09	0.9	0.22	3.5
736597	Drill Core	0.005	3.6	2.3	12.62	40.3	0.006	1	0.13	0.003	0.11	<0.1	0.4	0.14	0.61	112	0.4	0.07	0.3	0.16	1.3
736598	Drill Core	0.012	5.2	5.1	9.21	75.9	0.015	3	0.39	0.010	0.28	2.7	0.9	0.14	0.20	71	0.3	0.13	0.8	0.97	0.6
736599	Drill Core	0.022	3.0	1.0	0.42	9.2	0.002	<1	0.07	0.001	0.02	0.3	0.7	<0.02	<0.02	17	0.4	0.14	0.2	0.07	<0.1
736600	Drill Core	0.004	3.8	2.5	11.33	70.9	0.009	4	0.17	0.006	0.12	<0.1	0.8	0.06	0.02	9	0.4	0.14	0.4	0.27	<0.1
736601	Drill Core	0.053	18.9	14.6	5.39	148.4	0.084	7	1.28	0.036	0.85	1.9	1.9	0.36	0.39	<5	0.3	0.04	3.3	3.48	0.1
736602	Drill Core	0.026	2.9	2.7	10.65	74.0	0.004	3	0.13	0.005	0.11	0.2	0.3	0.14	<0.02	760	1.5	0.10	1.5	0.37	0.3
736603	Drill Core	0.022	1.2	1.1	1.38	48.8	0.003	<1	0.06	0.001	0.05	<0.1	0.2	0.03	0.03	6	0.6	0.10	0.2	0.08	<0.1
736604	Drill Core	0.010	0.8	1.0	0.72	13.5	0.001	<1	0.02	0.001	0.02	<0.1	<0.1	<0.02	<0.02	6	0.3	0.13	<0.1	0.06	<0.1
736605	Drill Core	0.013	4.3	4.5	9.69	104.3	0.006	2	0.23	0.005	0.15	0.4	0.8	0.17	0.23	154	1.0	0.07	0.7	0.85	0.4
736606	Drill Core	0.004	2.6	0.8	11.57	13.7	0.001	2	0.04	0.002	0.03	0.2	0.2	0.07	0.97	242	1.1	0.05	0.4	0.16	0.2
736607	Drill Core	0.003	3.8	3.6	10.16	76.3	0.009	2	0.24	0.007	0.17	0.1	0.5	0.18	0.57	57	0.5	0.06	0.6	0.40	0.9
736608	Drill Core	0.004	4.4	5.1	11.14	165.0	0.014	4	0.39	0.015	0.30	<0.1	0.7	0.28	0.51	38	0.7	0.05	0.9	0.54	1.1
736609	Drill Core	0.004	4.5	6.9	10.86	258.4	0.020	3	0.54	0.021	0.40	0.1	0.9	0.38	0.82	321	1.3	0.03	1.3	0.73	2.4
736610	Drill Core	0.005	5.0	2.9	10.96	93.3	0.008	2	0.24	0.006	0.18	0.4	0.5	0.16	1.23	370	1.1	0.04	0.8	0.41	0.4
736611	Drill Core	0.006	6.5	8.5	2.17	63.6	0.024	4	0.87	0.012	0.26	0.1	1.5	0.11	0.17	6	0.2	0.11	2.2	0.51	<0.1
736612	Drill Core	0.067	9.8	9.0	1.28	40.2	0.026	10	1.06	0.026	0.21	2.4	1.8	0.09	0.71	8	0.6	0.10	2.7	1.16	<0.1
736613	Drill Core	0.007	7.9	3.1	9.90	39.1	0.008	6	0.29	0.009	0.18	0.1	0.9	0.07	0.46	6	0.3	0.06	0.6	0.62	<0.1
736614	Drill Core	0.031	17.0	12.6	6.49	116.3	0.059	6	0.79	0.014	0.57	0.2	1.6	0.19	0.44	<5	0.4	0.14	1.5	0.91	0.1
736615	Drill Core	0.009	<0.5	<0.5	0.60	9.5	<0.001	<1	0.01	0.002	0.01	0.4	<0.1	<0.02	<0.02	7	0.4	0.11	<0.1	<0.02	<0.1
736616	Drill Core	0.009	<0.5	<0.5	1.70	17.2	<0.001	<1	0.02	0.003	0.02	<0.1	<0.1	<0.02	<0.02	10	0.4	0.07	<0.1	0.04	<0.1
736617	Drill Core	0.046	3.3	2.5	8.90	46.0	0.001	2	0.05	0.004	0.03	0.4	0.3	0.05	0.03	61	0.8	0.09	0.2	0.19	<0.1
736618	Drill Core	0.159	19.6	7.8	4.53	788.9	0.067	2	2.41	0.158	0.45	0.5	4.9	0.19	0.06	19	0.5	0.07	5.1	8.67	0.1
736619	Drill Core	0.270	22.9	17.7	2.46	67.6	0.254	8	3.40	0.066	0.14	0.4	8.3	0.03	0.05	11	0.7	<0.02	13.5	0.88	0.3
736620	Drill Core	0.071	11.5	39.1	0.99	32.9	0.091	2	1.69	0.039	0.18	1.4	3.4	0.08	0.49	<5	0.5	0.04	6.0	1.23	0.1
736621	Drill Core	0.071	11.3	38.0	0.62	28.4	0.122	3	1.69	0.029	0.17	0.3	3.0	0.07	0.76	<5	0.5	0.09	6.0	0.92	0.1

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Project: JERSEY  
 Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
736588	Drill Core	<0.02	0.06	4.7	0.2	<0.05	0.6	3.45	6.4	<0.02	2	0.4	3.1	<10	<2	N.A.	N.A.
736589	Drill Core	<0.02	0.04	1.5	5.8	<0.05	0.2	1.81	3.9	0.04	<1	0.2	1.9	<10	<2	3.72	N.A.
736590	Drill Core	<0.02	0.05	2.5	0.7	<0.05	0.2	2.19	5.1	0.03	3	0.1	2.8	<10	<2	1.01	N.A.
736595	Drill Core	<0.02	0.10	8.5	0.6	<0.05	0.4	3.66	10.3	<0.02	2	0.3	10.9	<10	<2	N.A.	N.A.
736596	Drill Core	<0.02	0.10	5.8	0.5	<0.05	0.2	3.37	9.0	<0.02	3	0.3	6.0	563	<2	7.69	N.A.
736597	Drill Core	<0.02	0.06	3.3	1.0	<0.05	0.2	1.93	5.3	<0.02	2	0.2	4.2	<10	<2	N.A.	N.A.
736598	Drill Core	<0.02	0.08	11.0	0.8	<0.05	0.2	4.67	9.4	<0.02	<1	0.1	8.6	<10	<2	N.A.	N.A.
736599	Drill Core	<0.02	0.08	0.6	0.2	<0.05	0.2	5.57	5.4	<0.02	<1	<0.1	0.5	<10	<2	N.A.	N.A.
736600	Drill Core	<0.02	0.07	4.2	2.5	<0.05	0.5	4.31	6.5	<0.02	<1	0.2	2.5	<10	<2	N.A.	N.A.
736601	Drill Core	0.17	0.15	51.6	1.0	<0.05	5.3	7.99	39.8	<0.02	<1	0.3	25.9	<10	3	N.A.	N.A.
736602	Drill Core	<0.02	0.07	5.2	0.9	<0.05	0.2	2.95	4.0	<0.02	2	<0.1	3.1	<10	<2	2.71	N.A.
736603	Drill Core	<0.02	0.08	1.6	2.5	<0.05	0.1	1.27	1.5	<0.02	6	<0.1	1.3	<10	<2	N.A.	N.A.
736604	Drill Core	<0.02	0.06	0.6	0.1	<0.05	<0.1	0.92	0.9	<0.02	4	<0.1	0.6	<10	<2	N.A.	N.A.
736605	Drill Core	<0.02	0.09	5.3	0.5	<0.05	0.4	2.95	6.3	<0.02	3	<0.1	5.3	<10	<2	N.A.	N.A.
736606	Drill Core	<0.02	0.10	1.2	0.8	<0.05	0.1	1.07	2.8	<0.02	3	0.1	1.3	<10	2	1.24	N.A.
736607	Drill Core	<0.02	0.10	5.9	0.2	<0.05	0.2	1.68	5.2	<0.02	4	0.3	5.6	<10	<2	N.A.	N.A.
736608	Drill Core	<0.02	0.07	9.6	0.2	<0.05	0.5	2.06	6.4	<0.02	3	0.4	14.2	<10	<2	N.A.	N.A.
736609	Drill Core	<0.02	0.08	12.7	0.5	<0.05	0.6	2.33	7.4	<0.02	4	0.2	21.1	24	3	1.42	N.A.
736610	Drill Core	<0.02	0.09	6.2	0.5	<0.05	0.3	2.54	7.7	0.02	2	0.2	6.4	<10	<2	1.15	N.A.
736611	Drill Core	<0.02	0.21	11.5	0.5	<0.05	0.2	3.11	11.1	<0.02	1	0.2	9.0	<10	2	N.A.	N.A.
736612	Drill Core	0.03	0.21	11.0	0.4	<0.05	0.7	14.48	23.0	<0.02	<1	0.6	18.5	<10	<2	N.A.	N.A.
736613	Drill Core	<0.02	0.05	6.1	0.2	<0.05	0.4	5.36	14.2	<0.02	<1	0.2	6.3	<10	<2	N.A.	N.A.
736614	Drill Core	0.03	0.16	18.7	0.3	<0.05	1.0	8.74	38.0	<0.02	<1	<0.1	9.2	<10	2	N.A.	N.A.
736615	Drill Core	<0.02	0.05	0.4	<0.1	<0.05	<0.1	0.16	0.5	<0.02	3	<0.1	0.4	<10	<2	N.A.	N.A.
736616	Drill Core	<0.02	0.06	0.6	<0.1	<0.05	<0.1	0.21	0.5	<0.02	4	<0.1	0.3	<10	<2	N.A.	N.A.
736617	Drill Core	<0.02	0.05	1.3	0.2	<0.05	0.3	2.80	4.0	0.04	4	0.6	1.5	<10	<2	N.A.	N.A.
736618	Drill Core	0.05	0.06	24.9	0.5	<0.05	2.6	6.06	40.6	0.03	<1	0.8	13.7	<10	3	N.A.	N.A.
736619	Drill Core	0.68	0.85	5.9	1.1	<0.05	26.5	7.72	51.2	0.02	<1	1.6	47.5	28	4	N.A.	N.A.
736620	Drill Core	0.07	0.32	9.5	1.1	<0.05	1.6	8.64	26.5	0.04	<1	0.5	22.2	<10	<2	N.A.	N.A.
736621	Drill Core	0.13	0.51	9.4	0.8	<0.05	3.7	9.57	26.1	<0.02	<1	0.6	18.8	<10	<2	N.A.	N.A.

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Project: JERSEY  
 Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736622	Drill Core	5.70	0.55	12.82	4.22	18.5	113	22.6	8.6	88	1.31	0.3	2.1	0.3	14.6	41.0	0.12	0.06	0.11	14	2.83
736623	Drill Core	5.60	0.63	9.47	3.63	19.6	107	31.4	10.0	56	1.39	0.1	2.6	<0.2	15.8	36.8	0.06	0.05	0.10	15	1.82
736624	Drill Core	6.00	1.27	10.28	4.25	18.2	85	28.7	8.0	225	0.97	0.7	2.5	0.4	16.4	87.7	0.18	0.09	0.13	13	7.28
736625	Drill Core	5.70	0.32	22.17	4.60	20.5	75	25.3	9.1	380	1.90	0.5	0.5	0.3	3.3	91.8	0.03	0.02	0.11	4	23.05
736626	Drill Core	5.40	0.07	0.10	2.66	3.4	3	1.1	0.1	351	0.09	<0.1	0.2	<0.2	0.2	139.5	0.07	0.04	<0.02	<2	33.70
736627	Drill Core	5.90	1.63	0.63	22.53	19.2	61	4.3	0.2	31	0.02	2.1	1.5	0.3	0.1	201.2	0.33	0.31	0.05	3	34.65
736628	Drill Core	5.80	1.47	0.16	13.75	17.2	39	3.1	<0.1	36	<0.01	0.6	0.8	<0.2	<0.1	214.6	0.21	0.10	0.13	<2	31.16
736629	Drill Core	5.00	3.33	0.52	12.36	24.0	23	5.4	0.1	39	0.02	1.2	1.5	0.4	<0.1	201.8	0.34	0.18	0.09	<2	34.19
736630	Drill Core	3.90	2.77	0.97	45.70	63.7	40	7.2	0.2	46	0.46	5.2	2.7	<0.2	0.2	231.3	0.86	0.74	0.08	10	34.93
736631	Drill Core	6.00	0.81	16.02	21.67	5394	127	21.2	9.8	452	2.07	3.4	1.0	6.4	4.6	165.6	44.18	0.22	0.11	28	16.03
736632	Drill Core	1.60	0.29	8.30	192.7	>10000	531	3.0	2.3	412	1.19	2.2	0.5	2.2	0.8	129.0	389.7	1.47	0.07	<2	24.22
736633	Drill Core	5.30	6.81	81.83	6.81	134.3	373	42.0	16.1	552	2.97	41.8	1.5	3.4	12.4	72.4	0.87	0.05	0.69	13	4.42
736634	Drill Core	5.70	0.66	69.68	7.15	71.6	432	57.3	24.0	320	4.52	46.7	1.0	3.4	9.6	43.7	0.17	0.09	0.50	33	2.55
736635	Drill Core	6.60	0.44	38.99	2.73	94.4	316	53.9	22.9	258	4.45	0.1	0.6	1.6	6.4	28.8	0.35	<0.02	0.33	34	1.58
736636	Drill Core	5.60	1.11	53.06	7.01	72.1	149	22.8	10.3	549	2.09	0.7	0.7	0.7	4.5	204.8	1.13	0.19	0.56	12	15.75
736637	Drill Core	5.60	0.33	39.90	12.94	35.8	250	28.9	13.3	383	2.67	2.4	0.6	3.7	6.7	231.8	0.18	<0.02	0.29	8	15.55
736638	Drill Core	5.90	0.34	52.74	34.62	1207	281	31.1	13.6	314	3.18	1.1	0.7	0.3	6.5	104.0	6.20	0.11	0.35	8	9.75
736639	Drill Core	6.50	30.99	28.46	2.10	93.6	81	19.9	6.5	1091	1.00	0.9	2.0	<0.2	7.7	54.7	0.39	0.08	0.85	<2	6.07
736640	Drill Core	5.70	0.99	81.97	3.59	451.8	160	20.0	9.9	718	2.12	2.5	1.4	<0.2	4.4	167.4	3.43	0.14	0.49	2	16.39
736641	Drill Core	5.90	37.77	14.25	1.96	209.3	31	10.7	3.4	1126	0.74	0.5	2.2	0.2	10.1	80.5	1.12	0.05	0.77	<2	6.07
736642	Drill Core	6.40	19.36	21.91	2.72	127.4	61	13.9	5.7	1972	1.34	5.2	1.5	<0.2	5.2	78.4	0.21	0.76	0.58	6	8.44
736643	Drill Core	5.70	21.25	1.29	50.81	246.8	97	5.6	1.3	1447	0.98	4.9	2.4	<0.2	0.2	279.3	1.42	0.49	0.07	21	21.12
736644	Drill Core	2.80	5.66	2.12	6.47	118.7	28	2.2	1.6	1607	0.69	4.0	2.3	<0.2	0.3	214.3	0.33	0.39	0.23	7	24.94
736645	Drill Core	2.40	0.36	68.31	12.37	52.9	55	221.1	35.9	875	4.61	0.5	1.1	0.9	10.5	445.5	0.10	<0.02	0.11	106	3.19
736646	Drill Core	5.20	0.53	0.42	21.16	38.3	27	0.4	0.2	47	<0.01	0.4	1.6	<0.2	0.2	289.0	0.80	0.11	<0.02	6	35.92
736647	Drill Core	2.00	1.84	1.00	10.66	47.8	22	6.3	0.4	796	0.33	2.4	1.7	<0.2	0.1	501.7	0.36	0.10	<0.02	22	23.68
736648	Drill Core	5.60	4.72	1.34	84.48	326.8	192	5.3	0.5	566	0.95	3.7	1.8	<0.2	0.2	452.1	2.78	0.44	0.16	35	25.68
736649	Drill Core	6.00	2.23	2.48	110.3	242.3	285	6.4	1.2	779	0.96	5.7	2.4	0.5	0.7	347.8	3.10	2.24	0.60	41	23.40
736650	Drill Core	7.50	0.47	1.19	27.40	138.8	85	2.9	0.6	315	0.39	3.9	1.3	<0.2	0.4	329.4	1.36	2.71	0.05	14	32.78
736651	Drill Core	5.00	0.66	0.64	35.70	77.4	43	0.9	0.2	104	0.06	1.1	1.8	<0.2	0.2	410.7	1.51	0.72	<0.02	10	37.03

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Project: JERSEY  
 Report Date: March 04, 2008

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CERTIFICATE OF ANALYSIS

VAN08003186.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Ca	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736622	Drill Core	0.061	14.0	39.8	0.44	17.6	0.128	3	1.97	0.027	0.19	0.4	2.5	0.07	0.62	6	0.4	0.03	6.8	0.60	<0.1
736623	Drill Core	0.057	13.5	43.5	0.45	14.5	0.134	3	2.07	0.023	0.17	0.3	2.9	0.06	0.67	<5	0.5	0.04	6.9	0.57	0.1
736624	Drill Core	0.077	18.2	36.8	0.32	18.1	0.135	7	1.96	0.022	0.18	0.6	2.4	0.06	0.43	5	0.5	0.07	6.9	0.59	0.2
736625	Drill Core	0.040	3.8	13.7	1.24	18.8	0.030	1	1.12	0.013	0.29	<0.1	1.9	0.11	0.91	<5	0.5	0.03	2.9	1.68	<0.1
736626	Drill Core	0.003	1.8	0.8	0.75	5.6	0.001	<1	0.02	<0.001	<0.01	<0.1	0.3	<0.02	0.04	<5	0.3	0.07	<0.1	0.02	<0.1
736627	Drill Core	0.014	0.6	1.0	1.09	48.9	0.001	<1	0.03	0.002	0.02	0.3	<0.1	0.04	<0.02	<5	0.4	0.13	<0.1	0.06	<0.1
736628	Drill Core	0.004	<0.5	<0.5	0.55	125.7	<0.001	<1	<0.01	0.004	<0.01	0.1	<0.1	<0.02	<0.02	<5	0.2	0.08	<0.1	0.02	<0.1
736629	Drill Core	0.009	0.5	0.6	0.89	33.3	<0.001	<1	0.01	0.002	0.01	0.2	0.2	0.05	<0.02	8	0.7	0.11	<0.1	0.05	<0.1
736630	Drill Core	0.037	1.6	1.4	0.89	61.5	0.002	<1	0.05	0.001	0.03	0.1	0.2	0.14	0.24	8	0.4	0.17	0.2	0.12	<0.1
736631	Drill Core	0.060	10.9	29.0	8.98	513.0	0.068	12	1.94	0.031	0.92	0.1	4.7	1.03	1.10	159	0.9	0.08	4.8	4.08	1.3
736632	Drill Core	0.005	4.6	3.4	5.73	163.2	0.010	1	0.26	0.007	0.20	0.1	0.5	0.37	2.13	1468	2.5	0.07	1.0	0.49	1.3
736633	Drill Core	0.085	16.9	29.1	1.38	92.5	0.065	5	2.32	0.104	0.54	6.4	4.0	0.21	1.50	<5	2.2	0.07	6.1	2.20	0.2
736634	Drill Core	0.064	11.9	50.5	0.97	82.1	0.089	4	3.05	0.059	0.83	0.2	6.7	0.41	1.96	<5	0.9	0.10	7.8	4.88	0.3
736635	Drill Core	0.037	7.8	51.1	0.99	39.2	0.109	2	3.35	0.080	0.69	<0.1	5.5	0.85	1.53	<5	0.4	0.07	10.3	6.25	0.1
736636	Drill Core	0.042	7.6	25.6	2.62	43.8	0.049	6	1.55	0.049	0.42	8.3	3.4	0.36	0.77	<5	1.1	0.03	4.5	3.26	0.2
736637	Drill Core	0.046	8.8	24.4	0.71	37.1	0.035	2	1.52	0.035	0.19	0.3	3.3	0.12	1.37	<5	2.1	0.03	3.9	1.35	<0.1
736638	Drill Core	0.036	9.1	22.4	4.38	92.5	0.045	4	1.72	0.053	0.43	0.1	3.1	0.28	1.81	35	1.9	0.05	4.4	2.30	0.2
736639	Drill Core	0.048	11.6	13.0	0.35	10.2	0.046	4	1.04	0.046	0.04	>100	1.3	0.03	0.35	<5	0.9	0.03	3.3	0.30	0.2
736640	Drill Core	0.030	6.8	10.9	3.26	59.2	0.028	15	1.02	0.021	0.25	13.7	1.6	0.18	1.02	<5	1.1	0.02	2.5	2.03	0.2
736641	Drill Core	0.068	14.1	13.7	1.42	35.3	0.064	3	1.41	0.080	0.09	17.6	1.3	0.07	0.17	<5	0.6	<0.02	4.3	0.80	0.3
736642	Drill Core	0.052	10.0	10.5	1.98	75.1	0.037	7	1.34	0.032	0.24	55.8	2.2	0.16	0.34	<5	0.6	<0.02	4.3	1.87	0.3
736643	Drill Core	0.138	6.7	6.3	9.21	28.4	0.002	3	0.07	0.003	0.02	8.1	0.6	<0.02	0.06	<5	0.5	0.03	0.3	0.38	<0.1
736644	Drill Core	0.070	2.2	2.0	1.85	51.2	0.002	2	0.15	0.005	0.04	51.7	0.4	0.03	0.04	<5	0.4	<0.02	0.8	0.79	<0.1
736645	Drill Core	0.326	82.9	298.3	4.95	1974	0.243	1	2.90	0.288	1.66	0.3	6.1	0.44	0.05	<5	0.3	<0.02	8.5	45.95	0.2
736646	Drill Core	0.015	1.1	2.2	1.68	30.0	0.004	<1	0.07	0.001	0.05	1.5	0.3	0.04	<0.02	<5	0.5	<0.02	0.2	0.17	<0.1
736647	Drill Core	0.042	7.3	3.8	10.12	67.3	0.002	2	0.04	0.002	0.02	<0.1	0.3	<0.02	<0.02	<5	0.5	0.03	0.2	0.24	<0.1
736648	Drill Core	0.019	5.0	3.7	8.47	66.6	0.003	7	0.09	0.003	0.06	0.3	0.5	0.04	0.47	<5	0.8	0.03	0.3	0.31	<0.1
736649	Drill Core	0.045	4.8	9.3	9.58	116.0	0.007	7	0.32	0.004	0.11	0.2	0.9	0.07	0.02	<5	0.8	0.03	1.2	0.69	<0.1
736650	Drill Core	0.039	2.4	4.6	3.06	101.3	0.006	1	0.19	0.003	0.07	0.2	0.5	0.06	<0.02	<5	0.5	0.03	0.7	0.46	<0.1
736651	Drill Core	0.028	1.0	1.2	1.89	65.6	0.002	2	0.05	0.001	0.03	<0.1	0.2	0.06	<0.02	<5	0.5	0.03	0.2	0.20	<0.1

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Project: JERSEY  
 Report Date: March 04, 2008

Page: 4 of 5 Part 3

**CERTIFICATE OF ANALYSIS** VAN08003186.2

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
736622	Drill Core	0.10	0.48	9.7	0.8	<0.05	2.1	8.64	30.5	<0.02	<1	1.2	18.0	<10	<2	N.A.	N.A.
736623	Drill Core	0.10	0.47	9.2	0.6	<0.05	1.9	8.03	29.1	<0.02	<1	0.9	18.2	14	<2	N.A.	N.A.
736624	Drill Core	0.11	0.52	9.7	1.4	<0.05	2.7	11.00	38.4	<0.02	<1	0.8	13.3	<10	<2	N.A.	N.A.
736625	Drill Core	<0.02	0.11	16.5	1.8	<0.05	0.2	4.46	7.2	<0.02	<1	0.6	27.1	<10	<2	N.A.	N.A.
736626	Drill Core	<0.02	0.06	0.2	0.2	<0.05	<0.1	3.62	3.0	<0.02	<1	<0.1	0.3	<10	<2	N.A.	N.A.
736627	Drill Core	<0.02	0.06	0.8	0.4	<0.05	0.1	0.65	0.8	<0.02	8	0.1	0.6	<10	<2	N.A.	N.A.
736628	Drill Core	<0.02	0.04	0.2	0.1	<0.05	<0.1	0.39	0.4	<0.02	4	<0.1	0.2	<10	<2	N.A.	N.A.
736629	Drill Core	<0.02	0.05	0.5	0.4	<0.05	<0.1	0.63	0.6	<0.02	27	<0.1	0.5	<10	<2	N.A.	N.A.
736630	Drill Core	<0.02	0.10	1.3	<0.1	<0.05	0.2	1.83	2.2	<0.02	8	0.2	1.5	<10	<2	N.A.	N.A.
736631	Drill Core	0.08	0.16	37.7	0.4	<0.05	2.3	6.07	22.6	0.03	<1	0.9	23.4	<10	<2	N.A.	N.A.
736632	Drill Core	<0.02	0.10	7.3	0.3	<0.05	0.2	2.28	6.8	<0.02	3	0.3	3.8	60	<2	5.36	N.A.
736633	Drill Core	0.08	0.36	19.3	0.8	<0.05	1.1	9.67	33.7	0.04	<1	1.8	44.3	<10	<2	N.A.	N.A.
736634	Drill Core	0.04	0.27	36.1	0.7	<0.05	0.7	8.03	24.8	0.03	<1	1.0	58.4	<10	<2	N.A.	N.A.
736635	Drill Core	<0.02	0.21	52.1	0.7	<0.05	0.3	4.08	16.2	<0.02	3	1.1	60.9	<10	<2	N.A.	N.A.
736636	Drill Core	0.03	0.10	30.2	0.5	<0.05	1.0	7.07	16.8	0.03	<1	0.5	38.4	<10	<2	N.A.	N.A.
736637	Drill Core	<0.02	0.14	10.9	0.2	<0.05	0.4	7.44	18.5	<0.02	<1	0.6	33.5	<10	<2	N.A.	N.A.
736638	Drill Core	0.03	0.12	24.4	0.2	<0.05	0.8	6.01	17.7	<0.02	<1	0.8	41.8	<10	<2	N.A.	N.A.
736639	Drill Core	0.07	0.27	2.7	1.1	<0.05	1.8	5.02	24.3	0.09	<1	2.0	17.0	<10	<2	N.A.	0.018
736640	Drill Core	0.08	0.13	20.6	0.6	<0.05	2.2	7.34	14.0	0.04	<1	0.6	31.3	<10	<2	N.A.	N.A.
736641	Drill Core	0.11	0.51	6.7	1.7	<0.05	2.1	7.57	29.3	0.11	<1	2.9	15.9	<10	<2	N.A.	N.A.
736642	Drill Core	0.10	0.25	18.1	2.1	<0.05	2.5	6.69	19.5	0.12	<1	1.9	22.7	<10	<2	N.A.	N.A.
736643	Drill Core	<0.02	0.05	1.8	0.1	<0.05	0.7	11.33	8.2	0.09	4	0.8	7.2	<10	<2	N.A.	N.A.
736644	Drill Core	<0.02	0.05	2.8	0.4	<0.05	0.5	3.55	3.6	0.15	2	1.7	8.7	<10	<2	N.A.	N.A.
736645	Drill Core	0.18	2.88	66.7	0.7	<0.05	9.3	12.87	160.1	0.04	<1	1.2	31.1	16	4	N.A.	N.A.
736646	Drill Core	<0.02	0.12	1.7	<0.1	<0.05	0.3	1.04	1.8	<0.02	<1	<0.1	2.1	<10	<2	N.A.	N.A.
736647	Drill Core	<0.02	0.06	1.2	<0.1	<0.05	0.7	4.84	6.6	<0.02	7	0.2	1.5	<10	<2	N.A.	N.A.
736648	Drill Core	<0.02	0.06	2.8	<0.1	<0.05	0.4	3.78	5.0	<0.02	5	0.3	2.8	<10	<2	N.A.	N.A.
736649	Drill Core	0.02	0.07	4.6	0.1	<0.05	1.3	4.86	6.6	<0.02	2	0.6	6.7	<10	<2	N.A.	N.A.
736650	Drill Core	<0.02	0.09	3.1	<0.1	<0.05	0.7	2.44	3.3	<0.02	<1	0.4	2.8	<10	<2	N.A.	N.A.
736651	Drill Core	<0.02	0.06	1.4	<0.1	<0.05	0.4	1.13	1.3	<0.02	<1	0.1	1.7	<10	<2	N.A.	N.A.

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**CERTIFICATE OF ANALYSIS** **VAN08003186.2**

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
736652	Drill Core	5.60	0.48	0.30	24.82	55.3	33	1.2	0.2	129	0.04	0.7	1.9	<0.2	0.2	397.7	1.30	0.28	0.02	9	37.04
736653	Drill Core	3.60	1.59	2.71	83.60	105.5	97	4.3	0.5	266	0.46	2.8	6.5	<0.2	0.3	271.5	1.02	0.98	0.02	34	29.46
736654	Drill Core	6.60	1.66	1.55	13.89	67.4	36	3.9	0.5	1643	0.45	2.0	3.9	0.7	0.3	260.7	0.50	1.35	0.05	23	27.82
736655	Drill Core	4.00	0.40	0.58	22.34	32.2	36	3.0	0.2	1082	0.11	1.1	1.0	<0.2	<0.1	231.7	0.58	0.56	0.04	7	35.49
736656	Drill Core	6.60	1.01	2.05	30.18	30.3	334	4.7	0.2	587	0.25	1.6	1.2	<0.2	<0.1	205.1	0.55	0.60	0.04	7	36.05
736657	Drill Core	2.70	0.97	1.14	34.78	33.0	297	4.8	0.8	284	0.20	4.0	0.9	3.3	<0.1	218.3	0.61	0.41	5.45	5	36.18
736658	Drill Core	5.00	1.10	131.7	33.39	36.7	1438	3.0	66.3	1035	7.93	46.2	0.6	31.3	<0.1	140.5	0.62	1.96	17.25	<2	24.25
736659	Drill Core	5.30	11.41	51.57	9.56	99.1	116	16.3	7.7	1189	2.14	1.4	3.6	2.2	2.6	228.7	0.73	0.99	0.24	27	23.21
736660	Drill Core	5.70	11.86	37.17	10.60	85.9	176	45.1	20.8	763	4.20	26.9	1.1	3.4	10.5	68.2	0.06	6.44	0.90	33	3.17
736661	Drill Core	5.80	30.56	8.52	9.87	42.1	43	15.3	7.8	502	2.04	77.5	5.3	3.3	12.8	40.9	0.06	2.05	0.06	14	1.12
736662	Drill Core	5.60	3.89	6.43	15.37	28.9	80	3.2	3.6	602	1.44	70.1	9.8	11.6	17.5	57.5	0.04	1.21	0.13	5	1.10
736663	Drill Core	3.00	5.12	2.10	7.72	32.7	19	1.5	2.2	476	1.28	3.2	9.0	<0.2	17.3	27.2	0.03	0.35	0.04	4	0.44
736664	Drill Core	4.80	1.21	2.12	14.14	23.2	42	1.4	1.2	339	0.77	96.5	13.5	5.7	22.2	19.0	0.02	0.62	0.09	<2	0.43
736665	Drill Core	5.00	2.50	1.70	18.17	8.0	26	0.7	0.4	156	0.40	6.0	20.7	1.1	16.5	8.4	<0.01	0.13	0.11	<2	0.18
736666	Drill Core	5.60	16.66	1.31	16.08	13.2	33	2.1	0.5	254	0.50	47.6	21.4	6.3	19.9	12.8	0.02	0.38	0.18	<2	0.28
736667	Drill Core	6.60	5.61	2.62	13.25	10.1	35	1.0	0.8	357	0.69	10.2	19.6	1.9	21.3	20.0	0.01	0.21	0.10	<2	0.39
736668	Drill Core	6.10	11.97	3.11	14.18	13.7	151	1.7	1.1	315	1.14	256.2	11.5	32.6	20.9	29.9	0.03	0.67	0.10	<2	0.54
736669	Drill Core	6.70	192.2	4.98	23.19	14.8	178	0.7	3.7	1147	2.10	537.2	13.4	60.5	20.1	228.8	0.06	1.03	0.24	<2	6.14
736670	Drill Core	4.30	4.79	9.77	21.77	32.7	179	5.2	5.5	941	2.42	205.1	7.3	13.6	22.3	196.6	0.08	2.64	0.10	18	3.41
736671	Drill Core	5.70	5.13	2.83	14.78	28.5	27	1.6	1.9	487	1.19	14.6	7.9	2.6	17.5	61.1	0.03	0.53	0.06	5	1.01
736672	Drill Core	5.80	2.66	2.78	8.84	21.0	22	1.1	1.6	402	0.92	31.6	8.2	3.4	13.4	36.7	0.02	0.38	0.05	6	0.62
736673	Drill Core	5.20	1.63	4.48	7.58	30.8	15	2.2	2.5	487	1.36	3.0	6.4	2.3	17.2	39.7	0.01	0.20	0.05	13	0.64
736674	Drill Core	6.10	14.63	6.85	14.60	35.5	58	1.4	2.4	600	1.39	19.6	6.1	4.7	18.7	65.7	0.05	0.81	0.08	5	0.99
736675	Drill Core	6.00	3.21	3.91	7.67	26.9	17	1.8	1.9	437	1.12	2.7	8.8	1.9	19.7	32.5	0.02	0.27	0.06	7	0.52
736676	Drill Core	6.20	2.16	13.15	6.50	35.2	16	101.3	15.2	628	2.44	5.5	7.2	0.6	13.3	170.2	0.03	0.77	0.05	43	1.84
736677	Drill Core	5.50	7.46	7.13	13.35	14.7	15	2.1	1.1	290	0.70	6.1	14.1	1.2	20.4	30.7	0.01	0.38	0.07	<2	0.42
736678	Drill Core	5.80	5.36	5.03	14.80	16.8	25	1.4	1.0	289	0.69	3.8	14.1	1.4	19.9	26.1	0.01	0.28	0.07	<2	0.39

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Client: Sultan Minerals  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1 Canada

Project: JERSEY  
 Report Date: March 04, 2008

Page: 5 of 5 Part 2

**CERTIFICATE OF ANALYSIS** **VAN08003186.2**

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
736652	Drill Core	0.028	1.0	0.9	1.45	51.1	0.001	<1	0.04	<0.001	0.03	<0.1	0.2	0.03	<0.02	<5	0.4	0.02	0.1	0.12	<0.1
736653	Drill Core	0.101	5.2	3.6	6.96	74.3	0.003	3	0.08	0.002	0.04	0.2	0.4	0.06	0.17	<5	0.9	0.03	0.3	0.43	<0.1
736654	Drill Core	0.094	4.0	4.5	6.53	111.1	0.003	2	0.11	0.002	0.05	0.2	0.4	0.06	<0.02	<5	0.3	<0.02	0.5	0.52	<0.1
736655	Drill Core	0.007	0.7	1.2	0.32	37.5	<0.001	<1	0.02	<0.001	<0.01	0.2	0.2	<0.02	<0.02	<5	0.2	<0.02	0.2	0.11	<0.1
736656	Drill Core	0.005	0.5	1.0	0.39	31.6	<0.001	<1	0.01	<0.001	<0.01	1.9	0.2	0.02	0.09	<5	0.3	0.05	0.1	0.07	<0.1
736657	Drill Core	0.003	0.6	0.7	0.76	36.2	<0.001	<1	0.01	<0.001	<0.01	0.2	0.2	0.02	0.10	<5	0.2	0.15	<0.1	0.09	<0.1
736658	Drill Core	0.004	0.6	1.7	0.29	20.5	<0.001	<1	0.02	<0.001	<0.01	0.5	0.3	0.17	4.15	<5	4.2	1.39	0.2	0.11	0.2
736659	Drill Core	0.058	7.1	11.5	1.90	193.1	0.021	<1	0.54	0.015	0.05	2.8	1.5	0.09	0.86	<5	0.7	0.04	3.9	2.92	0.4
736660	Drill Core	0.042	17.7	51.4	1.11	97.6	0.080	5	1.92	0.006	0.62	0.4	5.8	0.50	0.92	<5	0.5	0.11	6.7	7.37	<0.1
736661	Drill Core	0.038	17.0	23.7	0.62	84.9	0.058	4	1.05	0.019	0.44	0.2	3.8	0.34	0.23	<5	0.3	<0.02	4.4	4.74	<0.1
736662	Drill Core	0.040	15.3	9.7	0.41	163.8	0.018	6	0.55	0.023	0.25	0.1	2.8	0.15	0.40	<5	0.3	<0.02	2.3	3.55	<0.1
736663	Drill Core	0.035	15.9	6.1	0.29	69.0	0.040	2	0.56	0.026	0.24	<0.1	2.7	0.16	0.15	<5	0.3	<0.02	3.1	2.61	<0.1
736664	Drill Core	0.015	13.3	6.4	0.22	43.1	0.013	4	0.50	0.022	0.18	0.2	2.0	0.12	0.10	<5	0.4	<0.02	2.2	2.17	<0.1
736665	Drill Core	0.002	7.3	6.7	0.08	17.5	0.002	1	0.27	0.058	0.12	0.4	1.4	0.06	0.04	<5	0.4	<0.02	1.4	1.34	<0.1
736666	Drill Core	0.003	8.2	6.8	0.11	26.9	0.003	4	0.33	0.045	0.14	0.3	1.4	0.08	0.07	<5	0.3	<0.02	1.5	1.88	<0.1
736667	Drill Core	0.005	8.5	6.9	0.15	23.9	0.003	3	0.32	0.040	0.14	0.2	1.5	0.07	0.19	<5	0.4	<0.02	1.6	1.26	<0.1
736668	Drill Core	0.010	6.3	7.2	0.31	31.6	<0.001	4	0.56	0.016	0.16	0.1	1.3	0.08	0.85	<5	0.4	<0.02	1.8	1.82	<0.1
736669	Drill Core	0.017	4.7	3.5	1.32	78.9	<0.001	6	1.34	0.004	0.22	0.2	1.2	0.10	1.63	<5	0.5	0.05	3.3	2.00	<0.1
736670	Drill Core	0.073	13.9	9.1	6.56	79.5	0.007	3	4.11	0.005	0.21	0.1	4.1	0.10	0.39	<5	<0.1	<0.02	9.6	5.78	<0.1
736671	Drill Core	0.042	25.5	6.9	0.61	62.4	0.007	5	1.06	0.030	0.24	0.1	2.2	0.13	0.11	<5	<0.1	<0.02	3.0	4.18	<0.1
736672	Drill Core	0.030	16.8	9.0	0.22	63.4	0.020	4	0.49	0.038	0.24	0.1	1.8	0.13	0.20	<5	0.1	<0.02	2.1	2.14	<0.1
736673	Drill Core	0.046	25.1	7.9	0.32	89.9	0.047	3	0.64	0.048	0.26	0.1	3.0	0.18	0.09	<5	0.1	<0.02	3.5	3.03	<0.1
736674	Drill Core	0.044	25.7	10.2	0.28	59.1	0.010	6	0.60	0.042	0.24	0.1	2.3	0.13	0.32	<5	0.1	<0.02	2.2	2.43	<0.1
736675	Drill Core	0.036	24.4	7.5	0.26	66.3	0.031	3	0.59	0.039	0.25	0.1	2.6	0.15	0.09	<5	<0.1	<0.02	2.9	3.15	<0.1
736676	Drill Core	0.132	17.3	50.4	2.27	524.1	0.110	3	1.13	0.062	0.48	0.1	4.1	0.14	0.12	<5	0.1	<0.02	3.8	5.98	<0.1
736677	Drill Core	0.015	14.8	7.3	0.15	22.1	0.003	4	0.37	0.044	0.14	0.2	2.0	0.06	0.06	<5	0.1	<0.02	1.5	2.46	<0.1
736678	Drill Core	0.014	13.2	7.5	0.12	24.8	0.003	3	0.35	0.047	0.15	0.2	1.8	0.06	0.07	<5	0.1	<0.02	1.6	1.61	<0.1

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**Project:** JERSEY  
**Report Date:** March 04, 2008

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**Page:** 5 of 5 **Part** 3

**CERTIFICATE OF ANALYSIS**

**VAN08003186.2**

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
736652	Drill Core	<0.02	0.06	1.2	<0.1	<0.05	0.2	1.11	1.2	<0.02	<1	0.1	0.9	<10	<2	N.A.	N.A.
736653	Drill Core	0.02	0.08	2.3	<0.1	<0.05	0.6	6.77	4.8	<0.02	2	0.3	4.5	<10	<2	N.A.	N.A.
736654	Drill Core	<0.02	0.08	3.5	<0.1	<0.05	1.2	5.04	4.2	<0.02	2	0.4	4.2	<10	<2	N.A.	N.A.
736655	Drill Core	<0.02	0.03	0.5	<0.1	<0.05	0.1	0.96	0.7	<0.02	1	<0.1	0.9	<10	<2	N.A.	N.A.
736656	Drill Core	<0.02	0.03	0.3	<0.1	<0.05	0.1	1.12	0.6	<0.02	<1	0.1	1.3	<10	<2	N.A.	N.A.
736657	Drill Core	<0.02	0.03	0.4	<0.1	<0.05	<0.1	0.68	0.5	<0.02	4	<0.1	1.5	<10	<2	N.A.	N.A.
736658	Drill Core	<0.02	0.03	0.6	<0.1	<0.05	<0.1	1.26	0.7	<0.02	2	<0.1	1.4	<10	<2	N.A.	N.A.
736659	Drill Core	0.03	0.28	3.7	9.7	<0.05	1.3	3.73	13.8	0.27	2	1.0	15.0	<10	<2	N.A.	N.A.
736660	Drill Core	0.02	0.14	48.4	0.8	<0.05	0.8	9.27	36.0	0.03	2	1.1	43.0	<10	<2	N.A.	N.A.
736661	Drill Core	0.11	0.29	42.3	0.6	<0.05	3.3	8.64	35.8	<0.02	<1	0.9	24.0	<10	<2	N.A.	N.A.
736662	Drill Core	0.26	0.74	19.5	0.4	<0.05	7.6	12.08	29.5	<0.02	<1	0.9	8.9	<10	<2	N.A.	N.A.
736663	Drill Core	0.26	1.09	21.8	0.4	<0.05	6.8	12.97	28.9	<0.02	<1	0.8	14.3	<10	<2	N.A.	N.A.
736664	Drill Core	0.36	1.23	15.7	0.3	<0.05	8.6	11.78	26.4	<0.02	<1	0.7	9.1	<10	<2	N.A.	N.A.
736665	Drill Core	0.51	2.68	11.2	0.3	<0.05	9.7	12.75	15.8	<0.02	<1	0.6	3.6	<10	<2	N.A.	N.A.
736666	Drill Core	0.40	1.81	13.5	0.4	<0.05	9.3	12.75	17.3	<0.02	<1	0.7	4.7	<10	<2	N.A.	N.A.
736667	Drill Core	0.31	1.83	11.8	0.2	<0.05	7.9	14.57	17.0	<0.02	<1	0.7	4.0	<10	<2	N.A.	N.A.
736668	Drill Core	0.23	1.48	12.7	0.1	<0.05	6.4	12.37	12.5	<0.02	<1	0.9	11.0	<10	<2	N.A.	N.A.
736669	Drill Core	0.20	0.46	19.7	0.2	<0.05	8.3	14.03	10.0	<0.02	1	1.7	50.0	13	<2	N.A.	N.A.
736670	Drill Core	0.32	0.12	19.7	0.1	<0.05	9.7	15.34	28.8	<0.02	<1	4.8	257.2	<10	<2	N.A.	N.A.
736671	Drill Core	0.17	0.35	21.6	0.2	<0.05	5.0	13.32	46.9	<0.02	<1	1.8	26.2	<10	<2	N.A.	N.A.
736672	Drill Core	0.10	0.70	20.1	0.2	<0.05	2.6	9.81	30.2	<0.02	<1	0.6	11.2	<10	<2	N.A.	N.A.
736673	Drill Core	0.11	1.04	23.6	0.3	<0.05	2.5	13.03	45.1	0.02	<1	0.7	23.2	<10	<2	N.A.	N.A.
736674	Drill Core	0.10	0.39	18.9	0.1	<0.05	3.2	11.63	45.8	0.02	<1	1.1	9.6	<10	<2	N.A.	N.A.
736675	Drill Core	0.13	1.78	23.8	0.2	<0.05	3.4	13.68	44.2	<0.02	<1	0.9	14.8	<10	<2	N.A.	N.A.
736676	Drill Core	0.31	0.15	25.0	0.3	<0.05	11.3	11.17	36.5	<0.02	<1	1.4	28.8	<10	<2	N.A.	N.A.
736677	Drill Core	0.26	1.89	10.9	0.1	<0.05	7.0	12.22	29.6	<0.02	<1	0.9	5.7	<10	<2	N.A.	N.A.
736678	Drill Core	0.34	2.00	11.2	<0.1	<0.05	9.0	13.44	26.7	<0.02	<1	0.9	6.4	<10	<2	N.A.	N.A.

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Client: Sultan Minerals  
 1400 - 570 Granville St.  
 Vancouver BC V6C 3P1 Canada

Project: JERSEY  
 Report Date: March 04, 2008

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN08003186.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
<b>Pulp Duplicates</b>																					
736570	Drill Core	5.10	1.69	56.45	5.49	332.6	153	32.4	13.4	405	2.36	0.9	1.8	0.3	12.6	173.4	5.25	0.05	0.64	7	5.22
REP 736570	QC		1.76	56.24	5.38	352.8	156	32.4	13.9	425	2.36	0.9	2.0	1.4	13.0	176.0	5.32	0.05	0.70	7	5.46
736580	Drill Core	6.30	124.8	25.47	8.47	214.4	75	5.5	1.8	781	1.16	0.6	1.1	1.4	1.3	90.8	1.98	0.08	0.69	28	14.90
REP 736580	QC		139.6	26.42	9.25	221.7	79	5.6	2.3	796	1.21	0.4	1.2	1.3	1.4	103.4	2.08	0.10	0.72	29	15.95
REP 736615	QC		0.54	0.17	13.60	11.0	3	3.5	<0.1	34	<0.01	<0.1	1.1	<0.2	<0.1	255.2	0.21	0.03	<0.02	<2	35.93
736617	Drill Core	1.80	1.31	2.98	880.4	4859	588	8.6	0.6	383	1.12	8.4	1.1	1.3	0.2	283.2	35.79	33.78	0.28	28	24.37
REP 736617	QC		1.20	2.69	881.8	4038	558	9.1	0.5	354	1.11	8.6	1.1	1.5	0.2	277.9	34.08	31.90	0.27	27	23.69
736644	Drill Core	2.80	5.66	2.12	6.47	118.7	28	2.2	1.6	1607	0.69	4.0	2.3	<0.2	0.3	214.3	0.33	0.39	0.23	7	24.94
REP 736644	QC		7.46	2.19	6.63	121.4	27	2.6	1.7	1698	0.70	4.2	2.3	<0.2	0.3	218.8	0.34	0.40	0.23	8	25.60
736654	Drill Core	6.60	1.65	1.55	13.89	67.4	36	3.9	0.5	1643	0.45	2.0	3.9	0.7	0.3	260.7	0.50	1.35	0.05	23	27.82
REP 736654	QC		1.74	1.65	14.11	68.3	35	3.6	0.6	1646	0.45	2.3	4.1	0.6	0.3	266.8	0.57	1.37	0.05	23	28.22
<b>Core Reject Duplicates</b>																					
736576	Drill Core	6.00	2.72	11.58	4.16	18.1	43	10.7	4.2	406	0.71	0.2	1.3	0.5	4.3	201.0	0.19	0.05	0.12	5	22.36
DUP 736576	QC		2.99	15.58	4.04	18.6	55	13.1	5.9	410	0.85	0.6	1.5	<0.2	5.2	187.1	0.16	0.08	0.14	5	20.22
736615	Drill Core	6.00	0.50	0.07	12.86	11.2	4	3.2	<0.1	34	<0.01	<0.1	1.0	<0.2	<0.1	246.9	0.17	0.03	<0.02	<2	34.85
DUP 736615	QC		0.54	0.03	13.49	9.7	5	4.0	<0.1	34	<0.01	<0.1	1.1	<0.2	0.1	243.2	0.18	0.03	<0.02	<2	34.61
736650	Drill Core	7.50	0.47	1.19	27.40	138.8	85	2.9	0.6	315	0.39	3.9	1.3	<0.2	0.4	329.4	1.36	2.71	0.05	14	32.78
DUP 736650	QC		0.43	1.20	32.17	144.0	93	2.3	0.6	319	0.39	4.1	1.4	<0.2	0.5	331.6	1.42	3.05	0.05	14	33.67
<b>Reference Materials</b>																					
STD DS7	Standard		20.05	99.86	63.44	394.0	790	54.4	9.6	571	2.35	48.0	4.9	94.1	4.6	68.1	6.26	5.89	4.75	84	0.90
STD DS7	Standard		20.61	103.6	64.45	389.2	899	56.0	9.6	625	2.38	48.8	5.0	67.1	4.3	73.8	6.23	5.58	4.20	83	1.01
STD DS7	Standard		21.36	103.1	66.73	387.5	873	58.2	9.9	632	2.37	48.4	4.9	79.0	4.9	79.6	6.35	5.84	4.51	84	1.04
STD DS7	Standard		21.72	101.5	66.10	381.2	874	57.4	9.6	606	2.33	46.4	4.7	72.7	4.5	75.6	6.40	5.74	4.26	80	0.99
STD DS7	Standard		19.34	105.2	71.10	397.6	820	56.8	9.5	632	2.36	52.1	4.9	57.8	4.4	65.4	6.26	5.75	4.06	85	0.96
STD KP-1	Standard																				
STD KP-1	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				

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Project: JERSEY  
 Report Date: March 04, 2008

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QUALITY CONTROL REPORT

VAN08003186.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ga	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
Pulp Duplicates																					
736570	Drill Core	0.063	17.6	18.1	0.38	207.2	0.044	2	1.78	0.083	0.30	0.9	3.1	0.15	1.17	<5	0.2	0.06	4.5	2.43	0.5
REP 736570	QC	0.065	16.8	18.2	0.40	230.4	0.048	2	1.86	0.082	0.35	1.0	3.7	0.15	1.10	8	0.2	0.08	4.6	2.45	0.5
736580	Drill Core	0.020	5.3	4.0	6.10	113.9	0.021	29	0.31	0.004	0.10	25.7	1.2	0.21	0.49	<5	1.4	0.11	1.5	0.64	1.0
REP 736580	QC	0.024	5.7	4.9	6.32	132.7	0.023	37	0.36	0.005	0.12	28.0	1.2	0.23	0.53	<5	1.4	0.13	1.6	0.69	1.1
736615	Drill Core	0.009	<0.5	<0.5	0.61	9.4	<0.001	<1	0.02	0.002	0.01	0.4	<0.1	<0.02	<0.02	<5	0.4	0.08	<0.1	<0.02	<0.1
REP 736615	QC	0.009	<0.5	<0.5	0.61	9.4	<0.001	<1	0.02	0.002	0.01	0.4	<0.1	<0.02	<0.02	<5	0.4	0.08	<0.1	<0.02	<0.1
736617	Drill Core	0.046	3.3	2.5	8.90	46.0	0.001	2	0.05	0.004	0.03	0.4	0.3	0.05	0.03	61	0.8	0.09	0.2	0.19	<0.1
REP 736617	QC	0.046	3.2	2.2	8.98	42.4	0.001	3	0.05	0.004	0.03	0.3	0.3	0.04	0.02	76	0.9	0.09	0.2	0.18	<0.1
736644	Drill Core	0.070	2.2	2.0	1.85	51.2	0.002	2	0.15	0.005	0.04	51.7	0.4	0.03	0.04	<5	0.4	<0.02	0.8	0.79	<0.1
REP 736644	QC	0.071	2.3	2.0	1.89	55.7	0.002	2	0.15	0.005	0.04	51.5	0.4	0.04	0.03	<5	0.3	<0.02	0.8	0.83	0.1
736654	Drill Core	0.094	4.0	4.5	6.53	111.1	0.003	2	0.11	0.002	0.05	0.2	0.4	0.06	<0.02	<5	0.3	<0.02	0.5	0.52	<0.1
REP 736654	QC	0.092	4.1	4.7	6.65	112.3	0.003	1	0.10	0.002	0.06	0.2	0.5	0.06	<0.02	<5	0.3	<0.02	0.5	0.52	<0.1
Core Reject Duplicates																					
736576	Drill Core	0.027	6.5	9.4	2.60	16.4	0.032	3	0.55	0.008	0.09	4.2	1.4	0.04	0.24	<5	0.3	0.16	2.1	0.44	<0.1
DUP 736576	QC	0.035	7.0	12.8	2.56	13.9	0.038	4	0.63	0.013	0.09	3.8	1.4	0.05	0.38	<5	0.2	0.14	2.3	0.48	<0.1
736615	Drill Core	0.009	<0.5	<0.5	0.60	9.5	<0.001	<1	0.01	0.002	0.01	0.4	<0.1	<0.02	<0.02	7	0.4	0.11	<0.1	<0.02	<0.1
DUP 736615	QC	0.010	<0.5	<0.5	0.63	9.0	<0.001	<1	0.02	<0.001	0.01	0.4	<0.1	<0.02	<0.02	<5	0.3	0.12	<0.1	0.02	<0.1
736650	Drill Core	0.039	2.4	4.6	3.06	101.3	0.006	1	0.19	0.003	0.07	0.2	0.5	0.06	<0.02	<5	0.5	0.03	0.7	0.48	<0.1
DUP 736650	QC	0.039	2.7	4.6	3.06	116.7	0.007	1	0.22	0.003	0.08	0.2	0.5	0.08	<0.02	<5	0.4	0.03	0.8	0.58	<0.1
Reference Materials																					
STD DS7	Standard	0.079	12.3	202.6	1.02	363.4	0.106	38	1.05	0.089	0.43	3.7	2.7	4.30	0.19	210	3.4	1.07	4.6	5.92	0.1
STD DS7	Standard	0.074	14.0	211.8	1.04	375.6	0.119	36	1.11	0.096	0.43	3.7	2.8	4.29	0.20	218	4.0	1.01	4.8	6.07	<0.1
STD DS7	Standard	0.077	14.4	222.9	1.06	383.5	0.127	40	1.07	0.097	0.42	4.2	3.0	4.46	0.20	215	3.5	1.06	5.0	6.28	0.1
STD DS7	Standard	0.073	13.4	216.0	1.06	395.0	0.123	37	1.03	0.091	0.41	3.8	2.8	4.40	0.20	199	3.8	1.14	5.0	5.81	0.1
STD DS7	Standard	0.078	11.4	212.8	1.01	382.9	0.107	33	0.95	0.087	0.46	3.9	2.5	4.25	0.19	193	3.8	0.94	4.5	5.94	<0.1
STD KP-1	Standard																				
STD KP-1	Standard																				
STD R3A	Standard																				
STD R3A	Standard																				

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Project: JERSEY  
 Report Date: March 04, 2008

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**QUALITY CONTROL REPORT** VAN08003186.2

Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP		
				Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
				0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
<b>Pulp Duplicates</b>																			
736570	Drill Core			0.12	0.74	16.8	1.1	<0.05	2.5	6.56	31.1	0.07	<1	0.8	48.4	<10	<2	N.A.	N.A.
REP 736570	QC			0.11	0.69	17.4	1.1	<0.05	2.7	7.13	29.8	0.08	<1	1.1	48.8	<10	<2		
736580	Drill Core			0.06	0.61	7.0	1.0	<0.05	1.6	3.07	8.3	0.04	10	0.9	6.7	29	<2	N.A.	N.A.
REP 736580	QC			0.07	0.87	7.3	1.1	<0.05	1.8	3.51	9.5	0.03	10	0.8	7.1	14	<2		
736615	Drill Core			<0.02	0.04	0.5	<0.1	<0.05	0.1	0.18	0.5	<0.02	6	<0.1	0.3	<10	<2		
REP 736615	QC			<0.02	0.04	0.5	<0.1	<0.05	0.1	0.18	0.5	<0.02	6	<0.1	0.3	<10	<2		
736617	Drill Core			<0.02	0.05	1.3	0.2	<0.05	0.3	2.80	4.0	0.04	4	0.6	1.5	<10	<2	N.A.	N.A.
REP 736617	QC			<0.02	0.04	1.2	0.2	<0.05	0.3	2.70	3.7	0.03	2	0.6	1.4	<10	<2		
736644	Drill Core			<0.02	0.05	2.8	0.4	<0.05	0.5	3.55	3.6	0.15	2	1.7	8.7	<10	<2	N.A.	N.A.
REP 736644	QC			<0.02	0.04	2.8	0.5	<0.05	0.5	3.71	3.7	0.17	3	1.7	8.9	<10	<2		
736654	Drill Core			<0.02	0.08	3.5	<0.1	<0.05	1.2	5.04	4.2	<0.02	2	0.4	4.2	<10	<2	N.A.	N.A.
REP 736654	QC			0.03	0.07	3.5	<0.1	<0.05	1.2	5.15	4.2	<0.02	2	0.2	4.2	<10	<2		
<b>Core Reject Duplicates</b>																			
736576	Drill Core			0.02	0.26	5.3	0.3	<0.05	0.6	6.26	12.8	<0.02	<1	0.5	10.1	<10	<2	N.A.	N.A.
DUP 736576	QC			0.04	0.27	5.7	0.2	<0.05	0.7	6.66	13.9	<0.02	<1	0.6	11.5	<10	<2	N.A.	N.A.
736615	Drill Core			<0.02	0.05	0.4	<0.1	<0.05	<0.1	0.16	0.5	<0.02	3	<0.1	0.4	<10	<2	N.A.	N.A.
DUP 736615	QC			<0.02	0.05	0.5	0.2	<0.05	<0.1	0.20	0.7	<0.02	3	<0.1	0.4	<10	<2	N.A.	N.A.
736650	Drill Core			<0.02	0.09	3.1	<0.1	<0.05	0.7	2.44	3.3	<0.02	<1	0.4	2.6	<10	<2	N.A.	N.A.
DUP 736650	QC			0.02	0.10	3.5	0.2	<0.05	0.8	2.50	3.9	<0.02	<1	0.5	3.0	<10	<2	N.A.	N.A.
<b>Reference Materials</b>																			
STD DS7	Standard			0.12	0.58	29.5	4.8	<0.05	5.4	5.43	35.3	1.51	4	1.6	32.0	72	35		
STD DS7	Standard			0.15	0.75	33.4	4.6	<0.05	6.0	6.52	40.1	1.46	4	1.4	25.9	109	36		
STD DS7	Standard			0.16	0.88	35.5	4.9	<0.05	6.4	7.13	40.9	1.60	5	1.9	27.3	74	41		
STD DS7	Standard			0.16	0.69	33.8	4.7	<0.05	6.3	6.40	39.4	1.54	3	1.5	25.1	79	37		
STD DS7	Standard			0.11	0.49	33.1	5.0	<0.05	5.5	4.89	34.8	1.55	<1	1.8	24.6	80	41		
STD KP-1	Standard																		0.737
STD KP-1	Standard																		0.740
STD R3A	Standard																		4.02
STD R3A	Standard																		3.93

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Project: **JERSEY**  
 Report Date: **March 04, 2008**

Page: **2 of 2** Part **1**

**QUALITY CONTROL REPORT** **VAN08003186.2**

		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
STD DS7 Expected		20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	
STD KP-1 Expected																					
STD R3A Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.23	1.67	2.84	48.3	11	3.8	4.1	529	1.66	<0.1	2.5	<0.2	4.1	44.2	0.02	<0.02	0.04	34	0.72
G1	Prep Blank	<0.01	0.41	1.80	11.91	67.2	13	4.2	4.4	560	1.82	<0.1	2.7	<0.2	4.4	54.4	0.20	0.02	0.05	36	0.68

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Project: JERSEY  
 Report Date: March 04, 2008

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**QUALITY CONTROL REPORT** VAN08003186.2

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ga
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6	6.36	0.1
STD KP-1 Expected																					
STD R3A Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.075	5.0	8.2	0.59	218.9	0.106	<1	0.88	0.045	0.51	0.1	1.9	0.36	<0.02	<5	<0.1	<0.02	4.2	3.29	<0.1
G1	Prep Blank	0.076	6.7	9.7	0.61	228.0	0.115	<1	1.06	0.077	0.56	<0.1	2.2	0.38	<0.02	6	<0.1	<0.02	4.8	3.41	0.1

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QUALITY CONTROL REPORT

VAN08003186.2

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	7KP	
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
STD DS7 Expected		0.11	0.71	35.8	5.4	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.005
STD KP-1 Expected							5.4	5.18	38	1.57	4	1.6	29.3	58	37		0.74
STD R3A Expected																4.03	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank																<0.005
BLK	Blank																<0.01
Prep Wash																	
G1	Prep Blank	0.07	0.38	42.9	0.3	<0.05	1.0	3.09	10.5	<0.02	<1	0.2	31.6	<10	<2	N.A.	N.A.
G1	Prep Blank	0.08	0.46	44.3	0.4	<0.05	1.2	4.09	13.1	<0.02	<1	0.2	32.1	20	<2	N.A.	N.A.

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## **APPENDIX 4**

TAG NUMBER / SAMPLE INTERVAL CHART

**Sample Interval and Tag Information**

<b>TAG #</b>	<b>Hole ID</b>	<b>From</b>	<b>To</b>	<b>Width</b>
No sample	JS07-20	0	7	7
No sample	JS07-20	7	38	31
736627	JS07-20	38	48	10
No sample	JS07-20	48	68	20
736628	JS07-20	68	78	10
No sample	JS07-20	78	108	30
736629	JS07-20	108	118	10
No sample	JS07-20	118	148	30
736630	JS07-20	148	158	10
No sample	JS07-20	158	183	25
736631	JS07-20	183	193	10
736632	JS07-20	193	195.7	2.7
No sample	JS07-20	195.7	204.3	8.6
736633	JS07-20	204.3	214.3	10
736634	JS07-20	214.3	223	8.7
736635	JS07-20	223	234.2	11.2
736636	JS07-20	234.2	243	8.8
736637	JS07-20	243	253	10
736638	JS07-20	253	263	10
736639	JS07-20	263	273	10
736640	JS07-20	273	283	10
736641	JS07-20	283	293	10
736642	JS07-20	293	303	10
736643	JS07-20	303	313	10
736644	JS07-20	313	318.4	5.4
No sample	JS07-20	318.4	348	29.6
736645	JS07-20	348	351.9	3.9
No sample	JS07-20	351.9	388	36.1
736646	JS07-20	388	398	10
No sample	JS07-20	398	432.2	34.2
736647	JS07-20	432.2	435.3	3.1
No sample	JS07-20	435.3	453.4	18.1
736648	JS07-20	453.4	463	9.6
736649	JS07-20	463	473	10
736650	JS07-20	473	486.4	13.4
736651	JS07-20	486.4	496.6	10.2
736652	JS07-20	496.6	505.1	8.5
No sample	JS07-20	505.1	539.5	34.4
736653	JS07-20	539.5	545.7	6.2
No sample	JS07-20	545.7	557.2	11.5
736654	JS07-20	557.2	568	10.8
736655	JS07-20	568	578	10
736656	JS07-20	578	588	10
736657	JS07-20	588	594.3	6.3
736658	JS07-20	594.3	603	8.7
736659	JS07-20	603	613	10
736660	JS07-20	613	623	10
736661	JS07-20	623	633	10

Sample Interval and Tag Information

TAG #	Hole ID	From	To	Width
736662	JS07-20	633	643	10
736663	JS07-20	643	648	5
736664	JS07-20	648	658	10
736665	JS07-20	658	668	10
736666	JS07-20	668	678	10
736667	JS07-20	678	688	10
736668	JS07-20	688	698	10
736669	JS07-20	698	709.4	11.4
736670	JS07-20	709.4	718.4	9
736671	JS07-20	718.4	728	9.6
736672	JS07-20	728	738	10
736673	JS07-20	738	748	10
736674	JS07-20	748	758	10
736675	JS07-20	758	768	10
736676	JS07-20	768	778	10
736677	JS07-20	778	788	10
736678	JS07-20	788	798	10
736679	JS07-20	798	808	10
736680	JS07-20	808	818	10
736681	JS07-20	818	825.9	7.9
736682	JS07-20	825.9	832	6.1
736683	JS07-20	832	838	6

**Sample Interval and Tag Information**

<b>TAG #</b>	<b>Hole ID</b>	<b>From</b>	<b>To</b>	<b>Width</b>
No sample	JS07-21	0	2.5	2.5
736684	JS07-21	2.5	13	10.5
736685	JS07-21	13	23	10
No sample	JS07-21	23	79	56
736686	JS07-21	79	83	4
No sample	JS07-21	83	103	20
736687	JS07-21	103	107.4	4.4
No sample	JS07-21	107.4	128	20.6
736688	JS07-21	128	138	10
736689	JS07-21	138	148	10
736690	JS07-21	148	158	10
736691	JS07-21	158	168	10
736692	JS07-21	168	178	10
736693	JS07-21	178	183.1	5.1
No sample	JS07-21	183.1	185.1	2
736694	JS07-21	185.1	193	7.9
736695	JS07-21	193	198.2	5.2
736696	JS07-21	198.2	203.3	5.1
736697	JS07-21	203.3	213	9.7
736698	JS07-21	213	223	10
736699	JS07-21	223	227.3	4.3
736700	JS07-21	227.3	232.2	4.9
736701	JS07-21	232.2	243	10.8
736702	JS07-21	243	253	10
736703	JS07-21	253	263	10
736704	JS07-21	263	267.5	4.5
736705	JS07-21	267.5	273	5.5
736706	JS07-21	273	283	10
No sample	JS07-21	283	298	15
736707	JS07-21	298	308	10
No sample	JS07-21	308	328	20

**Sample Interval and Tag Information**

<b>TAG #</b>	<b>Hole ID</b>	<b>From</b>	<b>To</b>	<b>Width</b>
No sample	JS07-22	0	2	2
No sample	JS07-22	2	28	26
736708	JS07-22	28	38	10
No sample	JS07-22	38	66.8	28.8
736709	JS07-22	66.8	78	11.2
No sample	JS07-22	78	99.2	21.2
736710	JS07-22	99.2	108.5	9.3
736711	JS07-22	108.5	119	10.5
736712	JS07-22	119	128.4	9.4
736713	JS07-22	128.4	138	9.6
736714	JS07-22	138	148	10
736715	JS07-22	148	158	10
736716	JS07-22	158	168	10
736717	JS07-22	168	178	10
736718	JS07-22	178	188	10
736719	JS07-22	188	198	10
736720	JS07-22	198	211.6	13.6
736721	JS07-22	211.6	217	5.4
736722	JS07-22	217	228	11
736723	JS07-22	228	238	10
736724	JS07-22	238	248	10
736725	JS07-22	248	258	10
736726	JS07-22	258	268	10
736727	JS07-22	268	278.1	10.1
736728	JS07-22	278.1	288	9.9
736729	JS07-22	288	298	10
736730	JS07-22	298	308	10
736731	JS07-22	308	316.4	8.4
736732	JS07-22	316.4	323	6.6
736733	JS07-22	323	329.8	6.8
736734	JS07-22	329.8	338	8.2
736735	JS07-22	338	348	10
736736	JS07-22	348	357.6	9.6
736737	JS07-22	357.6	368	10.4
736738	JS07-22	368	378.4	10.4
736739	JS07-22	378.4	388.5	10.1
736740	JS07-22	388.5	398	9.5
736741	JS07-22	398	408	10
736742	JS07-22	408	418	10
736743	JS07-22	418	428	10

**Sample Interval and Tag Information**

<b>TAG #</b>	<b>Hole ID</b>	<b>From</b>	<b>To</b>	<b>Width</b>
No sample	JS07-23	0	2	2
No sample	JS07-23	2	38	36
736744	JS07-23	38	48	10
No sample	JS07-23	48	56.8	8.8
736745	JS07-23	56.8	63	6.2
No sample	JS07-23	63	79.5	16.5
736746	JS07-23	79.5	88.4	8.9
No sample	JS07-23	88.4	113	24.6
736747	JS07-23	113	123	10
736748	JS07-23	123	133	10
736749	JS07-23	133	144.2	11.2
736750	JS07-23	144.2	153	8.8
736751	JS07-23	153	163	10
736752	JS07-23	163	173	10
736753	JS07-23	173	184.8	11.8
736754	JS07-23	184.8	193	8.2
736755	JS07-23	193	203	10
736756	JS07-23	203	213	10
736757	JS07-23	213	223	10
736758	JS07-23	223	233	10
736759	JS07-23	233	234	1
736760	JS07-23	234	249	15
No sample	JS07-23	249	268	19
736761	JS07-23	268	278	10
No sample	JS07-23	278	295	17
736762	JS07-23	295	305	10
No sample	JS07-23	305	328	23
736763	JS07-23	328	338	10
No sample	JS07-23	338	378	40

**Sample Interval and Tag Information**

<b>TAG #</b>	<b>Hole ID</b>	<b>From</b>	<b>To</b>	<b>Width</b>
No sample	JS07-24	0	1.2	1.2
No sample	JS07-24	1.2	28	26.8
736764	JS07-24	28	38	10
No sample	JS07-24	38	58	20
736765	JS07-24	58	68	10
No sample	JS07-24	68	88	20
736766	JS07-24	88	98	10
No sample	JS07-24	98	115	17
736767	JS07-24	115	125	10
736768	JS07-24	125	137	12
No sample	JS07-24	137	168	31
736769	JS07-24	168	178	10
No sample	JS07-24	178	188	10
736770	JS07-24	188	198	10
No sample	JS07-24	198	207	9
736771	JS07-24	207	217	10
736772	JS07-24	217	228	11
736773	JS07-24	228	238	10
736774	JS07-24	238	244.8	6.8
736775	JS07-24	244.8	256.5	11.7
736776	JS07-24	256.5	260.4	3.9
736777	JS07-24	260.4	270	9.6
736778	JS07-24	270	281	11
736779	JS07-24	281	291	10
736780	JS07-24	291	302	11
736781	JS07-24	302	313	11
736782	JS07-24	313	323	10
736783	JS07-24	323	334.3	11.3
736784	JS07-24	334.3	343	8.7
736785	JS07-24	343	353	10
736786	JS07-24	353	363	10
736787	JS07-24	363	373	10
736788	JS07-24	373	383	10
No sample	JS07-24	383	394.8	11.8
736789	JS07-24	394.8	404.9	10.1
736790	JS07-24	404.9	415	10.1
736791	JS07-24	415	425	10
736792	JS07-24	425	435	10
736793	JS07-24	435	445	10
736794	JS07-24	445	455	10
736795	JS07-24	455	458	3

**APPENDIX 5**

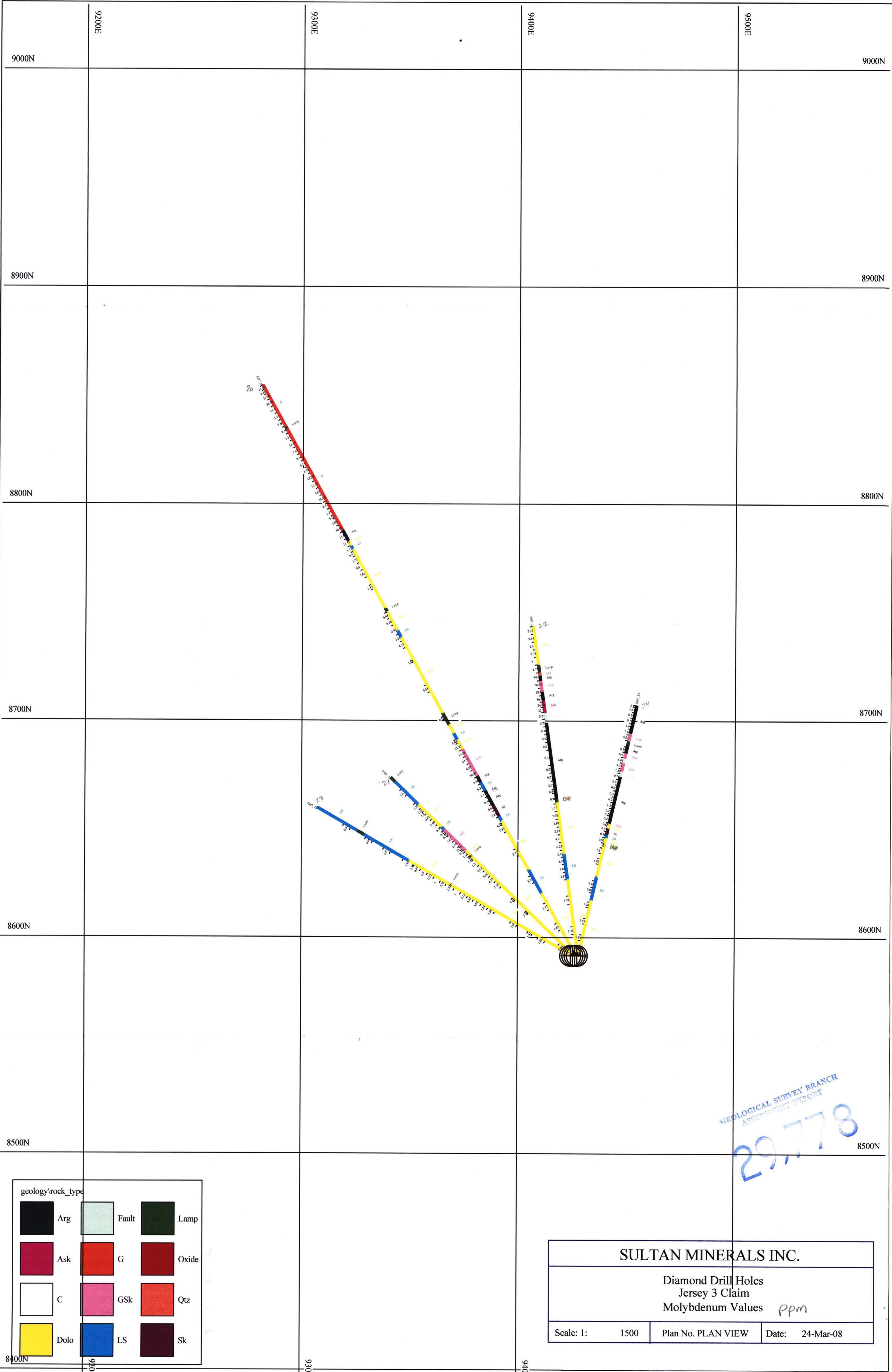
**DRILL PLAN AND CROSS SECTIONS**

MOLYBDENUM POCKET  
TUNGSTEN POCKET

GEOLOGICAL SURVEY OF CANADA

2013





GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT  
29,778

geology/rock_type		
Arg	Fault	Lamp
Ask	G	Oxide
C	GSk	Qtz
Dolo	LS	Sk

<b>SULTAN MINERALS INC.</b>		
Diamond Drill Holes Jersey 3 Claim Molybdenum Values ppm		
Scale: 1:	1500	Plan No. PLAN VIEW
		Date: 24-Mar-08

main\_graphics\_layer



