Assessment Report on Geological and Geochemical Surveys On the Summit B (Kitty) Property Summit Lake Project Solitaire Minerals Inc.

667003 (Kitty Copper), 667023 (Kitty 2), 667043 (Kitty 3), 667843 (Kitty 4)

Owner: Solitaire Minerals Inc.

Iskut area, north-western British Columbia

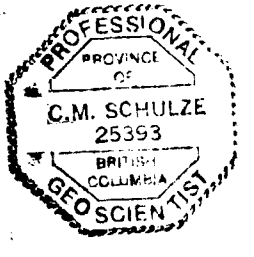
Liard Mining Division

57°52'33" Lat, 129°56'03" Long
UTM NAD 27C: 444700E, 6415000N, Zone 9
NTS Sheet 104H/13

Effective Date: Aug 1, 2010

For: Solitaire Minerals Inc.
Suite 430 – 609 Granville St.
Vancouver, B.C. V7Y 1G5
Tel: 604-683-5445
Fax: 604-687-9631
Toll Free: 1-866-683-5445
charles@northamericangem.com

By: Carl Schulze, BSc, PGeo, Consulting Geologist for project
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6
Tel: 867-633-4807
Fax: 867-633-4883
Email: allterrane@northwestel.net



Dec 10, 2010

Summary

In June 2010 Solitaire Minerals Inc. conducted a short exploration program on the Summit B (Kitty) property centered about 5 km northeast of the Village of Iskut, northern British Columbia, Canada. The property was acquired as part of an area play peripheral to the Red Chris porphyry-style copper-gold deposit, located roughly 20 km to the south.

The Kitty property occurs within a complex assemblage of Devonian to Triassic Stikinia Terrane rocks along the north margin of the Middle to Upper Jurassic Bowser Basin. This assemblage consists of Devonian to Permian aged Asitka arc volcanic and platform carbonates forming the basement of the Stikinia Terrane, intruded by several plutons of Lower Triassic hornblende diorite and white to pink hornblende granodiorite. These lower formations are flanked by Jurassic Hazelton Group volcanic arc complexes southwest of the property.

The Kitty property itself is underlain by a sequence of Asitka Group Devonian to Permian fine clastic sediments, mainly phyllites with minor limestone, intercalated with coeval basalt and andesites. Northern areas are underlain by a sizable Lower Triassic pluton of equigranular, coarse grained diorite to gabbro. The property hosts a well developed northwest trending lineation, indicated by prominent kilometric-scale lineaments.

Trenching in the 1970s at the "Main Trench area" exposed fracture-controlled chalcopyrite with minor bornite, malachite and azurite along a northwest trending fault trace. Exploration in the early 1990s returned values to 8.98% copper with 24.5 g/t silver across 10 cm of chip sampling.

Year-2010 exploration focused on the Main Trench area, recognizing the presence of arsenical and copper-bearing mineralization directly to the south forming a second trend extending slightly oblique to the chalcopyrite-rich, gold-poor trend. Gold values to 17.9 g/t were returned from specific composite grab sampling, and to 1.875 g/t gold from a 2.0m chip sample at a separate location. A combination of rock and detailed grid soil sampling concluded this forms a significant zone at least 500m long, open in both directions. Mapping also identified potential for the northern trend to occur along a common fault lineament with the previously trenched "North-western Occurrence" about 1.5 km to the northwest.

Geochemical results led to identification of two distinct geochemical populations; one consists of gold-poor copper sulphide mineralization shown by the northern trend; the other consists of auriferous arsenical mineralization enriched in copper, antimony and silver, shown by the southern trend. Economic potential in the southern auriferous trend is the higher of the two, although this was not the prime focus of past exploration. Two occurrences east of the Main Trench area belong to the auriferous population. Numerous small occurrenees of gold-poor chalcopyrite-bearing ankerite veins occurring throughout the property have low economic potential, enhanced slightly if an occurrence is located along a structural lineament.

The two populations likely represent temporally distinct pulses of the entire mineralizing event on the Kitty property. Although no age dating or fluid inclusion studies are known, the auriferous zone is interpreted as the earlier of the two. Mineralization likely represents a

separate system from that of the Red Chris Deposit, due to considerable distance from the core area of the latter, and lack of typical bonanza or epithermal features.

A Phase 1 program consisting of detailed grid soil sampling and geological mapping across the projected extent of the two mineralized trends is recommended to commence by mid-June, 2011. The objective is to develop drill targets, if any, for a Phase 2 program of up to 1,000 metres of diamond drilling in 7-8 holes, based from a campsite near the Main Trench area, commencing by mid-August. Projected expenditures for Phase 1 stand at **CDN$66,727**; with 15% contingency this stands at **CDN$76,736**. Projected Phase 2 expenditures are set at **$423,907**: with 15% contingency this figure stands at **$498,625**.

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1.0 Introduction

In November 2009 Solitaire Minerals Inc. (SLT – TSX-V) entered into an option agreement to acquire a 100% interest in the Summit B (Kitty) property consisting of 4 mineral tenures covering 1,394.53 hectares (3,444.5 acres) centered about 5 kilometres northeast of the Village of Iskut, north-western British Columbia, Canada. The tenures cover a known copper-gold showing in the peripheral area to the Red Chris copper-gold porphyry deposit southeast of Iskut. The property underwent four days of helicopter-supported geological mapping and geochemical sampling in June 2010. This assessment report covers the findings of geological mapping, reconnaissance and grid soil geochemical sampling, and stream sediment sampling comprising the 2010 surface exploration program.

1.1 Underlying Agreements

On November 18th Solitaire Minerals Corporation entered into an option agreement whereby it can earn a 100% interest in two properties, at the time comprising the Summit Lake Project: the Summit A (RC) property and the Summit B (Kitty) Property. Solitaire may earn a 100% interest in both properties by paying the vendor, Mr. K. Smith, CDN$12,500 upon signing of the agreement, and an additional CDN$12,500 and 300,000 common shares upon TSX Venture approval. Solitaire is to pay another CDN$30,000 and issue another 400,000 common shares upon the first anniversary of the agreement, and an additional $50,000 and 500,000 common shares by the second anniversary of the signing date. The vendor will also retain a 2% Net Smelter Royalty (NSR); Solitaire may repurchase 1% (half of this) for CDN$1 million (News Release SLT Nov 18, 2009).

1.2 Terms of Reference

The author has been requested to write this report to satisfy assessment filing requirements under the Mines Division of the Ministry of Energy, Mines and Petroleum Resources, Government of British Columbia.

1.3 Sources of Information

The majority of information on past exploration in the property area was provided by a 1991 report entitled: "Geological and Geochemical Report on the Zetu Creek property" for West Pride Industries Corporation by Roger G. Kidlark of Reliance Geological Services Inc. Some additional information was provided by an assessment report entitled: Geochemical Report on the Railway-Zetu Property" by D.G. DuPre of Keewatin Engineering Inc. in service to Hyder Gold Inc. Limited past history was provided online at the British Columbia "Minfile" website and district-scale geological data was provided on-line by the British Columbia Geological Survey site.

1.4 Field Involvement of Qualified Person

Mr. Carl Schulze, BSc, PGeo and the Qualified Person for the project, was on site for the entire duration of the field program which occurred intermittently from June 13 – 23, 2010. Compilation and interpretation of geological, structural, and geochemical data were done by All Terrane Mineral Exploration Services, of which Mr. Schulze is sole proprietor.

2.0 Property Description and Location

The Summit B (Kitty) property consists of four mineral tenures covering 1,394.53 hectares (3,444.5 acres) centered about 5 kilometres northeast of the Village of Iskut, north-western British Columbia, Canada. The property is centered at 57°52'33" Latitude, 129°56'03" Longitude (UTM NAD 27C: 444700E, 6415000N, Zone 9) on NTS Sheet 104H13 (Figures 1 through 2). All claims are contiguous and unpatented (Table 1, Figure 3) and have not undergone a legal survey. Outcrop exposure is fairly abundant above tree line, and very abundant along stream canyons.

There are no past mine workings, existing tailings ponds, waste deposits or major bulk sample excavations, although fairly intensive trenching has been done and remains unreclaimed on Tenure No. 667003 (Kitty Copper claim). Fairly abundant streams with flow suitable for diamond drilling occur across the property, including one directly east of the trenched area.

There are no known environmental liabilities on the property. No permits are in place or were required to perform the grass-roots style exploration during the 2010 program.

Table 1: Claim status, Summit B (Kitty) block

Tenure No.	Claim Name	Issue Date	Expiry Date*	Area (ha)
667003	KITTY COPPER	2009/Nov/10	2014/Nov 10	413.19
667023	KITTY2	2009/Nov/10	2014/Nov 10	344.30
667043	KITTY3	2009/Nov/10	2014/Nov 10	378.91
667843	KITTY4	2009/Nov/11	2015/Nov 11	258.13

* following filing of applicable assessment work, September, 2010

3.0 Access, Physiography and Climate

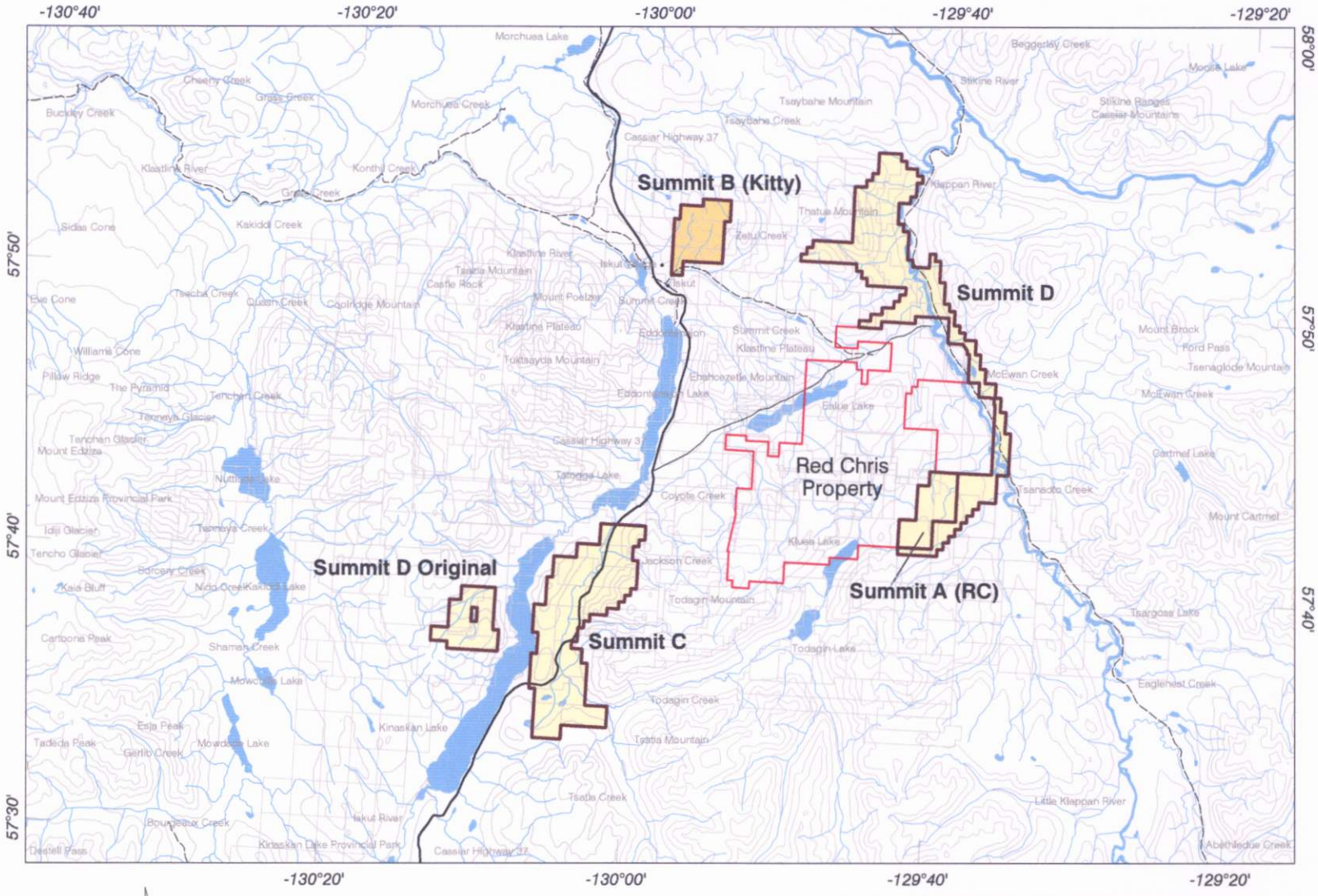
The Kitty property is centered about 4.5 kilometres northeast of the Village of Iskut in highland terrain of moderate relief, with locally steep relief in the southern property area and along narrow stream gorges. Elevations range from just below 3,000 feet (915m) at Zetu Creek to a maximum of 5,847 feet (1,782m) at the peak of Zechtoo Mountain. Access during the 2010 season was by helicopter from Dease Lake, although helicopter access is also possible from Highway 37 (the Stewart-Cassiar Highway) directly west of the Village of Iskut. However, an ATV-trail in good condition extends from the highway through the property to a microwave tower near the peak of

Zechtoo Mountain (Map 1) with branch trails to the stream directly east of the trenched area, and a second trenched area to the northwest (Map 1).

The northern half of the property is covered by alpine grasses and buckbrush, with patchy taiga forest consisting of subalpine fir below the 5,000-foot (1,500m) level. The southern half, below tree line, consists of typical northern boreal forest dominated by white spruce at lower elevations and subalpine fir above this. Poplar stands cover portions of drier south-facing slopes.

The climate is typical of northern continental areas, with low to moderate annual precipitation. Summers are mild, with average daily high temperatures of 20°C; however winters are cold with average daily high temperatures of -12°C and occasionally attaining lows of -45°C. Annual precipitation in nearby lowland areas averages about 43 cm per year, with about 60% occurring as rain. Summer temperatures at higher elevations are somewhat lower; precipitation is somewhat higher. The field season at higher elevations extends from early June to late September.

The property size and gentle terrain are sufficient to accommodate mining facilities, potential mill processing sites, heap leach pads, and waste disposal sites. The Village of Iskut (population about 300) provides very basic grocery and fuel services and a limited available work force; limited motel and lodge facilities occur nearby along Highway 37. The Village of Dease Lake (population about 400) located about 80 kilometres to the north along Highway 37 provides somewhat more comprehensive fuel, grocery and hardware services and moderate accommodation services, including a restaurant. Dease Lake has a sizable airport, as well as year-round helicopter facilities, and a limited available workforce. The villages of Iskut and Dease Lake are both serviced by local diesel-electric facilities, although much larger scale electrical facilities are expected to extend to the Village of Bob Quinn about 120 km to the south along the highway. The closest major full-service town is Terrace, British Columbia (2006 population 11,300), located along Highway 16 about 600 road- kilometres to the south



Solitaire Minerals Corp.

Summit Project

Figure 2: Regional Location Map, Summit B (Kitty) Block

NTS 104H13 November 30, 2010

Stewart Basin Exploration

Scale 1:10000000

100000 0 100000 200000 300000

(metres)

*NAD83 / *PCS Albers*

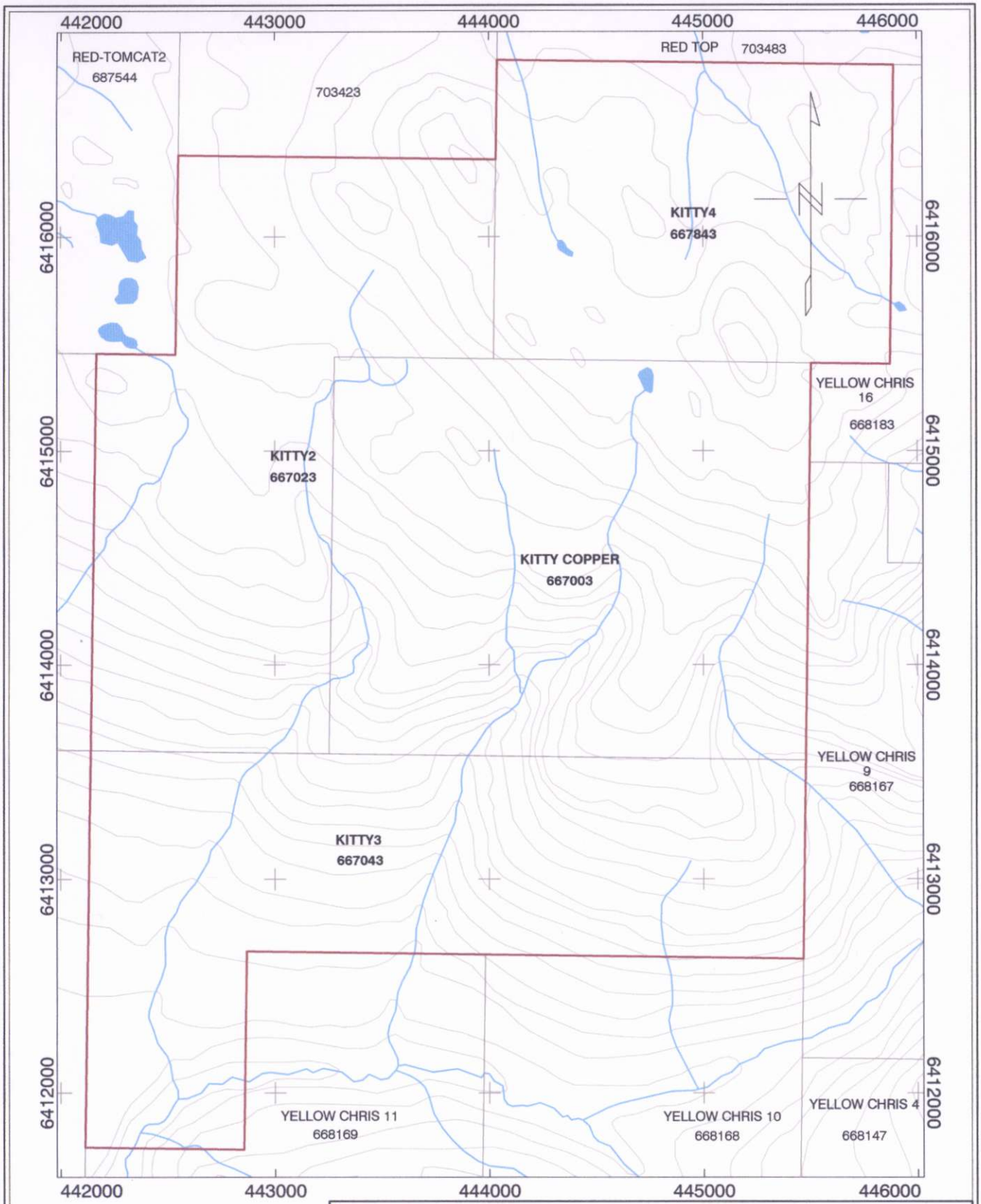
Solitaire Minerals Corp.

Summit Project

Figure 1: Location Map, Summit B (Kitty) Block

NTS 104H13 November 30, 2010

Stewart Basin Exploration



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250 0 250 500

(metres)

NAD27 / UTM zone 9N

Solitaire Minerals Corp.

Summit B (Kitty) Block, Figure 3: Claim Map

NTS: 104H13 November 30, 2010

Stewart Basin Exploration

4.0 History

The Summit properties were acquired as an area play surrounding the Red Chris Deposit located about 20 km southeast of the showings on the Summit B (Kitty) property. The Red Chris and Rok properties, the latter about 9 kilometres south of the present Kitty property, were discovered during an episode of regional exploration for porphyry-style copper deposits across the Stikine.

The area of the present Red Chris deposit was first staked by the Conwest Exploration Co. in 1956, then restaked by the Great Plains Development Co. of Canada in 1969 to 1970. From 1973 through 1980 Texasgulf drilled a total of 118 percussion and diamond drill holes and conducted geological, geochemical and geophysical surveys (B.C. Minfile, 2010).

By 1994 ownership of the Red Chris property was held by Falconbridge (60%), Norcan Energy Resources (20%) and Teck Corporation (20%). Later that year American Bullion Minerals Ltd. acquired an 80% interest, with Teck retaining the remaining 20%. American Bullion drilled a total of 57,247 metres of diamond drilling in 173 holes in 1994 and 1995. By 1998 a pre-feasibility study announced a total resource of 224.5 million tonnes grading 0.419 % copper and 0.330 g/t Au, with a projected mine life of 20.5 years based on a 30,000 tpd mill throughput (B.C. Minfile, 1998, after American Bullion Minerals Ltd, July 7, 1009 News Release).

In October 2002 the Red Chris Development Corp. entered into a joint venture with American Bullion Minerals Ltd. In December 2002 bcMetals acquired the Red Chris Development Corporation and became partial holder of the 80% joint venture interest. In September 2003 bcMetals entered into an option agreement to acquire Teck's interest. bcMetals conducted a further 16,591 metres of diamond drilling in 49 holes in 2003, and 2,850 metres in 2004.

In 2006 the Imperial Metals Corp. completed its takeover of bcMetals, thus acquiring ownership of the Red Chris property. In 2007 Imperial Metals drilled six holes on the Main and East Zones, One of the East Zone holes returned an intercept of 1.01% copper and 1.26 g/t gold over 1,024.1m, showing that the deposit was likely much larger than indicated by previous resource estimates (B.C. Minfile, 2010). Follow-up exploration led to an updated proven and probable reserve estimate released in November 2010 by Imperial Metals of 301,549,000 tonnes grading 0.359% copper (Cu) and 0.274 g/t gold (Au), all contained within the Main and East Zones. This is part of a resource base consisting of a Measured and Indicated Resource of 619.42 M tonnes grading 0.38% Cu and 0.36 g/t Au, with a further Inferred Resource of 619.13 M tonnes grading 0.30% Cu and 0.32 g/t Au (Website, Imperial Metals Corp, Dec, 2010).

Exploration within the present Kitty property boundary began at some point in the 1970s, during which the Great Plains Development Co. of Canada excavated nine bulldozer trenches referred to as the "Main Trench Area"; however no record of work is available. The property was restaked in 1990 by West Pride Industries Corp. which conducted a surface exploration program of geological evaluation and trench sampling (10 samples) and prospecting (7 samples), as well as property-wide silt sampling, obtaining another 16 samples. Results include a value of 8.98% Cu,

24.5 g/t silver (Ag) and 45 ppb Au from a 10-cm chip sample of a high-grade pod of chalcopyrite and malachite (Kidlark, 1991). A float sample of altered phyllite returned a value of 4.950 g/t Au, 3.9 g/t Ag and 0.186% Cu from the westernmost trench; two other samples in the south-eastern trenches returned gold values of 955 and 485 ppb (0.955 and 0.485 g/t) respectively (Kidlark, 1991). Kidlark stated the area had good potential to host a porphyry copper deposit.

The property was optioned to Hyder Gold Inc. in 1991, which added the RAILWAY 1-8 claims and the RAIL 1-7 claims, increasing the property size to 9,000 acres (3,644 Ha). Hyder Gold employed Keewatin Engineering Inc in 1991 to perform traverses involving soil geochemical sampling across the expanded property, as well as establish a small detailed soil grid across the "Main Trench Area". The company concluded that copper occurs within small carbonate vein-hosted occurrences, with low potential for a porphyry deposit.

Of note during the 1991 program is the identification of a strong coincident copper-gold anomaly from detailed soil sampling roughly 80 metres southwest of the trenched area. Two consecutive soil samples spaced 20 metres apart returned 2,556 ppm Cu with 204 ppb Au, and 652 ppm Cu with 46 ppb Au respectively with high arsenic values.

5.0 Geology

5.1 Regional Geology

The Summit B (Kitty) property occurs within a complex assemblage of Devonian to Triassic Stikinia Terrane rocks along the north margin of the sedimentary Middle to Upper Jurassic Bowser Basin and south of the east-west trending district-scale Pitman Fault. This assemblage consists of Devonian to Permian aged Asitka arc volcanic and platform carbonates, including shales and volcanic sandstones, forming the basement of the Stikinia Terrane. This has been intruded by several plutons of Lower Triassic Stikinia hornblende diorite and white to pink hornblende granodiorite. The basement formations are flanked by more extensive units of Stikinia Terrane, Jurassic Hazelton Group volcanic arc complexes consisting of basalt to basaltic andesite, calc-alkaline dacite to latite porphyritic flows, andesite, and rhyolite flows and pyroclastics. The western portion of this assemblage, southwest of the property and continuing to mark the north-western boundary of the Bowser Basin, consists of several large units of Triassic Stuhini group calc-alkaline augite and feldspar porphyritic basalt to basaltic andesite flows (Geological Survey of Canada, 1991).

The Bowser Basin sediments consist of an upper sequence of conglomerate, sandstone, siltstone, shale and marly limestone and a lower basinal flysch sequence of marine shale, siltstone, sandstone, conglomerate, plant fossils and shale (Geological Survey of Canada, 1991). This forms one of the most aerially extensive and homogenous assemblages in British Columbia, extending from about 20 km south of the property south to the Skeena River.

Both the Stikinia assemblage and the Bowser Basin have been intruded by small units of upper Tertiary Miocene to Pliocene Edziza Group alkali basalt and peralkaline trachyte to comendite,

olivine basalt cones, flows and tuyas (Geological Survey of Canada, 1991). Several Edziza Group units occur somewhat south of the property, within Bowser Basin sediments.

5.2 Property Geology

The Kitty property is underlain by an intercalated sequence of Asitka Group Devonian to Permian fine sediments and minor limestone, with basalt and basaltic andesites (Map 1). The sedimentary units consist mostly of fine to medium bedded, medium to fine grained phyllites, locally moderately graphitic, with minor limestone bedding directly east of the stream east of the Main Trench area. The volcanic units consist mainly of basalt to andesite flows with lesser although still abundant intermediate tuff members, locally showing tuff bedding. Northern areas are underlain by a sizable Lower Triassic pluton of equigranular, coarse grained diorite to gabbro, referred to as the "Railway Pluton" by Hyder Gold Inc.

Year-2010 mapping suggests that the Permian stratigraphy, marked by contacts between the volcanic and sedimentary units, extends roughly northwest across the property area. The contacts are likely at least fault-controlled; numerous west-northwest trending lineaments also occur throughout the property. The most prominent lineament extends from the main trenched area to a second copper showing about 1.5 kilometres northwest. Mineralization at both trenched areas is fault-controlled (see Section 6.0: Mineralization). Metamorphism has been assigned to greenstone-facies by Keewatin Engineering Inc, in service to Hyder Gold (Dupre, 1991).

Measurements of moderately developed foliation fall into two main populations: a west-northwest trending set, with strongly variable dip orientations ranging from shallowly north-dipping to shallowly south-dipping and including sub-vertical orientations; and a north-south striking, moderately east-dipping set, prominent in west-central areas. Crenulated cleavage locally observed directly east of the Main Trenched area may represent intersection of these two foliation sets. Bedding orientations within phyllite are typically northwest-striking, dipping moderately to the northeast. In the south-eastern areas, a northwest-striking, moderately southwest-dipping measurement south of northwest striking, northeast-dipping units suggest a possible antiformal fold axis. The hornblende diorite unit covering much of the northern property area is massive and coarse grained and lacks the pervasive foliation.

A small unit of highly porous basalt that occurs as centimetre-scale spheres resembling pumice in rubblecrop may belong to the Miocene to Pliocene Edziza Group olivine basalts. The porosity may have resulted from selective weathering of olivine or another major rock-forming mineral.

6.0 Mineralization

The major area of mineralization on the Kitty property occurs in the "Main Trench Area", which occurs along the south-eastern end of a fault lineament extending at least 1.5 kilometres northwest to a second area of trenching targeting chalcopyrite-bearing quartz-ankerite veins. The property also hosts numerous smaller occurrences of chalcopyrite-bearing ankeritic veining.

6.1 Main Trench Area

The "Main Trench Area" consists of a sequence of nine bulldozer trenches excavated in the 1970s, seven located directly along the mineralized fault trace and two targeting strongly limonitic andesitic tuffs with local gouge directly to the south. The trenches along the fault trace expose patchy fracture-controlled chalcopyrite and trace bornite, with strong local azurite and malachite staining. The best result from chip sampling in 2010 was returned from a 2.0-metre chip sample grading 0.592% Cu, 1.7 g/t Ag and near-background gold values. Samples taken elsewhere returned much lower copper values with near-background precious metal values. This trenched sequence was the primary focus for exploration in the 1970s and in 1990 by West Pride Industries; however sampling in 2010 returned lower and patchier copper values than the 1990 and 1991 sampling.

However, a second mincralized setting was exposed in the westernmost trench and the two southern trenches. Narrow units of strongly scoroditic phyllite and intermediate tuffs are exposed in the southern trenches, where chip sampling returned values to 1.875 g/t Au, 1.4 g/t Ag, >1.0% arsenic (As), 713 ppm (0.071%) Cu and 36 ppm antimony (Sb) across 2.0 metres (Appendix 3a). Adjacent chip sampling returned high copper values, providing a weighted average copper grade of 0.276% across 4.7m; silver and gold values were weakly elevated only. A 2.2-metre chip sample from the other southern trench, about 25 metres north, returned a value of 0.468 g/t Au, 1.7 g/t Ag, 0.471% As, 0.220% Cu and 14 ppb Sb. At the westernmost trench, two select composite grab samples of vein to stockwork-bearing scoroditie phyllite returned values of 17.9 g/t (17,900 ppb) Au with 18.5 g/t Ag, >1.0% As, 0.239% Cu and 256 ppm Sb; and 10.9 g/t Au with 15.2 g/t Ag, >1,0% As, 0.319% Cu and 171 ppm Sb. Sampling by West Pride Industries returned strongly anomalous, although somewhat lower, gold values from the same locations; the 2010 sampling is effectively due-diligence style work, although more comprehensive. Locally abundant gouge indicates the fault-hosted nature of mineralization.

The recognition of scoroditic float led to the establishment of a small detailed soil sampling grid. This revealed moderately elevated copper values coincident with the main trenched sequence (Maps 6, 7). It also revealed a second trend of anomalous gold values, typically associated with anomalous copper and strongly anomalous arsenic values, although antimony values ranged from background to weakly anomalous only. Plotting of soil and rock valnes indicates a trend of coincident anomalous gold-copper values extending at 150° - 330° with a minimum strike extent of 250 metres. This trend likely extends about 250 metres farther north-northwest along strike, to a location returning 37 ppb Au with 236 ppm Cu and 0.108% As (Appendix 3b, Maps 6 and 7). The detailed grid also revealed localized anomalous copper values outside of the two identified trends.

6.2 North-western Occurrence

The north-western occurrence, located along the same lineament as the Main Trenched Area but 1.5 km to the northwest, has also undergone intensive trenching in the 1970s. This occurrence consists of phyllite, locally sheared and with chalcopyrite to bornite-bearing ankeritie veining to

stockwork development. A composite grab sample of trench "push" from this area returned 0.766% Cu. A proximal chip sample of outcrop along the trench wall returned a value of 0.271% copper with low to background precious metal and pathfinder values; a second 2.0-metre chip sample returned background metal and pathfinder values. The geochemical signature is similar to that of gold-poor chalcopyrite-bornite mineralization exposed in the main trenched sequence, rather than the adjacent trend of auriferous copper-arsenic mineralization.

6.3 Other Mineralized Occurrences

Prospecting and geological mapping along the stream just east of the Main Trenched Area revealed several small occurrences of strongly pyritic +/- chalcopyrite mineralization. The most notable metal values were returned from a 1.2-metre chip sample of locally semi-massive pyrite with chalcopyrite veining in outcrop, with values of 0.187 g/t Au, 1.7 g/t Ag, 710 ppm As, 0.32% Cu and 6 ppb Sb. The geochemical signature is similar to that of the auriferous arsenical trend, although copper values are higher, rather than the gold-poor trend exposed in the main sequence.

Two composite grab talus float samples of andesitic tuff with fracture-controlled chalcopyrite located along the eastern canyon wall roughly 150 metres downstream to the south returned values of 1.505% Cu with 5.3 g/t Ag, and 0.975% Cu with 4.3 g/t Ag respectively. At a separate location about 150 metres upstream of the 1.2-metre chip sample, a composite grab sample of intermediate tuff with abundant chalcopyrite +/- bornite veining returned 0.843% Cu with 4.0 g/t Ag, 18 ppm Sb and low Au and As values. No other similar boulders or outcrop sources were located.

A small occurrence of shear-controlled limonitic mineralization in a narrow limestone unit in phyllite was located roughly 50 metres east of the 1.2-metre chip sample. A 0.6-metre chip sample of this returned 3.03 g/t Au with 1.0 g/t Ag, 0.786% As, 895 ppm Cu and 22 ppm Sb; this geochemical signature is similar to that of the auriferous arsenical trend.

Mapping and prospecting revealed several other occurrences of chalcopyrite-bearing ankeritic veining, commonly along northwest-trending lineaments. Although copper values from composite grab sampling are typically high, to 0.459%, pathfinder and precious metal values are low.

Silt sampling along the stream directly east of the Main Trench area returned low to background gold and silver values, and moderately elevated copper values. The single exception was taken from a "soil bank" at the upstream limit of sampling; this returned a value of 734 ppm Cu, 1.8 g/t Ag, 365 ppm As, 2.27% manganese (Mn) and background Au. Although this may more accurately represent a soil value, the high copper and manganese values warrant further inspection.

7.0 Work Program

The 2010 program consisted of four days of helicopter-supported surface exploration, consisting of reconnaissance-style soil geochemical sampling at a 100-metre station spacing and geological mapping. A further half day was allocated to data entry in Dease Lake. The detailed grid was established by GPS and hip-chain, consisting of a base line at a bearlng of 340° and grid lines at 070°, with grid line spacing of 100 metres and station spacing of 25m. The grid, originally covering the Main Trench Area was expanded to cover chalcopyrite mineralization east of the stream directly east of the trenched area. Silt sampling was done along the aforementioned stream at a f00-metre station spacing; several silt samples were taken alonq another stream farther east. Chip sampling was done at several locations along the Main Trench Area", particularly along the auriferous, arsenical trend. A total of 28 rock, 218 soil (6 outside of the property boundary) and 21 silt samples were taken in 2010.

Reconnaissance-style geological mapping was done across the northern half of the property, covering roughly 5 square kilometres.

The following personnel were employed by All-Terrane Mineral Exploration Services in service to Solitaire Minerals Inc:

Carl Schulze, BSc, PGeo:	Project Geologist and Qualified Person
Craig Tervit:	Field technlcian
Michael Linley:	Field Technician

Helicopter services were provided by James Reid and William Oestreich of the Dease Lake branch of Paciflc Western Helicopters. Analytical sampling was done by ALS Chemex in North Vancouver, British Columbia, with preparation facilities in Whitehorse, Yukon.

8.0 Sampling Method and Approach

All geochemical sampling was subject to rigorous parameters, including detailed descriptions of each sample. Rock samples were obtained using an Estwing rock hammer, and located in the field using a non-differential Global Positioning System (GPS) instrument. Samples were placed in plastic bags designed specifically for rock sampling. A tag with the unique sample number, supplied by ALS Chemex Labs, was placed in the bag; the sample number was written on both sides of the bag using "Magic Markers". The sample numbers were also written on soft metal "butter tags"; the tags were attached to the sample locations in the field.

Rock samples were recorded as to location (UTM - NAD 27C), sample type (grab, composite grab, chip, etc), exposure type (outcrop, rubblecrop, float, etc.), formation, lithology, modifier (for textural or structural descriptions), colour, degrees of carbonate presence and silicification, other alteration if applicable, economic mineralization including estimated amounts, date,

sampler and comments (Appendix 3a). Minimum sample weight was 0.5 kg, although samples tend to be larger than this.

Soil samples were taken utilizing a shovel, and recorded as to location (UTM – NAD 27C), horizon, depth, slope angle, colour, presence of permafrost, vegetation type, surficial geology, fragment lithology (if known), percent organics, date, sampler and comments (Appendix 3b). If a particular parameter could not be determined, particularly for fragment lithology, no record was made. Samples were preferably taken of B-horizon material, although sampling of A or C horizon soil was done where B-horizon material was unavailable. This was preferable to omitting the sample. The minimum original sample weight was 0.25 kg. Sample numbers supplied by ALS Chemex Labs were scratched onto a small metal "butter tag" and tied on to the station picket. Samples were placed in kraft bags, with a tag supplied by ALS Chemex showing the unique sample number placed in the bag, and the sample number written in "Magic Marker" on both sides of the bag. The bags were then dried as much as possible before shipping.

Variability in results of soil sampling may be caused by depth of overburden, slope angle, and outcrop exposure, with lower values expected in flat areas with thick overburden. Gold ions are less mobile also; thus samples with high copper-gold ratios may reflect transport distance rather than low bedrock gold values.

Silt samples were taken from several locations at a particular site to improve representability, focusing on fine material. Sample locations in UTM NAD-27C format were recorded in the field using a non-differential GPS and described as to percent fines, colour, stream grade and width, date, sampler and comments. Samples were placed in kraft bags with a sample tag showing unique sample number, labeled and marked in the field in the same manner as soil samples. All samples were taken in order to provide accurate representation of mineralization present.

Field data was entered into Microsoft Excel spreadsheet format, and later matched with analytical results. This process was continually re-checked to ensure correct results are associated with descriptions.

9.0 Sample Preparation, Analysis and Security

All rock samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated "Zap Straps" and sent in a similarly sealed rice bag to a preparatory lab of ALS Chemex based in Whitehorse, Yukon, with pulps then sent for analysis to the ALS Chemex facility in North Vancouver, B.C., an analytical laboratory with ISO 9001:2000 certification. Sealed rice bags were personally handed to the Whitehorse facility by the qualified person. All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 75-micron size; then a 50-gram sample of this underwent fire assay analysis with atomic absorption finish. This technique provides gold analysis ranging from 0.005 to 9.995 g/t gold. "Overlimits" were analyzed by gravimetric techniques.

Soil samples were screened to 180-micron size (minus-80 mesh); the fine fraction then underwent gold analysis by 30-gram fire assay with ICP – AES finish, providing a detection limit of 0.005 g/t. Individual samples were placed in "kraft bags" and also sealed with a "Zap Strap"; samples were placed in properly labeled rice bags, also sealed with a "Zap Strap", and delivered to ALS Chemex in the same manner as rock samples.

All samples were also analyzed by 35-element ICP to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W and Zn.

ALS Chemex provides comprehensive in-house quality-control, using numerous blanks to test for any potential contamination, confirming that no detectable contamination has occurred. ALS Chemex also conducts repeated in-house standard sampling for all 35 elements involved in ICP analysis and gold to determine accuracy of analysis. The lab also incorporates more limited analysis of standard samples with known element concentrations provided by several outside firms.

10.0 Discussion

The 2010 program acted partly as a due-diligence exercise on previously reported high grade copper mineralization along much of the "Main Trench area". Inspection of mineralization and rock chip sampling confirmed the presence of patchy fracture-controlled chalcopyrite with minor bornite along the extent of the trenching; however the copper values returned were lower than those reported in the 1990 program by West Pride Industries. The zone occurs along a northwest-trending lineament, likely a fault zone, interpreted to extend to the "North-western Occurrence" 1.5 km to the northwest. In the Main Trench Area this has a strike of about 330°. Although patchy high copper values were returned at both occurrences, the lack of significant precious metal values limits the economic potential of this trend.

The sub-parallel zone of auriferous arsenical mineralization exposed in the southern trenches and the westernmost trench was identified and sampled during both the 1990 and 1991 programs. However, identification of strongly scoroditic alteration in the latter trench in 2010 led to specific composite grab sampling, returning high gold values to 17.9 g/t. Similar material identified in the south-eastern trenches led to chip sampling, returning lower although still strongly anomalous gold values, associated with strongly anomalous copper values. The pathfinder element signature, with very strong arsenic and strongly elevated antimony values, is distinct from the chalcopyrite-enriched trend just to the north which hosts near-background gold and low arsenic and antimony values. The auriferous trend is also marked by abundant strongly limonitic gouge zones, indicating a fault-controlled setting. The actual arsenical zones are narrow (less than 1.0m) although they are flanked by limonitic wallrock. Although anomalous copper values were returned from rock sampling, the fabric of mineralization, occurring as pervasive to stockwork controlled partially oxidized sulphides, is distinct from the fracture-controlled mineralization directly to the north. The two trends resulted from distinct phases of the overall property-scale mineralizing event.

Detailed soil sampling revealed a 250-metre trend of anomalous copper-gold values extending at about 330° from the sampled trenches, coincident with the auriferous arsenical trend. This likely extends a further 250m to the western portion of the detailed grid and is open in both directions. The zone is slightly oblique to the northern gold-poor copper trend, diverging slightly southwards and more closely paralleling the northwest trending property-wide lineation.

Rock sampling elsewhere reveals two populations represented by each of the two aforementioned trends, with some degree of continuum between them. The two occurrences east of the Main Trench area, one of semi-massive pyrite with chalcopyrite and the other of mineralized limestone, belong to the gold-rich population. The gold-poor population consists of chalcopyrite-bearing ankeritic veining occurring as small exposures, commonly along northwest-trending lineaments, throughout the property. Although economic potential is limited, some potential remains if mineralization consistently occurs along a lineament with significant strike length. Economic potential of the auriferous trend is higher; although narrow, this trend likely occurs along a minimum strike length of 500 metres, and may be related to the two occurrences somewhat to the east.

The very strong gold-copper-arsenic anomaly revealed from 1991 soil sampling was not identified on surface in 2010; however it warrants surface "ground-truthing". The soil geochemical signature is very similar to that of the auriferous arsenical trend, although metal values are considerably higher. It likely represents a separate occurrence of such mineralization.

The 2010 program did not identify actually porphyry-style mineralization. The showings are likely too far from the Red Chris deposit to represent outlying bonanza-style or epithermal zones typically surrounding such deposits. Such zones do not tend to be strongly enriched in copper. The Kitty Property showings likely represent a separate mineralizing system consisting of an earlier pulse of auriferous arsenical veining followed by a later event of copper sulphide emplacement.

11.0 Conclusions

The following conclusions may be made at the Summit B (Kitty) property from the 2010 program:

- Two separate mineralized trends, representing two distinct geochemical populations, occur, diverging northwestward from the "Main Trench Area". The northern trend, the main target of past exploration, consists of gold and pathfinder-element poor copper sulphide mineralization; the southern consists of auriferous arsenical mineralization enriched in copper, antimony and weakly to moderately elevated silver.

- Economic potential in the southern auriferous trend is the higher of the two. The zone is likely at least 500m long, and contains some high grade gold values to 17.6 g/t. However, this setting was not the prime focus of past exploration.

- The northern trend is currently interpreted to occur along a common northwest trending lineament with another trenched copper occurrence 1.5 km to the northwest. The entire extent of the lineament warrants some further exploration.

- Two occurrences east of the Main Trenched Area belong to the auriferous population, although the host settings of phyllite and limestoue are distinct.

- Numerous small occurrences of gold-poor chalcopyrite-bearing ankerite veins throughout the property belong to the gold-poor population and have low economic potential. This potential is enhanced slightly if an occurrence is located along a structural lineament.

- The two populations likely represent temporally distinct pulses of the mineralizing event on the Kitty property. Although no age dating or fluid inclusion studies are known, the auriferous zone may be the earlier of the two, due to the mesothermal nature of mineralization.

- Mineralization likely represents a separate mineralizing system from that of the Red Chris Deposit. This is due to considerable distance from the core area, and the lack of features representing bonanza or epithermal occurrences typically located outbound from core areas of porphyry systems.

12.0 Recommendations

12.1 Recommendations

A two-phased program is recommended for the Summit B (Kitty) property in 2011. Phase 1 is recommended to consist of a two to three-week program of surface exploration focusing primarily on the westward extension of the two major trends, as well as areas directly east of the creek in turn east of the "Main Trench Area". This phase is recommended to consist of westward extension of the present soil grid, at a 100-metre line spacing and 25-metre station spacing. Coverage should extend at least 1.0 kilometre to the north (to L110+00N); grid lines should be extended to cover areas at least 200 metres beyond the projected traces of each of the two trends. Sampling should extend southward also, to L88+00N, to cover the steep stream canyon as much as possible. Detailed geological mapping is recommended for the entire grid, including "ground-truthing" of the 1991 copper-gold anomaly identified by Keewatin Engineering Inc in service to Hyder Gold Inc. Small-scale trenching utilizing "Kubota"-style equipment is recommended to occur at BL 100+00E, 96+50N, the site of a 2010 gold-in-soil value of 389 ppb with 578 ppm Cu, and the 1991 anomaly identified by Keewatin Engineering.

The Phase 1 program is recommended to be conducted by a three-person crew based from a campsite near the Main Trench Area, with access provided by all-terrain vehicles (ATVs) utilizing the existing trail. The program may commence on or about June 15th, or earlier depending on snow conditions.

The objective of the Phase 1 program is to determine diamond drilling targets, if any, for a late summer, Phase 2 diamond drilling program. This is recommended to consist of no more than 1,000 metres in 7-8 holes, utilizing a single heli-portable drill staged from the nearest point along Highway 37. Helicopter support could be limited to camp set-up; and drill mobilization and de-mob only, provided that the drill could be moved by small, ATV-transportable equipment for all intermediate set-ups. Otherwise, a helicopter could be utilized on call from Dease Lake. The crew is recommended to consist of four drillers, a geologist, two technicians for geotechnical work and sampling, a cook and a camp manager for supplies and logistical planning. The program should commence not later than mid-August.

Projected expenditures for the Phase 1 program, including digitizing and report writing, stand at **CDN$66,727**; with 15% contingency this stands at **$76,736**. Phase 2 expenditures, including report writing, etc, stand at **$423,907**: with 15% contingency this figure stands at **$498,625**.

12.2 Recommended Budget

Phase 1 projected expenditures

Wages and Fees: Project Geologist: 21 days @ $640/day:	$13,440
Senior Technician: 18 days @ $375/day:	$ 6,750
Technician: 18 Days @ $350/day:	$ 6,300
Truck mileage: 1,420 km @ $0.55/km:	$ 781
ATV Rental: 18 days @ 2 x $125/ATV:	$ 4,500
Office supplies:	$ 250
Field supplies:	$ 500
Rock samples: 88 @ $35/sample:	$ 3,080
Soil, silt samples: 660 samples @ $32/sample:	$21,120
Shipping (first half of program): 408 samples @ $2/sample:	$ 816
Accommodations: 6 person-days @ $150/day:	$ 900
Hand held radio, Iridium sat phone rental: 16 days @ $25/day:	$ 400
Camp Rental: 17 days @ $150/day:	$ 2,550
Field total:	**$61,387**
Report writing, data compilation: 6 days @ $640/day:	$ 3,840
Digitization: 30 hours @ $50/hr:	$ 1,500
Sub- Total:	**$66,727**
15% contingency:	$10.009
Project Total:	**$76,736**

Phase 2 projected expenses

Wages and Fees, Project Geologist: 41 Days @ $640/day:		$ 26,240
Wages, Camp manager: 37 Days @ $500/day:		$ 18,500
Wages, Technician 1: 37 Days @ $375/day:		$ 13,875
Wages, Technician 2: 37 Days @ $375/day:		$ 13,875
Wages, Cook: 37 Days @ $468.75/day:		$ 17,344
Drilling: 1,000m @ $150/m, all-in:		$150,000
Hourly Charges: Ave of 10 hrs/day @ $50/hr:		$ 10,500
Mobilization/ Demob (excluding helicopter):		$ 8,000
Helicopter Support: 36 hours @ $1,200/hr, incl. fuel:		$ 43,200
Pad preparation supplies:		$ 4,000
Drill survey instrument rental:		$ 2,000
Core sampling: 660 samples @ 35/sample:		$ 23,100
Metallic Screen Fire Analysis: 40 samples @ $80/sample:		$ 3,200
Shipping: 660 samples @ $3/sample:		$ 1,980
Standards:		$ 500
Groceries: 258 person-days @ $50day:		$ 12,900
Accommodations: 14 person-days @ $150/day:		$ 2,100
Expediting:		$ 3,500
Fuel (except Jet B):		$ 22,500
Propane:		$ 3,000
Truck mileage: 4,260 km @ $0.55/km:		$ 2,343
ATV Rental: 35 days @ ($2 x 125):		$ 8,750
Gear purchasing:		$ 6,000
Gear Rental: 35 Days @ $400/day:		$ 14,000
Electrical wiring of camp:		$ 2,500
Satellite dish rental:		$ 2,000
Travel expenses:		$ 1,200
Camp offiee supplies:		$ 800
Supplies, including expendables:		$ 2,000
Core boxes: 250 boxes @ $15/box:		$ 4,000
	Field Total:	**$423,907**
Data Compilation, Report writing: 12 days @ $640/day:		$ 7,680
Digitizing: 40 hours @ $50/hr:		$ 2,000
	Sub-Total:	**$433,587**
	15% Contingency:	$ 65,038
	Project Total:	**$498,625**

13.0 References

B.C. Minfile, 2010: MINFILE Mineral Inventory, Ministry of Energy, Mines and Petroleum Resources, Government of British Columbia

DuPre, D.G. 1991: "Geochemical Report on the Railway-Zetu Property, Liard Mining Division"; Assessment report #21,760 by Keewatin Engineering Inc. for Hyder Gold Inc. Filed with Ministry of Energy, Government of British Columbia.

Imperial Metals Corp, 2010: Website, updated 2010

Kidlark, R.G. 1991: "Geological and Geochemical Report on the Zetu Creek Property, Liard Mining Division, B.C."; Assessment report #21,416 by Reliance Geological Services Inc. for West Pride Industries Corp. Filed with Ministry of Energy, Government of British Columbia.

Solitaire Minerals Inc, 2009: News Release dated Nov 18, 2009. Available on "SEDAR" website, 2010

Wheeler, J.D. and McFeely, P. 1991: Tectonic Assemblage Map of the Canadian Cordillera and adjacent parts of the United States of America. Geological Survey of Canada, Map 1712A

Appendix 1. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

1) I am a self-employed Consulting Geologist and sole proprietor of:
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6

2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.

3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).

4) I have worked as a geologist for a total of 26 years since my graduation from Lakehead University.

5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6) I am responsible for preparation of all sections of the technical report titled "Assessment Report on Geological and Geochemical Surveys on the Summit B (Kitty) Property, Summit Lake Project, Solitaire Minerals Inc." on the entire property area comprising the Summit B (Kitty) property. I was active on-site during the entire program of roughly 4 days intermittently from June 13 through 23, 2010.

7) I have not had prior involvement with the properties that are the subject of the Technical Report prior to Oetober, 2009.

8) As of the date of the certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

9) I am independent of the issuers applying all of the tests in section 1.4 of National Instrument 43-101.

10) I have read National Instrument 43-101 and Form 43-101F1, howevet this is an Assessment Report and has not been prepared entirely in compliance with that instrument and form.

11) I consent to the public filing of the Assessment Report with the British Columbia Mining Recorder, Mines Branch, Ministry of Energy, Mines and Petroleum Resources, Government of British Columbia.

12) The effective date of this report is Aug 1, 2010.

Dated this 10th Day of December, 2010

"Carl Schulze"

Carl Schulze, BSc, PGeo
Address: 35 Dawson Rd
Whitehorse, Yukon Y1A 5T6
Telephone: 867-633-4807
Fax: 867-633-4883
E-mail: allterrane@northwestel.net

Appendix 2: Expenditures Filed for Assessment

Claims comprising Summit B block: 667003, 667023, 667043, 667843
Claims Worked On: 667003, 667023, 667843

Type of Work	No. of Units	Value/Unit	Value
Geological Mapping	4.5 days	$640/day	$2,800.00
Soil sampling: Tech 1	4.5 days	$375/day	$1,687.00
Soil sampling: Tech 2	4.5 days	$375/day	$1,687.00
Helicopter Support*	6.6 hrs	$1,058.56	$6,986.56
Truck Mileage	350 km	$0.55/km	$ 192.50
Per Diems	13.5 days	$65/day	$ 877.50
Field supplies			$ 175.00
Rock samples	28 samples	$35/sample	$ 980.00
Soil/silt samples	233 samples	$32/sample	$7,456.00
Accommodation	13.5 days	$84.63/night	$1,142.00
Hand-held Radio rental	4 days	20/day	$ 80.00
Digitizing	24 hrs	$50/hr	$1,200.00
Report writing, data compilation	7.5 days	$640/day	$4,800.00
		Total:	**$30,063.56**

* Price per hour includes fuel

Appendix 3: Sample Descriptions

Appendix 3a: Rock Sample Descriptions
Appendix 3b: Soil Sample Descriptions
Appendix 3c: Silt Sample Descriptions

All-Terrane Mineral Exploration Services

ROCK SAMPLE DESCRIPTION SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

Sample No.	Easting	Northing (UTM)	Sample	Width	Sample	Formation	Lithology	Modifier	Colour	Carb.	Silicification	Alteration	Alt 2	Other	Mineral	Amount	Min 2	Amt (%)	Other	Amt (%)	Date	Sampler	Comments
	NAD 27	NAD 27	Type	(m)	Description					Presence		1			1	(%)			Mineral				
RE005712	442739	6415829	CGr		Rerop		Andesite	Stockwk	Or-white	C2	S3	Ank3		L1	Py	tr					Jun-13	CS	Rerop to talus; fine ankeritic stockwork, siliceous matrix
RE005713	442736	6415828	SCGr		Rerop		Andesite	Vned	Or-tan	C3		Ank3		L3	Py	tr					Jun-13	CS	Rerop to talus; largely ankeritic veining
RE005714	442270	6415391	SCGr		Rerop		Int tuff	Vned	wh-or	C1	S1	Ank2		L3	Py	1	Cpy	<1	As	tr	Jun-13	CS	Dolomite - ankerite vein, frac-controlled Cpy
RE005715	444349	6414850	CGr		Tr push		Phyllite	Stockwk	brown		S1	A2		L3	Seor	mod					Jun-13	CS	Strong limonitic stockwork
RE005716	444348	6414854	SCGr		Tr push		Phyllite	Vned	lt grn		S2		Ph1		Seor	mod					Jun-13	CS	Strong boxwork; very light weight
RE005717	444401	6414684	C	2.0	Trench		Int tuff	Vned	lt grn		S2	A1		L3	Py	5	Cpy	tr	As	<1	Jun-14	CS	Strong pyrite boxwork
RE005718	444399	6414684	C	1.5	Trench		Int tuff	Shear	grs-brn			A2		L2	Py	<1	Mal	<1			Jun-14	CS	Local strong gouge and brecciation
RE005719	444397	6414684	C	1.2	Trench		Int tuff	Breee	buf-tan		S1-2	A1		L3	Py	<1	Mal	<1			Jun-14	CS	Local cm-scale gouge zones
RE005720	444405	6414708	C	2.2	Trench		Phyllite	Vned	buf-tan		S1	A1-2	Hem3	L1	Py	>1	Cpy	<1	Mal	tr	Jun-14	CS	Brecciated; local gouge
RE005721	444623	6414384	SCGr		Talus		Int volc?	Vned	lt brn	C2	S2	Ank2		L2	Cpy	3	Py	<1	Mal	<1	Jun-14	CS	Visual Cpy, fairly abundant float
RE005722	443617	6414414	CGr		Float		Int tuff	frac	buff	C1	S2			L3	Cpy	2	Py	tr			Jun-14	CS	Cpy along fractures; likely proximal float
RE005723	444588	6414521	C	1.4	Ocrop		Phyllite	Vned	Grn-wh	C1	S2-3			L3	Cpy	2	Py	<1	Mal	<1	Jun-14	CS	Fracture and vein-controlled Cpy
RE005724	444563	6414550	C	1.2	Ocrop		Phyllite	Shear	black		S1-2	Grap 2		L2	Py	8	Cpy	tr			Jun-14	CS	Locally massive Py
RE005725	444534	6414683	CGr		Float		Int tuff?	Breee	bf-grv		S3			L3	Cpy	3	Bor		1 As	tr	Jun-14	CS	2 large pieces, red-brown limonite
RE005726	444642	6414935	CGr		Talus		Phyllite	Breee	gr-tan	C1	S2-3	Grap 1	Phy	L1	Py	tr					Jun-14	CS	Locally fine sericite
RE005727	443346	6413844	CGr		Tr push		Phyllite	Stockwk	Or-tan	C3	S1		Ank1	L1	Cpy	1	Bor	tr			Jun-15	CS	Sulphides along ankeritic stockwork
RE005728	443447	6415868	C	2.0	Trench		Phyllite	Shear	Or-tan	C1		Ph3	Ank1	L2	Py	tr					Jun-15	CS	Carb along qz veins; 10% Qz-ank veins
RE005729	443456	6415828	C	2.0	Trench		Phyllite	Stockwk	Or-tan	C2	S1	Ph3	Ank1	L1	Cpy	<1	Py	tr			Jun-15	CS	Rerop and colluvium increases to south
RE005730	443638	6415636	CGr		Rerop		Pumice?	Vesicular	gry												Jun-15	CS	Widespread; more likely vesicular basalt
RE005731	444215	6415176	CGr		Rerop		Phyllite	Vned	or	C3	S1		Ank2	L2	Cpy	1	py	tr			Jun-15	CS	Cpy in calcite; strong ankerite veining
RE005732	444339	6414999	CGr		Rerop		Phyllite	frac	Or-white	C2	S2		Ank2	L1	Cpy	tr	py	tr			Jun-15	CS	Locally intensely silicified
RE005733	444328	6414832	CGr		Rerop		Phyllite	Breee	tan		S1	A2	Ph1	L2							Jun-15	CS	Late brecciation
RE006405	444664	6414682	CGr		Rerop		Int tuff?	Vned	orange	C1	S1	Ank3		L1	Cpy	<1	Py	tr	Mal	tr	Jun-23	CS	Typical float of exposure
RE006406	444612	6414693	C	1.7	Ocrop		Int flow	Vned	br-or	C2		Ank1	Ph2	L1					Mal	tr	Jun-23	CS	10-15% Qz-ank veining
RE006407	444616	6414553	C	0.7	Ocrop		Ls tone	Shear	rd-tan	C1	S3	Ank1		L3	Cpy	tr					Jun-23	CS	Limestone bed in phyllite, dark red limonite
RE006408	445237	6414482	CGr		Float		Phyllite	Vned	gr-tan	C1	S3	Ank1		L1	Py	tr					Jun-23	CS	2 pieces; nil with cross-cutting nkerite
RE006409	445202	6414688	CGr		Rerop		Maf vol	frac	green		S1-2	Ch2	Hem2	L3	Py	4	Cpy	tr	Bor	tr	Jun-23	CS	Dissem and frac-controlled pyrite
RE006410	444441	6414768	C	2.0	Ocrop		Phyllite	frac	gr-tan	C1	S1	Ph1		L1	Cpy	>1	Bor	tr	Mal	>1	Jun-23	CS	Trench; Azurite and malachite; frac-controlled sulphides

All-Terrane Mineral Exploration Services

ROCK SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
RE005712	0.007		<0.2	0.32	6	<10	60	<0.5	<2	11.1	<0.5	17	30	1	5.08	<10	<1	0.05	<10	0.94	1090	<1
RE005713	<0.005		0.2	0.12	6	<10	240	<0.5	<2	22.5	<0.5	24	12	<1	10.7	<10	1	0.01	<10	2.01	2330	<1
RE005714	0.007		0.7	0.18	1020	<10	180	<0.5	<2	17.8	<0.5	220	1	694	8.42	<10	1	0.02	10	6.43	3720	<1
RE005715	>10.0	17.9	18.5	0.08	>10000	<10	10	<0.5	22	0.14	<0.5	8	1	2390	16.4	<10	<1	<0.01	<10	0.02	35	<1
RE005716	>10.0	10.9	15.2	0.25	>10000	<10	70	<0.5	15	0.21	<0.5	123	<1	3190	24.9	10	<1	0.03	<10	0.03	299	1
RE005717	1.875		1.4	0.44	>10000	<10	50	<0.5	2	0.06	<0.5	92	11	713	14.7	<10	1	0.1	10	0.07	1485	<1
RE005718	0.05		1.1	0.79	1380	<10	80	<0.5	<2	0.23	<0.5	23	3	2800	4.93	<10	<1	0.18	20	0.18	1095	<1
RE005719	0.073		2.2	0.96	2640	<10	60	<0.5	9	0.19	<0.5	24	4	6140	6.18	<10	1	0.11	20	0.29	1100	<1
RE005720	0.468		1.7	0.57	4710	<10	30	<0.5	2	0.18	<0.5	58	15	2200	12.1	<10	1	0.06	<10	0.31	2350	1
RE005721	0.017		5.3	0.39	79	<10	50	<0.5	2	7.8	<0.5	15	5	>10000	6.15	<10	1	0.14	10	1.94	1690	<1
RE005722	0.041		4.3	0.15	220	<10	30	<0.5	<2	4.8	<0.5	52	16	>10000	5.19	<10	<1	0.01	10	0.82	1535	1
RE005723	0.027		1.9	0.16	231	<10	20	<0.5	<2	1.44	<0.5	32	7	4270	3.98	<10	<1	0.04	10	0.26	572	1
RE005724	0.187		1.7	0.21	710	<10	30	<0.5	<2	1.76	<0.5	51	21	3200	9.58	<10	<1	0.06	<10	0.49	610	1
RE005725	0.016		4.0	0.07	107	<10	20	<0.5	<2	0.56	<0.5	37	7	8430	15.7	<10	1	0.03	<10	1.26	3860	<1
RE005726	0.005		<0.2	0.34	30	<10	50	<0.5	<2	3.76	<0.5	2	29	41	3.02	<10	1	0.12	10	0.39	1200	<1
RE005727	0.008		0.5	0.46	17	<10	40	<0.5	<2	4.54	<0.5	131	16	7660	3.1	<10	<1	0.24	10	1.59	855	<1
RE005728	0.009		<0.2	1.76	21	<10	200	<0.5	<2	3.13	<0.5	23	20	87	6.7	10	1	0.22	10	0.59	777	1
RE005729	0.006		0.2	0.67	7	<10	70	<0.5	<2	5.65	<0.5	42	8	2710	3.55	<10	<1	0.28	<10	0.46	1230	<1
RE005730	<0.005		<0.2	4.36	11	<10	180	1	<2	2.76	<0.5	40	120	56	7.68	10	1	0.53	20	4.4	1115	1
RE005731	0.005		1.2	0.1	8	<10	30	<0.5	<2	17.8	<0.5	7	1	4590	10.7	<10	1	0.05	<10	4.98	4490	<1
RE005732	<0.005		<0.2	0.37	14	<10	50	<0.5	<2	5.33	<0.5	16	9	19	4.17	<10	<1	0.16	20	1.05	1740	<1
RE005733	0.007		0.3	0.77	5450	<10	50	<0.5	<2	0.13	<0.5	70	4	4100	12	10	<1	0.13	30	0.13	659	10
E006405	0.025		0.9	0.37	29	<10	60	<0.5	<2	5.63	<0.5	20	3	3470	5.35	<10	<1	0.12	10	0.46	1870	<1
E006406	0.005		<0.2	1.08	5	<10	60	<0.5	<2	5.33	<0.5	11	19	58	4.57	<10	<1	0.18	10	1.79	1425	<1
E006407	3.03		1.0	0.54	7680	<10	210	<0.5	<2	6.86	<0.5	211	1	895	11	<10	<1	0.15	10	0.85	2620	2
E006408	0.005		<0.2	0.19	19	<10	20	<0.5	<2	3.78	<0.5	10	4	5	2.05	<10	<1	0.02	<10	1.17	583	<1
E006409	0.035		<0.2	2.02	80	<10	20	<0.5	<2	0.2	<0.5	39	23	122	6.55	10	<1	0.03	<10	1.72	189	3
E006410	0.012		1.7	0.29	181	<10	10	<0.5	<2	1.89	<0.5	15	3	5920	3.03	<10	<1	0.02	30	0.07	1165	1

All-Terrane Mineral Exploration Services

ROCK SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
SAMPLE	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu	
DESCRIPT	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RE005712	0.07	22	640	<2	0.08	2	25	39	<20	<0.01	<10	<10	66	<10	7		
RE005713	0.02	35	90	4	<0.01	2	66	75	<20	<0.01	<10	<10	86	<10	12		
RE005714	0.04	493	90	7	1.3	12	5	101	<20	<0.01	<10	<10	27	<10	10		
RE005715	0.02	3	90	34	0.27	256	1	11	<20	<0.01	<10	<10	3	<10	<2		
RE005716	0.02	2	290	39	0.83	171	3	32	<20	<0.01	<10	<10	14	<10	6		
RE005717	0.03	1	510	11	0.59	36	7	10	<20	<0.01	<10	<10	19	<10	6		
RE005718	0.06	7	1140	4	0.12	2	9	11	<20	<0.01	<10	<10	41	<10	13		
RE005719	0.07	7	1230	4	0.12	5	11	9	<20	<0.01	<10	<10	47	<10	20		
RE005720	0.06	11	460	7	1.4	14	12	12	<20	<0.01	<10	<10	53	<10	14		
RE005721	0.04	35	480	3	1.59	4	10	80	<20	<0.01	<10	<10	23	<10	15	1.505	
RE005722	0.07	49	500	6	1.59	6	14	76	<20	<0.01	<10	<10	52	<10	19	0.975	
RE005723	0.04	85	350	21	1.63	4	5	33	<20	<0.01	<10	<10	24	<10	14		
RE005724	0.06	18	510	23	9.4	6	8	32	<20	<0.01	<10	<10	23	<10	14		
RE005725	0.02	46	60	25	1.77	18	4	12	<20	<0.01	<10	<10	22	<10	36		
RE005726	0.03	2	300	2	0.13	<2	2	45	<20	<0.01	<10	<10	12	<10	4		
RE005727	0.06	63	840	2	1.11	2	18	43	<20	<0.01	<10	<10	42	<10	<2		
RE005728	0.04	22	2890	4	0.39	2	8	39	<20	0.01	<10	<10	49	<10	29		
RE005729	0.05	26	780	3	0.27	<2	16	36	<20	<0.01	<10	<10	46	<10	3		
RE005730	1.18	200	1430	3	0.05	<2	15	289	<20	0.95	<10	<10	133	<10	87		
RE005731	0.03	24	70	7	0.6	<2	2	161	<20	0.01	<10	<10	32	<10	8		
RE005732	0.07	10	1380	2	0.18	<2	16	63	<20	<0.01	<10	<10	40	<10	3		
RE005733	0.05	4	1400	3	0.05	6	6	21	<20	<0.01	<10	<10	61	<10	13		
E006405	0.07	9	730	<2	0.88	<2	11	38	<20	<0.01	<10	<10	36	<10	9		
E006406	0.05	7	710	<2	0.12	<2	7	63	<20	<0.01	<10	<10	43	<10	17		
E006407	0.06	19	580	10	0.22	22	20	111	<20	<0.01	<10	<10	39	<10	6		
E006408	0.12	2	660	<2	0.05	<2	12	22	<20	<0.01	<10	<10	26	<10	<2		
E006409	0.08	13	1240	<2	1.87	<2	12	6	<20	0.01	<10	<10	137	<10	18		
E006410	0.15	6	1270	<2	0.32	<2	8	21	<20	<0.01	<10	<10	25	<10	21		

All-Terrane Mineral Exploration Services

SOIL SAMPLE DESCRIPTION SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

Sample No.	Easting	Northing	Traverse	Horizon	Depth	Slope	Colour	Permafrost	% Coarse	Vegetation	Surficial	Fragment	%	Date	Sampler	Comments
	NAD 27	NAD 27	(Station)		(cm)	Angle		(yes/no?)	Fragments		Geology	Lithology	Organics			
SE004798	442907	6415257		B	20	gentle	brown	No	10	alpine			10	13-Jun	Craig	
SE004799	442907	6415159		B	15	gentle	brown	No	20	alpine			10	13-Jun	Craig	
SE004800	442925	6415061		B	25	gentle	brown	No	25	alpine			10	13-Jun	Craig	
SE004801	443030	6415042		B	20	gentle	brown	No	20	alpine			10	13-Jun	Craig	
SE004802	442996	6414953		B	25	gentle	brown	No	25	alpine			10	13-Jun	Craig	
SE004803	442869	6414915		B	20	gentle	brown	No	30	alpine			5	13-Jun	Craig	
SE004804	442822	6414822		B	25	gentle	brown	No	10	alpine			5	13-Jun	Craig	
SE004805	442850	6414724		B	20	gentle	brown	No	45	alpine			5	13-Jun	Craig	
SE004806	442912	6414638		B	30	gentle	brown	No	30	alpine			15	13-Jun	Craig	
SE004807	442965	6414555		B	20	gentle	brown	No	45	alpine			10	13-Jun	Craig	
SE004808	443014	6414459		B	25	gentle	brown	No	40	alpine			20	13-Jun	Craig	
SE004809	443041	6414365		B	20	moderate	brown	No	30	alpine			10	13-Jun	Craig	
SE004810	443113	6414303		B	25	steep	tan	No	25	alpine			15	13-Jun	Craig	
SE004811	443217	6414280		B	20	moderate	brown	No	20	alpine			10	13-Jun	Craig	
SE004812	443311	6414280		B	20	steep	tan	No	25	alpine			15	13-Jun	Craig	
SE004813	443414	6414287		B	25	steep	brown	No	30	alpine			15	13-Jun	Craig	
SE004814	443445	6414170		B	25	steep	brown	No	25	mix			10	13-Jun	Craig	
SE004815	443542	6414143		B	25	steep	tan	No	15	boreal			15	13-Jun	Craig	
SE004816	443642	6414106		B	30	moderate	brown	No	20	boreal			10	13-Jun	Craig	
SE004817	443749	6414097		B	20	moderate	brown	No	15	alpine			10	13-Jun	Craig	
SE004818	443848	6414104		B	20	steep	brown	No	20	alpine			10	13-Jun	Craig	
SE004819	443945	6414080		B	15	moderate	orange/brown	No	15	alpine			10	13-Jun	Craig	
SE004820	444027	6414115		B	20	steep	orange/brown	No	20	alpine			10	13-Jun	Craig	
SE004821	444121	6414071		B	25	steep	brown	No	35	mix			10	13-Jun	Craig	
SE004822	444213	6414100		B	20	very steep	tan	No	20	mix			10	13-Jun	Craig	
SE004823	444441	6414474	BL10000E/9200N	B	20	moderate	brown	No	10	mix			10	14-Jun	Craig	
SE004824	444434	6414502	9225N	B	35	moderate	brown	No	20	alpine			5	14-Jun	Craig	
SE004825	444428	6414530	9250N	B	25	moderate	light brown	No	20	alpine			5	14-Jun	Craig	
SE004826	444421	6414558	9275N	B	30	gentle	brown	No	25	alpine			5	14-Jun	Craig	
SE004827	444415	6414587	9300N	B	25	gentle	orange/brown	No	20	alpine			5	14-Jun	Craig	
SE004827	444407	6414609	9325N	B	30	gentle	orange/brown	No	30	alpine			5	14-Jun	Craig	
SE004828	444398	6414632	9350N	B	20	gentle	orange/brown	No	45	alpine			5	14-Jun	Craig	
SE004829	444390	6414655	9375N	B	25	moderate	brown	No	40	alpine			5	14-Jun	Craig	
SE004830	444381	6414677	9400N	B	20	gentle	orange/brown	No	50	alpine			5	14-Jun	Craig	
SE004831	444349	6415310	L100000N/10200E	B	25	gentle	brown	No	30	alpine			5	14-Jun	Craig	
SE004832	444329	6415297	10175E	B	20	moderate	brown	No	20	alpine			5	14-Jun	Craig	
SE004833	444309	6415285	10150E	B	20	steep	brown	No	25	alpine			5	14-Jun	Craig	
SE004834	444289	6415272	10125E	B	25	steep	brown	No	20	alpine			10	14-Jun	Craig	
SE004835	444269	6415259	10100E	B	25	steep	brown	No	20	alpine			5	14-Jun	Craig	
SE004836	444245	6415254	10075E	B	25	steep	orange/brown	No	30	alpine			5	14-Jun	Craig	
SE004837	444220	6415248	10050E	B	25	gentle	brown	No	25	alpine			5	14-Jun	Craig	
SE004838	444196	6415242	10025E	B	35	moderate	brown	No	20	alpine			5	14-Jun	Craig	
SE004839	444171	6415236	10000E	B	30	gentle	tan	No	30	alpine			5	14-Jun	Craig	
SE004840	444396	6415207	9900N/10000E	B	30	moderate	brown	No	25	alpine			5	14-Jun	Craig	
SE004841	444373	6415200	10175E	B	25	moderate	brown	No	40	alpine			5	14-Jun	Craig	
SE004842	444350	6415193	10150E	B	30	steep	brown	No	30	alpine			5	14-Jun	Craig	
SE004843	444327	6415186	10125E	B	25	moderate	red/brown	No	20	alpine			5	14-Jun	Craig	
SE004844	444304	6415179	10100E	B	20	gentle	light brown	No	30	alpine			5	14-Jun	Craig	
SE004845	444541	6414728	9400N/10175E	B	20	very steep	brown	No	35	alpine			5	15-Jun	Craig	
SE004846	444518	6414719	10150E	B	25	steep	brown	No	20	alpine			10	15-Jun	Craig	

All-Terrane Mineral Exploration Services

SOIL SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
SE004798	<0.005	0.3	3.43	8	<10	90	1.7	<2	0.21	<0.5	12	40	36	4.87	20	1	0.05	20	0.75	922	2
SE004799	<0.005	0.3	3.95	7	<10	60	1.9	<2	0.15	<0.5	9	34	27	4.91	20	1	0.05	20	0.62	823	3
SE004800	<0.005	0.3	2.9	10	<10	200	1.1	<2	0.58	<0.5	17	55	55	4.63	10	<1	0.05	20	0.91	815	2
SE004801	<0.005	0.2	2.18	9	<10	70	0.8	<2	0.08	<0.5	7	34	22	4.34	20	<1	0.04	10	0.47	528	3
SE004802	<0.005	0.2	3.86	8	<10	120	2.9	<2	0.18	<0.5	13	36	22	4.97	20	<1	0.06	30	0.62	838	2
SE004803	0.025	0.2	2.15	8	<10	110	0.7	<2	0.08	<0.5	15	41	29	4.91	20	1	0.05	10	0.45	1520	3
SE004804	<0.005	0.3	1.64	3	<10	50	1.3	<2	0.39	<0.5	27	49	25	5.73	10	<1	0.07	20	2.38	990	1
SE004805	<0.005	0.4	3.51	38	<10	150	1	<2	0.31	0.5	28	56	61	5.08	10	<1	0.07	10	1.31	1480	2
SE004806	<0.005	0.3	3.15	20	<10	170	1.4	<2	0.28	0.6	15	42	34	5.12	20	<1	0.05	20	0.69	1150	3
SE004807	<0.005	0.5	2.29	5	<10	110	0.6	<2	0.07	0.5	14	41	42	5.1	20	<1	0.04	10	0.2	1955	3
SE004808	<0.005	0.4	2.33	12	<10	80	1	<2	0.05	0.5	8	33	32	4.49	20	<1	0.06	20	0.31	1200	3
SE004809	<0.005	0.2	2.61	12	<10	120	0.7	<2	0.19	0.7	18	36	40	4.01	10	1	0.05	10	0.42	1435	1
SE004810	<0.005	0.5	2.43	18	<10	570	0.9	<2	0.73	0.8	29	41	65	4.84	10	<1	0.08	10	0.73	2570	1
SE004811	<0.005	0.4	1.99	11	<10	430	0.8	<2	0.23	0.7	17	40	39	4.86	10	<1	0.07	10	0.48	2150	2
SE004812	<0.005	0.2	1.49	10	<10	160	0.7	<2	0.62	0.8	23	34	30	4.39	10	<1	0.1	10	0.5	2290	2
SE004813	0.007	0.3	1.98	18	<10	290	0.8	<2	1.08	<0.5	21	35	70	5.48	10	<1	0.09	10	0.75	1890	1
SE004814	<0.005	0.3	1.77	14	<10	230	0.6	<2	0.49	<0.5	21	35	42	5.16	10	<1	0.08	10	0.61	2080	2
SE004815	<0.005	0.2	2.15	14	<10	100	0.7	<2	0.11	<0.5	12	38	29	5.24	10	<1	0.06	10	0.8	899	2
SE004816	<0.005	0.3	2.39	15	<10	80	0.6	<2	0.13	<0.5	11	43	31	4.93	10	<1	0.06	10	1.02	664	2
SE004817	<0.005	0.3	2.25	16	<10	220	1	<2	0.16	<0.5	11	40	30	5.11	10	<1	0.07	10	0.62	1070	1
SE004818	<0.005	0.5	1.95	12	<10	340	0.9	<2	0.52	0.9	15	41	44	4.85	10	<1	0.07	10	0.57	1710	1
SE004819	<0.005	0.2	1.61	11	<10	180	0.5	<2	0.05	<0.5	9	34	24	4.75	10	<1	0.06	10	0.36	761	2
SE004820	<0.005	<0.2	2.46	19	<10	160	0.7	2	0.26	<0.5	15	44	53	5.34	10	1	0.07	10	0.91	579	1
SE004821	<0.005	<0.2	1.94	46	<10	280	1.3	<2	1.86	<0.5	35	12	184	4.78	10	<1	0.13	40	0.77	1730	2
SE004822	<0.005	0.4	2.15	45	<10	260	1	<2	0.68	<0.5	34	32	127	5.21	10	1	0.1	20	0.72	2190	2
SE004823	<0.005	0.4	1.99	14	<10	170	0.5	<2	0.05	0.8	13	29	39	4.46	10	<1	0.04	10	0.51	1025	2
SE004824	<0.005	0.3	3.44	16	<10	150	0.8	<2	0.3	<0.5	21	37	50	5.69	10	<1	0.04	20	1.18	763	1
SE004825	0.005	0.4	3.12	17	<10	140	0.7	2	0.13	<0.5	19	36	76	5.96	10	1	0.04	20	1.29	663	1
SE004826	<0.005	0.4	2.64	11	<10	90	1.1	<2	0.14	0.6	15	41	54	6.06	20	<1	0.05	20	0.77	964	2
SE004827	0.005	0.7	2.69	16	<10	110	0.6	<2	0.06	0.5	13	38	56	5.96	10	1	0.05	10	0.67	726	3
SE004828	<0.005	0.4	2.53	12	<10	70	1.7	<2	0.1	<0.5	9	23	24	5.33	20	<1	0.05	20	0.46	976	4
SE004829	<0.005	0.2	1.74	11	<10	100	0.5	<2	0.1	<0.5	8	25	43	4.41	10	<1	0.03	10	0.22	620	2
SE004830	<0.005	0.2	3.23	16	<10	130	1.2	<2	0.19	<0.5	17	42	39	5.72	10	<1	0.04	20	0.84	840	2
SE004831	<0.005	<0.2	2.68	20	<10	140	0.8	2	0.31	<0.5	22	31	107	5.61	10	<1	0.04	20	1.37	1245	1
SE004832	<0.005	0.2	3.11	13	<10	190	1	<2	0.28	<0.5	19	38	89	5.3	10	<1	0.06	20	1.25	879	1
SE004833	0.005	0.2	2.45	12	<10	320	0.6	<2	0.56	<0.5	13	29	70	4.41	10	<1	0.05	20	1.07	850	1
SE004834	<0.005	0.2	2.93	16	<10	230	0.9	<2	0.37	<0.5	18	30	81	5.38	10	<1	0.06	20	1.12	1085	1
SE004835	<0.005	<0.2	2.74	18	<10	210	0.8	<2	0.55	<0.5	19	33	78	5.31	10	<1	0.06	20	1.17	1155	1
SE004836	0.005	0.2	2.48	21	<10	210	0.6	<2	0.3	<0.5	19	21	87	4.75	10	<1	0.05	20	0.88	756	1
SE004837	<0.005	<0.2	2.14	14	<10	180	0.6	2	0.22	<0.5	12	14	70	4.45	<10	<1	0.04	20	0.63	587	2
SE004838	<0.005	0.3	2.41	15	<10	130	0.7	<2	0.23	<0.5	14	25	58	4.5	10	<1	0.04	20	0.89	838	1
SE004839	<0.005	<0.2	2.32	15	<10	200	0.9	<2	0.7	<0.5	10	18	76	4.06	10	<1	0.05	20	0.74	559	1
SE004840	<0.005	0.3	2.67	22	<10	210	0.7	<2	0.35	<0.5	21	30	76	5.41	10	<1	0.06	20	1.25	1205	1
SE004841	<0.005	<0.2	2.48	19	<10	220	0.7	<2	0.52	<0.5	21	38	86	5.15	10	<1	0.08	20	1.31	1210	1
SE004842	<0.005	<0.2	2.13	13	<10	330	0.7	3	0.78	<0.5	13	31	54	3.97	10	<1	0.04	20	0.64	1070	1
SE004843	<0.005	0.2	3.1	11	<10	110	1.4	6	0.41	<0.5	10	42	46	4.9	10	<1	0.02	30	0.58	522	<1
SE004844	<0.005	0.3	2.17	14	<10	370	0.9	2	1.04	<0.5	12	23	72	3.46	10	1	0.04	30	0.62	490	1
SE004845	0.017	0.4	2.45	73	<10	90	1.1	4	0.85	<0.5	52	14	288	7.93	<10	<1	0.05	30	1.17	1590	8
SE004846	0.018	0.2	1.79	75	<10	60	0.7	3	0.19	<0.5	51	9	231	6.52	<10	<1	0.02	30	0.58	1800	4

All-Terrane Mineral Exploration Services

SOIL SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SE004798	0.03	38	1060	5	0.11	<2	3	11	<20	0.25	<10	<10	71	<10	82
SE004799	0.03	28	1030	6	0.1	<2	3	6	<20	0.23	<10	<10	59	<10	99
SE004800	0.02	40	1030	4	0.07	<2	3	34	<20	0.09	<10	<10	72	<10	73
SE004801	0.01	19	790	8	0.05	<2	2	7	<20	0.16	<10	<10	74	<10	56
SE004802	0.03	34	830	7	0.08	<2	5	13	<20	0.29	<10	<10	67	<10	113
SE004803	0.01	21	1850	7	0.16	<2	2	8	<20	0.14	<10	<10	88	<10	99
SE004804	0.1	91	920	2	0.04	<2	4	29	<20	0.57	<10	<10	80	<10	106
SE004805	0.02	70	1220	7	0.1	<2	6	22	<20	0.26	<10	<10	84	<10	175
SE004806	0.03	41	1300	6	0.14	<2	4	22	<20	0.28	<10	<10	79	<10	125
SE004807	0.02	15	1260	8	0.17	<2	2	8	<20	0.23	<10	<10	107	<10	99
SE004808	0.02	19	1100	8	0.12	<2	1	7	<20	0.09	<10	<10	64	<10	95
SE004809	0.02	25	1170	11	0.1	<2	1	15	<20	0.07	<10	<10	91	<10	138
SE004810	0.03	43	1760	8	0.11	<2	4	65	<20	0.11	<10	<10	86	<10	106
SE004811	0.02	33	1510	9	0.1	<2	2	26	<20	0.11	<10	<10	95	<10	147
SE004812	0.02	24	1050	9	0.08	<2	2	36	<20	0.1	<10	<10	76	<10	94
SE004813	0.02	35	2360	5	0.14	<2	5	49	<20	0.06	<10	<10	69	<10	76
SE004814	0.02	32	1700	5	0.1	<2	2	35	<20	0.03	<10	<10	82	<10	66
SE004815	0.02	38	870	8	0.05	<2	3	10	<20	0.11	<10	<10	71	<10	112
SE004816	0.02	44	1170	7	0.04	<2	3	10	<20	0.09	<10	<10	79	<10	96
SE004817	0.02	32	1480	8	0.06	<2	2	19	<20	0.09	<10	<10	83	<10	122
SE004818	0.02	36	1480	13	0.11	<2	2	42	<20	0.11	<10	<10	81	<10	144
SE004819	0.02	19	1930	11	0.04	<2	2	8	<20	0.13	<10	<10	89	<10	99
SE004820	0.02	41	790	6	0.05	<2	4	16	<20	0.1	<10	<10	88	<10	89
SE004821	0.02	22	1810	11	0.13	<2	9	69	<20	0.01	<10	<10	72	<10	73
SE004822	0.02	47	1200	9	0.07	<2	7	41	<20	0.08	<10	<10	67	<10	69
SE004823	0.01	19	1660	7	0.12	<2	1	14	<20	0.04	<10	<10	71	<10	90
SE004824	0.02	52	1050	6	0.08	<2	4	24	<20	0.17	<10	<10	79	<10	77
SE004825	0.02	53	910	6	0.07	<2	5	9	<20	0.19	<10	<10	80	<10	79
SE004826	0.02	36	1090	12	0.09	<2	4	12	<20	0.32	<10	<10	86	<10	106
SE004827	0.01	26	1480	11	0.07	<2	4	8	<20	0.13	<10	<10	79	<10	93
SE004828	0.03	22	1100	11	0.07	<2	2	7	<20	0.17	<10	<10	46	<10	77
SE004829	0.02	14	830	15	0.06	<2	2	12	<20	0.23	<10	<10	105	<10	58
SE004830	0.02	37	660	11	0.06	<2	4	16	<20	0.25	<10	<10	89	<10	78
SE004831	0.02	36	1260	6	0.06	<2	6	18	<20	0.07	<10	<10	69	<10	69
SE004832	0.02	60	1060	8	0.09	<2	6	19	<20	0.17	<10	<10	72	<10	81
SE004833	0.02	25	1370	6	0.08	<2	3	26	<20	0.03	<10	<10	64	<10	73
SE004834	0.02	26	1150	8	0.06	<2	3	21	<20	0.03	<10	<10	72	<10	71
SE004835	0.02	35	1030	9	0.05	<2	4	27	<20	0.07	<10	<10	74	<10	73
SE004836	0.01	21	1030	6	0.05	<2	4	16	<20	0.01	<10	<10	58	<10	49
SE004837	0.02	11	1630	2	0.09	<2	5	13	<20	0.01	<10	<10	62	<10	49
SE004838	0.01	31	1250	6	0.15	<2	2	17	<20	0.07	<10	<10	54	<10	73
SE004839	0.02	22	1490	6	0.2	<2	3	29	<20	0.03	<10	<10	48	<10	63
SE004840	0.02	35	810	8	0.12	<2	6	20	<20	0.05	<10	<10	70	<10	75
SE004841	0.02	42	1000	8	0.11	<2	6	24	<20	0.06	<10	<10	72	<10	77
SE004842	<0.01	21	2290	7	0.16	<2	3	34	<20	0.03	<10	<10	67	<10	65
SE004843	<0.01	26	1550	7	0.16	<2	4	16	<20	0.21	<10	<10	79	<10	70
SE004844	<0.01	20	2190	8	0.17	<2	1	37	<20	0.01	<10	<10	48	<10	67
SE004845	<0.01	37	1490	17	0.34	5	8	46	<20	<0.01	<10	<10	55	<10	91
SE004846	<0.01	15	1250	15	0.05	2	4	12	<20	<0.01	<10	<10	42	<10	69

SE004847	444496	6414711	10125E	B	30	steep	brown	No	25	alpine			5	15-Jun	Craig	
SE004848	444474	6414703	10100E	B	50	very steep	brown	No	45	alpine			5	15-Jun	Craig	
SE004849	444452	6414695	10075E	B	30	moderate	brown	No	25	alpine			5	15-Jun	Craig	
SE004850	444429	6414686	10050E	B	20	steep	orange/brown	No	30	alpine			5	15-Jun	Craig	
SE004851	444407	6414678	10025E	B	25	gentle	red/brown	No	20	alpine			5	15-Jun	Craig	next to trench
SE004852	444520	6414610	9300N/10100E	B	25	very steep	brown	No	40	alpine			5	15-Jun	Craig	
SE004853	444496	6414634	10075E	B	20	steep	brown	No	40	alpine			5	15-Jun	Craig	by road
SE004854	444471	6414657	10025E	B	20	steep	brown	No	25	alpine			5	15-Jun	Craig	
SE004855	444447	6414681	10050E	B	25	steep	brown	No	20	alpine			10	15-Jun	Craig	
SE004856	444422	6414704	10000E/9425N	B	20	flat	orange/brown	No	20	alpine			5	15-Jun	Craig	
SE004857	444397	6414728	9450N	B	30	flat	red/brown	No	50	alpine			5	15-Jun	Craig	
SE004858	444373	6414752	9475N	B	25	flat	brown	No	30	alpine			5	15-Jun	Craig	
SE004859	444348	6414776	9500N	B	20	gentle	brown	No	25	alpine			5	15-Jun	Craig	
SE004860	444528	6414837	L95+00N/102+00E	B	30	steep	orange/brown	No	30	alpine			10	15-Jun	Craig	
SE004861	444506	6414828	101+75E	B	25	steep	brown	No	25	alpine			5	15-Jun	Craig	
SE004862	444484	6414818	101+50E	B	20	steep	brown	No	30	alpine			5	15-Jun	Craig	
SE004863	444462	6414808	101+25E	B	25	moderate	tan	No	30	alpine			5	15-Jun	Craig	
SE004864	444440	6414798	101+00E	B	20	moderate	brown	No	30	alpine			5	15-Jun	Craig	
SE004865	444418	6414788	100+75E	B	20	moderate	brown	No	25	alpine			5	15-Jun	Craig	
SE004866	444396	6414778	100+50E	B	25	moderate	brown	No	40	alpine			5	15-Jun	Craig	
SE004867	444374	6414768	100+25E	B	30	steep	brown	No	20	alpine			5	15-Jun	Craig	
SE004996	445101	6414332	TL10500E/8800N	B	20	very steep	brown	No	50	alpine			20	23-Jun	Craig	
SE004997	445092	6414352	8825N	B	20	very steep	brown	No	40	alpine			20	23-Jun	Craig	
SE004998	445084	6414372	8850N	B	25	very steep	brown	No	20	alpine			10	23-Jun	Craig	
SE004999	445076	6414392	8875N	B	20	steep	brown	No	30	alpine			20	23-Jun	Craig	
SE005000	445063	6414437	8925N	B	25	gentle	orange/brown	No	20	alpine			10	23-Jun	Craig	
SE004951	445058	6414461	8950N	B	20	gentle	orange/brown	No	20	alpine			10	23-Jun	Craig	
SE004952	445053	6414485	8975N	B	30	gentle	orange/brown	No	15	alpine			5	23-Jun	Craig	
SE004953	445048	6414508	9000N	B	25	gentle	orange/brown	No	20	alpine			5	23-Jun	Craig	
SE004954	445043	6414531	9025N	B	20	gentle	brown	No	25	alpine			10	23-Jun	Craig	
SE005767	444816	6414613	L 9200N, 103+25E	b	50	40	brnorgry		10	tundra			2		ML	
SE006212	442845	6416841		b	30	2	brn		30	tundra			2		ML	top of world
SE006213	442928	6416758		b	40	2	brn rd		30	tundra			2		ML	top of world
SE006214	442991	6416657		b	25	2	brn		30	tundra			2		ML	top of world
SE006215	443069	6416586		b	30	2	brn		10	tundra			20		ML	top of world
SE006216	443109	6416486		b	25	5	brn		30	tundra			5		ML	top of world
SE006217	443172	6416407		b	40	5	brn		20	tundra			10		ML	top of world
SE006218	443206	6416310		b	40	5	brn		20	tundra			5		ML	top of world
SE006219	443285	6416227		b	40	5	brn		20	tundra			5		ML	top of world
SE006220	443355	6416166		b	30	10	brn		10	tundra			5		ML	blue fragments
SE006221	443432	6416101		b	40	5	brn		15	tundra			5		ML	top of world
SE006222	443507	6416041		b	40	5	brn		10	tundra			5		ML	top of world
SE006223	443579	6415973		b	60	5	brn		20	tundra			2		ML	top of world
SE006224	443666	6415910		b	50	5	brn		20	tundra			5		ML	or frags
SE006225	443709	6415814		b	40	5	brn		20	tundra			2		ML	top of world
SE006226	443765	6415723		b	40	5	brn		10	tundra			5		ML	top of world
SE006227	443837	6415655		b	60	5	gry lt.brn		20	tundra			2		ML	top of world
SE006228	443914	6415584		b	50	5	lt.brn		30	tundra			2		ML	orange blue fragments
SE006229	443988	6415517		b	60	5	lt.brn		20	tundra			2		ML	orange blue streeks
SE006230	444051	6415453		b	50	20	brn		20	tundra			5		ML	on top
SE006231	444122	6415372		b	60	20	brn gry		20	tundra			5		ML	blue fragments
SE006232	444195	6415308		b	60	30	brn		10	tundra			5		ML	or frags
SE006233	444272	6415240		b	60	30	brn		10	tundra			5		ML	on top
SE006234	444350	6415174		b	60	20	lt brn		20	tundra			5		ML	or frags
SE006235	444418	6415100		b	50	5	brn		20	tundra			5		ML	or frags
SE006236	444488	6415041		b	50	5	brn		20	tundra			5		ML	or frags
SE006237	444547	6414981		b	50	5	brn		20	tundra			5		ML	or frags
SE006238	444669	6414916		b	60	60	gry or brn		30	tundra			5		ML	across gorge
SE006239	444708	6414837		b	60	25	gry or brn		30	tundra			5		ML	across gorge
SE006240	444795	6414764		b	70	20	gry or brn		25	tundra			5		ML	or gry frags
SE006241	444835	6414687		b	70	30	gry or		30	tundra			5		ML	or gry frags

SE004847	0.013	0.3	1.24	82	<10	190	0.5	4	0.53	0.7	42	11	200	4.94	<10	<1	0.04	20	0.42	2730	3
SE004848	0.021	0.2	1.91	78	<10	120	0.8	2	0.67	0.7	39	12	193	6.81	<10	1	0.04	20	0.79	1525	2
SE004849	0.005	0.2	2.14	87	<10	130	0.7	4	0.12	0.6	14	22	71	5.26	10	1	0.03	20	0.4	1210	2
SE004850	0.085	0.5	1.52	750	<10	250	0.5	5	0.02	0.8	24	9	65	7.62	<10	1	0.14	30	0.12	1335	14
SE004851	0.022	0.2	2.01	630	<10	120	1	3	0.06	<0.5	12	27	37	5.23	10	<1	0.04	20	0.44	1410	2
SE004852	0.011	<0.2	2.23	68	<10	60	0.6	4	0.96	0.8	46	9	190	6.59	<10	1	0.03	30	0.9	1575	3
SE004853	0.018	0.6	1.37	77	<10	60	0.6	4	0.63	1.1	36	7	229	8.1	<10	1	0.03	20	0.55	1680	5
SE004854	<0.005	0.2	1.73	15	<10	90	0.5	4	0.03	0.6	8	28	34	4.46	10	<1	0.03	10	0.37	702	2
SE004855	<0.005	<0.2	1.97	14	<10	120	1	5	0.11	0.5	12	40	30	6.13	20	<1	0.03	20	0.48	951	2
SE004856	<0.005	<0.2	3.23	15	<10	100	3.2	3	0.11	<0.5	7	25	18	5.06	20	<1	0.04	30	0.33	826	3
SE004857	0.006	0.2	1.62	54	<10	100	0.7	2	0.07	<0.5	7	25	35	4.21	10	1	0.03	20	0.2	474	2
SE004858	0.006	<0.2	2.23	115	<10	90	1	5	0.06	<0.5	15	28	49	5.28	10	<1	0.02	20	0.28	1370	2
SE004859	0.009	<0.2	2.48	128	<10	80	1	2	0.28	<0.5	14	26	64	5.95	10	1	0.02	20	0.58	909	2
SE004860	0.012	0.2	0.53	54	<10	40	0.9	2	0.5	<0.5	23	4	72	5.16	<10	<1	0.05	40	0.15	1525	5
SE004861	0.007	<0.2	1.48	33	<10	130	0.9	3	1.29	<0.5	24	12	235	5.02	<10	<1	0.06	30	0.53	1445	2
SE004862	0.005	<0.2	2.2	21	<10	90	1.1	5	0.63	<0.5	19	12	92	5.4	10	<1	0.04	40	0.8	1450	1
SE004863	<0.005	<0.2	2.12	24	<10	110	0.6	3	0.91	<0.5	17	17	88	4.89	<10	1	0.04	20	0.88	970	1
SE004864	<0.005	<0.2	1.88	52	<10	160	1.4	3	1.26	<0.5	23	23	114	7.49	<10	<1	0.03	40	0.7	2340	2
SE004865	0.007	<0.2	2.26	150	<10	130	0.5	3	0.04	<0.5	20	23	164	5.65	10	<1	0.03	20	0.53	794	4
SE004866	<0.005	0.2	1.74	87	<10	150	1	3	0.79	<0.5	16	21	125	5.73	10	<1	0.05	20	0.36	1530	1
SE004867	0.022	0.2	0.76	372	<10	260	<0.5	3	0.87	1	24	10	205	7.43	<10	1	0.05	10	0.16	3510	2
SE004996	0.006	0.4	2.13	35	<10	290	1.3	2	1.65	2.6	54	16	155	4.51	10	<1	0.09	40	0.68	2320	3
SE004997	<0.005	0.3	2.42	49	<10	160	1.3	<2	0.62	0.6	41	22	108	6.1	10	<1	0.08	30	0.68	1895	4
SE004998	0.006	<0.2	2.24	13	<10	260	0.8	<2	0.24	<0.5	21	37	66	5.15	10	<1	0.06	20	0.72	1185	2
SE004999	0.011	<0.2	2.23	33	<10	220	1.4	<2	1.33	0.8	35	16	82	4.97	10	<1	0.12	30	0.59	1840	2
SE005000	<0.005	0.2	2.07	15	<10	130	0.6	<2	0.12	<0.5	13	41	40	4.97	10	<1	0.06	10	0.8	673	1
SE004951	<0.005	0.2	2.14	7	<10	220	<0.5	<2	0.09	<0.5	8	77	18	4.76	10	1	0.12	<10	0.84	321	1
SE004952	<0.005	<0.2	1.29	6	<10	300	<0.5	<2	0.09	0.5	7	44	13	2.97	10	<1	0.08	<10	0.41	478	1
SE004953	<0.005	<0.2	1.1	5	<10	140	<0.5	<2	0.03	<0.5	4	38	11	2.62	10	<1	0.06	<10	0.34	243	1
SE004954	<0.005	0.2	1.48	2	<10	300	0.5	<2	0.23	2.7	14	56	23	2.68	10	<1	0.1	<10	0.67	706	1
SE005767	0.023	<0.2	1.2	42	<10	90	0.7	<2	0.96	<0.5	27	8	47	5.19	<10	<1	0.05	30	0.39	984	1
SE006212	<0.005	0.2	4	22	<10	230	1.7	<2	0.38	<0.5	28	61	114	6.45	10	1	0.04	30	1.7	1355	1
SE006213	<0.005	<0.2	3.03	20	<10	170	1.7	<2	0.62	<0.5	27	41	62	8.48	10	1	0.03	20	1.3	2950	2
SE006214	<0.005	<0.2	3.59	20	<10	130	2.1	<2	0.62	<0.5	21	43	59	5.62	10	1	0.04	30	1.02	1300	2
SE006215	<0.005	<0.2	2.06	8	<10	140	1.4	<2	1.05	<0.5	17	38	42	5.26	20	1	0.04	20	0.61	2030	2
SE006216	0.005	0.2	3.46	17	<10	130	1.2	<2	0.33	<0.5	26	54	117	5.96	10	1	0.04	20	1.42	1530	1
SE006217	<0.005	<0.2	3	14	<10	90	1	<2	0.19	<0.5	21	51	56	5.17	10	1	0.04	20	0.96	1905	2
SE006218	<0.005	<0.2	2.94	10	<10	150	1.5	<2	0.21	<0.5	19	42	49	5.2	10	1	0.05	20	0.98	1095	2
SE006219	<0.005	<0.2	2.76	15	<10	230	0.9	<2	0.49	<0.5	24	46	92	5.53	10	1	0.06	20	1.31	1160	1
SE006220	0.006	<0.2	3.05	12	<10	280	1.7	<2	0.39	<0.5	20	41	90	4.97	10	1	0.06	30	1.13	949	1
SE006221	0.006	0.2	3.22	20	<10	250	0.9	<2	0.25	<0.5	27	50	93	5.38	10	1	0.05	20	1.56	1160	1
SE006222	0.006	<0.2	2.88	11	<10	190	0.9	<2	0.2	<0.5	20	46	52	5.21	10	1	0.05	20	1.03	837	1
SE006223	0.008	<0.2	3.24	19	<10	170	0.8	<2	0.27	<0.5	25	58	100	5.43	10	1	0.04	20	1.71	951	<1
SE006224	0.005	<0.2	3.58	9	<10	110	1.6	<2	0.42	<0.5	20	43	72	5.56	10	2	0.04	20	1.11	1415	1
SE006225	0.005	<0.2	3.37	39	<10	110	1.8	<2	0.51	<0.5	30	45	140	6.09	10	1	0.04	20	1.36	1220	1
SE006226	0.010	<0.2	2.23	34	<10	200	1	<2	0.86	<0.5	19	38	111	4.49	10	1	0.04	10	0.81	1290	1
SE006227	0.007	<0.2	2.64	23	<10	230	0.9	<2	0.46	<0.5	26	41	107	5.4	10	1	0.05	30	1.31	1280	1
SE006228	0.007	<0.2	2.89	21	<10	240	1	<2	0.39	<0.5	28	39	95	5.71	10	1	0.05	30	1.38	1100	1
SE006229	0.009	<0.2	2.63	27	<10	240	0.8	<2	0.2	<0.5	28	31	112	5.63	10	<1	0.05	30	1.19	1220	1
SE006230	0.009	<0.2	2.92	19	<10	240	0.9	<2	0.33	<0.5	24	40	108	5.48	10	1	0.06	30	1.4	1205	1
SE006231	0.006	<0.2	2.55	7	<10	380	0.6	<2	1.02	<0.5	18	45	153	4.35	10	1	0.05	20	1.5	838	1
SE006232	0.006	<0.2	2.9	15	<10	170	0.9	<2	0.31	<0.5	24	45	66	5.31	10	2	0.06	20	1.27	996	1
SE006233	0.006	<0.2	2.77	18	<10	260	0.9	<2	0.48	<0.5	22	41	77	5.23	10	1	0.06	20	1.18	1185	1
SE006234	0.015	<0.2	2.32	25	<10	210	0.7	<2	0.32	<0.5	29	23	125	5.74	<10	1	0.05	30	1.15	1295	1
SE006235	<0.005	<0.2	3.21	15	<10	190	1.3	<2	0.3	<0.5	21	42	68	4.99	10	1	0.05	20	1.23	1245	1
SE006236	<0.005	0.2	2.64	18	<10	160	1.4	<2	0.3	<0.5	22	34	67	5.84	10	1	0.06	20	0.87	1500	2
SE006237	0.016	<0.2	2.84	25	<10	150	0.9	<2	0.12	<0.5	31	27	73	5.55	10	1	0.06	20	0.98	1285	2
SE006238	0.010	<0.2	2.52	29	<10	130	0.8	<2	0.56	<0.5	31	14	141	6.03	<10	1	0.12	30	1.11	1410	3
SE006239	0.008	0.2	1.47	27	<10	120	0.6	<2	0.22	<0.5	37	6	80	6.66	<10	<1	0.07	30	0.46	2090	7
SE006240	0.019	0.2	0.56	43	<10	100	0.8	<2	0.09	<0.5	90	4	25	5.01	<10	1	0.03	10	0.1	1170	3
SE006241	0.016	0.5	1.19	41	<10	70	0.7	<2	0.12	<0.5	23	11	93	4.58	<10	<1	0.03	40	0.44	646	9

SE004847	<0.01	21	1870	15	0.12	3	2	21	<20	0.01	<10	<10	42	<10	159
SE004848	<0.01	31	1030	11	0.09	4	8	32	<20	<0.01	<10	<10	44	<10	143
SE004849	<0.01	18	1570	6	0.12	<2	1	14	<20	0.02	<10	<10	66	<10	76
SE004850	0.05	15	1910	17	0.65	5	1	70	<20	0.01	<10	<10	29	<10	61
SE004851	<0.01	23	820	12	0.08	<2	2	6	<20	0.11	<10	<10	61	<10	73
SE004852	<0.01	22	1520	14	0.1	4	7	29	<20	0.01	<10	<10	56	<10	108
SE004853	<0.01	38	1310	14	0.11	9	8	15	<20	0.01	<10	<10	47	<10	108
SE004854	<0.01	14	950	9	0.08	<2	1	5	<20	0.12	<10	<10	82	<10	89
SE004855	<0.01	26	840	11	0.09	<2	3	11	<20	0.26	<10	<10	89	<10	101
SE004856	0.03	18	1090	13	0.13	<2	2	6	<20	0.15	<10	<10	47	<10	95
SE004857	<0.01	12	1730	12	0.14	<2	1	7	<20	0.05	<10	<10	57	<10	59
SE004858	<0.01	16	1150	11	0.14	<2	2	6	<20	0.09	<10	<10	69	<10	73
SE004859	<0.01	30	1140	10	0.12	<2	2	12	<20	0.07	<10	<10	54	<10	105
SE004860	<0.01	17	1470	11	0.1	3	4	22	<20	0.01	<10	<10	11	<10	17
SE004861	<0.01	23	1300	13	0.09	<2	5	53	<20	0.03	<10	<10	36	<10	55
SE004862	<0.01	25	1440	17	0.05	<2	3	41	<20	0.03	<10	<10	34	<10	88
SE004863	<0.01	26	970	8	0.08	<2	4	60	<20	0.03	<10	<10	55	<10	82
SE004864	0.01	42	1230	10	0.11	<2	6	70	<20	0.14	<10	<10	49	<10	123
SE004865	<0.01	21	820	8	0.07	<2	3	9	<20	0.05	<10	<10	87	<10	72
SE004866	<0.01	15	2280	7	0.17	<2	2	35	<20	0.04	<10	<10	67	<10	66
SE004867	<0.01	10	2970	9	0.24	<2	2	31	<20	0.01	<10	<10	47	<10	78
SE004996	<0.01	17	2340	30	0.17	<2	4	109	<20	0.04	<10	<10	66	<10	171
SE004997	<0.01	24	2040	40	0.14	<2	3	48	<20	0.04	<10	<10	70	<10	133
SE004998	0.01	39	1020	20	0.08	<2	3	29	<20	0.12	<10	<10	77	<10	99
SE004999	0.02	19	2120	48	0.14	<2	2	79	<20	0.04	<10	<10	55	<10	154
SE005000	0.02	37	730	12	0.04	<2	4	10	<20	0.13	<10	<10	78	<10	81
SE004951	0.01	52	1210	7	0.01	<2	5	10	<20	0.02	<10	<10	107	<10	194
SE004952	0.01	33	650	6	0.01	<2	2	13	<20	0.04	<10	<10	56	<10	103
SE004953	0.01	24	490	8	0.01	<2	3	4	<20	0.04	<10	<10	60	<10	62
SE004954	0.01	66	970	6	0.03	<2	2	32	<20	0.02	<10	<10	46	<10	159
SE005767	0.01	16	1390	9	0.05	<2	4	29	<20	0.01	<10	<10	24	<10	29
SE006212	0.02	83	1090	10	0.08	2	10	27	<20	0.35	<10	<10	83	<10	67
SE006213	0.02	52	1150	11	0.11	<2	6	30	<20	0.23	<10	<10	79	<10	84
SE006214	0.03	50	1170	11	0.12	<2	6	25	<20	0.3	<10	<10	72	<10	73
SE006215	0.02	27	1730	11	0.17	<2	2	33	<20	0.16	<10	<10	69	<10	112
SE006216	0.02	68	1130	9	0.1	<2	10	21	<20	0.31	<10	<10	88	<10	70
SE006217	0.02	54	1200	7	0.12	<2	5	11	<20	0.23	<10	<10	76	<10	92
SE006218	0.02	46	1080	9	0.08	<2	4	15	<20	0.2	<10	<10	69	<10	76
SE006219	0.02	56	1100	6	0.05	<2	7	29	<20	0.15	<10	<10	72	<10	80
SE006220	0.02	44	1280	11	0.06	<2	5	28	<20	0.14	<10	<10	60	<10	64
SE006221	0.01	65	1060	8	0.04	<2	6	19	<20	0.13	<10	<10	74	<10	69
SE006222	0.01	52	1070	9	0.06	<2	5	17	<20	0.17	<10	<10	78	<10	68
SE006223	0.01	76	920	5	0.04	<2	7	21	<20	0.19	<10	<10	85	<10	82
SE006224	0.02	51	1410	8	0.14	<2	6	17	<20	0.29	<10	<10	84	<10	111
SE006225	0.03	75	890	9	0.09	<2	5	17	<20	0.35	<10	<10	82	<10	88
SE006226	0.01	45	1680	10	0.14	<2	4	26	<20	0.1	<10	<10	62	<10	64
SE006227	0.01	45	1310	10	0.05	<2	6	27	<20	0.12	<10	<10	70	<10	72
SE006228	0.01	47	830	8	0.02	<2	9	24	<20	0.14	<10	<10	70	<10	65
SE006229	0.01	37	770	8	0.02	<2	8	15	<20	0.05	<10	<10	65	<10	65
SE006230	0.01	45	990	8	0.03	<2	8	19	<20	0.1	<10	<10	72	<10	88
SE006231	0.01	40	1460	5	0.07	<2	6	41	<20	0.05	<10	<10	67	<10	76
SE006232	0.02	62	990	11	0.06	<2	6	18	<20	0.23	<10	<10	73	<10	92
SE006233	0.01	40	1120	11	0.06	<2	5	24	<20	0.08	<10	<10	75	<10	79
SE006234	0.01	28	1090	11	0.01	<2	8	19	<20	0.03	<10	<10	64	<10	68
SE006235	0.02	55	1040	7	0.03	<2	6	16	<20	0.13	<10	<10	67	<10	100
SE006236	0.01	41	1160	14	0.07	<2	4	16	<20	0.12	<10	<10	65	<10	108
SE006237	0.01	34	830	14	0.04	<2	5	14	<20	0.03	<10	<10	77	<10	73
SE006238	0.01	18	1370	15	0.11	<2	9	41	<20	0.01	<10	<10	63	<10	101
SE006239	<0.01	21	1760	9	<0.01	<2	10	12	<20	<0.01	<10	<10	34	<10	45
SE006240	<0.01	38	910	9	0.01	<2	5	6	<20	0.01	<10	<10	16	<10	16
SE006241	<0.01	38	760	15	0.02	<2	4	9	<20	0.03	<10	<10	29	<10	49

SE006242	444891	6414597		b	60	20	brn		10	tundra			5		ML	
SE006243	444958	6414512		b	60	20	brn		10	tundra			10		ML	or gry frags
SE006244	445041	6414452		b	60	5	brn		5	tundra			10		ML	
SE006263	444149	6415228	L 10000N 99+75E	b	50	2	brn		20	tundra			5		ML	
SE006264	444213	6415213	L 10000N, 99+50E	b	30	10	brn		30	tundra			2		ML	rocky or fragments
SE006265	444209	6415209	L 10000N, 99+25E	b	40	10	brn		10	tundra			5		ML	or frags
SE006266	444196	6415196	L 10000N, 99+00E	b	50	20	brn		10	tundra			5		ML	or frags
SE006267	444210	6415210	BL 10000E 99+75N	b	40	5	brn		10	tundra			5		ML	or frags
SE006268	444190	6415190	BL 10000E, 99+50N	b	65	5	brn		10	tundra			10		ML	or frags
SE006269	444161	6415161	BL 10000E, 99+25N	b	50	5	brn		20	tundra			5		ML	
SE006270	444136	6414143	BL 10000E 99+00N	b	60	30	or gry brn		20	tundra			5		ML	or frags
SE006271	444133	6415133	L99+00N, 99+75E	b	50	10	brn		10	tundra			5		ML	
SE006272	444122	6415122	L99+00N, 99+50E	b	50	20	brn		5	tundra			5		ML	
SE006273	444113	6415114	L99+00N, 99+25E	b	60	10	or brn or		10	tundra			5		ML	or frags
SE006274	444101	6415101	L99+00N, 99+00E	b	50	20	or brn or		20	tundra			5		ML	or frags
SE006275	444236	6415151	L99+00N 100+25E	b	30	5	brn		5	tundra			5		ML	
SE006276	444259	6415160	L99+00N, 100+50E	b	30	10	brn		5	tundra			5		ML	
SE006277	444287	6415167	L99+00N, 100+75E	b	30	5	brn		10	tundra			5		ML	blue or frags
SE006278	444219	6415116	BL10000E 98+75N	b	30	5	brn		5	tundra			5		ML	
SE006279	444228	6415198	BL 10000E, 98+50N	b	30	10	brn		20	tundra			5		ML	
SE006280	444241	6415175	BL 10000E, 98+25N	b	30	10	brn		20	tundra			5		ML	
SE006281	444251	6415152	BL 10000E, 98+00N	b	40	20	brn		10	tundra			5		ML	
SE006282	444272	6415160	L98+00N 100+25E	b	40	30	brn		10	tundra			5		ML	
SE006283	444298	6415167	L98+00N, 100+50E	b	40	40	brn or		30	tundra			5		ML	or frags
SE006284	444323	6415175	L98+00N, 100+75E	b	50	30	brn or gry		25	tundra			5		ML	or frags
SE006285	444347	6415177	L98+00N, 101+00E	b	50	30	brn		25	tundra			5		ML	
SE006286	444373	6415190	L98+00N, 101+25E	b	40	10	rn		15	tundra			5		ML	or frags
SE006287	444397	6415190	L98+00N, 101+50E	b	30	5	brn		10	tundra			5		ML	or frags
SE006288	444417	6415105	L98+00N, 101+75E	b	40	10	brn		5	tundra			5		ML	
SE006289	444445	6415111	L98+00N, 102+00E	b	60	40	brn		10	tundra			5		ML	or frags
SE006290	444262	6415028	BL 10000E, 97+75N	b	40	30	brn		2	tundra			10		ML	rocky zone
SE006291	444269	6415006	BL 10000E, 97+50N	b	30	10	brn		2	tundra			5		ML	
SE006292	444277	6414981	BL 10000E, 97+25N	b	30	15	brn		10	tundra			5		ML	
SE006293	444289	6414959	BL 10000E, 97+00N	b	30	30	brn		5	tundra			5		ML	rocky
SE006294	444307	6414965	L97+00N, 100+25E	ab	30	20	brn		20	tundra			20		ML	or frags
SE006295	444331	6414971	L97+00N, 100+50E	ab	30	5	drk. Brn		2	tundra			60		ML	permafrost
SE006296	444354	6414974	L97+00N, 100+75E	b	40	10	brn		10	tundra			10		ML	or frags
SE006297	444378	6414986	L97+00N, 101+00E	b	40	20	brn		10	tundra			5		ML	
SE006298	444404	6414990	L97+00N, 101+25E	b	50	10	or		20	tundra			5		ML	or frags
SE006299	444427	6414998	L97+00N, 101+50E	b	50	10	brn or		20	tundra			5		ML	or frags
SE006300	444448	6414992	L97+00N, 101+75E	b	40	20	brn		5	tundra			5		ML	
SE006301	444475	6415012	L97+00N, 102+00E	b	30	15	brn		10	tundra			5		ML	
SE006302	444292	6414929	BL 10000E 96+75N	b	40	20	brn		10	tundra			5		ML	
SE006303	444303	6414912	BL 10000E, 96+50N	b	60	20	brn		20	tundra			5		ML	or frags
SE006304	444314	6414893	BL 10000E, 96+25N	b	50	20	brn		10	tundra			5		ML	or frags
SE006305	444321	6414869	BL 10000 96+00N	b	60	30	bn		20	tundra			5		ML	or frags
SE006306	444345	6414878	L96+00N 100+25E	b	60	20	brn		10	tundra			5		ML	or frags
SE006307	444369	6414883	L96+00N, 100+50E	b	60	30	brn		10	tundra			5		ML	or frags
SE006308	444389	6414890	L96+00N, 100+75E	b	50	20	brn		10	tundra			5		ML	or frags
SE006309	444412	6414898	L96+00N, 101+00E	b	40	15	brn		10	tundra			5		ML	or frags
SE006310	444435	6414910	L96+00N, 101+25E	b	40	20	brn		10	tundra			5		ML	or frags
SE006311	444457	6414915	L96+00N, 101+50E	b	30	15	drk. Brn		10	tundra			5		ML	or frags
SE006312	444480	6414921	L96+00N, 101+75E	b	30	10	brn		20	tundra			10		ML	or frags
SE006313	444505	6414937	L96+00N, 102+00E	b	40	15	brn		10	tundra			10		ML	or frags
SE006314	444327	6414844	BL 10000E, 95+75N	b	40	10	brn		30	tundra			10		ML	
SE006315	444330	6414823	BL 10000E, 95+50N	b	30	5	brn		20	tundra			5		ML	
SE006466	444857	6414958	TL 10500E, 95+00N	b	50	30	brn		10	tundra			5		ML	
SE006467	444867	6414938	TL 10500E, 94+75N	b	70	30	brn		10	tundra			5		ML	
SE006468	444875	6414916	TL 10500E, 94+50N	b	60	25	brn		5	tundra			5		ML	
SE006469	444890	6414892	TL 10500E, 94+25N	b	70	35	brn		10	tundra			5		ML	
SE006470	444892	6414866	TL 10500E, 94+00N	b	60	20	brn		5	tundra			5		ML	

SE006242	<0.005	<0.2	3.07	20	<10	160	1.2	<2	0.19	<0.5	23	37	59	5.54	10	<1	0.06	20	1.06	963	2
SE006243	<0.005	0.4	3.01	27	<10	100	1.8	<2	0.15	<0.5	25	29	56	10.45	10	1	0.05	20	0.79	3050	4
SE006244	<0.005	<0.2	3.25	10	<10	150	2.5	<2	0.31	<0.5	10	28	23	4.64	20	1	0.05	30	0.59	596	2
SE006263	0.011	<0.2	2.25	18	<10	210	1	4	1.14	<0.5	15	34	63	4.82	10	<1	0.03	20	0.89	1015	1
SE006264	0.006	<0.2	2.26	33	<10	140	1	<2	0.34	<0.5	23	18	140	5.61	10	<1	0.07	40	0.9	1525	1
SE006265	0.007	<0.2	2.72	65	<10	180	0.9	<2	0.14	<0.5	21	23	80	6.02	10	1	0.06	30	0.98	1245	1
SE006266	0.005	<0.2	2.79	47	<10	170	1.2	<2	0.5	<0.5	17	33	86	5.38	10	<1	0.06	30	0.83	889	1
SE006267	<0.005	<0.2	2.62	12	<10	260	1.4	2	0.91	<0.5	17	35	100	5.18	10	<1	0.05	30	1.15	881	<1
SE006268	<0.005	<0.2	2.31	21	<10	240	1.2	<2	0.69	<0.5	19	20	83	5.29	10	<1	0.06	30	0.78	1030	1
SE006269	<0.005	<0.2	2.56	18	<10	380	1.3	<2	0.86	0.7	28	24	104	5.25	10	<1	0.06	30	0.92	2570	<1
SE006270	<0.005	<0.2	2.41	23	<10	200	0.9	<2	0.21	<0.5	21	18	86	9.6	10	<1	0.07	40	0.94	2600	1
SE006271	<0.005	<0.2	2.96	50	<10	190	1.1	2	0.17	<0.5	21	28	89	6	10	<1	0.06	30	0.94	1070	1
SE006272	0.021	<0.2	2.27	39	<10	110	0.5	2	0.12	<0.5	13	25	58	6.15	10	1	0.06	20	0.73	905	1
SE006273	0.005	<0.2	2.43	43	<10	310	1.5	2	0.96	<0.5	22	26	155	7.64	10	<1	0.05	40	0.83	2530	1
SE006274	0.037	0.3	2.18	1080	<10	90	0.6	<2	0.08	<0.5	21	21	236	5.83	10	<1	0.05	20	0.52	852	1
SE006275	<0.005	<0.2	2.9	13	<10	150	2	3	0.46	<0.5	20	35	34	5.68	10	1	0.05	30	1.37	1040	1
SE006276	<0.005	<0.2	3.12	13	<10	160	1.8	<2	0.52	<0.5	20	39	66	5.54	10	<1	0.05	30	1.22	980	<1
SE006277	<0.005	<0.2	2.76	32	<10	160	1.3	2	0.28	<0.5	26	33	82	6.07	10	<1	0.07	30	1.1	1245	1
SE006278	<0.005	<0.2	2.99	36	<10	180	1	2	0.19	<0.5	25	24	92	5.84	10	<1	0.07	30	0.97	1105	1
SE006279	0.006	<0.2	2.46	47	<10	130	0.7	<2	0.12	<0.5	21	18	80	5.99	10	<1	0.06	30	0.79	1135	1
SE006280	0.007	<0.2	2.17	25	<10	150	0.9	2	0.54	<0.5	21	27	67	6.17	10	<1	0.06	20	0.79	1425	1
SE006281	0.005	0.2	3.12	23	<10	190	1.4	2	0.38	<0.5	23	34	116	6	10	<1	0.06	30	1.23	1145	1
SE006282	0.005	<0.2	2.23	25	<10	180	1.2	<2	0.43	<0.5	24	32	69	6.66	10	<1	0.05	30	0.93	1575	1
SE006283	<0.005	<0.2	2.34	25	<10	190	0.9	3	0.27	<0.5	24	24	77	6.32	10	<1	0.07	30	0.78	1425	1
SE006284	0.009	<0.2	2.05	33	<10	140	1	<2	0.18	<0.5	24	14	147	6.47	<10	<1	0.07	40	0.62	1445	1
SE006285	<0.005	0.2	2.53	18	<10	190	1.1	<2	0.39	<0.5	18	28	63	5.48	10	<1	0.06	20	0.75	1080	1
SE006286	<0.005	<0.2	2.57	33	<10	170	0.9	<2	0.18	<0.5	26	20	112	5.88	10	<1	0.06	30	0.83	1140	1
SE006287	0.048	<0.2	3.03	15	<10	190	1.3	2	0.23	<0.5	21	47	68	5.96	10	<1	0.06	20	1.22	1285	1
SE006288	<0.005	<0.2	3.09	16	<10	180	1.4	<2	0.34	<0.5	22	44	67	5.39	10	<1	0.06	20	1.3	997	1
SE006289	<0.005	<0.2	2.19	34	<10	160	0.7	<2	0.33	<0.5	26	23	62	5.53	<10	<1	0.07	20	0.92	1050	2
SE006290	<0.005	<0.2	3.82	15	<10	150	3.8	<2	0.35	<0.5	12	27	20	5.12	20	<1	0.05	30	0.65	1020	1
SE006291	<0.005	<0.2	3.21	27	<10	120	2.8	<2	0.23	<0.5	16	32	45	5.21	20	1	0.05	40	0.66	995	1
SE006292	<0.005	<0.2	2.25	17	<10	160	0.8	<2	0.27	<0.5	12	24	39	4.76	10	<1	0.05	10	0.39	937	1
SE006293	<0.005	<0.2	1.78	59	<10	110	0.7	<2	0.15	<0.5	10	24	52	5.05	10	<1	0.05	20	0.27	735	2
SE006294	0.026	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SE006295	0.005	<0.2	1.88	12	<10	240	1.7	2	2.44	<0.5	9	16	52	3.24	10	<1	0.04	30	0.43	915	<1
SE006296	<0.005	0.2	2.39	21	<10	230	1.8	<2	0.86	<0.5	18	19	80	5.45	10	<1	0.06	40	0.74	1315	1
SE006297	<0.005	<0.2	2.75	16	<10	230	1.7	<2	0.92	<0.5	21	36	123	6.32	10	<1	0.05	30	1.06	1480	1
SE006298	0.012	0.3	1.66	49	<10	250	0.9	2	0.63	<0.5	24	27	476	10.55	10	<1	0.05	30	0.75	3350	2
SE006299	<0.005	<0.2	2.2	26	<10	220	0.9	<2	0.27	<0.5	22	15	93	6.08	<10	<1	0.06	30	0.68	1325	1
SE006300	0.005	0.2	2.77	8	<10	190	2.2	<2	0.54	<0.5	20	36	41	4.94	10	1	0.05	30	1.43	1070	2
SE006301	<0.005	<0.2	2.67	19	<10	140	1	<2	0.25	<0.5	23	42	55	5.38	10	1	0.04	20	0.96	936	2
SE006302	0.022	<0.2	2.63	520	<10	110	1.4	<2	0.38	<0.5	24	26	151	5.77	10	1	0.05	30	0.91	947	2
SE006303	0.389	0.5	2.29	4090	<10	120	0.9	2	0.41	<0.5	45	23	575	7.26	10	1	0.04	30	0.89	943	2
SE006304	0.025	<0.2	2.39	803	<10	100	1.6	<2	0.46	<0.5	19	31	148	5.92	10	1	0.05	20	0.51	1050	2
SE006305	0.034	<0.2	2.6	648	<10	110	1.6	<2	0.25	<0.5	26	25	236	5.88	10	<1	0.05	30	0.77	1135	3
SE006306	0.015	<0.2	3.14	97	<10	60	1.7	<2	0.11	<0.5	10	25	66	5.05	20	1	0.05	20	0.38	736	3
SE006307	0.014	<0.2	2.59	105	<10	190	0.8	<2	0.21	<0.5	24	27	136	5.57	<10	1	0.05	30	1.07	1075	2
SE006308	<0.005	<0.2	3	25	<10	150	2.3	<2	0.61	<0.5	16	23	74	5.04	10	1	0.05	40	0.71	1305	2
SE006309	<0.005	<0.2	2.74	10	<10	140	2.1	<2	0.64	<0.5	10	25	32	4.56	10	1	0.04	30	0.4	1240	2
SE006310	0.005	<0.2	2.53	22	<10	140	0.9	<2	0.21	<0.5	20	22	55	5.34	<10	1	0.04	30	0.84	1065	1
SE006311	<0.005	<0.2	1.94	8	<10	110	0.9	<2	0.78	<0.5	14	19	29	4.71	10	1	0.04	20	0.51	1925	<1
SE006312	0.005	<0.2	2.19	25	<10	150	1.1	<2	0.3	<0.5	21	20	70	5.17	10	1	0.05	30	0.73	1180	1
SE006313	<0.005	<0.2	3.02	13	<10	160	1.6	<2	0.21	<0.5	18	36	49	4.79	10	1	0.06	20	0.84	855	1
SE006314	0.015	0.2	2.06	192	<10	90	1	<2	0.1	<0.5	23	16	151	6.09	<10	<1	0.05	30	0.47	1050	2
SE006315	0.015	<0.2	2.73	110	<10	120	1.1	<2	0.17	<0.5	22	30	246	5.94	10	1	0.04	20	1.01	1040	2
SE006466	0.006	<0.2	2.69	32	<10	400	0.8	2	0.32	<0.5	29	42	102	6.27	10	<1	0.07	10	1.42	1435	2
SE006467	0.008	<0.2	2.87	22	<10	360	0.8	<2	0.24	<0.5	22	51	89	5.14	10	<1	0.08	10	1.34	1070	1
SE006468	0.008	<0.2	2.89	19	<10	250	0.7	2	0.23	<0.5	26	42	108	5.39	10	<1	0.08	20	1.62	1365	1
SE006469	0.005	<0.2	2.8	12	<10	320	0.8	<2	0.59	<0.5	18	43	77	4.99	10	<1	0.07	10	1.31	1045	1
SE006470	0.005	<0.2	2.98	15	<10	140	0.7	2	0.15	<0.5	25	39	92	5.55	10	<1	0.05	20	1.4	1065	1

SE006242	0.01	49	1250	14	0.06	<2	5	16	<20	0.15	<10	<10	68	<10	119
SE006243	0.01	37	1300	15	0.07	<2	5	11	<20	0.15	<10	<10	60	<10	122
SE006244	0.03	28	1110	12	0.09	<2	2	21	<20	0.15	<10	<10	49	<10	79
SE006263	<0.01	48	1260	7	0.16	<2	5	47	<20	0.17	<10	<10	59	<10	75
SE006264	0.01	26	1410	10	0.01	<2	9	23	<20	0.03	<10	<10	66	<10	73
SE006265	0.01	30	810	10	0.02	2	4	13	<20	0.05	<10	<10	63	<10	62
SE006266	0.01	34	1600	9	0.09	<2	5	39	<20	0.12	<10	<10	68	<10	90
SE006267	0.03	51	860	8	0.07	<2	8	42	<20	0.22	<10	<10	63	<10	94
SE006268	0.01	24	1280	8	0.06	2	4	33	<20	0.04	<10	<10	56	<10	68
SE006269	0.02	26	1620	10	0.08	<2	10	39	<20	0.08	<10	<10	80	<10	183
SE006270	0.01	22	700	10	0.02	2	15	18	<20	0.02	<10	<10	78	<10	56
SE006271	0.01	37	1070	9	0.04	2	5	14	<20	0.1	<10	<10	67	<10	74
SE006272	0.01	20	920	8	0.05	<2	3	10	<20	0.07	<10	<10	70	<10	65
SE006273	0.02	28	1730	7	0.11	<2	18	39	<20	0.05	<10	<10	93	<10	65
SE006274	0.01	18	970	8	0.07	2	3	10	<20	0.06	<10	<10	66	<10	67
SE006275	0.07	60	1020	5	0.05	<2	4	22	<20	0.46	<10	<10	72	<10	99
SE006276	0.04	56	1150	8	0.06	<2	5	21	<20	0.3	<10	<10	72	<10	98
SE006277	0.02	44	1240	12	0.04	2	6	21	<20	0.1	<10	<10	68	<10	86
SE006278	0.01	33	1050	12	0.03	2	4	16	<20	0.06	<10	<10	63	<10	75
SE006279	0.01	20	920	10	0.04	2	3	10	<20	0.02	<10	<10	55	<10	56
SE006280	0.01	29	1450	10	0.08	<2	4	25	<20	0.07	<10	<10	65	<10	66
SE006281	0.03	59	1000	8	0.06	2	8	19	<20	0.26	<10	<10	66	<10	82
SE006282	0.02	49	1060	11	0.06	3	6	23	<20	0.15	<10	<10	61	<10	75
SE006283	0.01	27	1060	10	0.04	<2	4	17	<20	0.03	<10	<10	58	<10	57
SE006284	0.01	20	860	7	0.01	<2	7	12	<20	0.01	<10	<10	50	<10	41
SE006285	0.01	27	1650	10	0.09	<2	3	30	<20	0.07	<10	<10	68	<10	73
SE006286	0.01	24	1110	10	0.03	<2	4	15	<20	0.02	<10	<10	63	<10	59
SE006287	0.02	68	1090	10	0.05	<2	12	16	<20	0.16	<10	<10	68	<10	97
SE006288	0.02	60	1130	10	0.03	<2	6	15	<20	0.19	<10	<10	69	<10	124
SE006289	0.01	26	730	13	0.02	<2	3	17	<20	0.03	<10	<10	57	<10	74
SE006290	0.04	34	1070	10	0.1	<2	3	18	<20	0.25	<10	<10	50	<10	130
SE006291	0.03	37	1010	12	0.1	<2	4	13	<20	0.25	<10	<10	64	<10	92
SE006292	0.01	13	1220	25	0.08	<2	2	25	<20	0.1	<10	<10	94	<10	84
SE006293	0.01	12	1090	14	0.1	<2	1	15	<20	0.09	<10	<10	104	<10	82
SE006294	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SE006295	0.03	18	1460	8	0.21	<2	2	91	<20	0.08	<10	<10	29	<10	85
SE006296	0.02	25	970	12	0.08	<2	5	42	<20	0.08	<10	<10	45	<10	76
SE006297	0.03	43	1180	8	0.1	<2	10	46	<20	0.17	<10	<10	74	<10	88
SE006298	0.02	34	1270	8	0.08	<2	20	34	<20	0.08	<10	<10	106	<10	58
SE006299	0.01	19	830	10	0.02	<2	5	21	<20	0.01	<10	<10	48	<10	52
SE006300	0.05	84	850	10	0.07	<2	5	25	<20	0.35	<10	<10	58	<10	94
SE006301	0.01	51	1250	14	0.09	<2	4	17	<20	0.15	<10	<10	68	<10	82
SE006302	0.01	37	810	10	0.06	<2	4	21	<20	0.09	<10	<10	58	<10	92
SE006303	0.01	35	910	9	0.06	<2	6	25	<20	0.08	<10	<10	61	<10	75
SE006304	0.01	27	1530	8	0.14	<2	3	25	<20	0.13	<10	<10	66	<10	114
SE006305	0.02	36	1060	8	0.07	<2	5	15	<20	0.14	<10	<10	56	<10	79
SE006306	0.03	19	980	10	0.1	<2	3	7	<20	0.15	<10	<10	47	<10	89
SE006307	0.01	36	830	9	0.02	<2	7	17	<20	0.06	<10	<10	61	<10	78
SE006308	0.01	28	1170	13	0.08	<2	3	38	<20	0.08	<10	<10	49	<10	98
SE006309	0.02	20	1670	12	0.13	<2	1	59	<20	0.08	<10	<10	47	<10	76
SE006310	0.01	32	910	13	0.04	<2	4	20	<20	0.07	<10	<10	51	<10	73
SE006311	0.01	20	1450	10	0.07	<2	3	43	<20	0.1	<10	<10	43	<10	74
SE006312	0.01	30	930	9	0.03	<2	4	19	<20	0.05	<10	<10	47	<10	64
SE006313	0.02	48	960	10	0.07	<2	4	16	<20	0.13	<10	<10	57	<10	93
SE006314	0.01	23	1150	7	0.07	<2	2	10	<20	0.03	<10	<10	43	<10	59
SE006315	0.01	47	670	9	0.06	<2	5	12	<20	0.17	<10	<10	60	<10	83
SE006466	0.03	54	1270	6	0.08	<2	10	21	<20	0.12	<10	<10	70	<10	71
SE006467	0.03	61	1130	7	0.06	<2	6	18	<20	0.11	<10	<10	75	<10	73
SE006468	0.02	54	1120	6	0.03	<2	9	14	<20	0.12	<10	<10	77	<10	77
SE006469	0.03	41	1490	5	0.08	<2	6	28	<20	0.08	<10	<10	76	<10	74
SE006470	0.02	45	1140	6	0.04	<2	8	9	<20	0.11	<10	<10	80	<10	66

SE006471	444903	6414847	TL 10500E, 93+75N	b	60	25	brn		5	tundra			5		ML	
SE006472	444917	6414826	TL 10500E, 93+50N	b	70	30	brn		10	tundra			5		ML	
SE006473	444926	6414823	TL 10500E, 93+25N	b	70	20	brn		5	tundra			5		ML	
SE006474	444934	6414779	TL 10500E, 93+00N	b	70	5	brn		5	tundra			5		ML	
SE006475	444939	6414750	TL 10500E, 92+75N	b	50	5	brn		5	tundra			5		ML	
SE006476	444949	6414727	TL 10500E, 92+50N	b	60	5	brn		5	tundra			5		ML	
SE006477	444961	6414711	TL 10500E, 92+25N	b	50	5	brn		10	tundra			5		ML	
SE006478	444966	6414688	TL 10500E, 92+00N	b	40	20	brn		10	tundra			5		ML	
SE006479	444978	6414698	TL 20G00E, 91+75N	b	70	10	br brn or		15	tundra			5		ML	
SE006480	444988	6414646	TL 10500E, 91+50N	b	50	20	brn		0	tundra			10		ML	
SE006481	445004	6414618	TL 10500E, 91+25N	b	60	10	br brn or		5	tundra			5		ML	
SE006482	445009	6414600	TL 10500E, 91+00N	b	50	20	brn		5	tundra			5		ML	
SE006483	445017	6414823	TL 10500E, 90+75N	b	50	20	brn		5	tundra			5		ML	
SE006484	445025	6414555	TL 10500E, 90+50N	b	50	30	or brn or		5	tundra			5		ML	
SE006485	444920	6414823	L 9400N, 105+25E	b	40	20	brn		5	tdndra			5		ML	
SE006486	444944	6414886	L 9400N, 105+50E	b	50	15	orbrn		10	tundra			5		ML	
SE006487	444872	6414823	L 9400N, 104+75E	b	60	20	brn		5	tundra			5		ML	
SE006488	444849	6414850	L 9400N, 104+50E	b	40	15	brn		5	tundra			5		ML	
SE006489	444825	6414842	L9400N, 104+25E	b	80	20	brn		5	tdndra			5		ML	
SE006490	444804	6414838	L 9400N, 104+00E	b	60	25	brn		5	tundra			5		ML	
SE006491	444781	6414823	L 9400N, 103+75E	b	50	5	brn		5	tundra			10		ML	
SE006492	444998	6414691	L 9200N 105+25E	b	50	5	brn		2	tundra			5		ML	
SE006493	445014	6414823	L 9200N, 105+50E	b	50	20	brn		2	tundra			5		ML	
SE006494	444940	6414676	L 9200N, 104+75E	b	50	25	brn		10	tundra			10		ML	
SE006495	444921	6414698	L 9200N, 104+50E	b	50	10	brngryor		15	tundra			5		ML	
SE006496	444892	6414665	L 9200N, 104+25E	b	50	30	brn		5	tundra			5		ML	
SE006497	444873	6414648	L 9200N, 104+00E	b	60	35	brbrn		5	tdndra			5		ML	
SE006498	444853	6414635	L 9200N, 103+75E	b	60	20	brnorgry		10	tundra			5		ML	
SE006499	444831	6414633	L 9200N, 103+50E	b	60	35	brgry		15	tundra			2		ML	
SE005767	444816	6414613	L 9200N, 103+25E	b	50	40	brnorgry		10	tundra			2	23-Jun	Craig	
SE005751	445072	6414868	L 10560E, 89+50N	B	20	gentle	br-brn	No	10	alpine			10	23-Jun	Craig	
SE005752	445060	6414484	L 10500E, 89+75N	B	30	gentle	or-brn	No	15	alpine			5	23-Jun	Craig	
SE005753	445048	6414698	L 10500E, 90+00N	B	25	gentle	br-brn	No	20	alpine			5	23-Jun	Craig	
SE005754	445036	6414532	L 10500E, 90+25N	B	20	gentle	brown	No	25	alpine			10	23-Jun	Craig	
SE005755	444989	6414698	L9400N, 106+00E	B	25	gentle	trown	No	25	tlpine			5	23-Jun	Craig	
SE005756	444966	6414894	L9400N, 105+75E	B	20	gentle	or-brn	No	15	alpine			10	23-Jun	Craig	
SE005757	444717	6414798	L9400N, 103+00E	B	25	gentle	brown	No	28	alpine			10	23-Jun	Craig	
SE005758	444738	6414801	L9400N, 103+25E	B	20	gentle	or-brn	No	10	alpine			5	23-Jun	Craig	
SE005759	444759	6414813	L9400N, 103+50E	B	25	gentle	br-brn	No	20	alpine			5	23-Jun	Craig	
SE005760	445062	6414711	L9200N, 106+00E	B	20	gentle	brown	No	10	alpine			10	23-Jun	Craig	
SE005761	445038	6414803	L9200N, 105+75E	B	20	moderate	trown	No	25	alpine			10	23-Jun	Craig	
SE005762	444714	6414570	L9200N, 102+00E	B	30	steep	brown	No	20	alpine			5	23-Jun	Craig	
SE005763	444734	6414698	L9400N, 102+25E	B	80	steep	brk. Brn	No	25	alpine			10	23-Jun	Craig	
SE005764	444754	6414590	L9200N, 102+50E	B	25	steep	brown	No	20	alpine			10	23-Jun	Craig	
SE005765	444774	6414698	L9400N, 102+75E	B	20	moderate	tan	No	28	alpine			10	23-Jun	Craig	
SE005766	444795	6414611	L9200N, 103+00E	B	25	steep	or-brn	No	25	alpine			5	23-Jun	Craig	

SE006471	<0.005	<0.2	2.85	14	<10	190	1	2	0.22	<0.5	22	53	48	5.17	10	<1	0.06	10	1.27	1080	1
SE006472	0.005	<0.2	2.98	21	<10	170	0.9	<2	0.2	<0.5	25	46	144	5.58	10	<1	0.05	20	1.63	1055	1
SE006473	0.008	<0.2	2.74	20	<10	150	0.9	<2	0.2	<0.5	22	36	109	5.46	10	<1	0.06	20	1.25	994	1
SE006474	0.006	<0.2	3.23	20	<10	200	1.2	<2	0.27	<0.5	25	45	76	5.36	10	<1	0.06	20	1.36	1015	2
SE006475	0.007	<0.2	3.49	4	<10	180	2.9	2	0.48	<0.5	20	38	48	5.51	10	<1	0.07	30	1.35	994	2
SE006476	0.005	<0.2	2.84	22	<10	140	1.5	2	0.2	<0.5	22	33	83	5.5	10	<1	0.07	30	1.13	1115	3
SE006477	<0.005	<0.2	2.69	30	<10	170	1.2	<2	0.2	<0.5	23	29	107	5.67	10	<1	0.07	40	1.12	1250	2
SE006478	0.006	<0.2	1.69	44	<10	50	0.7	2	0.15	<0.5	25	12	157	6.51	<10	<1	0.03	30	0.68	734	8
SE006479	<0.005	<0.2	2.36	28	<10	670	1.5	<2	0.5	<0.5	16	21	132	5.23	<10	<1	0.06	60	0.6	950	3
SE006480	0.007	<0.2	3.94	18	<10	140	3.1	<2	0.16	<0.5	9	27	24	5.12	20	<1	0.06	50	0.47	830	2
SE006481	0.005	<0.2	2.42	31	<10	170	1.1	<2	0.21	<0.5	24	25	86	6.14	10	<1	0.06	30	1.04	1760	3
SE006482	<0.005	<0.2	3.41	15	<10	120	1.8	<2	0.22	<0.5	15	36	30	5.42	20	<1	0.06	30	0.75	833	3
SE006483	<0.005	0.2	3.16	16	<10	230	2.1	<2	0.34	<0.5	20	38	42	5.15	10	<1	0.06	30	1.22	1070	2
SE006484	<0.005	<0.2	2.63	25	<10	100	0.9	<2	0.08	<0.5	21	29	72	5.32	10	<1	0.06	20	1.01	1105	3
SE006485																					
SE006486	0.005	<0.2	2.77	14	<10	280	0.9	<2	0.52	<0.5	19	48	52	4.73	10	<1	0.06	10	1.37	991	1
SE006487	<0.005	0.2	2.78	18	<10	200	0.9	<2	0.14	<0.5	21	45	34	5.16	10	<1	0.06	10	1.26	1200	2
SE006488	<0.005	0.2	3.46	14	<10	210	1.9	<2	0.34	<0.5	21	44	46	4.96	10	<1	0.05	20	1.25	935	1
SE006489	0.024	0.2	2.92	15	<10	130	2.4	<2	0.16	<0.5	14	26	44	4.75	20	<1	0.07	30	0.69	1110	3
SE006490	<0.005	0.2	2.57	27	<10	180	1.2	<2	0.16	<0.5	23	30	71	5.67	10	<1	0.06	20	1.02	1335	2
SE006491	0.008	<0.2	2.7	24	<10	170	1	<2	0.15	<0.5	22	38	59	5.2	10	<1	0.06	20	1.08	1165	2
SE006492	0.007	0.3	2.75	15	<10	100	2.3	<2	0.28	<0.5	6	19	19	4.22	20	<1	0.06	30	0.27	623	3
SE006493	<0.005	<0.2	3.92	18	<10	490	5.8	<2	0.22	<0.5	9	16	28	5	20	<1	0.09	60	0.33	1270	3
SE006494	<0.005	0.2	3.07	15	<10	210	1.8	<2	0.6	<0.5	17	41	53	4.98	10	<1	0.05	20	0.98	930	1
SE006495	0.006	0.2	1.98	42	<10	80	0.9	<2	0.17	0.2	19	13	100	5.55	10	<1	0.04	30	0.72	1160	3
SE006496	0.007	<0.2	2.32	56	<10	100	0.8	<2	0.14	<0.5	31	23	116	6.04	10	<1	0.04	20	0.97	1115	4
SE006497	0.012	0.2	2.56	26	<10	120	1	<2	0.11	<0.5	19	28	34	5.09	10	<1	0.05	20	0.9	1005	2
SE006498	0.009	0.2	1.23	31	<10	110	0.5	<2	0.52	<0.5	19	9	97	7.61	<10	<1	0.03	20	0.5	1555	9
SE006499	0.025	0.2	2.79	33	<10	90	0.5	2	0.14	<0.5	71	6	36	4.3	<10	<1	0.03	30	0.15	628	4
SE005767	0.023	<0.2	1.2	42	<10	90	0.7	<2	0.96	<0.5	27	8	47	5.19	<10	<1	0.05	30	0.39	984	1
SE005751	<0.005	0.2	1.75	9	<10	120	0.9	<2	0.16	<0.5	7	28	36	4.57	20	1	0.05	10	0.28	673	2
SE005752	<0.005	<0.2	2.1	17	<10	140	0.7	<2	0.11	<0.5	15	44	35	6.21	10	<1	0.05	10	0.96	818	2
SE005753	<0.005	<0.2	2.46	17	<10	250	0.7	<2	0.16	<0.5	16	51	43	5.74	10	<1	0.05	20	1.08	607	1
SE005754	0.01	0.4	1.29	6	<10	160	<0.5	<2	0.08	0.5	6	25	31	3.29	10	<1	0.04	10	0.21	412	2
SE005755	<0.005	<0.2	2.51	11	<10	180	1	<2	0.2	<0.5	17	54	25	4.24	10	<1	0.06	10	1.1	623	<1
SE005756	<0.005	<0.2	3.45	15	<10	290	4.5	<2	0.13	<0.5	6	21	12	4.66	20	<1	0.08	40	0.33	835	3
SE005757	0.011	<0.2	2.08	24	<10	110	1.2	<2	0.12	<0.5	31	30	27	5.63	10	1	0.05	20	0.61	930	1
SE005758	0.016	<0.2	1.8	34	<10	130	0.8	<2	0.11	<0.5	68	13	69	5.76	<10	<1	0.06	20	0.43	899	4
SE005759	0.008	<0.2	3.07	18	<10	180	1.5	<2	0.46	<0.5	23	35	36	5.02	10	<1	0.06	20	1.12	883	1
SE005760	0.01	<0.2	2.73	42	<10	200	0.6	<2	0.22	<0.5	20	44	73	5.42	10	1	0.05	10	1.21	777	1
SE005761	0.023	<0.2	2.24	59	<10	300	0.7	<2	0.4	<0.5	19	59	43	5.7	10	<1	0.07	10	0.94	1780	1
SE005762	0.006	<0.2	1.86	26	<10	80	0.8	<2	0.19	<0.5	18	17	48	5.52	<10	<1	0.04	40	0.61	975	1
SE005763	0.007	0.2	1.65	22	<10	130	0.6	<2	0.14	<0.5	12	25	35	4.76	<10	<1	0.06	20	0.4	807	1
SE005764	0.011	<0.2	1.69	12	<10	220	0.8	<2	0.31	<0.5	11	23	25	4.44	10	<1	0.07	20	0.3	1195	1
SE005765	0.012	<0.2	0.87	22	<10	50	0.5	<2	0.46	<0.5	12	4	32	3.03	<10	<1	0.07	30	0.27	391	2
SE005766	0.011	<0.2	0.88	43	<10	90	0.7	<2	0.98	<0.5	25	5	100	4.55	<10	<1	0.07	50	0.29	1085	1

SE006471	0.03	63	1070	9	0.06	<2	6	13	<20	0.19	<10	<10	84	<10	95
SE006472	0.02	46	850	9	0.02	<2	11	14	<20	0.08	<10	<10	100	<10	72
SE006473	0.02	42	880	8	0.04	<2	7	16	<20	0.06	<10	<10	87	<10	66
SE006474	0.03	64	1050	11	0.06	<2	6	16	<20	0.13	<10	<10	73	<10	107
SE006475	0.07	67	1000	6	0.04	<2	4	18	<20	0.43	<10	<10	69	<10	139
SE006476	0.03	42	1080	14	0.03	<2	6	16	<20	0.11	<10	<10	68	<10	105
SE006477	0.02	37	910	14	0.03	<2	6	19	<20	0.05	<10	<10	66	<10	85
SE006478	0.01	34	1190	19	0.02	<2	5	9	<20	0.01	<10	<10	22	<10	87
SE006479	0.04	19	1300	18	0.04	<2	6	25	<20	0.02	<10	<10	43	<10	114
SE006480	0.03	30	1560	14	0.14	<2	3	13	<20	0.12	<10	<10	43	<10	220
SE006481	0.02	36	960	13	0.03	<2	6	19	<20	0.06	<10	<10	65	<10	87
SE006482	0.04	37	1120	12	0.07	<2	4	10	<20	0.23	<10	<10	61	<10	121
SE006483	0.09	36	1020	11	0.06	<2	4	18	<20	0.26	<10	<10	63	<10	110
SE006484	0.02	37	770	19	0.06	<2	3	17	<20	0.05	<10	<10	70	<10	114
SE006485															
SE006486	0.03	70	870	8	0.06	<2	7	23	<20	0.13	<10	<10	71	<10	80
SE006487	0.02	57	980	8	0.08	<2	5	12	<20	0.12	<10	<10	76	<10	72
SE006488	0.04	67	1140	9	0.08	<2	5	17	<20	0.27	<10	<10	72	<10	97
SE006489	0.09	32	1100	13	0.1	<2	3	12	<20	0.12	<10	<10	50	<10	105
SE006490	0.02	43	1080	14	0.06	<2	4	16	<20	0.07	<10	<10	72	<10	79
SE006491	0.02	48	820	13	0.05	<2	4	18	<20	0.06	<10	<10	66	<10	87
SE006492	0.05	15	1390	13	0.11	<2	1	16	<20	0.07	<10	<10	32	<10	74
SE006493	0.07	21	760	16	0.08	<2	2	15	<20	0.2	<10	<10	23	<10	159
SE006494	0.04	57	1430	12	0.11	<2	5	26	<20	0.18	<10	<10	69	<10	104
SE006495	0.02	32	1380	20	0.09	<2	2	15	<20	0.09	<10	<10	37	<10	113
SE006496	0.02	37	1070	16	0.04	<2	5	12	<20	0.02	<10	<10	50	<10	90
SE006497	0.02	32	940	16	0.07	<2	2	16	<20	0.06	<10	<10	61	<10	98
SE006498	0.02	32	1030	16	0.06	<2	5	29	<20	0.01	<10	<10	25	<10	44
SE006499	0.01	32	1100	10	0.02	<2	3	9	<20	0.09	<10	<10	17	<10	32
SE005767	0.01	16	1390	9	0.05	<2	4	29	<20	0.01	<10	<10	24	<10	29
SE005751	0.02	19	780	14	0.06	<2	3	18	<20	0.28	<10	<10	89	<10	58
SE005752	0.02	40	540	13	0.04	<2	4	12	<20	0.22	<10	<10	86	<10	91
SE005753	0.02	48	710	12	0.06	<2	5	17	<20	0.22	<10	<10	93	<10	73
SE005754	0.01	13	1080	14	0.09	<2	1	11	<20	0.08	<10	<10	78	<10	55
SE005755	0.02	70	860	9	0.06	<2	4	18	<20	0.12	<10	<10	69	<10	75
SE005756	0.05	19	1330	13	0.1	<2	2	6	<20	0.11	<10	<10	29	<10	133
SE005757	0.02	36	1180	12	0.07	<2	3	7	<20	0.11	<10	<10	54	<10	63
SE005758	0.01	31	760	9	0.04	<2	5	7	<20	<0.01	<10	<10	35	<10	36
SE005759	0.03	32	1260	8	0.1	<2	5	29	<20	0.19	<10	<10	56	<10	127
SE005760	0.02	32	1440	7	0.11	<2	2	13	<20	0.03	<10	<10	93	<10	58
SE005761	0.02	44	2280	11	0.16	<2	3	28	<20	0.09	<10	<10	96	<10	109
SE005762	0.01	19	1230	9	0.06	<2	2	16	<20	0.04	<10	<10	43	<10	62
SE005763	0.02	9	1250	8	0.09	<2	1	18	<20	0.02	<10	<10	51	<10	76
SE005764	0.01	9	1740	11	0.13	<2	<1	25	<20	0.03	<10	<10	69	<10	61
SE005765	0.02	9	1510	5	0.05	<2	3	17	<20	0.02	<10	<10	19	<10	43
SE005766	0.01	12	1500	6	0.05	<2	6	30	<20	0.01	<10	<10	21	<10	28

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

Sample No.	Easting	Northing	% Fines	Colour	Stream Grade	Stream Width	Date	Sampler	Comments
TE006245	444163	6413985	20	gry	50	10		ML	confluence of other creek
TE006246	444163	6413992	10	gry	50	15		ML	main crk
TE006247	444252	6414065	15	gry	50	15		ML	main crk
TE006248	444355	6414080	25	gry	50	20		ML	
TE006249	444433	6414128	15	gry	50	40		ML	
TE006250	444525	6414189	20	gry	50	30		ML	
TE006251	444578	6414290	15	gry	50	10		ML	
TE006252	444630	6414392	20	gry	10	15		ML	
TE006253	444622	6414482	25	gry	20	20		ML	
TE006254	444560	6414554	20	gry	30	10		ML	
TE006255	444533	6414668	30	gry	30	20		ML	
TE006256	444588	6414754	25	gry	30	10		ML	
TE006257	444626	6414836	30	gry	20	20		ML	
TE006258	444636	6414974	30	gry	5	15		ML	
TE006259	444660	6415047	35	gry	75	8		ML	
TE006260	444679	6415138	30	gry	80	4		ML	
TE006261	444688	6415267	5	brn	0	1		ML	50m from lake
TE006262	444680	6415273	2	red	2	1		ML	soil bank
TE006448	445227	6414632	60	lt brn	Steep	0.7	Jun-23	CS	Mossmat; several sites
TE006449	445228	6414482	45	gry-brn	Steep	2.0	Jun-23	CS	Rare silt, includes one plunge pool
TE006450	445228	6414354	50	gry-grn	Mod-st	1.5	Jun-23	CS	Rare silt; mostly bank silt

All-Terrane Mineral Exploration Services

SILT SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
TE006245	0.009	<0.2	2.13	37	<10	130	0.5	<2	0.61	<0.5	25	17	140	5.39	<10	1	0.04	20	1.23	838	2
TE006246	0.009	<0.2	1.83	43	<10	60	<0.5	<2	1.77	<0.5	24	10	133	4.91	<10	1	0.04	10	0.96	773	2
TE006247	0.011	<0.2	1.8	43	<10	60	<0.5	<2	1.83	0.6	25	10	148	5.05	<10	1	0.04	20	0.93	794	2
TE006248	0.011	0.2	1.8	43	<10	60	<0.5	<2	1.7	<0.5	25	11	127	5.06	<10	1	0.04	10	0.95	753	2
TE006249	0.012	0.2	1.77	40	<10	50	<0.5	<2	1.55	0.5	25	10	125	4.96	<10	1	0.03	10	0.94	719	2
TE006250	0.015	0.2	1.74	44	<10	60	<0.5	<2	1.52	0.6	29	10	149	5.2	<10	1	0.04	10	0.91	806	2
TE006251	0.015	<0.2	1.78	40	<10	60	<0.5	<2	1.5	0.5	27	10	149	5.14	<10	<1	0.04	10	0.94	764	2
TE006252	0.017	0.2	1.67	49	<10	50	0.5	<2	1.68	<0.5	29	9	142	5.2	<10	1	0.04	10	0.85	743	2
TE006253	0.009	<0.2	1.92	47	<10	70	0.5	<2	1.11	0.5	30	12	153	5.47	<10	1	0.05	20	0.98	899	3
TE006254	0.006	<0.2	1.9	36	<10	60	<0.5	<2	1.22	<0.5	28	12	139	5.32	<10	1	0.06	20	1	827	2
TE006255	0.005	<0.2	1.91	34	<10	70	0.5	<2	1.1	<0.5	30	12	142	5.33	<10	<1	0.06	20	0.97	1015	2
TE006256	<0.005	<0.2	2	29	<10	70	0.5	<2	1.12	<0.5	27	14	112	5.12	<10	1	0.07	20	1.05	908	2
TE006257	0.006	<0.2	2.05	23	<10	70	0.5	<2	0.95	<0.5	26	15	108	5.04	<10	<1	0.07	10	1.07	915	2
TE006258	0.014	<0.2	2.15	31	<10	90	0.5	<2	0.91	<0.5	32	16	135	5.49	<10	1	0.07	20	1.1	982	3
TE006259	<0.005	<0.2	2.01	31	<10	140	0.6	<2	0.65	<0.5	33	38	132	5.68	<10	1	0.04	10	1.28	1485	2
TE006260	0.005	0.2	2.03	40	<10	150	0.7	<2	0.7	<0.5	32	50	109	5.22	10	1	0.06	10	1.12	1295	2
TE006261	<0.005	<0.2	1.96	23	<10	230	1.2	<2	0.85	0.5	21	33	43	4.37	10	1	0.12	20	0.62	1745	1
TE006262	<0.005	1.8	0.96	365	<10	780	<0.5	<2	0.88	<0.5	41	14	734	38.7	<10	1	0.02	10	0.64	22700	22
TE006448	0.006	<0.2	2.34	21	<10	200	0.8	2	0.81	0.5	20	46	66	4.2	10	<1	0.06	10	1.24	842	1
TE006449	0.018	<0.2	2.45	45	<10	230	0.8	3	1.29	<0.5	31	44	192	5.43	10	1	0.07	20	1.38	1615	1
TE006450	0.015	<0.2	2.21	35	<10	190	0.7	3	0.88	0.5	27	38	148	4.89	10	1	0.07	20	1.28	1305	1

All-Terrane Mineral Exploration Services

SILT SAMPLE RESULTS SHEET

Summit B (Kitty) Block
2010 Project, Solitaire Minerals Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
TE006245	0.01	32	1030	10	0.08	<2	5	29	<20	0.02	<10	<10	53	<10	82
TE006246	0.01	20	1300	8	0.29	<2	5	49	<20	<0.01	<10	<10	42	<10	76
TE006247	0.01	21	1340	10	0.29	<2	5	52	<20	<0.01	<10	<10	42	<10	80
TE006248	0.01	23	1260	10	0.38	<2	5	50	<20	<0.01	<10	<10	42	<10	78
TE006249	0.01	22	1220	8	0.38	<2	5	45	<20	<0.01	<10	<10	41	<10	76
TE006250	0.01	23	1270	9	0.31	<2	5	45	<20	<0.01	<10	<10	41	<10	79
TE006251	0.01	23	1270	9	0.35	<2	5	44	<20	<0.01	<10	<10	41	<10	77
TE006252	0.01	24	1390	10	0.26	2	6	45	<20	<0.01	<10	<10	41	<10	74
TE006253	0.01	24	1360	11	0.29	<2	5	42	<20	<0.01	<10	<10	44	<10	90
TE006254	0.01	22	1320	9	0.48	<2	5	44	<20	0.01	<10	<10	46	<10	81
TE006255	0.01	22	1320	11	0.3	<2	6	41	<20	<0.01	<10	<10	44	<10	79
TE006256	0.01	21	1330	8	0.44	<2	5	43	<20	0.01	<10	<10	47	<10	69
TE006257	0.01	22	1270	9	0.44	<2	5	38	<20	0.01	<10	<10	47	<10	71
TE006258	0.01	25	1410	13	0.59	<2	6	36	<20	0.01	<10	<10	51	<10	75
TE006259	0.01	40	1280	10	0.19	<2	9	25	<20	0.03	<10	<10	63	<10	72
TE006260	0.01	87	1390	6	0.12	<2	9	26	<20	0.05	<10	<10	64	<10	64
TE006261	0.05	42	1520	7	0.18	<2	5	37	<20	0.24	<10	<10	69	<10	108
TE006262	0.01	87	1720	17	0.01	3	30	73	<20	0.01	<10	<10	366	<10	33
TE006448	0.01	59	1120	5	0.1	4	6	32	<20	0.12	<10	<10	59	<10	110
TE006449	0.02	58	1170	7	0.08	3	10	50	<20	0.12	<10	<10	68	<10	102
TE006450	0.02	52	1170	8	0.09	2	9	50	<20	0.1	<10	<10	64	<10	100

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
This copy reported on 13-JUL-2010
Account: SOMIIN

CERTIFICATE VA10088603

Project: Summit Blocks

P.O. No.:

This report is for 138 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2010.

The following have access to data associated with this certificate:

CHARLES DESJARDINS	CARL SCHULZE	

SAMPLE PREPARATION

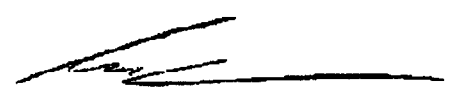
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both
EXTRA-01	Extra Sample received in Shipment

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **SOLITAIRE MINERALS INC.**
ATTN: CARL SCHULZE
35 DAWSON ROAD
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: **SOLITAIRE MINERALS INC.**
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VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE006451		0.46	<0.005	<0.2	2.52	9	<10	260	0.7	<2	0.24	<0.5	9	54	29	3.89
SE006452		0.36	<0.005	<0.2	1.95	5	<10	190	1.3	<2	0.21	<0.5	7	32	20	2.88
SE006453		0.32	<0.005	<0.2	1.72	5	<10	220	<0.5	<2	0.23	<0.5	7	45	16	3.01
SE006454		0.34	<0.005	<0.2	2.98	6	<10	190	1.5	<2	0.34	<0.5	8	45	20	3.94
SE006455		0.44	<0.005	<0.2	3.22	6	<10	200	1.2	<2	0.32	<0.5	14	55	31	4.26
SE006456	Summit West	0.38	<0.005	<0.2	3.20	10	<10	200	0.7	2	0.10	<0.5	10	58	28	4.61
SE006457		0.44	<0.005	<0.2	3.46	8	<10	90	3.4	2	0.08	<0.5	14	62	29	4.77
SE006458		0.46	<0.005	<0.2	2.23	8	<10	190	1.3	2	0.32	<0.5	15	53	30	3.68
SE006459		0.32	<0.005	<0.2	1.81	3	<10	140	1.7	<2	0.52	0.5	8	16	11	3.81
SE006460		0.26	<0.005	<0.2	2.22	7	<10	130	0.5	<2	0.13	<0.5	7	43	16	4.47
SE006461		0.44	<0.005	<0.2	2.86	9	<10	310	0.8	<2	0.44	<0.5	14	62	35	4.09
SE006462		0.32	<0.005	<0.2	2.80	10	<10	130	0.5	<2	0.14	<0.5	10	61	36	4.46
SE006463		0.32	0.005	<0.2	3.50	8	<10	210	0.9	2	0.22	<0.5	17	87	41	4.49
SE006464		0.34	0.007	<0.2	3.75	12	<10	260	0.8	<2	0.14	<0.5	16	71	48	4.59
SE006465		0.34	0.006	<0.2	3.25	12	<10	160	0.7	<2	0.13	<0.5	12	61	45	4.19
SE006466		0.40	0.006	<0.2	2.69	32	<10	400	0.8	2	0.32	<0.5	29	42	102	6.27
SE006467		0.42	0.008	<0.2	2.87	22	<10	360	0.8	<2	0.24	<0.5	22	51	89	5.14
SE006468		0.44	0.008	<0.2	2.89	19	<10	250	0.7	2	0.23	<0.5	26	42	108	5.39
SE006469		0.42	0.005	<0.2	2.80	12	<10	320	0.8	<2	0.59	<0.5	18	43	77	4.99
SE006470		0.36	0.005	<0.2	2.98	15	<10	140	0.7	2	0.15	<0.5	25	39	92	5.55
SE006471		0.34	<0.005	<0.2	2.85	14	<10	190	1.0	2	0.22	<0.5	22	53	48	5.17
SE006472	Summit B	0.58	0.005	<0.2	2.98	21	<10	170	0.9	<2	0.20	<0.5	25	46	144	5.58
SE006473		0.46	0.008	<0.2	2.74	20	<10	150	0.9	<2	0.20	<0.5	22	36	109	5.46
SE006474		0.42	0.006	<0.2	3.23	20	<10	200	1.2	<2	0.27	<0.5	25	45	76	5.36
SE006475		0.42	0.007	<0.2	3.49	4	<10	180	2.9	2	0.48	<0.5	20	38	48	5.51
SE006476		0.40	0.005	<0.2	2.84	22	<10	140	1.5	2	0.20	<0.5	22	33	83	5.50
SE006477		0.34	<0.005	<0.2	2.69	30	<10	170	1.2	<2	0.20	<0.5	23	29	107	5.67
SE006478		0.44	0.006	<0.2	1.69	44	<10	50	0.7	2	0.15	<0.5	25	12	157	6.51
SE006479		0.40	<0.005	<0.2	2.36	28	<10	870	1.5	<2	0.50	<0.5	16	11	132	5.23
SE006480		0.34	0.007	<0.2	3.94	18	<10	140	3.1	<2	0.16	<0.5	9	27	24	5.12
SE006481		0.50	0.005	<0.2	2.42	31	<10	170	1.1	<2	0.21	<0.5	24	25	86	6.14
SE006482		0.38	<0.005	<0.2	3.41	15	<10	120	1.8	<2	0.22	<0.5	15	36	30	5.42
SE006483		0.40	<0.005	0.2	3.16	16	<10	230	2.1	<2	0.34	<0.5	20	35	42	5.15
SE006484		0.32	<0.005	<0.2	2.63	25	<10	100	0.9	<2	0.08	<0.5	21	29	72	5.32
SE006485		Not Recvd														
SE006486		0.44	0.005	<0.2	2.77	14	<10	280	0.9	<2	0.52	<0.5	19	48	52	4.73
SE006487		0.42	<0.005	0.4	2.78	18	<10	200	0.9	<2	0.14	<0.5	21	48	64	5.16
SE006488		0.44	<0.005	0.2	3.46	14	<10	210	1.9	<2	0.34	<0.5	21	44	46	4.96
SE006489		0.36	0.024	0.2	2.92	15	<10	130	2.4	<2	0.16	<0.5	14	26	44	4.75
SE006490		0.44	<0.005	0.2	2.57	27	<10	180	1.2	<2	0.16	<0.5	23	30	71	5.67

***** See Appendix Page for comments regarding this certificate *****

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE006451		10	<1	0.12	10	0.82	589	3	0.02	48	1200	25	0.02	<2	5	20
SE006452		10	<1	0.14	20	0.54	582	2	0.02	28	440	19	0.02	<2	2	18
SE006453		10	<1	0.08	10	0.58	298	3	0.02	29	350	13	0.01	<2	4	29
SE006454		20	<1	0.10	20	0.74	382	4	0.03	40	500	17	0.02	<2	4	34
SE006455		10	<1	0.16	30	0.83	1635	8	0.02	46	760	26	0.02	<2	7	24
SE006456		10	<1	0.09	10	0.81	608	2	0.02	42	1130	17	0.02	<2	6	10
SE006457	Summit West	10	<1	0.08	20	1.02	1295	2	0.02	51	890	29	0.03	<2	6	7
SE006458		10	<1	0.12	20	0.97	962	1	0.02	52	400	13	0.02	<2	8	22
SE006459		10	<1	0.24	20	0.37	927	1	0.02	13	1920	13	0.01	<2	4	28
SE006460		10	<1	0.07	<10	0.62	349	2	0.02	31	830	13	0.01	<2	5	9
SE006461		10	<1	0.11	10	1.06	1035	1	0.03	62	980	11	0.03	<2	4	21
SE006462		10	<1	0.07	<10	0.93	505	1	0.02	51	690	9	0.02	<2	5	10
SE006463		10	<1	0.11	10	1.62	625	1	0.02	60	1040	10	0.03	<2	4	15
SE006464		10	<1	0.11	10	1.34	607	1	0.03	64	440	8	0.01	<2	7	14
SE006465		10	<1	0.10	10	1.08	667	1	0.03	47	1040	8	0.04	<2	3	11
SE006466		10	<1	0.07	10	1.42	1435	2	0.03	54	1270	6	0.08	<2	10	21
SE006467		10	<1	0.08	10	1.34	1070	1	0.03	61	1130	7	0.06	<2	6	18
SE006468		10	<1	0.08	20	1.62	1365	1	0.02	54	1120	6	0.03	<2	9	14
SE006469		10	<1	0.07	10	1.31	1045	1	0.03	41	1490	5	0.08	<2	6	28
SE006470		10	<1	0.05	20	1.40	1065	1	0.02	45	1140	6	0.04	<2	8	9
SE006471		10	<1	0.06	10	1.27	1080	1	0.03	63	1070	9	0.06	<2	6	13
SE006472		10	<1	0.05	20	1.63	1055	1	0.02	46	850	9	0.02	<2	11	14
SE006473	Summit B	10	<1	0.06	20	1.25	994	1	0.02	42	880	8	0.04	<2	7	16
SE006474		10	<1	0.06	20	1.36	1015	2	0.03	64	1050	11	0.06	<2	6	16
SE006475		10	<1	0.07	30	1.35	994	2	0.07	67	1000	6	0.04	<2	4	18
SE006476		10	<1	0.07	30	1.13	1115	3	0.03	42	1080	14	0.03	<2	6	16
SE006477		10	<1	0.07	40	1.12	1250	2	0.02	37	910	14	0.03	<2	6	19
SE006478		<10	<1	0.03	30	0.68	734	8	0.01	34	1190	19	0.02	<2	5	9
SE006479		<10	<1	0.06	60	0.60	959	3	0.04	19	1300	18	0.04	<2	6	25
SE006480		20	<1	0.06	50	0.47	830	2	0.03	30	1560	14	0.14	<2	3	13
SE006481		10	<1	0.06	30	1.04	1760	3	0.02	36	960	13	0.03	<2	6	20
SE006482		20	<1	0.06	30	0.75	833	3	0.04	37	1120	12	0.07	<2	4	10
SE006483		10	<1	0.06	30	1.22	1070	2	0.05	58	1020	11	0.06	<2	4	18
SE006484		10	<1	0.06	20	1.01	1105	3	0.02	37	770	19	0.06	<2	3	12
SE006485																
SE006486		10	<1	0.06	10	1.37	991	1	0.03	70	870	8	0.06	<2	7	23
SE006487		10	<1	0.06	10	1.26	1200	2	0.02	57	980	8	0.08	<2	5	12
SE006488		10	<1	0.05	20	1.25	935	1	0.04	67	1140	9	0.08	<2	5	17
SE006489		20	<1	0.07	30	0.69	1110	3	0.05	34	1100	13	0.10	<2	3	12
SE006490		10	<1	0.06	20	1.02	1335	2	0.02	43	1080	14	0.06	<2	4	16

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
SE006451		<20	0.04	<10	<10	84	<10	117
SE006452		<20	0.03	<10	<10	54	<10	89
SE006453		<20	0.07	<10	<10	92	<10	79
SE006454		<20	0.06	<10	<10	69	<10	85
SE006455		<20	0.08	<10	<10	83	<10	105
SE006456		<20	0.06	<10	<10	103	<10	107
SE006457		<20	0.10	<10	<10	97	<10	116
SE006458	Summit West	<20	0.07	<10	<10	77	<10	69
SE006459		<20	0.04	<10	<10	35	<10	101
SE006460		<20	0.12	<10	<10	101	<10	78
SE006461		<20	0.05	<10	<10	92	<10	103
SE006462		<20	0.06	<10	<10	110	<10	71
SE006463		<20	0.04	<10	<10	106	<10	88
SE006464		<20	0.05	<10	<10	114	<10	78
SE006465		<20	0.04	<10	<10	107	<10	94
SE006466		<20	0.12	<10	<10	70	<10	71
SE006467		<20	0.11	<10	<10	75	<10	73
SE006468		<20	0.12	<10	<10	77	<10	77
SE006469		<20	0.08	<10	<10	76	<10	74
SE006470		<20	0.11	<10	<10	80	<10	66
SE006471		<20	0.19	<10	<10	84	<10	95
SE006472	Summit B	<20	0.08	<10	<10	100	<10	72
SE006473		<20	0.06	<10	<10	87	<10	66
SE006474		<20	0.13	<10	<10	73	<10	107
SE006475		<20	0.43	<10	<10	69	<10	139
SE006476		<20	0.11	<10	<10	68	<10	105
SE006477		<20	0.05	<10	<10	66	<10	85
SE006478		<20	0.01	<10	<10	22	<10	87
SE006479		<20	0.02	<10	<10	43	<10	114
SE006480		<20	0.12	<10	<10	43	<10	220
SE006481		<20	0.06	<10	<10	65	<10	87
SE006482		<20	0.23	<10	<10	61	<10	121
SE006483		<20	0.26	<10	<10	63	<10	110
SE006484		<20	0.05	<10	<10	70	<10	114
SE006485								
SE006486		<20	0.13	<10	<10	71	<10	80
SE006487		<20	0.11	<10	<10	76	<10	72
SE006488		<20	0.27	<10	<10	72	<10	97
SE006489		<20	0.12	<10	<10	50	<10	105
SE006490		<20	0.07	<10	<10	72	<10	79

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE006491		0.48	0.008	<0.2	2.70	24	<10	170	1.0	<2	0.15	<0.5	22	34	59	5.20
SE006492		0.26	0.007	0.3	2.75	15	<10	100	2.3	<2	0.28	<0.5	6	19	19	4.22
SE006493		0.42	<0.005	<0.2	3.92	18	<10	490	5.8	<2	0.22	<0.5	9	15	28	5.00
SE006494	Summit B	0.38	<0.005	0.2	3.07	15	<10	210	1.8	<2	0.60	<0.5	17	41	53	4.98
SE006495		0.30	0.006	0.3	1.98	42	<10	80	0.9	<2	0.17	0.6	19	13	100	5.55
SE006496		0.46	0.007	<0.2	2.32	56	<10	100	0.8	<2	0.14	<0.5	31	23	116	6.04
SE006497		0.34	0.012	0.2	2.56	26	<10	120	1.0	<2	0.11	<0.5	19	28	54	5.09
SE006498		0.44	0.009	0.2	1.23	31	<10	110	0.5	<2	0.52	<0.5	19	9	97	7.61
SE006499		0.40	0.025	0.3	0.79	33	<10	50	0.5	2	0.14	<0.5	71	6	36	4.30
SE006500		0.42	0.025	0.2	0.43	55	<10	80	0.6	<2	4.31	<0.5	35	1	23	4.02
SM268812		0.40	<0.005	0.2	2.24	6	<10	120	0.7	<2	0.26	<0.5	13	23	57	5.11
SM268813		0.44	0.006	0.2	2.02	10	<10	580	0.6	<2	0.47	<0.5	12	26	112	4.12
SM268814		0.38	<0.005	0.4	1.91	30	<10	430	1.0	<2	0.72	0.5	11	34	222	4.16
SM268815	Summit D	0.40	<0.005	0.2	2.30	15	<10	240	0.8	<2	0.70	<0.5	16	35	88	4.88
SM268816		0.30	0.007	<0.2	2.25	10	<10	520	<0.5	<2	0.19	<0.5	8	35	25	3.95
SM268817		0.46	NSS	0.4	2.36	9	<10	430	1.3	<2	0.46	<0.5	9	39	94	3.83
SM268818		0.32	0.007	0.2	2.00	11	<10	290	0.6	<2	0.58	<0.5	13	40	64	3.75
SM268819		0.40	<0.005	0.2	2.16	12	<10	280	0.9	<2	0.80	<0.5	12	38	65	3.59
SM268820		0.20	0.005	0.2	1.92	11	<10	230	0.5	<2	0.58	<0.5	13	43	43	3.60
TE004881		0.66	0.006	<0.2	2.96	12	<10	380	1.0	<2	0.99	<0.5	16	19	100	4.40
TE004882		0.60	<0.005	<0.2	2.61	16	<10	370	0.9	<2	0.90	<0.5	15	23	62	3.99
TE004883		0.58	0.007	0.2	2.36	14	<10	280	1.0	<2	1.04	<0.5	13	24	63	3.39
TE004884		0.44	NSS	<0.2	1.88	10	<10	300	0.7	<2	1.30	<0.5	12	19	43	3.01
TE004885	Summit D	0.38	0.006	<0.2	1.90	11	<10	280	0.6	<2	0.81	<0.5	14	22	42	3.28
TE004886		0.46	<0.005	0.2	2.13	17	<10	260	0.7	<2	0.79	0.6	13	27	47	3.73
TE004887		0.52	NSS	0.2	1.11	38	40	150	<0.5	<2	4.69	0.8	8	33	77	2.48
TE004888		0.50	<0.005	<0.2	1.55	71	10	250	<0.5	<2	1.06	<0.5	9	52	23	6.83
TE004889		0.82	<0.005	<0.2	1.51	13	<10	160	<0.5	<2	0.80	<0.5	11	53	29	3.01
TE004890		0.72	0.012	<0.2	1.59	10	<10	130	<0.5	<2	0.55	<0.5	12	61	26	3.20
TE005742		0.30	NSS	0.4	2.74	5	<10	480	0.7	<2	0.90	1.4	13	89	38	3.78
TE005743		0.40	NSS	0.4	2.88	5	<10	490	0.7	<2	0.87	1.3	14	94	45	3.96
TE005744		0.42	0.075	0.3	2.91	4	<10	520	0.8	<2	0.73	1.2	17	95	38	4.51
TE005745	Summit A	0.36	0.007	0.3	2.69	3	<10	510	0.7	<2	0.81	1.2	15	86	37	4.48
TE005746		0.34	0.011	0.2	2.87	8	<10	600	0.7	<2	0.86	1.2	15	93	34	4.87
TE005747		0.64	<0.005	0.4	2.86	7	<10	660	0.8	<2	0.80	1.3	17	97	36	5.67
TE005748		0.38	0.008	0.4	3.60	2	<10	650	0.9	<2	1.08	1.9	15	96	35	4.09
TE005795		0.60	0.006	<0.2	1.98	8	<10	260	0.7	<2	0.92	<0.5	16	28	104	4.56
TE005796		0.78	<0.005	<0.2	2.35	9	10	240	0.6	<2	0.95	<0.5	18	26	86	5.45
TE005797	Summit D	0.64	0.010	<0.2	2.09	10	<10	240	0.6	<2	0.92	<0.5	17	29	87	5.11
TE005798		0.58	<0.005	<0.2	1.54	6	<10	100	<0.5	<2	1.27	<0.5	10	26	42	3.29

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
SE006491	Summit B	10	<1	0.06	20	1.08	1165	2	0.02	48	820	13	0.05	<2	4	14
SE006492		20	<1	0.06	30	0.27	623	3	0.05	15	1390	13	0.11	<2	1	16
SE006493		20	<1	0.09	60	0.33	1270	3	0.07	21	760	16	0.08	<2	2	15
SE006494		10	<1	0.05	20	0.98	930	1	0.04	57	1430	12	0.11	<2	5	26
SE006495		10	<1	0.04	30	0.72	1160	3	0.02	22	1380	20	0.09	<2	2	15
SE006496		10	<1	0.04	20	0.97	1115	4	0.02	37	1070	16	0.04	<2	5	12
SE006497		10	<1	0.05	20	0.90	1005	2	0.02	32	940	16	0.07	<2	2	13
SE006498		<10	<1	0.03	20	0.50	1555	9	0.02	32	1030	16	0.06	<2	5	29
SE006499		<10	<1	0.03	30	0.15	628	4	0.01	33	1100	10	0.02	<2	3	9
SE006500		<10	<1	0.06	20	0.18	831	3	0.02	23	1350	7	0.15	<2	7	66
SM268812	Summit D	10	<1	0.06	10	0.97	775	2	0.03	21	1220	10	0.02	<2	4	15
SM268813		10	<1	0.06	10	0.97	750	<1	0.03	27	1150	6	0.02	<2	6	24
SM268814		10	<1	0.07	10	0.79	836	2	0.04	36	530	10	0.04	<2	7	50
SM268815		10	<1	0.09	10	1.34	1175	1	0.03	24	1300	8	0.02	<2	8	44
SM268816		10	<1	0.06	10	0.70	356	1	0.03	27	330	9	0.02	<2	4	15
SM268817		10	<1	0.08	20	0.57	668	1	0.03	30	960	10	0.04	<2	4	27
SM268818		10	<1	0.09	10	0.96	814	1	0.03	41	1100	7	0.03	<2	7	28
SM268819		10	<1	0.09	10	0.95	551	1	0.03	48	700	8	0.03	<2	8	64
SM268820		10	<1	0.09	10	0.83	781	1	0.03	41	710	8	0.03	<2	6	43
TE004881		10	<1	0.17	20	1.59	1605	1	0.04	21	1150	13	0.04	<2	9	87
TE004882	Summit D	10	<1	0.14	10	1.43	1475	2	0.04	24	940	12	0.03	<2	8	71
TE004883		10	<1	0.15	20	0.96	1795	2	0.03	25	1170	14	0.05	<2	6	101
TE004884		10	<1	0.14	10	0.98	1850	1	0.03	19	1180	9	0.09	<2	4	62
TE004885		10	<1	0.12	10	1.01	1465	1	0.03	19	1390	8	0.07	<2	5	54
TE004886		10	<1	0.15	10	1.20	1260	1	0.03	25	1280	9	0.04	<2	7	54
TE004887		<10	<1	0.06	10	0.66	1780	1	0.02	33	880	8	0.19	<2	4	159
TE004888		<10	<1	0.07	<10	0.93	491	1	0.02	62	1660	7	0.10	<2	5	92
TE004889		<10	<1	0.07	<10	0.96	1075	1	0.02	71	630	8	0.05	<2	6	63
TE004890		<10	<1	0.07	<10	1.07	621	1	0.02	85	610	8	0.03	<2	6	48
TE005742		10	1	0.12	10	1.18	2000	1	0.02	137	910	8	0.09	<2	9	82
TE005743	Summit A	10	1	0.13	10	1.25	1510	1	0.02	147	920	7	0.08	<2	10	79
TE005744		10	1	0.12	10	1.25	2220	1	0.02	149	840	9	0.07	<2	10	67
TE005745		10	<1	0.11	10	1.14	3020	1	0.02	139	1020	8	0.09	<2	8	73
TE005746		10	1	0.11	10	1.15	3560	2	0.02	142	1070	8	0.10	<2	9	78
TE005747		10	1	0.12	10	1.23	4450	2	0.02	152	1070	9	0.09	<2	9	75
TE005748	Summit D	10	1	0.12	10	1.17	1135	<1	0.03	141	1420	7	0.16	<2	8	83
TE005795		10	<1	0.07	10	1.33	1345	<1	0.03	29	1600	7	0.06	<2	10	48
TE005796		10	<1	0.08	10	1.70	1410	1	0.02	27	2050	6	0.05	<2	10	42
TE005797		10	<1	0.08	10	1.45	1355	1	0.03	29	1710	8	0.07	<2	10	47
TE005798		10	<1	0.07	10	1.00	848	<1	0.02	24	1110	8	0.09	<2	6	69

***** See Appendix Page for comments regarding this certificate *****

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
SE006491	Summit B	<20	0.06	<10	<10	66	<10	87
SE006492		<20	0.07	<10	<10	32	<10	74
SE006493		<20	0.10	<10	<10	23	<10	159
SE006494		<20	0.18	<10	<10	69	<10	104
SE006495		<20	0.03	<10	<10	37	<10	113
SE006496		<20	0.02	<10	<10	50	<10	90
SE006497		<20	0.05	<10	<10	61	<10	98
SE006498		<20	0.01	<10	<10	25	<10	44
SE006499		<20	0.01	<10	<10	17	<10	32
SE006500		<20	<0.01	<10	<10	11	<10	8
SM268812	Summit D	<20	0.09	<10	<10	133	<10	86
SM268813		<20	0.06	<10	<10	102	<10	55
SM268814		<20	0.07	<10	<10	87	<10	76
SM268815		<20	0.06	<10	<10	115	<10	77
SM268816		<20	0.06	<10	<10	108	<10	49
SM268817		<20	0.06	<10	<10	81	<10	91
SM268818		<20	0.05	<10	<10	86	<10	79
SM268819		<20	0.06	<10	<10	74	<10	78
SM268820		<20	0.04	<10	<10	85	<10	96
TE004881		<20	0.14	<10	<10	97	<10	76
TE004882	Summit D	<20	0.13	<10	<10	86	<10	74
TE004883		<20	0.11	<10	<10	66	<10	73
TE004884		<20	0.08	<10	<10	64	<10	80
TE004885		<20	0.09	<10	<10	70	<10	90
TE004886		<20	0.11	<10	<10	79	<10	123
TE004887		<20	0.04	<10	<10	64	<10	89
TE004888		<20	0.03	<10	<10	68	<10	79
TE004889		<20	0.04	<10	<10	57	<10	76
TE004890		<20	0.04	<10	<10	58	<10	84
TE005742		<20	0.01	<10	<10	59	<10	155
TE005743	Summit A	<20	0.01	<10	<10	61	<10	168
TE005744		<20	0.01	<10	<10	66	<10	162
TE005745		<20	0.01	<10	<10	60	<10	165
TE005746		<20	0.01	<10	<10	63	<10	175
TE005747		<20	0.01	<10	<10	67	<10	170
TE005748	Summit D	<20	0.01	<10	<10	60	<10	354
TE005795		<20	0.09	<10	<10	99	<10	72
TE005796		<20	0.07	<10	<10	120	<10	74
TE005797		<20	0.08	<10	<10	112	<10	75
TE005798		<20	0.06	<10	<10	77	<10	66

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
TE006346		0.32	0.010	<0.2	1.68	9	<10	580	<0.5	<2	1.40	<0.5	13	34	27	3.40
TE006440		0.60	0.007	<0.2	1.44	4	<10	160	<0.5	2	0.86	<0.5	11	46	34	2.91
TE006441		0.54	0.012	<0.2	1.44	4	<10	170	<0.5	2	0.82	0.5	11	44	34	3.09
TE006442		0.70	0.016	<0.2	1.62	3	<10	140	0.5	2	0.87	<0.5	13	61	33	3.30
TE006443	Summit D	0.54	0.007	<0.2	2.21	5	<10	400	0.6	2	0.61	1.2	14	76	27	3.58
TE006444		0.52	0.007	<0.2	2.05	<2	<10	380	0.6	2	0.54	1.0	12	73	24	3.25
TE006445		0.42	<0.005	<0.2	2.31	5	<10	510	0.8	2	0.87	1.8	17	76	31	4.87
TE006446		0.56	0.005	<0.2	1.48	2	<10	210	0.5	2	0.41	<0.5	10	55	27	2.56
TE006447		0.32	0.005	0.5	2.36	3	<10	500	1.0	<2	1.35	2.7	13	58	55	3.03
TE006448		0.38	0.006	<0.2	2.34	21	<10	200	0.8	2	0.61	0.5	20	46	66	4.20
TE006449	Summit B	0.48	0.018	<0.2	2.45	45	<10	230	0.8	3	1.29	<0.5	31	44	192	5.43
TE006450		0.42	0.015	<0.2	2.21	35	<10	190	0.7	3	0.88	0.5	27	38	148	4.89
TM268821		0.42	0.010	<0.2	1.75	6	<10	270	0.8	2	1.61	<0.5	11	32	136	3.46
TM268822		0.50	0.060	<0.2	1.48	4	<10	210	0.6	2	1.20	<0.5	11	31	65	4.48
TM268823	Summit D	0.50	0.029	<0.2	1.72	6	<10	230	0.5	2	0.76	<0.5	13	27	48	4.00
TM268824		0.50	0.007	<0.2	1.55	5	<10	200	<0.5	<2	0.73	<0.5	11	27	36	3.66
TM268825		0.42	0.010	<0.2	1.62	5	<10	260	0.5	<2	1.06	<0.5	12	27	47	3.61
TM268826		0.40	0.011	<0.2	1.58	7	<10	300	0.5	<2	0.94	<0.5	13	26	39	4.39

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
TE006346		<10	1	0.07	10	1.08	2990	21	0.02	29	760	8	0.07	2	6	155
TE006440		<10	<1	0.06	10	0.94	665	<1	0.01	68	700	5	0.04	<2	6	51
TE006441		10	<1	0.06	10	0.91	645	<1	0.01	63	740	4	0.04	<2	6	50
TE006442	Summit D	<10	1	0.07	10	1.14	533	1	0.01	89	750	5	0.04	<2	6	54
TE006443		<10	1	0.08	10	0.99	1625	1	0.01	115	640	5	0.06	<2	7	63
TE006444		<10	1	0.08	10	0.94	1480	1	0.01	109	580	3	0.05	2	7	57
TE006445		<10	1	0.08	10	0.96	2800	2	0.01	119	820	5	0.09	2	7	97
TE006446		10	<1	0.06	10	0.74	432	1	0.01	82	400	4	0.02	<2	5	37
TE006447		<10	1	0.09	20	0.79	931	1	0.02	122	1030	3	0.16	2	6	156
TE006448		10	<1	0.06	10	1.24	842	1	0.01	59	1120	5	0.10	4	6	32
TE006449	Summit B	10	1	0.07	20	1.38	1615	1	0.02	58	1170	7	0.08	3	10	50
TE006450		10	1	0.07	20	1.28	1305	1	0.02	52	1170	8	0.09	2	9	50
TM268821		10	<1	0.07	10	0.84	989	1	0.02	34	850	5	0.07	<2	8	146
TM268822		10	1	0.05	10	0.93	660	<1	0.02	33	820	6	0.05	<2	6	78
TM268823	Summit D	10	1	0.05	10	1.06	1055	<1	0.01	30	910	4	0.04	<2	6	51
TM268824		10	<1	0.05	10	0.95	794	<1	0.01	28	860	5	0.03	<2	5	48
TM268825		10	1	0.05	10	0.92	1005	1	0.02	29	930	4	0.06	<2	6	70
TM268826		<10	<1	0.05	10	0.92	1675	1	0.02	31	890	4	0.05	<2	6	89

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
TE006346		<20	0.06	<10	<10	78	<10	70
TE006440		<20	0.04	<10	<10	55	<10	75
TE006441		<20	0.05	<10	<10	58	<10	81
TE006442	Summit D	<20	0.04	<10	<10	60	<10	91
TE006443		<20	0.01	<10	<10	52	<10	137
TE006444		<20	0.01	<10	<10	48	<10	126
TE006445		<20	0.01	<10	<10	54	<10	145
TE006446		<20	0.02	<10	<10	42	<10	91
TE006447		<20	0.02	<10	<10	43	<10	132
TE006448		<20	0.12	<10	<10	59	<10	110
TE006449	Summit B	<20	0.12	<10	<10	68	<10	102
TE006450		<20	0.10	<10	<10	64	<10	100
TM268821		<20	0.06	<10	<10	74	<10	76
TM268822		<20	0.11	<10	<10	119	<10	75
TM268823	Summit D	<20	0.09	<10	<10	94	<10	71
TM268824		<20	0.09	<10	<10	86	<10	66
TM268825		<20	0.08	<10	<10	79	<10	67
TM268826		<20	0.08	<10	<10	82	<10	67

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS VA10088603

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
This copy reported on 13-JUL-2010
Account: SOMIIN

CERTIFICATE WH10085379

Project: Summit Blocks

P.O. No.: 2/2

This report is for 260 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28-JUN-2010.

The following have access to data associated with this certificate:

CHARLES DESJARDINS	CARL SCHULZE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **SOLITAIRE MINERALS INC.**
ATTN: CARL SCHULZE
35 DAWSON ROAD
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: SOLITAIRE MINERALS INC.
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE004960		0.48	<0.005	0.3	2.46	9	<10	150	0.7	<2	0.15	<0.5	11	58	27	4.18
SE004961		0.36	0.019	0.3	1.78	5	<10	110	<0.5	<2	0.07	<0.5	4	30	14	2.07
SE004962		0.50	0.006	<0.2	3.15	11	<10	110	0.8	2	0.12	<0.5	11	57	22	4.05
SE004963		0.60	<0.005	0.2	2.88	11	<10	390	0.8	<2	0.53	<0.5	14	61	34	4.10
SE004964		0.46	<0.005	0.2	3.09	8	<10	110	0.6	2	0.07	<0.5	11	53	25	4.03
SE004965		0.46	0.011	0.2	2.92	5	<10	80	0.6	<2	0.08	<0.5	10	50	23	3.76
SE004966		0.44	0.005	0.3	2.90	8	<10	140	1.2	2	0.33	<0.5	11	49	27	3.93
SE004967		0.46	0.005	0.3	3.11	9	<10	130	0.8	<2	0.12	<0.5	17	69	56	4.43
SE004968		0.46	<0.005	0.4	3.47	10	<10	220	0.8	2	0.09	<0.5	9	64	34	4.07
SE004969		0.58	0.007	0.4	3.27	10	<10	460	1.2	2	0.49	<0.5	9	52	44	3.86
SE004970		0.40	<0.005	0.4	2.39	10	<10	200	0.6	<2	0.12	<0.5	7	40	21	3.57
SE004971		0.36	0.005	<0.2	3.42	14	<10	180	0.9	3	0.11	<0.5	13	63	46	4.53
SE004972		0.54	0.014	0.6	3.30	13	<10	430	1.0	<2	0.81	<0.5	14	72	71	4.53
SE004973		0.48	<0.005	0.3	2.97	12	<10	300	1.4	<2	0.57	<0.5	9	47	30	3.86
SE004974		0.40	0.005	0.2	1.35	9	<10	80	<0.5	<2	0.09	<0.5	3	26	11	2.21
SE004975		0.62	0.008	0.4	3.27	13	<10	330	1.9	2	0.79	<0.5	11	54	47	4.21
SE004976		0.46	0.007	0.4	2.66	<2	<10	180	0.6	<2	0.14	<0.5	5	46	12	2.54
SE004977	Summit West	0.34	<0.005	0.7	2.67	49	10	600	1.0	2	2.45	1.1	18	44	41	7.82
SE004978		0.46	0.008	0.6	2.49	9	<10	280	0.5	<2	0.20	<0.5	6	43	21	2.95
SE004979		0.38	0.008	0.6	2.57	5	<10	100	0.7	<2	0.05	<0.5	5	42	16	2.47
SE004980		0.42	0.010	0.6	4.52	13	<10	890	2.2	2	0.63	0.7	22	75	102	5.46
SE004981		0.46	<0.005	0.4	2.59	13	<10	580	0.7	<2	0.54	0.5	12	50	14	7.11
SE004982		0.52	<0.005	<0.2	2.86	9	<10	140	0.8	2	0.20	<0.5	16	46	22	4.46
SE004983		0.34	<0.005	0.4	2.17	6	<10	230	0.5	<2	0.18	<0.5	8	47	18	3.46
SE004984		0.28	0.006	0.4	3.38	11	<10	760	1.2	<2	0.75	0.6	10	68	40	4.19
SE004985		0.48	0.005	0.8	3.65	5	<10	980	2.2	<2	1.75	0.5	19	168	108	4.32
SE004986		0.44	<0.005	0.2	3.10	9	<10	250	1.0	<2	0.13	<0.5	10	59	24	4.36
SE004987		0.36	0.008	0.4	2.59	7	<10	160	0.5	<2	0.10	<0.5	9	55	20	3.47
SE004988		0.38	<0.005	0.2	3.09	7	<10	50	0.7	<2	0.29	<0.5	21	213	43	6.89
SE004989		0.46	0.006	0.4	3.39	11	<10	140	0.7	<2	0.12	<0.5	13	74	37	4.92
SE004990		0.44	<0.005	0.4	2.52	8	<10	70	0.8	<2	0.09	<0.5	6	42	15	4.02
SE004991		0.52	<0.005	0.3	3.12	14	<10	170	0.6	<2	0.20	<0.5	12	62	41	4.55
SE004992		0.42	<0.005	0.2	1.31	5	<10	130	<0.5	<2	0.24	<0.5	5	32	27	1.93
SE004993		0.34	<0.005	0.3	1.53	6	<10	80	<0.5	<2	0.07	<0.5	5	33	10	2.28
SE004994		0.46	<0.005	0.3	2.12	7	<10	160	<0.5	2	0.08	<0.5	6	41	16	3.04
SE004995		0.44	0.007	0.2	1.81	7	<10	110	<0.5	<2	0.07	<0.5	5	33	17	2.97
SE004996		0.46	0.006	0.4	2.13	35	<10	290	1.3	2	1.65	2.6	54	16	155	4.51
SE004997		0.50	<0.005	0.3	2.42	49	<10	160	1.3	<2	0.62	0.6	41	22	108	6.10
SE004998	Summit B	0.40	0.006	<0.2	2.24	13	<10	280	0.8	<2	0.24	<0.5	21	37	66	5.15
SE004999		0.40	0.011	<0.2	2.23	33	<10	220	1.4	<2	1.33	0.8	35	16	82	4.97

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE004960		10	1	0.07	10	0.92	800	1	0.02	48	1210	10	0.09	<2	2	8
SE004961		10	1	0.05	10	0.28	180	1	0.01	14	1300	8	0.10	<2	<1	6
SE004962		10	<1	0.07	10	0.99	547	2	<0.01	42	940	11	0.09	<2	2	9
SE004963		10	<1	0.09	10	1.31	628	1	0.01	58	450	10	0.02	<2	8	22
SE004964		10	<1	0.07	10	0.96	736	2	<0.01	39	990	7	0.08	<2	3	10
SE004965		10	<1	0.06	10	0.87	485	2	<0.01	38	880	6	0.08	<2	2	7
SE004966		10	<1	0.08	10	0.74	531	3	0.01	34	1200	11	0.09	<2	2	24
SE004967		10	1	0.11	10	1.38	741	1	<0.01	61	690	7	0.01	<2	9	10
SE004968		10	<1	0.08	10	0.78	364	2	<0.01	38	2060	9	0.08	<2	2	14
SE004969		10	<1	0.07	10	0.92	469	2	<0.01	48	1100	8	0.07	<2	5	27
SE004970		10	<1	0.06	10	0.52	513	2	<0.01	22	1500	8	0.11	<2	1	14
SE004971		10	<1	0.11	10	1.13	577	2	<0.01	55	910	12	0.05	<2	5	12
SE004972		10	<1	0.14	20	1.29	841	2	<0.01	72	970	10	0.05	<2	10	39
SE004973		10	<1	0.08	10	0.83	763	2	<0.01	38	1920	8	0.14	<2	3	25
SE004974		10	<1	0.06	10	0.26	256	2	<0.01	8	900	6	0.03	<2	1	10
SE004975		10	<1	0.10	30	1.02	875	2	<0.01	60	1160	9	0.08	<2	4	39
SE004976	Summit West	10	<1	0.07	10	0.57	178	2	<0.01	24	1530	7	0.10	<2	1	15
SE004977		10	<1	0.09	10	0.89	6090	28	0.01	54	1960	7	0.30	<2	7	249
SE004978		10	<1	0.09	10	0.48	250	2	<0.01	20	1140	9	0.06	<2	1	20
SE004979		10	<1	0.07	10	0.49	158	2	<0.01	22	1420	9	0.10	<2	1	8
SE004980		20	<1	0.15	40	1.31	2830	4	0.01	86	1210	13	0.07	<2	11	68
SE004981		10	<1	0.05	10	0.96	2960	7	<0.01	30	950	8	0.07	<2	5	46
SE004982		<10	<1	0.10	10	1.02	854	1	<0.01	32	680	16	0.01	<2	6	11
SE004983		10	<1	0.09	10	0.52	862	3	<0.01	23	1160	8	0.09	<2	1	23
SE004984		10	<1	0.15	10	0.99	1140	2	<0.01	59	2540	7	0.13	<2	3	48
SE004985		10	<1	0.06	20	0.91	2610	2	0.01	79	2030	9	0.14	<2	8	119
SE004986		10	<1	0.08	10	0.86	483	2	<0.01	40	820	9	0.06	<2	3	20
SE004987		10	<1	0.07	10	0.71	560	2	<0.01	26	1050	7	0.05	<2	1	12
SE004988		10	<1	0.05	10	1.03	751	2	0.01	63	660	8	0.04	<2	15	10
SE004989		10	1	0.09	<10	1.18	452	2	<0.01	51	700	8	0.05	<2	5	10
SE004990		10	<1	0.05	10	0.55	372	3	0.01	24	840	10	0.04	<2	1	8
SE004991		10	<1	0.08	10	1.04	585	2	<0.01	55	1000	9	0.05	<2	4	13
SE004992		10	<1	0.07	<10	0.37	227	1	<0.01	15	900	7	0.04	<2	1	45
SE004993		10	<1	0.08	<10	0.36	166	1	<0.01	10	770	8	0.03	<2	1	9
SE004994		10	<1	0.07	<10	0.50	238	2	<0.01	19	810	7	0.03	<2	2	11
SE004995		10	<1	0.07	<10	0.32	252	2	<0.01	14	690	9	0.03	<2	3	11
SE004996		10	<1	0.09	40	0.68	2320	3	<0.01	17	2340	30	0.17	<2	4	109
SE004997		10	<1	0.08	30	0.68	1895	4	<0.01	24	2040	40	0.14	<2	3	48
SE004998	Summit B	10	<1	0.06	20	0.72	1185	2	0.01	39	1020	20	0.08	<2	3	29
SE004999		10	<1	0.12	30	0.59	1840	2	0.02	19	2120	48	0.14	<2	2	79

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
SE004960		<20	0.06	<10	<10	90	<10	80
SE004961		<20	0.02	<10	<10	51	<10	31
SE004962		<20	0.06	<10	<10	95	<10	72
SE004963		<20	0.06	<10	<10	98	<10	66
SE004964		<20	0.06	<10	<10	95	<10	66
SE004965		<20	0.06	<10	<10	82	<10	58
SE004966		<20	0.07	<10	<10	87	<10	81
SE004967		<20	0.06	<10	<10	99	<10	83
SE004968		<20	0.02	<10	<10	97	<10	79
SE004969		<20	0.03	<10	<10	81	<10	75
SE004970		<20	0.02	<10	<10	79	<10	55
SE004971		<20	0.03	<10	<10	103	<10	95
SE004972		<20	0.03	<10	<10	96	<10	126
SE004973		<20	0.03	<10	<10	79	<10	88
SE004974		<20	0.02	<10	<10	68	<10	32
SE004975		<20	0.04	<10	<10	80	<10	111
SE004976	Summit West	<20	0.01	<10	<10	65	<10	48
SE004977		<20	0.05	<10	<10	95	<10	69
SE004978		<20	0.01	<10	<10	76	<10	44
SE004979		<20	0.02	<10	<10	54	<10	43
SE004980		<20	0.04	<10	<10	94	<10	120
SE004981		<20	0.05	<10	<10	90	<10	127
SE004982		<20	0.02	<10	<10	81	<10	94
SE004983		<20	0.04	<10	<10	89	<10	76
SE004984		<20	0.02	<10	<10	83	<10	161
SE004985		<20	0.03	<10	<10	121	<10	67
SE004986		<20	0.05	<10	<10	98	<10	67
SE004987		<20	0.02	<10	<10	89	<10	72
SE004988		<20	0.29	<10	<10	234	<10	71
SE004989		<20	0.07	<10	<10	117	<10	60
SE004990		<20	0.07	<10	<10	59	<10	55
SE004991		<20	0.04	<10	<10	89	<10	85
SE004992		<20	0.03	<10	<10	57	<10	33
SE004993		<20	0.04	<10	<10	72	<10	36
SE004994		<20	0.04	<10	<10	89	<10	44
SE004995		<20	0.08	<10	<10	94	<10	35
SE004996		<20	0.04	<10	<10	66	<10	171
SE004997	Summit B	<20	0.04	<10	<10	70	<10	133
SE004998		<20	0.12	<10	<10	77	<10	99
SE004999		<20	0.04	<10	<10	55	<10	154

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE005000	Summit B	0.34	<0.005	0.2	2.07	15	<10	130	0.6	<2	0.12	<0.5	13	41	40	4.97
SE005751		0.36	<0.005	0.2	1.75	9	<10	120	0.9	<2	0.16	<0.5	7	27	26	4.57
SE005752		0.46	<0.005	<0.2	2.10	17	<10	140	0.7	<2	0.11	<0.5	15	44	35	6.21
SE005753		0.52	<0.005	<0.2	2.46	17	<10	250	0.7	<2	0.16	<0.5	16	51	43	5.74
SE005754		0.32	0.010	0.4	1.29	6	<10	160	<0.5	<2	0.08	0.5	6	25	31	3.29
SE005755		0.64	<0.005	<0.2	2.51	11	<10	180	1.0	<2	0.20	<0.5	17	54	25	4.24
SE005756		0.44	<0.005	<0.2	3.45	15	<10	290	4.5	<2	0.13	<0.5	6	21	12	4.66
SE005757		0.42	0.011	<0.2	2.08	24	<10	110	1.2	<2	0.12	<0.5	31	30	27	5.63
SE005758	Summit B	0.48	0.016	<0.2	1.80	34	<10	130	0.8	<2	0.11	<0.5	68	13	69	5.76
SE005759		0.52	0.008	<0.2	3.07	18	<10	180	1.5	<2	0.46	<0.5	23	35	36	5.02
SE005760		0.34	0.010	<0.2	2.73	42	<10	200	0.6	<2	0.22	<0.5	20	44	73	5.42
SE005761		0.42	0.023	<0.2	2.24	59	<10	300	0.7	<2	0.40	<0.5	19	59	43	5.70
SE005762		0.32	0.006	<0.2	1.86	26	<10	80	0.8	<2	0.19	<0.5	18	17	48	5.52
SE005763		0.42	0.007	0.2	1.65	22	<10	130	0.6	<2	0.14	<0.5	12	16	35	4.76
SE005764		0.26	0.011	<0.2	1.69	12	<10	220	0.8	<2	0.31	<0.5	11	23	25	4.44
SE005765		0.44	0.012	<0.2	0.87	22	<10	50	0.5	<2	0.46	<0.5	12	6	22	3.03
SE005766		0.42	0.011	<0.2	0.88	43	<10	90	0.7	<2	0.98	<0.5	25	5	100	4.55
SE005767		0.36	0.023	<0.2	1.20	42	<10	90	0.7	<2	0.96	<0.5	27	8	47	5.19
SE005768		0.32	0.018	0.6	2.78	7	<10	590	1.2	<2	0.95	2.2	19	73	54	3.81
SE005769		0.44	0.006	0.2	2.45	5	<10	560	1.0	<2	0.94	3.5	17	72	31	6.43
SE005770		0.40	0.011	<0.2	1.56	2	<10	440	<0.5	<2	0.81	2.2	15	50	19	3.05
SE005771		0.42	0.014	0.2	1.99	5	<10	290	0.6	<2	0.87	0.9	10	66	33	3.00
SE005772		0.36	0.041	0.5	2.83	5	<10	420	0.9	<2	1.80	2.6	15	85	66	3.96
SE005773		0.32	NSS	0.3	1.25	4	10	340	0.8	<2	3.28	2.2	6	32	57	1.59
SE005774		0.40	0.043	1.0	2.80	5	<10	440	1.6	<2	1.84	4.6	13	73	96	3.33
SE005775		0.44	0.014	0.6	2.17	5	<10	410	0.7	<2	1.81	1.8	11	67	37	3.08
SE005776		0.66	0.006	0.2	1.77	4	<10	210	0.6	<2	0.24	0.6	9	62	24	2.92
SE005777		0.38	0.047	1.7	3.14	8	<10	580	1.3	<2	0.86	1.4	10	81	52	3.33
SE005778	Summit D	0.46	<0.005	<0.2	1.24	5	<10	190	<0.5	<2	0.07	<0.5	6	39	10	2.45
SE005779		0.42	0.026	1.6	2.71	5	<10	580	1.4	<2	1.80	1.0	14	68	74	3.23
SE005780		0.40	0.024	0.5	3.20	5	<10	540	1.7	<2	0.40	1.4	11	96	58	4.05
SE005781		0.62	0.005	<0.2	0.94	2	<10	110	<0.5	<2	0.11	0.6	6	42	8	1.70
SE005782		0.42	NSS	0.5	1.73	6	<10	440	0.9	<2	2.16	1.5	13	61	48	2.91
SE005783		0.50	<0.005	<0.2	1.16	6	<10	130	<0.5	<2	0.04	<0.5	4	34	7	2.74
SE005784		0.54	<0.005	<0.2	1.44	4	<10	170	<0.5	<2	0.07	<0.5	5	43	13	2.32
SE005785		0.56	0.005	<0.2	0.97	3	<10	110	<0.5	<2	0.02	<0.5	3	34	6	1.81
SE005786		0.48	<0.005	<0.2	0.87	3	<10	120	<0.5	<2	0.06	<0.5	3	25	7	1.60
SE005787		0.36	0.009	<0.2	1.35	6	<10	170	<0.5	<2	0.11	1.3	6	38	11	3.75
SE005788		0.38	0.013	1.0	3.35	11	<10	490	2.0	<2	1.26	0.7	30	79	81	5.43
SE005789		0.52	<0.005	<0.2	1.73	3	<10	200	<0.5	<2	0.14	<0.5	6	51	13	2.46

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE005000	Summit B	10	<1	0.06	10	0.80	673	1	0.02	37	730	12	0.04	<2	4	10
SE005751		20	1	0.05	10	0.28	673	2	0.02	13	780	14	0.06	<2	3	13
SE005752		10	<1	0.05	10	0.96	818	2	0.02	40	540	13	0.04	<2	4	12
SE005753		10	<1	0.05	20	1.08	607	1	0.02	49	710	12	0.06	<2	5	17
SE005754		10	<1	0.04	10	0.21	412	2	0.01	13	1080	14	0.09	<2	1	11
SE005755		10	<1	0.06	10	1.10	623	<1	0.02	70	860	9	0.06	<2	4	10
SE005756		20	<1	0.08	40	0.33	835	3	0.05	19	1330	13	0.10	<2	2	6
SE005757		10	1	0.05	20	0.61	930	1	0.02	35	1180	12	0.07	<2	3	7
SE005758		<10	<1	0.06	20	0.43	899	4	0.01	31	760	9	0.04	<2	5	7
SE005759	Summit B	10	<1	0.06	20	1.12	883	1	0.03	62	1260	8	0.10	<2	5	28
SE005760		10	1	0.05	10	1.21	777	1	0.02	32	1440	7	0.11	<2	2	13
SE005761		10	<1	0.07	10	0.94	1780	1	0.02	44	2280	11	0.16	<2	3	24
SE005762		<10	<1	0.04	40	0.61	975	1	0.01	19	1230	9	0.06	<2	2	16
SE005763		<10	<1	0.06	20	0.40	807	1	0.01	9	1250	8	0.09	<2	1	19
SE005764		10	<1	0.07	20	0.30	1195	1	0.01	9	1740	11	0.13	<2	<1	25
SE005765		<10	<1	0.07	30	0.27	391	2	0.01	9	1510	5	0.05	<2	3	17
SE005766		<10	<1	0.07	50	0.29	1085	1	0.01	12	1500	6	0.05	<2	6	30
SE005767		<10	<1	0.05	30	0.39	984	1	0.01	16	1390	9	0.05	<2	4	29
SE005768		10	1	0.10	20	0.93	1570	2	0.03	117	910	8	0.08	<2	7	112
SE005769		<10	1	0.05	10	0.73	4830	4	0.03	116	730	5	0.08	<2	9	93
SE005770		10	<1	0.06	<10	0.53	3380	3	0.02	53	310	8	0.03	<2	4	88
SE005771		10	1	0.11	10	0.91	462	1	0.02	94	600	6	0.05	<2	6	78
SE005772		10	1	0.15	10	1.19	832	1	0.02	125	840	7	0.08	<2	9	181
SE005773		<10	1	0.06	10	0.60	556	2	0.02	78	1130	3	0.18	<2	3	282
SE005774		10	1	0.13	20	1.03	496	2	0.02	144	1150	5	0.13	<2	8	165
SE005775		10	<1	0.11	10	0.96	717	1	0.02	99	1030	4	0.11	<2	5	156
SE005776		<10	<1	0.08	10	0.81	416	1	0.01	72	320	6	0.02	<2	4	33
SE005777		10	1	0.13	20	0.91	289	1	0.02	116	1700	6	0.12	<2	6	86
SE005778	Summit D	10	<1	0.06	<10	0.37	232	2	0.01	29	390	6	0.01	<2	2	7
SE005779		10	<1	0.10	20	1.00	605	1	0.02	126	1040	6	0.10	<2	8	209
SE005780		10	1	0.16	20	0.91	240	1	0.01	91	650	10	0.03	<2	8	53
SE005781		<10	<1	0.05	<10	0.52	187	1	0.01	34	100	5	0.01	<2	2	15
SE005782		10	<1	0.07	10	0.67	1225	2	0.02	72	1570	6	0.26	<2	3	264
SE005783		10	<1	0.05	<10	0.27	112	1	0.01	24	110	6	0.01	<2	2	6
SE005784		10	<1	0.05	<10	0.48	154	2	0.01	39	250	6	0.01	<2	3	10
SE005785		10	<1	0.04	<10	0.33	99	2	<0.01	26	170	3	0.01	<2	2	5
SE005786		10	<1	0.05	<10	0.19	122	2	<0.01	17	180	3	0.01	<2	2	7
SE005787		10	<1	0.05	10	0.29	290	3	0.01	29	390	8	0.02	<2	3	14
SE005788		10	<1	0.11	30	0.79	1285	4	0.02	112	890	12	0.07	<2	7	132
SE005789		10	<1	0.04	<10	0.54	127	1	0.01	45	190	4	0.02	<2	3	18

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North Vancouver BC V7H 0A7
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To: SOLITAIRE MINERALS INC.
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
SE005000	Summit B	<20	0.13	<10	<10	78	<10	81
SE005751		<20	0.26	<10	<10	89	<10	58
SE005752		<20	0.22	<10	<10	86	<10	91
SE005753		<20	0.22	<10	<10	93	<10	73
SE005754		<20	0.08	<10	<10	78	<10	55
SE005755		<20	0.12	<10	<10	69	<10	75
SE005756		<20	0.11	<10	<10	29	<10	133
SE005757		<20	0.11	<10	<10	54	<10	63
SE005758		<20	<0.01	<10	<10	35	<10	36
SE005759	Summit B	<20	0.19	<10	<10	56	<10	127
SE005760		<20	0.03	<10	<10	93	<10	58
SE005761		<20	0.09	<10	<10	96	<10	109
SE005762		<20	0.04	<10	<10	43	<10	62
SE005763		<20	0.02	<10	<10	51	<10	76
SE005764		<20	0.03	<10	<10	69	<10	61
SE005765		<20	0.01	<10	<10	19	<10	43
SE005766		<20	0.01	<10	<10	21	<10	28
SE005767		<20	0.01	<10	<10	24	<10	29
SE005768		<20	0.02	<10	<10	59	<10	156
SE005769		<20	0.03	<10	<10	50	<10	140
SE005770		<20	0.05	<10	<10	53	<10	89
SE005771		<20	0.02	<10	<10	48	<10	128
SE005772		<20	0.01	<10	<10	66	<10	238
SE005773		<20	0.01	<10	<10	20	<10	73
SE005774		<20	0.01	<10	<10	49	<10	162
SE005775		<20	0.01	<10	<10	49	<10	149
SE005776		<20	0.02	<10	<10	49	<10	108
SE005777	Summit D	<20	0.01	<10	<10	59	<10	138
SE005778		<20	0.03	<10	<10	56	<10	64
SE005779		<20	0.01	<10	<10	52	<10	96
SE005780		<20	0.01	<10	<10	73	<10	146
SE005781		<20	0.03	<10	<10	36	<10	62
SE005782		<20	0.02	<10	<10	36	<10	114
SE005783		<20	0.04	<10	<10	44	<10	59
SE005784		<20	0.02	<10	<10	48	<10	79
SE005785		<20	0.03	<10	<10	45	<10	51
SE005786		<20	0.03	<10	<10	41	<10	44
SE005787		<20	0.04	<10	<10	60	<10	113
SE005788		<20	0.02	<10	<10	77	<10	139
SE005789		<20	0.02	<10	<10	48	<10	67

***** See Appendix Page for comments regarding this certificate *****

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430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 12-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10085379

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Chemex
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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

CERTIFICATE WH10078924

Project: Summit Blocks

P.O. No.:

This report is for 174 Soil samples submitted to our lab in Whitehorse, YT, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

CHARLES DESJARDINS	CARL SCHULZE	

SAMPLE PREPARATION

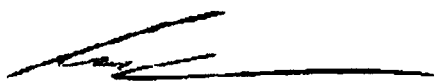
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **SOLITAIRE MINERALS INC.**
ATTN: CARL SCHULZE
35 DAWSON ROAD
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
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Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE004798		0.46	<0.005	0.3	3.43	8	<10	90	1.7	<2	0.21	<0.5	12	40	36	4.87
SE004799		0.46	<0.005	0.3	3.95	7	<10	60	1.9	<2	0.15	<0.5	9	34	27	4.91
SE004800		0.54	<0.005	0.3	2.90	10	<10	200	1.1	<2	0.58	<0.5	17	55	55	4.63
SE004801		0.46	<0.005	0.2	2.18	9	<10	70	0.8	<2	0.08	<0.5	7	34	22	4.34
SE004802		0.52	<0.005	0.2	3.86	8	<10	120	2.9	<2	0.18	<0.5	13	36	22	4.97
SE004803		0.52	0.025	0.2	2.15	8	<10	110	0.7	<2	0.08	<0.5	15	41	29	4.91
SE004804		0.56	<0.005	0.3	1.64	3	<10	50	1.3	<2	0.39	<0.5	27	49	25	5.73
SE004805		0.60	<0.005	0.4	3.51	38	<10	150	1.0	<2	0.31	0.5	28	56	61	5.08
SE004806		0.44	<0.005	0.3	3.15	20	<10	170	1.4	<2	0.28	0.6	15	42	34	5.12
SE004807		0.36	<0.005	0.5	2.29	5	<10	110	0.6	<2	0.07	0.5	14	41	42	5.10
SE004808		0.30	<0.005	0.4	2.33	12	<10	80	1.0	<2	0.05	0.5	8	33	32	4.49
SE004809		0.36	<0.005	0.2	2.61	12	<10	120	0.7	<2	0.19	0.7	18	36	40	4.01
SE004810		0.42	<0.005	0.5	2.43	18	<10	570	0.9	<2	0.73	0.8	29	41	65	4.84
SE004811		0.38	<0.005	0.4	1.99	11	<10	430	0.8	<2	0.23	0.7	17	40	39	4.86
SE004812		0.34	<0.005	0.2	1.49	10	<10	160	0.7	<2	0.62	0.8	23	34	30	4.39
SE004813		0.42	0.007	0.3	1.98	18	<10	290	0.8	<2	1.08	<0.5	21	35	70	5.48
SE004814		0.44	<0.005	0.3	1.77	14	<10	230	0.6	<2	0.49	<0.5	21	35	42	5.16
SE004815		0.40	<0.005	0.2	2.15	14	<10	100	0.7	<2	0.11	<0.5	12	38	29	5.24
SE004816		0.50	<0.005	0.3	2.39	15	<10	80	0.6	<2	0.13	<0.5	11	43	31	4.93
SE004817		0.46	<0.005	0.3	2.25	16	<10	220	1.0	<2	0.16	<0.5	11	40	30	5.11
SE004818		0.44	<0.005	0.5	1.95	12	<10	340	0.9	<2	0.52	0.9	15	41	44	4.85
SE004819		0.34	<0.005	0.2	1.61	11	<10	180	0.5	<2	0.05	<0.5	9	34	24	4.75
SE004820		0.30	<0.005	<0.2	2.46	19	<10	160	0.7	2	0.26	<0.5	15	44	53	5.34
SE004821		0.54	<0.005	<0.2	1.94	46	<10	280	1.3	<2	1.86	<0.5	35	12	184	4.78
SE004822		0.48	<0.005	0.4	2.15	45	<10	260	1.0	<2	0.68	<0.5	34	32	127	5.21
SE004823		0.32	<0.005	0.4	1.99	14	<10	170	0.5	<2	0.05	0.8	13	29	39	4.46
SE004824		0.46	<0.005	0.3	3.44	16	<10	150	0.8	<2	0.30	<0.5	21	37	50	5.69
SE004825		0.44	0.005	0.4	3.12	17	<10	140	0.7	2	0.13	<0.5	19	36	76	5.96
SE004826		0.42	<0.005	0.4	2.64	11	<10	90	1.1	<2	0.14	0.6	15	41	54	6.06
SE004827		0.52	0.005	0.7	2.69	16	<10	110	0.6	<2	0.06	0.5	13	38	56	5.96
SE004828		0.38	<0.005	0.4	2.53	12	<10	70	1.7	<2	0.10	<0.5	9	23	24	5.33
SE004829		0.38	<0.005	0.2	1.74	11	<10	180	0.5	<2	0.10	<0.5	8	25	43	4.41
SE004830		0.52	<0.005	0.2	3.23	16	<10	130	1.2	<2	0.19	<0.5	17	42	39	5.72
SE004831		0.62	<0.005	<0.2	2.68	20	<10	140	0.8	2	0.31	<0.5	22	31	107	5.61
SE004832		0.58	<0.005	0.2	3.11	13	<10	190	1.0	<2	0.28	<0.5	19	38	89	5.30
SE004833		0.52	0.005	0.2	2.45	12	<10	320	0.6	<2	0.56	<0.5	13	29	70	4.41
SE004834		0.54	<0.005	0.2	2.93	16	<10	230	0.9	<2	0.37	<0.5	18	30	81	5.38
SE004835		0.42	<0.005	<0.2	2.74	18	<10	210	0.8	<2	0.55	<0.5	19	33	78	5.31
SE004836		0.52	0.005	0.2	2.48	21	<10	210	0.6	<2	0.30	<0.5	19	21	87	4.75
SE004837		0.50	<0.005	<0.2	2.14	14	<10	180	0.6	2	0.22	<0.5	12	14	70	4.45

***** See Appendix Page for comments regarding this certificate *****

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE004798		20	1	0.05	20	0.75	922	2	0.03	38	1060	5	0.11	<2	3	11
SE004799		20	1	0.05	20	0.62	823	3	0.03	28	1030	6	0.10	<2	3	6
SE004800		10	<1	0.05	20	0.91	815	2	0.02	40	1030	4	0.07	<2	3	34
SE004801		20	<1	0.04	10	0.47	528	3	0.01	19	790	8	0.05	<2	2	7
SE004802		20	<1	0.06	30	0.62	838	2	0.03	34	830	7	0.08	<2	5	13
SE004803		20	1	0.05	10	0.45	1520	3	0.01	21	1850	7	0.16	<2	2	8
SE004804		10	<1	0.07	20	2.38	990	1	0.10	91	920	2	0.04	<2	4	29
SE004805		10	<1	0.07	10	1.31	1480	2	0.02	70	1220	7	0.10	<2	6	22
SE004806		20	<1	0.05	20	0.69	1150	3	0.03	41	1300	6	0.14	<2	4	22
SE004807		20	<1	0.04	10	0.20	1955	3	0.02	15	1260	8	0.17	<2	2	8
SE004808		20	<1	0.06	20	0.31	1200	3	0.02	19	1100	8	0.12	<2	1	7
SE004809		10	1	0.05	10	0.42	1435	1	0.02	25	1170	11	0.10	<2	1	15
SE004810		10	<1	0.08	10	0.73	2570	1	0.03	43	1760	8	0.11	<2	4	65
SE004811		10	<1	0.07	10	0.48	2150	2	0.02	33	1510	9	0.10	<2	2	26
SE004812		10	<1	0.10	10	0.50	2290	2	0.02	24	1050	9	0.08	<2	2	36
SE004813		10	<1	0.09	10	0.75	1890	1	0.02	35	2360	5	0.14	<2	5	49
SE004814		10	<1	0.08	10	0.61	2080	2	0.02	32	1700	5	0.10	<2	2	35
SE004815		10	<1	0.06	10	0.80	899	2	0.02	38	870	8	0.05	<2	3	10
SE004816		10	<1	0.06	10	1.02	664	2	0.02	44	1170	7	0.04	<2	3	10
SE004817		10	<1	0.07	10	0.62	1070	1	0.02	32	1480	8	0.06	<2	2	19
SE004818		10	<1	0.07	10	0.57	1710	1	0.02	36	1480	13	0.11	<2	2	42
SE004819		10	<1	0.06	10	0.36	761	2	0.02	19	1930	11	0.04	<2	2	8
SE004820		10	1	0.07	10	0.91	579	1	0.02	41	790	6	0.05	<2	4	16
SE004821		10	<1	0.13	40	0.77	1730	2	0.02	22	1810	11	0.13	<2	9	69
SE004822		10	1	0.10	20	0.72	2190	2	0.02	47	1200	9	0.07	<2	7	41
SE004823		10	<1	0.04	10	0.51	1025	2	0.01	19	1660	7	0.12	<2	1	14
SE004824		10	<1	0.04	20	1.18	763	1	0.02	52	1050	6	0.08	<2	4	24
SE004825		10	1	0.04	20	1.29	663	1	0.02	53	910	6	0.07	<2	5	9
SE004826		20	<1	0.05	20	0.77	964	2	0.02	36	1090	12	0.09	<2	4	12
SE004827		10	1	0.05	10	0.67	726	3	0.01	26	1480	11	0.07	<2	4	8
SE004828		20	<1	0.05	20	0.46	976	4	0.03	22	1100	11	0.07	<2	2	7
SE004829		10	<1	0.03	10	0.22	620	2	0.02	14	830	15	0.06	<2	2	12
SE004830		10	<1	0.04	20	0.84	840	2	0.02	37	660	11	0.06	<2	4	16
SE004831		10	<1	0.04	20	1.37	1245	1	0.02	36	1260	6	0.06	<2	6	18
SE004832		10	<1	0.06	20	1.25	879	1	0.02	60	1060	8	0.09	<2	6	19
SE004833		10	<1	0.05	20	1.07	850	1	0.02	25	1370	6	0.08	<2	3	26
SE004834		10	<1	0.06	20	1.12	1085	1	0.02	26	1150	8	0.06	<2	3	21
SE004835		10	<1	0.06	20	1.17	1155	1	0.02	35	1030	9	0.05	<2	4	27
SE004836		10	<1	0.05	20	0.88	756	1	0.01	21	1030	6	0.05	<2	4	16
SE004837		<10	<1	0.04	20	0.63	587	2	0.02	11	1630	2	0.09	<2	5	13

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
SE004798		<20	0.25	<10	<10	71	<10	82
SE004799		<20	0.23	<10	<10	59	<10	99
SE004800		<20	0.09	<10	<10	72	<10	73
SE004801		<20	0.16	<10	<10	74	<10	56
SE004802		<20	0.29	<10	<10	67	<10	113
SE004803		<20	0.14	<10	<10	88	<10	99
SE004804		<20	0.57	<10	<10	80	<10	106
SE004805		<20	0.26	<10	<10	84	<10	175
SE004806		<20	0.28	<10	<10	79	<10	125
SE004807		<20	0.23	<10	<10	107	<10	99
SE004808		<20	0.09	<10	<10	64	<10	95
SE004809		<20	0.07	<10	<10	91	<10	138
SE004810		<20	0.11	<10	<10	86	<10	106
SE004811		<20	0.11	<10	<10	95	<10	147
SE004812		<20	0.10	<10	<10	76	<10	94
SE004813		<20	0.06	<10	<10	69	<10	76
SE004814		<20	0.03	<10	<10	82	<10	66
SE004815		<20	0.11	<10	<10	71	<10	112
SE004816		<20	0.09	<10	<10	79	<10	96
SE004817		<20	0.09	<10	<10	83	<10	122
SE004818		<20	0.11	<10	<10	81	<10	144
SE004819		<20	0.13	<10	<10	89	<10	99
SE004820		<20	0.10	<10	<10	88	<10	89
SE004821		<20	0.01	<10	<10	72	<10	73
SE004822		<20	0.08	<10	<10	67	<10	69
SE004823		<20	0.04	<10	<10	71	<10	90
SE004824		<20	0.17	<10	<10	79	<10	77
SE004825		<20	0.19	<10	<10	80	<10	79
SE004826		<20	0.32	<10	<10	86	<10	106
SE004827		<20	0.13	<10	<10	79	<10	93
SE004828		<20	0.17	<10	<10	46	<10	77
SE004829		<20	0.23	<10	<10	105	<10	58
SE004830		<20	0.25	<10	<10	89	<10	78
SE004831		<20	0.07	<10	<10	69	<10	69
SE004832		<20	0.17	<10	<10	72	<10	81
SE004833		<20	0.03	<10	<10	64	<10	73
SE004834		<20	0.03	<10	<10	72	<10	71
SE004835		<20	0.07	<10	<10	74	<10	73
SE004836		<20	0.01	<10	<10	58	<10	49
SE004837		<20	0.01	<10	<10	62	<10	49

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE004838		0.50	<0.005	0.3	2.41	15	<10	130	0.7	<2	0.23	<0.5	14	25	58	4.50
SE004839		0.50	<0.005	<0.2	2.32	15	<10	200	0.9	<2	0.70	<0.5	10	18	76	4.06
SE004840		0.60	<0.005	0.3	2.67	22	<10	210	0.7	<2	0.35	<0.5	21	30	76	5.41
SE004841		0.60	<0.005	<0.2	2.48	19	<10	220	0.7	<2	0.52	<0.5	21	38	86	5.15
SE004842		0.52	<0.005	<0.2	2.13	13	<10	330	0.7	3	0.78	<0.5	13	31	54	3.97
SE004843		0.52	<0.005	0.2	3.10	11	<10	110	1.4	6	0.41	<0.5	10	42	46	4.90
SE004844		0.60	<0.005	0.3	2.17	14	<10	370	0.9	2	1.04	<0.5	12	23	72	3.46
SE004845		0.62	0.017	0.4	2.45	73	<10	90	1.1	4	0.85	<0.5	52	14	288	7.93
SE004846		0.40	0.018	0.2	1.79	75	<10	60	0.7	3	0.19	<0.5	51	9	231	6.52
SE004847		0.44	0.013	0.3	1.24	82	<10	190	0.5	4	0.53	0.7	42	11	200	4.94
SE004848		0.58	0.021	0.2	1.91	78	<10	120	0.8	2	0.67	0.7	39	12	193	6.81
SE004849		0.46	0.005	0.2	2.14	87	<10	130	0.7	4	0.12	0.6	14	22	71	5.26
SE004850		0.58	0.085	0.5	1.52	750	<10	250	0.5	5	0.02	0.8	24	9	65	7.62
SE004851		0.54	0.022	0.2	2.01	630	<10	120	1.0	3	0.06	<0.5	12	27	37	5.23
SE004852		0.58	0.011	<0.2	2.23	68	<10	60	0.6	4	0.96	0.8	46	9	190	6.59
SE004853		0.54	0.018	0.6	1.37	77	<10	60	0.6	4	0.63	1.1	36	7	229	8.10
SE004854		0.52	<0.005	0.2	1.73	15	<10	90	0.5	4	0.03	0.6	8	28	34	4.46
SE004855		0.40	<0.005	<0.2	1.97	14	<10	120	1.0	5	0.11	0.5	12	40	30	6.13
SE004856		0.48	<0.005	<0.2	3.23	15	<10	180	3.2	3	0.11	<0.5	7	25	18	5.08
SE004857		0.38	0.006	0.2	1.62	54	<10	100	0.7	2	0.07	<0.5	7	25	35	4.21
SE004858		0.52	0.006	<0.2	2.23	119	<10	90	1.0	5	0.06	<0.5	15	28	49	5.28
SE004859		0.48	0.009	<0.2	2.48	128	<10	80	1.0	2	0.28	<0.5	14	26	64	5.95
SE004860		0.54	0.012	0.2	0.53	54	<10	40	0.9	2	0.50	<0.5	23	4	72	5.16
SE004861		0.56	0.007	<0.2	1.48	33	<10	130	0.9	3	1.29	<0.5	24	12	235	5.02
SE004862		0.46	0.005	<0.2	2.20	21	<10	90	1.1	5	0.63	<0.5	19	12	92	5.40
SE004863		0.42	<0.005	<0.2	2.12	24	<10	110	0.6	3	0.91	<0.5	17	17	88	4.89
SE004864		0.54	<0.005	<0.2	1.88	52	<10	160	1.4	3	1.26	<0.5	23	23	114	7.49
SE004865		0.48	0.007	<0.2	2.26	150	<10	130	0.5	3	0.04	<0.5	20	23	164	5.65
SE004866		0.50	<0.005	0.2	1.74	87	<10	180	1.0	3	0.79	<0.5	16	21	125	5.73
SE004867		0.54	0.022	0.2	0.76	372	<10	260	<0.5	3	0.87	1.0	24	10	205	7.43
SE006263		0.50	0.011	<0.2	2.25	18	<10	210	1.0	4	1.14	<0.5	15	34	63	4.82
SE006264		0.46	0.006	<0.2	2.26	33	<10	140	1.0	<2	0.34	<0.5	23	18	140	5.61
SE006265		0.50	0.007	<0.2	2.72	65	<10	180	0.9	<2	0.14	<0.5	21	23	80	6.02
SE006266		0.58	0.005	<0.2	2.79	47	<10	170	1.2	<2	0.50	<0.5	17	33	86	5.38
SE006267		0.58	<0.005	<0.2	2.62	12	<10	260	1.4	2	0.91	<0.5	17	35	100	5.18
SE006268		0.48	<0.005	<0.2	2.31	21	<10	240	1.2	<2	0.69	<0.5	19	20	83	5.29
SE006269		0.54	<0.005	<0.2	2.56	18	<10	380	1.3	<2	0.86	0.7	28	24	104	5.25
SE006270		0.44	<0.005	<0.2	2.41	23	<10	200	0.9	<2	0.21	<0.5	21	18	86	9.60
SE006271		0.44	<0.005	<0.2	2.96	50	<10	190	1.1	2	0.17	<0.5	21	28	89	6.00
SE006272		0.48	0.021	<0.2	2.27	39	<10	110	0.5	2	0.12	<0.5	13	25	58	6.15

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
SE004838		10	<1	0.04	20	0.89	838	1	0.01	31	1250	6	0.15	<2	2	17
SE004839		10	<1	0.05	20	0.74	559	1	0.02	22	1490	6	0.20	<2	3	29
SE004840		10	<1	0.06	20	1.25	1205	1	0.02	35	810	8	0.12	<2	6	20
SE004841		10	<1	0.08	20	1.31	1210	1	0.02	42	1000	8	0.11	<2	6	24
SE004842		10	<1	0.04	20	0.64	1070	1	<0.01	21	2290	7	0.16	<2	3	34
SE004843		10	<1	0.02	30	0.58	522	<1	<0.01	26	1550	7	0.16	<2	4	16
SE004844		10	1	0.04	30	0.62	490	1	<0.01	20	2190	8	0.17	<2	1	37
SE004845		<10	<1	0.05	30	1.17	1590	8	<0.01	37	1490	17	0.34	5	8	46
SE004846		<10	<1	0.02	30	0.58	1800	4	<0.01	15	1250	15	0.05	2	4	12
SE004847		<10	<1	0.04	20	0.42	2730	3	<0.01	21	1870	15	0.12	3	2	21
SE004848		<10	1	0.04	20	0.79	1525	2	<0.01	31	1030	11	0.09	4	8	32
SE004849		10	1	0.03	20	0.40	1210	2	<0.01	18	1570	6	0.12	<2	1	14
SE004850		<10	1	0.14	30	0.12	1335	14	0.05	15	1910	17	0.65	5	1	70
SE004851		10	<1	0.04	20	0.44	1410	2	<0.01	23	820	12	0.08	<2	2	6
SE004852		<10	1	0.03	30	0.90	1575	3	<0.01	22	1520	14	0.10	4	7	29
SE004853		<10	1	0.03	20	0.55	1680	5	<0.01	38	1310	14	0.11	9	8	15
SE004854		10	<1	0.03	10	0.37	702	2	<0.01	14	950	9	0.08	<2	1	5
SE004855		20	<1	0.03	20	0.48	951	2	<0.01	26	840	11	0.09	<2	3	11
SE004856		20	<1	0.04	30	0.33	826	3	0.03	18	1090	13	0.13	<2	2	6
SE004857		10	1	0.03	20	0.20	474	2	<0.01	12	1730	12	0.14	<2	1	7
SE004858		10	<1	0.02	20	0.28	1370	2	<0.01	16	1150	11	0.14	<2	2	6
SE004859		10	1	0.02	20	0.58	909	2	<0.01	30	1140	10	0.12	<2	2	12
SE004860		<10	<1	0.05	40	0.15	1525	5	<0.01	17	1470	11	0.10	3	4	22
SE004861		<10	<1	0.06	30	0.53	1445	2	<0.01	23	1300	13	0.09	<2	5	53
SE004862		10	<1	0.04	40	0.80	1450	1	<0.01	25	1440	17	0.05	<2	3	41
SE004863		<10	1	0.04	20	0.88	970	1	<0.01	26	970	8	0.08	<2	4	60
SE004864		<10	<1	0.03	40	0.70	2340	2	0.01	42	1230	10	0.11	<2	6	70
SE004865		10	<1	0.03	20	0.53	794	4	<0.01	21	820	8	0.07	<2	3	9
SE004866		10	<1	0.05	20	0.36	1530	1	<0.01	15	2280	7	0.17	<2	2	35
SE004867		<10	1	0.05	10	0.16	3510	2	<0.01	10	2970	9	0.24	<2	2	31
SE006263		10	<1	0.03	20	0.89	1015	1	<0.01	48	1260	7	0.16	<2	5	47
SE006264		10	<1	0.07	40	0.90	1525	1	0.01	26	1410	10	0.01	<2	9	23
SE006265		10	1	0.06	30	0.98	1245	1	0.01	30	810	10	0.02	2	4	13
SE006266		10	<1	0.06	30	0.83	889	1	0.01	34	1600	9	0.09	<2	5	39
SE006267		10	<1	0.05	30	1.15	881	<1	0.03	51	860	8	0.07	<2	8	42
SE006268		10	<1	0.06	30	0.78	1030	1	0.01	24	1280	8	0.06	2	4	33
SE006269		10	<1	0.06	30	0.92	2570	<1	0.02	26	1620	10	0.08	<2	10	39
SE006270		10	<1	0.07	40	0.94	2600	1	0.01	22	700	10	0.02	2	15	18
SE006271		10	<1	0.06	30	0.94	1070	1	0.01	37	1070	9	0.04	2	5	14
SE006272		10	1	0.06	20	0.73	905	1	0.01	20	920	8	0.05	<2	3	10

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
SE004838		<20	0.07	<10	<10	54	<10	73
SE004839		<20	0.03	<10	<10	48	<10	63
SE004840		<20	0.05	<10	<10	70	<10	75
SE004841		<20	0.06	<10	<10	72	<10	77
SE004842		<20	0.03	<10	<10	67	<10	65
SE004843		<20	0.21	<10	<10	79	<10	70
SE004844		<20	0.01	<10	<10	48	<10	67
SE004845		<20	<0.01	<10	<10	55	<10	91
SE004846		<20	<0.01	<10	<10	42	<10	69
SE004847		<20	0.01	<10	<10	42	<10	159
SE004848		<20	<0.01	<10	<10	44	<10	143
SE004849		<20	0.02	<10	<10	66	<10	76
SE004850		<20	0.01	<10	<10	29	<10	61
SE004851		<20	0.11	<10	<10	61	<10	73
SE004852		<20	0.01	<10	<10	56	<10	108
SE004853		<20	0.01	<10	<10	47	<10	108
SE004854		<20	0.12	<10	<10	82	<10	89
SE004855		<20	0.26	<10	<10	89	<10	101
SE004856		<20	0.15	<10	<10	47	<10	95
SE004857		<20	0.05	<10	<10	57	<10	59
SE004858		<20	0.09	<10	<10	69	<10	73
SE004859		<20	0.07	<10	<10	54	<10	105
SE004860		<20	0.01	<10	<10	11	<10	17
SE004861		<20	0.03	<10	<10	36	<10	55
SE004862		<20	0.03	<10	<10	34	<10	88
SE004863		<20	0.03	<10	<10	55	<10	82
SE004864		<20	0.14	<10	<10	49	<10	123
SE004865		<20	0.05	<10	<10	87	<10	72
SE004866		<20	0.04	<10	<10	67	<10	66
SE004867		<20	0.01	<10	<10	47	<10	78
SE006263		<20	0.17	<10	<10	59	<10	75
SE006264		<20	0.03	<10	<10	66	<10	73
SE006265		<20	0.05	<10	<10	63	<10	62
SE006266		<20	0.12	<10	<10	68	<10	90
SE006267		<20	0.22	<10	<10	63	<10	94
SE006268		<20	0.04	<10	<10	56	<10	68
SE006269		<20	0.08	<10	<10	80	<10	183
SE006270		<20	0.02	<10	<10	78	<10	56
SE006271		<20	0.10	<10	<10	67	<10	74
SE006272		<20	0.07	<10	<10	70	<10	65

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	.2	0.01	0.5	1	1	1	0.01
SE006273	0.50	0.005	<0.2	2.43	43	<10	310	1.5	2	0.96	<0.5	22	26	155	7.64
SE006274	0.46	0.037	0.3	2.18	1080	<10	90	0.6	<2	0.08	<0.5	21	21	236	5.83
SE006275	0.44	<0.005	<0.2	2.90	13	<10	150	2.0	3	0.46	<0.5	20	35	34	5.68
SE006276	0.48	<0.005	<0.2	3.12	13	<10	160	1.8	<2	0.52	<0.5	20	39	66	5.54
SE006277	0.52	<0.005	<0.2	2.76	32	<10	160	1.3	2	0.28	<0.5	26	33	82	6.07
SE006278	0.48	<0.005	<0.2	2.99	36	<10	180	1.0	2	0.19	<0.5	25	24	92	5.84
SE006279	0.48	0.006	<0.2	2.46	47	<10	130	0.7	<2	0.12	<0.5	21	18	80	5.99
SE006280	0.58	0.007	<0.2	2.17	25	<10	150	0.9	2	0.54	<0.5	21	27	67	6.17
SE006281	0.40	0.005	0.2	3.12	23	<10	190	1.4	2	0.38	<0.5	23	34	116	6.00
SE006282	0.50	0.005	<0.2	2.23	25	<10	180	1.2	<2	0.43	<0.5	24	32	69	6.66
SE006283	0.36	<0.005	<0.2	2.34	25	<10	190	0.9	3	0.27	<0.5	24	24	77	6.32
SE006284	0.58	0.009	<0.2	2.05	33	<10	140	1.0	<2	0.18	<0.5	24	14	147	6.47
SE006285	0.44	<0.005	0.2	2.53	18	<10	190	1.1	<2	0.39	<0.5	18	28	63	5.48
SE006286	0.50	<0.005	<0.2	2.57	33	<10	170	0.9	<2	0.18	<0.5	26	20	112	5.88
SE006287	0.46	0.048	<0.2	3.03	15	<10	190	1.3	2	0.23	<0.5	21	47	68	5.96
SE006288	0.52	<0.005	<0.2	3.09	16	<10	180	1.4	<2	0.34	<0.5	22	44	67	5.39
SE006289	0.48	<0.005	<0.2	2.19	34	<10	160	0.7	<2	0.33	<0.5	26	23	62	5.53
SE006290	0.36	<0.005	<0.2	3.82	15	<10	150	3.8	<2	0.35	<0.5	12	27	20	5.12
SE006291	0.44	<0.005	<0.2	3.21	27	<10	120	2.8	<2	0.23	<0.5	16	32	45	5.21
SE006292	0.34	<0.005	<0.2	2.25	17	<10	160	0.8	<2	0.27	<0.5	12	24	39	4.76
SE006293	0.42	<0.005	<0.2	1.78	59	<10	110	0.7	<2	0.15	<0.5	10	24	52	5.05
SE006294	0.40	0.026	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SE006295	0.36	0.005	<0.2	1.88	12	<10	240	1.7	2	2.44	<0.5	9	16	52	3.24
SE006296	0.50	<0.005	0.2	2.39	21	<10	230	1.8	<2	0.86	<0.5	18	19	80	5.45
SE006297	0.50	<0.005	<0.2	2.75	16	<10	230	1.7	<2	0.92	<0.5	21	36	123	6.32
SE006298	0.40	0.012	0.3	1.66	49	<10	250	0.9	2	0.63	<0.5	24	27	476	10.55
SE006299	0.46	<0.005	<0.2	2.20	26	<10	220	0.9	<2	0.27	<0.5	22	15	93	6.08
SE006300	0.42	0.005	0.2	2.77	8	<10	190	2.2	<2	0.54	<0.5	20	36	41	4.94
SE006301	0.48	<0.005	<0.2	2.67	19	<10	140	1.0	<2	0.25	<0.5	23	42	55	5.38
SE006302	0.52	0.022	<0.2	2.63	520	<10	110	1.4	<2	0.38	<0.5	24	26	151	5.77
SE006303	0.44	0.389	0.5	2.29	4090	<10	120	0.9	2	0.41	<0.5	45	23	575	7.26
SE006304	0.44	0.025	<0.2	2.39	803	<10	100	1.6	<2	0.46	<0.5	19	31	148	5.92
SE006305	0.50	0.034	<0.2	2.60	648	<10	110	1.6	<2	0.25	<0.5	26	25	236	5.88
SE006306	0.44	0.015	<0.2	3.14	97	<10	60	1.7	<2	0.11	<0.5	10	25	66	5.05
SE006307	0.48	0.014	<0.2	2.59	105	<10	190	0.8	<2	0.21	<0.5	24	27	136	5.57
SE006308	0.48	<0.005	<0.2	3.00	25	<10	150	2.3	<2	0.61	<0.5	16	23	74	5.04
SE006309	0.44	<0.005	<0.2	2.74	10	<10	140	2.1	<2	0.64	<0.5	10	25	32	4.56
SE006310	0.44	0.005	<0.2	2.53	22	<10	140	0.9	<2	0.21	<0.5	20	22	55	5.34
SE006311	0.42	<0.005	<0.2	1.94	8	<10	110	0.9	<2	0.78	<0.5	14	19	29	4.71
SE006312	0.46	0.005	<0.2	2.19	25	<10	150	1.1	<2	0.30	<0.5	21	20	70	5.17

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CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE006273		10	<1	0.05	40	0.83	2530	1	0.02	28	1730	7	0.11	<2	18	39
SE006274		10	<1	0.05	20	0.52	852	1	0.01	18	970	8	0.07	2	3	10
SE006275		10	1	0.05	30	1.37	1040	1	0.07	60	1020	5	0.05	<2	4	22
SE006276		10	<1	0.05	30	1.22	980	<1	0.04	56	1150	8	0.06	<2	5	21
SE006277		10	<1	0.07	30	1.10	1245	1	0.02	44	1240	12	0.04	2	6	21
SE006278		10	<1	0.07	30	0.97	1105	1	0.01	33	1050	12	0.03	2	4	16
SE006279		10	<1	0.06	30	0.79	1135	1	0.01	20	920	10	0.04	2	3	10
SE006280		10	<1	0.06	20	0.79	1425	1	0.01	29	1450	10	0.08	<2	4	25
SE006281		10	<1	0.06	30	1.23	1145	1	0.03	59	1000	8	0.06	2	8	19
SE006282		10	<1	0.05	30	0.93	1575	1	0.02	49	1060	11	0.06	3	6	23
SE006283		10	<1	0.07	30	0.78	1425	1	0.01	27	1060	10	0.04	<2	4	17
SE006284		<10	<1	0.07	40	0.62	1445	1	0.01	20	860	7	0.01	<2	7	12
SE006285		10	<1	0.06	20	0.75	1080	1	0.01	27	1650	10	0.09	<2	3	30
SE006286		10	<1	0.06	30	0.83	1140	1	0.01	24	1110	10	0.03	<2	4	15
SE006287		10	<1	0.06	20	1.22	1285	1	0.02	68	1090	10	0.05	<2	12	16
SE006288		10	<1	0.06	20	1.30	997	1	0.02	60	1130	10	0.03	<2	6	15
SE006289		<10	<1	0.07	20	0.92	1050	2	0.01	26	730	13	0.02	<2	3	17
SE006290		20	<1	0.05	30	0.65	1020	1	0.04	34	1070	10	0.10	<2	3	18
SE006291		20	1	0.05	40	0.66	995	1	0.03	37	1010	12	0.10	<2	4	13
SE006292		10	<1	0.05	10	0.39	937	1	0.01	13	1220	25	0.08	<2	2	25
SE006293		10	<1	0.05	20	0.27	735	2	0.01	12	1090	14	0.10	<2	1	15
SE006294		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SE006295		10	<1	0.04	30	0.43	915	<1	0.03	18	1460	8	0.21	<2	2	91
SE006296		10	<1	0.06	40	0.74	1315	1	0.02	25	970	12	0.08	<2	5	42
SE006297		10	<1	0.05	30	1.06	1480	1	0.03	43	1180	8	0.10	<2	10	46
SE006298		10	<1	0.05	30	0.75	3350	2	0.02	34	1270	8	0.08	<2	20	34
SE006299		<10	<1	0.06	30	0.68	1325	1	0.01	19	830	10	0.02	<2	5	21
SE006300		10	1	0.05	30	1.43	1070	2	0.05	84	850	10	0.07	<2	5	25
SE006301		10	1	0.04	20	0.96	936	2	0.01	51	1250	14	0.09	<2	4	17
SE006302		10	1	0.05	30	0.91	947	2	0.01	37	810	10	0.06	<2	4	21
SE006303		10	1	0.04	30	0.89	943	2	0.01	35	910	9	0.06	<2	6	25
SE006304		10	1	0.05	20	0.51	1050	2	0.01	27	1530	8	0.14	<2	3	25
SE006305		10	<1	0.05	30	0.77	1135	3	0.02	36	1060	8	0.07	<2	5	15
SE006306		20	1	0.05	20	0.38	736	3	0.03	19	980	10	0.10	<2	3	7
SE006307		<10	1	0.05	30	1.07	1075	2	0.01	36	830	9	0.02	<2	7	17
SE006308		10	1	0.05	40	0.71	1305	2	0.01	28	1170	13	0.08	<2	3	38
SE006309		10	1	0.04	30	0.40	1240	2	0.02	20	1670	12	0.13	<2	1	59
SE006310		<10	1	0.04	30	0.84	1065	1	0.01	32	910	13	0.04	<2	4	20
SE006311		10	1	0.04	20	0.51	1925	<1	0.01	20	1450	10	0.07	<2	3	43
SE006312		10	1	0.05	30	0.73	1180	1	0.01	30	930	9	0.03	<2	4	19

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
SE006273		<20	0.05	<10	<10	93	<10	65
SE006274		<20	0.06	<10	<10	66	<10	67
SE006275		<20	0.46	<10	<10	72	<10	99
SE006276		<20	0.30	<10	<10	72	<10	98
SE006277		<20	0.10	<10	<10	68	<10	86
SE006278		<20	0.06	<10	<10	63	<10	75
SE006279		<20	0.02	<10	<10	55	<10	56
SE006280		<20	0.07	<10	<10	65	<10	66
SE006281		<20	0.26	<10	<10	66	<10	82
SE006282		<20	0.15	<10	<10	61	<10	75
SE006283		<20	0.03	<10	<10	58	<10	57
SE006284		<20	0.01	<10	<10	50	<10	41
SE006285		<20	0.07	<10	<10	68	<10	73
SE006286		<20	0.02	<10	<10	63	<10	59
SE006287		<20	0.16	<10	<10	68	<10	97
SE006288		<20	0.19	<10	<10	69	<10	124
SE006289		<20	0.03	<10	<10	57	<10	74
SE006290		<20	0.25	<10	<10	50	<10	130
SE006291		<20	0.25	<10	<10	64	<10	92
SE006292		<20	0.10	<10	<10	94	<10	84
SE006293		<20	0.09	<10	<10	104	<10	82
SE006294		NSS	NSS	NSS	NSS	NSS	NSS	NSS
SE006295		<20	0.08	<10	<10	29	<10	85
SE006296		<20	0.08	<10	<10	45	<10	76
SE006297		<20	0.17	<10	<10	74	<10	88
SE006298		<20	0.08	<10	<10	106	<10	58
SE006299		<20	0.01	<10	<10	48	<10	52
SE006300		<20	0.35	<10	<10	58	<10	94
SE006301		<20	0.15	<10	<10	68	<10	82
SE006302		<20	0.09	<10	<10	58	<10	92
SE006303		<20	0.08	<10	<10	61	<10	75
SE006304		<20	0.13	<10	<10	66	<10	114
SE006305		<20	0.14	<10	<10	56	<10	79
SE006306		<20	0.15	<10	<10	47	<10	89
SE006307		<20	0.06	<10	<10	61	<10	78
SE006308		<20	0.08	<10	<10	49	<10	98
SE006309		<20	0.08	<10	<10	47	<10	76
SE006310		<20	0.07	<10	<10	51	<10	73
SE006311		<20	0.10	<10	<10	43	<10	74
SE006312		<20	0.05	<10	<10	47	<10	64

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SE006313		0.44	<0.005	<0.2	3.02	13	<10	160	1.6	<2	0.21	<0.5	18	36	49	4.79
SE006314		0.50	0.015	0.2	2.06	192	<10	90	1.0	<2	0.10	<0.5	23	16	151	6.09
SE006315		0.44	0.015	<0.2	2.73	110	<10	120	1.1	<2	0.17	<0.5	22	30	246	5.94
SE006212		0.50	<0.005	0.2	4.00	22	<10	230	1.7	<2	0.38	<0.5	28	61	114	6.45
SE006213		0.48	<0.005	<0.2	3.03	20	<10	170	1.7	<2	0.62	<0.5	27	41	62	8.48
SE006214		0.44	<0.005	<0.2	3.59	20	<10	130	2.1	<2	0.62	<0.5	21	43	59	5.62
SE006215		0.34	<0.005	<0.2	2.06	8	<10	140	1.4	<2	1.05	<0.5	17	38	42	5.26
SE006216		0.50	0.005	0.2	3.46	17	<10	130	1.2	<2	0.33	<0.5	26	54	117	5.96
SE006217		0.42	<0.005	<0.2	3.00	14	<10	90	1.0	<2	0.19	<0.5	21	51	56	5.17
SE006218		0.38	<0.005	<0.2	2.94	10	<10	150	1.5	<2	0.21	<0.5	19	42	49	5.20
SE006219		0.50	<0.005	<0.2	2.76	15	<10	230	0.9	<2	0.49	<0.5	24	46	92	5.53
SE006220		0.44	0.006	<0.2	3.05	12	<10	280	1.7	<2	0.39	<0.5	20	41	90	4.97
SE006221		0.46	0.006	0.2	3.22	20	<10	250	0.9	<2	0.25	<0.5	27	50	93	5.38
SE006222		0.54	0.006	<0.2	2.88	11	<10	190	0.9	<2	0.20	<0.5	20	46	52	5.21
SE006223		0.48	0.008	<0.2	3.24	19	<10	170	0.8	<2	0.27	<0.5	25	58	100	5.43
SE006224		0.58	0.005	<0.2	3.58	9	<10	110	1.6	<2	0.42	<0.5	20	43	72	5.56
SE006225		0.54	0.005	<0.2	3.37	39	<10	110	1.8	<2	0.51	<0.5	30	45	140	6.09
SE006226		0.38	0.010	<0.2	2.23	34	<10	200	1.0	<2	0.86	<0.5	19	38	111	4.49
SE006227		0.50	0.007	<0.2	2.64	23	<10	230	0.9	<2	0.46	<0.5	26	41	107	5.40
SE006228		0.52	0.007	<0.2	2.89	21	<10	240	1.0	<2	0.39	<0.5	28	39	95	5.71
SE006229		0.54	0.009	<0.2	2.63	27	<10	240	0.8	<2	0.20	<0.5	28	31	112	5.63
SE006230		0.50	0.009	<0.2	2.92	19	<10	240	0.9	<2	0.33	<0.5	24	40	108	5.48
SE006231		0.48	0.006	<0.2	2.55	7	<10	380	0.6	<2	1.02	<0.5	18	45	153	4.35
SE006232		0.42	0.006	<0.2	2.90	15	<10	170	0.9	<2	0.31	<0.5	24	45	66	5.31
SE006233		0.50	0.006	<0.2	2.77	18	<10	260	0.9	<2	0.48	<0.5	22	41	77	5.23
SE006234		0.50	0.015	<0.2	2.32	25	<10	210	0.7	<2	0.32	<0.5	29	23	125	5.74
SE006235		0.50	<0.005	<0.2	3.21	15	<10	190	1.3	<2	0.30	<0.5	21	42	68	4.99
SE006236		0.50	<0.005	0.2	2.64	18	<10	160	1.4	<2	0.30	<0.5	22	34	67	5.84
SE006237		0.48	0.016	<0.2	2.84	25	<10	150	0.9	<2	0.12	<0.5	31	27	73	5.55
SE006238		0.74	0.010	<0.2	2.52	29	<10	130	0.8	<2	0.56	<0.5	31	14	141	6.03
SE006239		0.48	0.008	0.2	1.47	27	<10	120	0.6	<2	0.22	<0.5	37	6	80	6.66
SE006240		0.46	0.019	0.2	0.56	43	<10	100	0.8	<2	0.09	<0.5	90	4	25	5.01
SE006241		0.46	0.016	0.5	1.19	41	<10	70	0.7	<2	0.12	<0.5	23	11	93	4.58
SE006242		0.44	<0.005	<0.2	3.07	20	<10	160	1.2	<2	0.19	<0.5	23	37	59	5.54
SE006243		0.44	<0.005	0.4	3.01	27	<10	100	1.8	<2	0.15	<0.5	25	29	56	10.45
SE006244		0.36	<0.005	<0.2	3.25	10	<10	150	2.5	<2	0.31	<0.5	10	28	23	4.64
TE006245		0.50	0.009	<0.2	2.13	37	<10	130	0.5	<2	0.61	<0.5	25	17	140	5.39
TE006246		0.50	0.009	<0.2	1.83	43	<10	60	<0.5	<2	1.77	<0.5	24	10	133	4.91
TE006247		0.52	0.011	<0.2	1.80	43	<10	60	<0.5	<2	1.83	0.6	25	10	148	5.05
TE006248		0.54	0.011	0.2	1.80	43	<10	60	<0.5	<2	1.70	<0.5	25	11	127	5.06

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SE006313		10	1	0.06	20	0.84	855	1	0.02	48	960	10	0.07	<2	4	16
SE006314		<10	<1	0.05	30	0.47	1050	2	0.01	23	1150	7	0.07	<2	2	10
SE006315		10	1	0.04	20	1.01	1040	2	0.01	47	670	9	0.06	<2	5	12
SE006212		10	1	0.04	30	1.70	1355	1	0.02	83	1090	10	0.08	2	10	27
SE006213		10	1	0.03	20	1.30	2950	2	0.02	52	1150	11	0.11	<2	6	30
SE006214		10	1	0.04	30	1.02	1300	2	0.03	50	1170	11	0.12	<2	6	25
SE006215		20	1	0.04	20	0.61	2030	2	0.02	27	1730	11	0.17	<2	2	33
SE006216		10	1	0.04	20	1.42	1530	1	0.02	68	1130	9	0.10	<2	10	21
SE006217		10	1	0.04	20	0.96	1905	2	0.02	54	1200	7	0.12	<2	5	11
SE006218		10	1	0.05	20	0.98	1095	2	0.02	46	1080	9	0.08	<2	4	15
SE006219		10	1	0.06	20	1.31	1160	1	0.02	56	1100	6	0.05	<2	7	29
SE006220		10	1	0.06	30	1.13	949	1	0.02	44	1280	11	0.06	<2	5	28
SE006221		10	1	0.05	20	1.56	1160	1	0.01	65	1060	8	0.04	<2	6	19
SE006222		10	1	0.05	20	1.03	837	1	0.01	52	1070	9	0.06	<2	5	17
SE006223		10	1	0.04	20	1.71	951	<1	0.01	76	920	5	0.04	<2	7	21
SE006224		10	2	0.04	20	1.11	1415	1	0.02	51	1410	8	0.14	<2	6	17
SE006225		10	1	0.04	20	1.36	1220	1	0.03	75	890	9	0.09	<2	5	17
SE006226		10	1	0.04	10	0.81	1290	1	0.01	45	1680	10	0.14	<2	4	26
SE006227		10	1	0.05	30	1.31	1280	1	0.01	45	1310	10	0.05	<2	6	27
SE006228		10	1	0.05	30	1.38	1100	1	0.01	47	830	8	0.02	<2	9	24
SE006229		10	<1	0.05	30	1.19	1220	1	0.01	37	770	8	0.02	<2	8	15
SE006230		10	1	0.06	30	1.40	1205	1	0.01	45	990	8	0.03	<2	8	19
SE006231		10	1	0.05	20	1.50	838	1	0.01	40	1460	5	0.07	<2	6	41
SE006232		10	2	0.06	20	1.27	996	1	0.02	62	990	11	0.06	<2	6	18
SE006233		10	1	0.06	20	1.18	1185	1	0.01	40	1120	11	0.06	<2	5	24
SE006234		<10	1	0.05	30	1.15	1295	1	0.01	28	1090	11	0.01	<2	8	19
SE006235		10	1	0.05	20	1.23	1245	1	0.02	55	1040	7	0.03	<2	6	16
SE006236		10	1	0.06	20	0.87	1500	2	0.01	41	1160	14	0.07	<2	4	16
SE006237		10	1	0.06	20	0.98	1285	2	0.01	34	830	14	0.04	<2	5	14
SE006238		<10	1	0.12	30	1.11	1410	3	0.01	18	1370	15	0.11	<2	9	41
SE006239		<10	<1	0.07	30	0.46	2090	7	<0.01	21	1760	9	<0.01	<2	10	12
SE006240		<10	1	0.03	10	0.10	1170	3	<0.01	38	910	9	0.01	<2	5	6
SE006241		<10	<1	0.03	40	0.44	646	9	<0.01	38	760	15	0.02	<2	4	9
SE006242		10	<1	0.06	20	1.06	963	2	0.01	49	1250	14	0.06	<2	5	16
SE006243		10	1	0.05	20	0.79	3050	4	0.01	37	1300	15	0.07	<2	5	11
SE006244		20	1	0.05	30	0.59	596	2	0.03	28	1110	12	0.09	<2	2	21
TE006245		<10	1	0.04	20	1.23	838	2	0.01	32	1030	10	0.08	<2	5	29
TE006246		<10	1	0.04	10	0.96	773	2	0.01	20	1300	8	0.29	<2	5	49
TE006247		<10	1	0.04	20	0.93	794	2	0.01	21	1340	10	0.29	<2	5	52
TE006248		<10	1	0.04	10	0.95	753	2	0.01	23	1260	10	0.38	<2	5	50

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VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
SE006313		<20	0.13	<10	<10	57	<10	93
SE006314		<20	0.03	<10	<10	43	<10	59
SE006315		<20	0.17	<10	<10	60	<10	83
SE006212		<20	0.35	<10	<10	83	<10	67
SE006213		<20	0.23	<10	<10	79	<10	84
SE006214		<20	0.30	<10	<10	72	<10	73
SE006215		<20	0.16	<10	<10	69	<10	112
SE006216		<20	0.31	<10	<10	88	<10	70
SE006217		<20	0.23	<10	<10	76	<10	92
SE006218		<20	0.20	<10	<10	69	<10	76
SE006219		<20	0.15	<10	<10	72	<10	80
SE006220		<20	0.14	<10	<10	60	<10	64
SE006221		<20	0.13	<10	<10	74	<10	69
SE006222		<20	0.17	<10	<10	78	<10	68
SE006223		<20	0.19	<10	<10	85	<10	82
SE006224		<20	0.29	<10	<10	84	<10	111
SE006225		<20	0.35	<10	<10	82	<10	88
SE006226		<20	0.10	<10	<10	62	<10	64
SE006227		<20	0.12	<10	<10	70	<10	72
SE006228		<20	0.14	<10	<10	70	<10	65
SE006229		<20	0.05	<10	<10	65	<10	65
SE006230		<20	0.10	<10	<10	72	<10	88
SE006231		<20	0.05	<10	<10	67	<10	76
SE006232		<20	0.23	<10	<10	73	<10	92
SE006233		<20	0.08	<10	<10	75	<10	79
SE006234		<20	0.03	<10	<10	64	<10	68
SE006235		<20	0.13	<10	<10	67	<10	100
SE006236		<20	0.12	<10	<10	65	<10	108
SE006237		<20	0.03	<10	<10	77	<10	73
SE006238		<20	0.01	<10	<10	63	<10	101
SE006239		<20	<0.01	<10	<10	34	<10	45
SE006240		<20	0.01	<10	<10	16	<10	16
SE006241		<20	0.03	<10	<10	29	<10	49
SE006242		<20	0.15	<10	<10	68	<10	119
SE006243		<20	0.15	<10	<10	60	<10	122
SE006244		<20	0.15	<10	<10	49	<10	79
TE006245		<20	0.02	<10	<10	53	<10	82
TE006246		<20	<0.01	<10	<10	42	<10	76
TE006247		<20	<0.01	<10	<10	42	<10	80
TE006248		<20	<0.01	<10	<10	42	<10	78

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
TE006249		0.46	0.012	0.2	1.77	40	<10	50	<0.5	<2	1.55	0.5	25	10	125	4.96
TE006250		0.48	0.015	0.2	1.74	44	<10	60	<0.5	<2	1.52	0.6	29	10	149	5.20
TE006251		0.52	0.015	<0.2	1.78	40	<10	60	<0.5	<2	1.50	0.5	27	10	149	5.14
TE006252		0.48	0.017	0.2	1.67	49	<10	50	0.5	<2	1.68	<0.5	29	9	142	5.20
TE006253		0.56	0.009	<0.2	1.92	47	<10	70	0.5	<2	1.11	0.5	30	12	153	5.47
TE006254		0.54	0.006	<0.2	1.90	36	<10	60	<0.5	<2	1.22	<0.5	28	12	139	5.32
TE006255		0.46	0.005	<0.2	1.91	34	<10	70	0.5	<2	1.10	<0.5	30	12	142	5.33
TE006256		0.50	<0.005	<0.2	2.00	29	<10	70	0.5	<2	1.12	<0.5	27	14	112	5.12
TE006257		0.54	0.006	<0.2	2.05	23	<10	70	0.5	<2	0.95	<0.5	26	15	108	5.04
TE006258		0.48	0.014	<0.2	2.15	31	<10	90	0.5	<2	0.91	<0.5	32	16	135	5.49
TE006259		0.60	<0.005	<0.2	2.01	31	<10	140	0.6	<2	0.65	<0.5	33	38	132	5.68
TE006260		0.56	0.005	0.2	2.03	40	<10	150	0.7	<2	0.70	<0.5	32	50	109	5.22
TE006261		0.30	<0.005	<0.2	1.96	23	<10	230	1.2	<2	0.85	0.5	21	33	43	4.37
TE006262		0.34	<0.005	1.8	0.96	365	<10	780	<0.5	<2	0.88	<0.5	41	14	734	38.7

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
TE006249		<10	1	0.03	10	0.94	719	2	0.01	22	1220	8	0.38	<2	5	45
TE006250		<10	1	0.04	10	0.91	806	2	0.01	23	1270	9	0.31	<2	5	45
TE006251		<10	<1	0.04	10	0.94	764	2	0.01	23	1270	9	0.35	<2	5	44
TE006252		<10	1	0.04	10	0.85	743	2	0.01	24	1390	10	0.26	2	6	45
TE006253		<10	1	0.05	20	0.98	899	3	0.01	24	1360	11	0.29	<2	5	42
TE006254		<10	1	0.06	20	1.00	827	2	0.01	22	1320	9	0.48	<2	5	44
TE006255		<10	<1	0.06	20	0.97	1015	2	0.01	22	1320	11	0.30	<2	6	41
TE006256		<10	1	0.07	20	1.05	908	2	0.01	21	1330	8	0.44	<2	5	43
TE006257		<10	<1	0.07	10	1.07	915	2	0.01	22	1270	9	0.44	<2	5	38
TE006258		<10	1	0.07	20	1.10	982	3	0.01	26	1410	13	0.59	<2	8	36
TE006259		<10	1	0.04	10	1.28	1485	2	0.01	40	1280	10	0.19	<2	9	25
TE006260		10	1	0.06	10	1.12	1295	2	0.01	67	1390	6	0.12	<2	9	26
TE006261		10	1	0.12	20	0.62	1745	1	0.05	42	1520	7	0.18	<2	5	37
TE006262		<10	1	0.02	10	0.64	22700	22	0.01	87	1720	17	0.01	3	30	73

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North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
TE006249		<20	<0.01	<10	<10	41	<10	76
TE006250		<20	<0.01	<10	<10	41	<10	79
TE006251		<20	<0.01	<10	<10	41	<10	77
TE006252		<20	<0.01	<10	<10	41	<10	74
TE006253		<20	<0.01	<10	<10	44	<10	90
TE006254		<20	0.01	<10	<10	46	<10	81
TE006255		<20	<0.01	<10	<10	44	<10	79
TE006256		<20	0.01	<10	<10	47	<10	69
TE006257		<20	0.01	<10	<10	47	<10	71
TE006258		<20	0.01	<10	<10	51	<10	75
TE006259		<20	0.03	<10	<10	63	<10	72
TE006260		<20	0.05	<10	<10	64	<10	64
TE006261		<20	0.24	<10	<10	69	<10	108
TE006262		<20	0.01	<10	<10	366	<10	33

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VANCOUVER BC V7Y 1G5

Finalized Date: 28-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078924

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 30-JUN-2010
This copy reported on 21-JUL-2010
Account: SOMIIN

CERTIFICATE WH10078926

Project: Summit Blocks

P.O. No.:

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

CHARLES DESJARDINS	CARL SCHULZE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **SOLITAIRE MINERALS INC.**
ATTN: CARL SCHULZE
35 DAWSON ROAD
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V7Y 1G5

Finalized Date: 30-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078926

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
RE005712		1.26	0.007		<0.2	0.32	6	<10	60	<0.5	<2	11.1	<0.5	17	30	1
RE005713		0.81	<0.005		0.2	0.12	6	<10	240	<0.5	<2	22.5	<0.5	24	12	<1
RE005714		1.97	0.007		0.7	0.18	1020	<10	180	<0.5	<2	17.8	<0.5	220	1	694
RE005715		0.98	>10.0	17.90	18.5	0.08	>10000	<10	10	<0.5	22	0.14	<0.5	8	1	2390
RE005716		0.76	>10.0	10.90	15.2	0.25	>10000	<10	70	<0.5	15	0.21	<0.5	123	<1	3190
RE005717		2.57	1.875		1.4	0.44	>10000	<10	50	<0.5	2	0.06	<0.5	92	11	713
RE005718		1.94	0.050		1.1	0.79	1380	<10	80	<0.5	<2	0.23	<0.5	23	3	2800
RE005719		1.88	0.073		2.2	0.96	2640	<10	60	<0.5	9	0.19	<0.5	24	4	6140
RE005720		3.23	0.468		1.7	0.57	4710	<10	30	<0.5	2	0.18	<0.5	58	15	2200
RE005721		1.22	0.017		5.3	0.39	79	<10	50	<0.5	2	7.8	<0.5	15	5	>10000
RE005722		0.77	0.041		4.3	0.15	220	<10	30	<0.5	<2	4.80	<0.5	52	16	>10000
RE005723		1.52	0.027		1.9	0.16	231	<10	20	<0.5	<2	1.44	<0.5	32	7	4270
RE005724		1.27	0.187		1.7	0.21	710	<10	30	<0.5	<2	1.76	<0.5	51	21	3200
RE005725		1.38	0.016		4.0	0.07	107	<10	20	<0.5	<2	0.56	<0.5	37	7	8430
RE005726		1.81	0.005		<0.2	0.34	30	<10	50	<0.5	<2	3.76	<0.5	2	29	41
RE005727		1.59	0.008		0.5	0.46	17	<10	40	<0.5	<2	4.54	<0.5	131	16	7660
RE005728		1.86	0.009		<0.2	1.76	21	<10	200	<0.5	<2	3.13	<0.5	23	20	87
RE005729		2.24	0.006		0.2	0.67	7	<10	70	<0.5	<2	5.65	<0.5	42	8	2710
RE005730		0.61	<0.005		<0.2	4.36	11	<10	180	1.0	<2	2.76	<0.5	40	120	56
RE005731		1.49	0.005		1.2	0.10	8	<10	30	<0.5	<2	17.8	<0.5	7	1	4590
RE005732		1.71	<0.005		<0.2	0.37	14	<10	50	<0.5	<2	5.33	<0.5	16	9	19
RE005733		0.97	0.007		0.3	0.77	5450	<10	50	<0.5	<2	0.13	<0.5	70	4	4100

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North Vancouver BC V7H 0A7
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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 30-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078926

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
RE005712		5.08	<10	<1	0.05	<10	0.94	1090	<1	0.07	22	640	<2	0.08	2	25
RE005713		10.70	<10	1	0.01	<10	2.01	2330	<1	0.02	35	90	4	<0.01	2	66
RE005714		8.42	<10	1	0.02	10	6.43	3720	<1	0.04	493	90	7	1.3	12	5
RE005715		16.4	<10	<1	<0.01	<10	0.02	35	<1	0.02	3	90	34	0.27	256	1
RE005716		24.9	10	<1	0.03	<10	0.03	299	1	0.02	2	290	39	0.83	171	3
RE005717		14.7	<10	1	0.10	10	0.07	1485	<1	0.03	1	510	11	0.59	36	7
RE005718		4.93	<10	<1	0.18	20	0.18	1095	<1	0.06	7	1140	4	0.12	2	9
RE005719		6.38	<10	1	0.11	20	0.29	1100	<1	0.07	7	1230	4	0.12	5	11
RE005720		12.10	<10	1	0.06	<10	0.31	2350	1	0.06	11	460	7	1.40	14	12
RE005721		6.15	<10	1	0.14	10	1.94	1680	<1	0.04	35	480	3	1.80	4	10
RE005722		5.19	<10	<1	0.01	10	0.82	1535	1	0.07	49	500	6	1.59	6	14
RE005723		3.98	<10	<1	0.04	10	0.26	572	1	0.04	85	350	21	1.63	4	5
RE005724		9.58	<10	<1	0.06	<10	0.49	610	1	0.06	18	510	23	9.4	6	8
RE005725		15.7	<10	1	0.03	<10	1.26	3860	<1	0.02	46	60	25	1.77	18	4
RE005726		3.02	<10	1	0.12	10	0.39	1200	<1	0.03	2	300	2	0.13	<2	2
RE005727		3.10	<10	<1	0.24	10	1.59	855	<1	0.06	63	840	2	1.11	2	18
RE005728		6.70	10	1	0.22	10	0.59	777	1	0.04	22	2890	4	0.39	2	8
RE005729		3.55	<10	<1	0.28	<10	0.46	1230	<1	0.05	26	780	3	0.27	<2	16
RE005730		7.68	10	1	0.53	20	4.40	1115	1	1.18	200	1430	3	0.05	<2	15
RE005731		10.70	<10	1	0.05	<10	4.98	4490	<1	0.03	24	70	7	0.6	<2	2
RE005732		4.17	<10	<1	0.16	20	1.05	1740	<1	0.07	10	1380	2	0.18	<2	16
RE005733		12.00	10	<1	0.13	30	0.13	659	10	0.05	4	1400	3	0.05	6	6

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To: **SOLITAIRE MINERALS INC.**
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 30-JUN-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10078926

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	0.001
RE005712		39	<20	<0.01	<10	<10	66	<10	7	
RE005713		75	<20	<0.01	<10	<10	86	<10	12	
RE005714		101	<20	<0.01	<10	<10	27	<10	10	
RE005715		11	<20	<0.01	<10	<10	3	<10	<2	
RE005716		32	<20	<0.01	<10	<10	14	<10	6	
RE005717		10	<20	<0.01	<10	<10	19	<10	6	
RE005718		11	<20	<0.01	<10	<10	41	<10	13	
RE005719		9	<20	<0.01	<10	<10	47	<10	20	
RE005720		12	<20	<0.01	<10	<10	53	<10	14	
RE005721		80	<20	<0.01	<10	<10	23	<10	15	1.505
RE005722		76	<20	<0.01	<10	<10	52	<10	19	0.975
RE005723		33	<20	<0.01	<10	<10	24	<10	14	
RE005724		32	<20	<0.01	<10	<10	23	<10	14	
RE005725		12	<20	<0.01	<10	<10	22	<10	36	
RE005726		45	<20	<0.01	<10	<10	12	<10	4	
RE005727		43	<20	<0.01	<10	<10	42	<10	<2	
RE005728		39	<20	0.01	<10	<10	49	<10	29	
RE005729		36	<20	<0.01	<10	<10	46	<10	3	
RE005730		289	<20	0.95	<10	<10	133	<10	87	
RE005731		161	<20	0.01	<10	<10	32	<10	8	
RE005732		63	<20	<0.01	<10	<10	40	<10	3	
RE005733		21	<20	<0.01	<10	<10	61	<10	13	

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: SOLITAIRE MINERALS INC.
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 14-JUL-2010
This copy reported on
11-JAN-2011
Account: SOMIIN

CERTIFICATE WH10087512

Project: Summit Blocks

P.O. No.: 2/2

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-JUN-2010.

The following have access to data associated with this certificate:

CHARLES DESJARDINS	CARL SCHULZE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: SOLITAIRE MINERALS INC.
ATTN: CARL SCHULZE
35 DAWSON ROAD
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: SOLITAIRE MINERALS INC.
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 14- JUL- 2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10087512

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
E005734		0.36	0.011	2.3	1.10	17	<10	70	<0.5	<2	8.6	<0.5	12	6	8480	2.71
E005735		1.38	0.005	0.3	0.38	17	<10	1510	<0.5	<2	11.2	<0.5	7	3	46	1.82
E005736		1.16	<0.005	<0.2	0.31	<2	<10	30	<0.5	<2	0.23	<0.5	1	9	52	0.64
E005737	Summit D	0.71	<0.005	<0.2	0.34	<2	<10	30	<0.5	<2	4.44	<0.5	2	8	4	1.81
E005738		0.86	<0.005	<0.2	0.20	<2	<10	40	<0.5	<2	3.47	<0.5	3	4	1	1.40
E005739		1.06	0.005	<0.2	0.35	7	<10	10	<0.5	<2	0.08	<0.5	2	11	3	1.10
E005740		1.33	0.010	0.2	0.56	26	<10	10	<0.5	<2	0.03	<0.5	11	13	8	3.63
E005741		1.16	<0.005	<0.2	0.77	<2	<10	90	0.6	<2	0.06	<0.5	<1	4	1	1.59
E006401	Summit West	1.23	<0.005	0.2	0.55	6	<10	70	0.7	<2	0.03	<0.5	<1	3	2	1.50
E006402		1.16	<0.005	1.1	0.35	27	<10	130	<0.5	<2	0.02	<0.5	<1	5	1	2.28
E006403		1.18	<0.005	<0.2	0.40	3	<10	60	0.8	<2	0.01	<0.5	<1	5	<1	1.28
E006404		1.23	<0.005	<0.2	0.56	6	<10	80	1.1	<2	0.01	<0.5	<1	7	1	1.62
E006405		1.03	0.025	0.9	0.37	29	<10	60	<0.5	<2	5.63	<0.5	20	3	3470	5.35
E006406		1.27	0.005	<0.2	1.08	5	<10	60	<0.5	<2	5.33	<0.5	11	19	58	4.57
E006407	Summit B	1.10	3.03	1.0	0.54	7680	<10	210	<0.5	<2	6.86	<0.5	211	1	895	11.00
E006408		1.53	0.005	<0.2	0.19	19	<10	20	<0.5	<2	3.78	<0.5	10	4	5	2.05
E006409		1.19	0.035	<0.2	2.02	80	<10	20	<0.5	<2	0.20	<0.5	39	23	122	6.55
E006410		2.28	0.012	1.7	0.29	181	<10	10	<0.5	<2	1.89	<0.5	15	3	5920	3.03

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To: SOLITAIRE MINERALS INC.
430 - 609 GRANVILLE STREET
VANCOUVER BC V7Y 1G5

Finalized Date: 14-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10087512

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
E005734		<10	<1	0.10	10	0.66	1050	49	0.06	1	860	14	0.05	<2	5	53
E005735		<10	<1	0.10	10	0.04	1665	1	0.04	3	660	6	0.15	<2	3	163
E005736		<10	<1	0.07	<10	0.09	136	<1	0.11	<1	160	<2	0.01	<2	2	3
E005737	Summit D	<10	<1	0.07	10	0.63	837	1	0.09	<1	180	<2	0.01	<2	7	24
E005738		<10	<1	<0.01	10	1.00	870	<1	0.13	<1	250	<2	0.01	<2	12	16
E005739		<10	<1	0.01	<10	0.17	61	1	0.12	<1	240	<2	0.04	<2	1	4
E005740		<10	<1	<0.01	<10	0.42	83	1	0.09	4	280	3	0.46	<2	4	5
E005741		10	<1	0.21	20	0.06	149	1	0.05	<1	130	10	0.01	<2	2	6
E006401	Summit West	10	<1	0.19	20	0.06	69	15	0.10	<1	110	18	0.06	2	2	5
E006402		10	1	0.30	10	0.02	33	16	0.14	<1	100	484	0.41	15	1	13
E006403		10	<1	0.15	20	0.02	66	2	0.07	<1	80	7	0.01	<2	2	4
E006404		<10	<1	0.17	10	0.02	130	6	0.10	<1	80	19	0.04	2	1	7
E006405		<10	<1	0.12	10	0.46	1870	<1	0.07	9	730	<2	0.88	<2	11	38
E006406		<10	<1	0.18	10	1.79	1425	<1	0.05	7	710	<2	0.12	<2	7	63
E006407	Summit B	<10	<1	0.15	10	0.85	2620	2	0.06	19	580	10	0.22	22	20	111
E006408		<10	<1	0.02	<10	1.17	583	<1	0.12	2	660	<2	0.05	<2	12	22
E006409		10	<1	0.03	<10	1.72	189	3	0.08	13	1240	<2	1.87	<2	12	6
E006410		<10	<1	0.02	30	0.07	1165	1	0.15	6	1270	<2	0.32	<2	8	21

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VANCOUVER BC V7Y 1G5

Finalized Date: 14-JUL-2010
Account: SOMIIN

Project: Summit Blocks

CERTIFICATE OF ANALYSIS WH10087512

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
E005734		<20	0.01	<10	<10	68	<10	30
E005735		<20	<0.01	<10	<10	27	<10	28
E005736	Summit D	<20	<0.01	<10	<10	4	<10	2
E005737		<20	<0.01	<10	<10	13	<10	<2
E005738		<20	<0.01	<10	<10	24	<10	<2
E005739		<20	<0.01	<10	<10	5	<10	4
E005740		<20	<0.01	<10	<10	39	<10	9
E005741		<20	0.03	<10	<10	3	<10	64
E006401	Summit West	<20	0.01	<10	<10	3	<10	15
E006402		<20	0.03	<10	<10	18	<10	8
E006403		<20	0.03	<10	<10	4	<10	21
E006404		<20	<0.01	<10	<10	3	<10	39
E006405		<20	<0.01	<10	<10	36	<10	9
E006406		<20	<0.01	<10	<10	43	<10	17
E006407	Summit B	<20	<0.01	<10	<10	39	<10	6
E006408		<20	<0.01	<10	<10	26	<10	<2
E006409		<20	0.01	<10	<10	137	<10	18
E006410		<20	<0.01	<10	<10	25	<10	21

UTM 442000 E | 443000 E | 444000 E | 445000 E | 446000 E

UTM 6417000 N | 6416000 N | 6415000 N | 6414000 N | 6413000 N

RED-TOMCAT2
687544

703423

RED TOP
703483

KITTY4
667843

Zechtoo Mountain

YELLOW CHRIS
16
668183

KITTY2
667023

KITTY COPPER
667003

KITTIES CORNER
687363

RED TAG
703383

KITTY3
667043

YELLOW CHRIS
9
668167

YELLOW CHRIS 11

YELLOW CHRIS 10

shear maf flow, carb alt.

R/C - Ta, And, ank, sil alt.

And

Phy, carb, cpy

Phy, graph

Maf flow, Qz-ank-cpy vns

Maf volc, sch.

Pv

Pp

MPv

EJgb

Int. Maf flow (poss. phy?) mod chl, carb

R/C: Phy

R/C: Pumice

R/C: Int tf

int flow

maf tf

Maf int-flow, Qz-cpy vns

To Hwy 37

ATV Trail

Int-maf flow chl

Int-maf flow chl

And tf. chl

R/C-O/C: Int tuff, Q.E. Ank, py, tr cpy

And tf, ep, chl

And, wk chl, ep sheared and tuff, hem, chl

Int tf, carb cl

Qz-Ank float, cpy

Phy, ser, tr Cpy

Maf volc. hem, chl

Phy

Dior

Phy, carb, chl

Int tf, mafic flow

Int-maf flow

Phy, intercalated with maf tf

Int tf-flow local tf beds

sil: tr cpy

Phy, grap

R/C: Phy

Phy

brecc Phy

Tal, phy, ank

Maf tf

R/C: Maf tf

Maf-int flow

Maf-int flow

Phy X

And

Phy, lim

Phy, crenv

Bor

Phy

Maf fl, hble por

Maf flow, chl

Maf volc, chl,cpy

Phy, cpy

Cpy, lst, tr

Int volc

Int-maf tf

Pp

Phy

Phy, ank

Phy

Int-maf Q.E. tuff

Int-maf flow +/- phy? hfels

Flt, bor, cpy

Phy, Qz-ank vns

Phy, mass py

X Lst bed

Phy

Detail Soil Grid

Grap, phy

Phy, brec

Detail Soil Grid

Int-maf flow

Phy +/- sst, sil

X Ta, cpy

Phy, grap

Maf flow (Dior?)

Maf flow

Phy, hfels

YELLOW CHRIS 11

YELLOW CHRIS 10

LEGEND

Tertiary
Miocene - Pliocene?

MPv — Pumice, strongly vesicular mafic to intermediate flows (?)

Early Jurassic

EJgb — Diorite-gabbro, coarse grained, equigranular

Permian

Pp — Phyllite, medium bedded, med-fine grained, locally mod-strongly graphitic, minor limestone

Pv — Mafic to intermediate volcanics, mostly flows with lesser tuffs, locally ankeritic

SYMBOLS

- Strike & dip of Shear Zone
- Strike & dip of Bedding
- Strike & dip of Cleavage/Foliation
- Strike & dip of Joint
- X — Outcrop boundary; small outcrop
- Rubblecrop boundary
- Geological contact
- Fault or lineament
- Trench
- ATV trail

ABBREVIATIONS

alt	Alteration	Lst	Limestone
and	Andesite	maf	Mafic
ank	Ankerite	mod	Moderate
bor	Bornite	o/c	Outcrop
brecc	Brecciated	Py	Pyrite
carb	Carbonate	Q.E.	Quartz-eye
chl	Chlorite	Qz	Quartz
cpy	Chalcopyrite	R/C	Rubblecrop
dior	Diorite	sch	Schistose
ep	Epidote	scor	Scorodite
fol	Foliated	ser	Sericite
grap	Graphite	sh	Sheared
hem	Hematite	sil	Silicified
hble	Hornblende	ta	Talus
int	Intermediate	tf	Tuff
lim	Limonite	vn	Vein
		volc	Volcanics

Scale 1:10,000

0 200m 400m 600m 500m 1000m

(metres)

NAD27 / UTM zone 9

SOLITAIRE MINERALS CORP.

Geology Map
Summit "B" (KITTY) Block
Map 1 - 2010 Program

NTS: 104H13
Datum: NAD 27
Date: 15 Jan 11

Mining District: Liard
Projection: UTM Zone 9
Drawn by: HDS/RS

Stewart Basin Exploration

442000 442500 443000 443500 444000 444500 445000

6417000 6416500 6416000 6415500 6415000 6414500 6414000

703423

RED-TOMCAT2
687544

RED TOP
703483

KITTY4
667843

KITTY2
667023

KITTIES CORNER
687363

KITTY COPPER
667003

SE006212 SE006213 SE006214 SE006215 SE006216 SE006217 SE006218 SE006219 SE006220 SE006221 SE006222 SE006223 SE006224 SE006225 SE006226 SE006227 SE006228 SE006229 SE006230 SE006231 SE006232 SE006233 SE006234 SE006235 SE006236 SE006237 SE006238 SE006239 SE006240 SE006241 SE006242 SE006243 SE006244

RE005712 RE005713 RE005714 RE005727 RE005728 RE005729 RE005730 RE005731 RE005732 RE005733 RE005715 RE005716 RE005717 RE005718 RE005719 RE005720 RE005721 RE005722 RE005723 RE005724 RE005725 RE006405 RE006406 RE006407 RE006408 RE006409 RE006410

SE004798 SE004799 SE004800 SE004801 SE004802 SE004803 SE004804 SE004805 SE004806 SE004807 SE004808 SE004809 SE004810 SE004811 SE004812 SE004813 SE004814 SE004815 SE004816 SE004817 SE004818 SE004819 SE004820 SE004821 SE004822

TE006245 TE006246 TE006247 TE006248 TE006249 TE006250 TE006251 TE006252 TE006253 TE006254 TE006255 TE006256 TE006257 TE006258 TE006259 TE006260 TE006261 TE006262 TE006448 TE006449 TE006450

See Map 5: Sample Location Detailed Grid

Legend
- Soil sample 2010
- Rock sample 2010
- Stream Sediment sample 2010

Scale 1:10000
100 0 100 200 300 400 500 600
(metres)
NAD27 / UTM zone 9N

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C.M. SCHULZE
25393
GEOSCIENTIST

Solitaire Minerals Corp.	
Summit B (Kitty) Block **Map 2: Sample Location Map**	
NTS: 104H13	December 31, 2010
Stewart Basin Exploration	

RED TOMCAT2
687544

703423

RED TOP
703463

KITTY4
687843

KITTY2
667023

KITTIES
CORNER
687363

KITTY COPPER
667003

See Map 6: Au Geochemical Values Detailed Grid

442000 442500 443000 443500 444000 444500 445000

6417000 6416500 6416000 6415500 6415000 6414500 6414000

Scale 1:10000

100 0 100 200 300 400 500 600
(metres)
NAD27 / UTM zone 9N

Percentile	Au - Soil Samples (ppm)
> 95	> 0.023
90 - 95	0.017 - 0.023
80 - 90	0.010 - 0.017
60 - 80	0.005 - 0.010
< 60	< 0.005

Percentile	Au - Rock Samples (ppm)
> 95	> 8.145
90 - 95	2.222 - 8.145
80 - 90	0.141 - 2.222
60 - 80	0.025 - 0.141
< 60	< 0.025

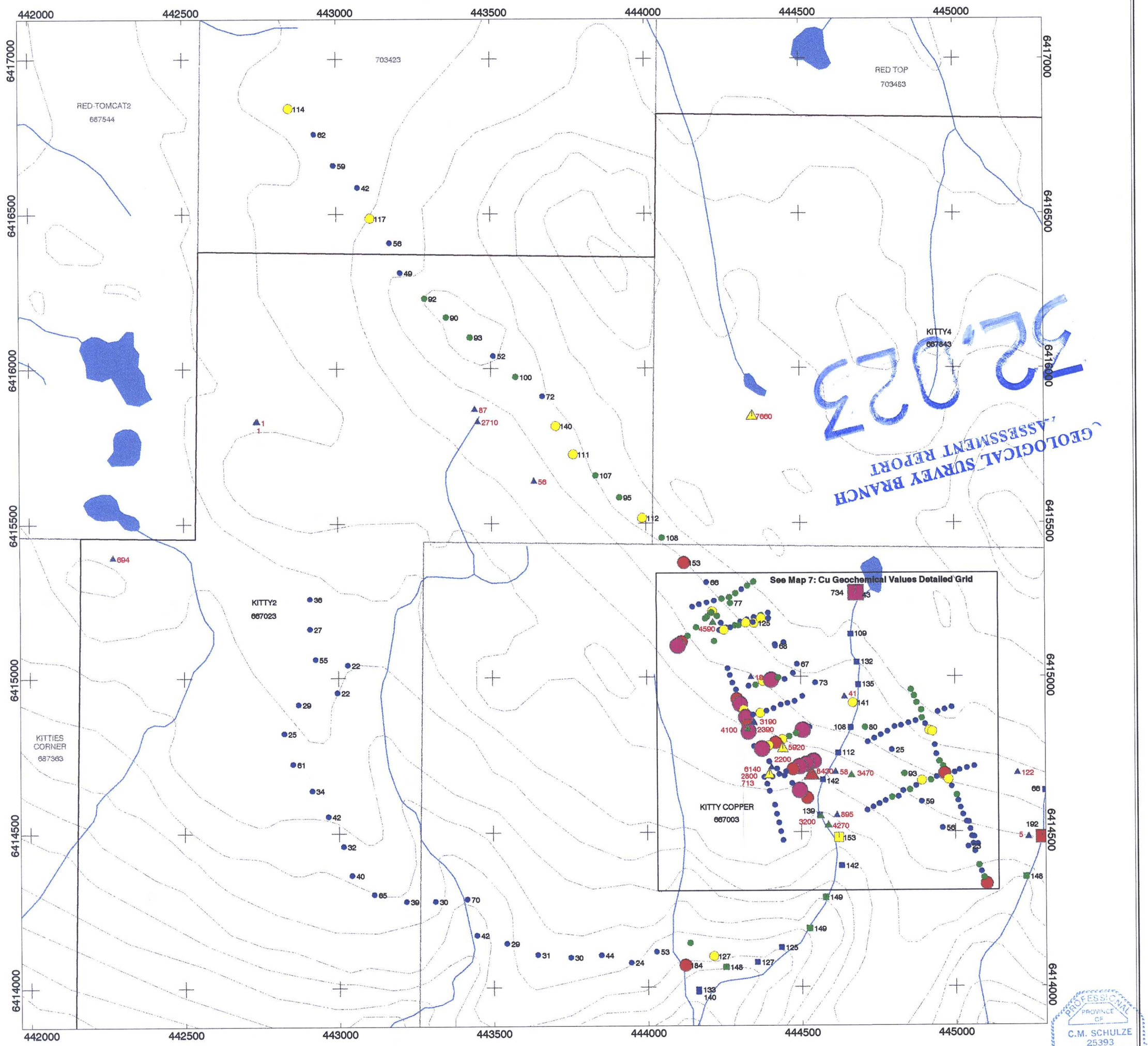
Percentile	Au - Silt Samples (ppm)
> 95	> 0.017
90 - 95	0.015 - 0.017
80 - 90	0.015 - 0.015
60 - 80	0.011 - 0.015
< 60	< 0.011

Solitaire Minerals Corp.

Summit B (Kitty) Block
Map 3: Au Geochemical Values - ppm

NTS: 104H13 December 31, 2010

Stewart Basin Exploration



Solitaire Minerals Corp.

Summit B (Kitty) Block
Map 4: Cu Geochemical Values - ppm

NTS: 104H13 December 31, 2010

Stewart Basin Exploration

444000 444500 445000

6415000

6414500

Detailed Grid Area

KITTY COPPER
667003

TE006262 TE006261 TE006260 TE006259 TE006258 TE006257 TE006256 TE006255 TE006254 TE006253 TE006252 TE006251

RE005731 RE005732 RE005726 RE005716 RE005733 RE005715 RE006410 RE005725 RE006406 RE006405 RE006407 RE005724 RE005723 RE005722 RE005721 RE006409

TE006450

Scale 1:5000

50 0 50 100 150 200 250 300

(metres)

NAD27 / UTM zone 9N

Legend

- Soil sample 2010
- Rock sample 2010
- Stream Sediment sample 2010

Solitaire Minerals Corp.	
Summit B (Kitty) Block **Map 5: Sample Location Map, Detailed Grid**	
NTS: 104H13	December 31, 2010
Stewart Basin Exploration	

444000 444500 445000

6415000 6414500

Detailed Grid Area

KITTY COPPER
667003

Percentile	Au - Soil Samples (ppm)
> 95	> 0.023
90 - 95	0.017 - 0.023
80 - 90	0.01 - 0.017
60 - 80	0.005 - 0.01
< 60	< 0.005

Percentile	Au - Rock Samples (ppm)
> 95	> 8.145
90 - 95	2.222 - 8.145
80 - 90	0.141 - 2.222
60 - 80	0.025 - 0.141
< 60	< 0.025

Percentile	Au - Silt Samples (ppm)
> 95	> 0.017
90 - 95	0.015 - 0.017
80 - 90	0.015 - 0.015
60 - 80	0.011 - 0.015
< 60	< 0.011

Scale 1:5000

50 0 50 100 150 200 250 300

(metres)

NAD27 / UTM zone 9N

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C.M. SCHULZE
25393
GEOSCIENTIST

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

32,023

Solitaire Minerals Corp.

Summit B (Kitty) Block
Map 6: Au Geochemical Values - ppm, Detailed Grid

NTS: 104H13 December 31, 2010

Stewart Basin Exploration

444000 444500 445000

6415000

6414500

Detailed Grid Area

KITTY COPPER
667003

Percentile	Cu - Soil Samples (ppm)
> 95	> 195
90 - 95	148 - 195
80 - 90	108 - 148
60 - 80	76 - 108
< 60	< 76

Percentile	Cu - Rock Samples (ppm)
> 95	> 9288
90 - 95	7891 - 9288
80 - 90	5388 - 7891
60 - 80	3192 - 5388
< 60	< 3192

Percentile	Cu - Silt Samples (ppm)
> 95	> 192
90 - 95	153 - 192
80 - 90	149 - 153
60 - 80	142 - 149
< 60	< 142

N

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C.M. SCHULZE
25393
GEOSCIENTIST

Scale 1:5000

50 0 50 100 150 200 250 300
(metres)
NAD27 / UTM zone 9N

Solitaire Minerals Corp.

Summit B (Kitty) Block
Map 7: Cu Geochemical Values - ppm, Detailed Grid

NTS: 104H13 December 31, 2010

Stewart Basin Exploration