BC Geological Survey Assessment Report 30926

2008 Technical and Physical Work Report

Prospect Valley Project

South British Columbia, Canada

Property Tenures: 403445, 410537-410540, 410556-410559, 506056, 506060, 506062, 506065, 516440, 516457, 516470, 516550, 516552, 516673, 516813 & 517426.

Nicola & Kamloops Mining Divisions

NTS map area: 092I/03E BCGS maps: 092I-004, 005, 014, and 015

Centre of Property Latitude 50°08' N Longitude 121°11' 45" W UTM Zone 10 (NAD 27):0629000E 5555000N

Event Number: 4274142

Property Owner

Consolidated Spire Ventures Ltd. 6th Floor – 890 West Pender St. Vancouver, B.C. V4C 1J9

<u>Author</u>

Victor Jaramillo, P.Geo. Discover Geological Consultants Inc. May 28, 2009

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SUMMARY

This assessment report summarizes all the Prospect Valley Project exploration efforts completed by Consolidated Spire Ventures Ltd during March 1 to November 30, 2008. The Prospect Valley epithermal gold property is located in the Nicola and Kamloops Mining Divisions of southern British Columbia, approximately 170 kilometres (106 miles) northeast of Vancouver. The claims are only 35 kilometres south of the world-class porphyry copper producing Highland Valley district. The property consists of 1 two-post, 8 four-post and 12 mineral cell title submission contiguous mineral claims, which collectively cover approximately 10,900 hectares.

Following its earned 60% interest in the project from Almaden Minerals Ltd., Spire acquired the remaining 40% interest, resulting in Spire's ownership of a 100% interest, subject to a 2% net smelter agreement (NSR) and by issuing to Almaden 4,000,000 staged fully paid and non-assessable common shares of Spire.

The majority of the Prospect Valley property is underlain by the Spius Creek Formation and the Pimainus Formation of the mid-Cretaceous Spence's Bridge Group that are dominated by basaltic to andesitic flow rocks with lesser volcaniclastic and epiclastic units.

During the 2006 and 2007 field programs hydrothermal alteration, microcrystalline quartz veins, and related gold mineralization were located in the North and South Discovery Zones. Gold mineralization was observed to be strongly associated with the presence of sheeted to stockwork quartz veins and veinlets, pervasive silicification, siliceous breccia, sericitic/argillic alteration, potassic alteration (microcrystalline K-feldspar flooding of the volcanic rock and adularia in the veins), and low amounts of pyrite (<5% by volume). A detailed description of the geology of the Discovery Zones can be found in the 2007 PV Assessment Report by Johnson T. and Jaramillo V.

During the 2008 field season, Spire completed an exploration program focused on prospecting work in the Bonanza Zone which is located in the southern area of the property. Work included geological prospecting, hand trenching and building an access road to the South Discovery Zone, all at a total cost of \$ 348,408 dollars.

The 2008 exploration objective was to locate similar structures in the Bonanza Zone as those outlined in the Discovery Zone. This became a difficult task as the area was found to have an extensive thick till cover, post glaciation basalt flows and heavy forest brush.

Trenching did reveal a small phyllic altered zone with quartz stringers. Trench samples returned weak anomalous results. Because of the thick glacial cover at the Bonanza Zone, further exploration work in this area is not seen as a priority. A temporary road (approximately 3 km long) to the south Discovery Zone was completed during 2008. This road will assist from a logistical and cost efficient aspect the 2009 exploration program in the Discovery Zones.

Recent trial cyanide leach assay results from 30 gold-mineralized samples from core reject material have been completed. The purpose of this work was to determine **the recoverability of gold** from sulphide and mixed sulphide-oxide mineralization **using cyanide leach**, as compared to gold results obtained from standard fire assay AA finish results. This analysis is not to be confused with standard heap leach metallurgical tests. **Kinross Gold Corp** participated in the sample collection process.

The results show that of the 30 mineralized samples, the majority of which contain variable amounts of pyrite, 17 samples returned gold recoveries above 72%. Of these, 9 samples gave gold recoveries above 90%, 5 samples between 80% to 90% recovery, and 3 samples returned 72% to 80% gold recovery.

The positive gold recoveries from this analytical work are significant as it shows that most gold recoveries are within industry requirements for this type of mineralization. These trial test results make the PV Property more attractive as a potential large-tonnage, low-grade target. The next step will be to take a representative bulk sample to complete column cyanide metallurgical tests.

Considering the exploration results during the 2006, 2007 and the 2008 field programs at the PV Property, the following follow-up exploration work is highly recommended in two phases as follows:

PHASE 1:

a. Geological mapping, mechanized trenching and drilling in the Northwest Dome Zone

Depending on the success of the trenching in the Northwest Dome Zone, drill holes may be targeted accordingly.

Total number of trenches = 6Total number of RC or a two-man pack drill holes = 9Depth per drill hole = 50m to 120 meters

b. Geological mapping and mechanized trenching in the Northeast Extension Zone

Mapping will help in the targeting of trenches across this area, which in turn, should bring these targets to the drilling stage.

The total cost for Phase 1 Exploration is estimated at approximately \$ 442,000 dollars.

PHASE 2:

Resource Infill Drilling at the North and South Discovery Zones

The exploration program would include infill diamond drilling in the Discovery Zones in order to define resources as per CIM definitions. Shortly after, the Company should prepare a NI 43-101 compliant resource report.

Total number of Drill Holes = 22 Depth per drill hole = 70m to 220 meters Cost of drilling (HQ) = 70/meter Cost of drilling supplies = 45/meter Total length to be drilled = 3,700 meters

The total cost for Phase 2 Exploration is estimated at approximately \$ 1,415,000 dollars.

2.0 INTRODUCTION AND TERMS OF REFERENCE

2.1 Introduction

This assessment report summarizes all the Prospect Valley Project exploration efforts completed by Consolidated Spire Ventures Ltd during March 1 to November 30, 2008. The Prospect Valley property is an epithermal gold project, located approximately 30 km west-southwest of Merritt in southern British Columbia. It sits 35 kilometres south of the world-class porphyry copper producing Highland Valley district. Consolidated Spire Ventures Ltd. ("Spire") has 100% ownership of the Prospect Valley property. Total expenditures for the 2008 exploration program were \$ 348,408 dollars.

2.2 Terms of Reference

Mr. Brian Buchanan, President of Spire requested Mr. Victor Jaramillo P.Geo. of Discover Geological Consultants Inc. to review the company's 2008 exploration work and to prepare a British Columbia Government compliant assessment report. The author was supervising geological working on site during early June to July 10, 2008. Later on, from mid-July to late August 2008 Mr. Lawrence Solkoski with Coast Mountain Group of Vancouver supervised the field program. Consolidated Spire Ventures Ltd is a publicly trading company listed on the Toronto Venture stock exchange (symbol TSX.V: CZS). All currencies are in Canadian dollar denominations and measurements are in metric units (unless noted otherwise).

3.0 PROPERTY DESCRIPTION AND LOCATION

3.1 Area and Location

The Prospect Valley property is located in the Nicola Mining Division of south-central British Columbia, Canada. A few claims, on the northwest corner of the property, are in the Kamloops Mining Division. The property is centred about 30 km west-southwest of Merritt, at latitude 50^{0} 08' 00" North and longitude 121^{0} 11' 45" West (UTM Zone 10, NAD 27: 0629000E / 5555000N) on NTS map 92I/3 (BCGS maps: 092I-004, 005, 014, and 015) (Figure 1).

The property is approximately 170 km (106 miles) northeast of Vancouver or approximately 90 km (56 miles) southwest of Kamloops. The claims are only 35 kilometres south of the world-class porphyry copper producing Highland Valley district; historical records report a near aggregate of 2 billion tonnes were exploited at an average copper equivalent of 0.45% (Leriche, 1990).



FIGURE 1: Property Location Map

3.2 Accessibility, Climate, Local Resources, Infrastructure, Physiography

The Prospect Valley Property is located approximately 170 km (106 miles) northeast of Vancouver. It is an approximate three and half hour drive from Vancouver to the property. The claims are centred about 30 km west-southwest of Merritt, the closest full service community, which provides extensive infrastructure and skilled manpower. There is intermittent cellular phone access on the property, however an analog high-power handset is necessary.

The southern, northern and eastern extents of the property are easily accessible via a combination of paved highway and a network of gravel roads and trails. Road access is available via Provincial Highway No.8 from Merritt 18 kilometres west to the old community of Canford, then about 30-35 kilometres southwest via the Edgar Creek or Sunshine Valley/Spius Creek - Prospect Creek - Hooshum/Teepee forestry gravel road systems.

The eastern part of the property (NIC claims) is accessible via the Edgar Creek Forestry gravel road, while the main trunks of Hooshum and Teepee roads pass through the southern PV claims. A number of old, but serviceable logging spur-roads branch off from these main roads, providing access to the south and east parts of the property. The north-central portion of the property has limited access, where helicopter support is necessary.

The claims are situated within the Intermontane Physiographic region of rolling upland terrain on the southern Interior (Nicoamen) Plateau, adjacent to the northeast flank of the Cascade Mountains. Topography is moderate to locally steep, with elevations ranging from 900 metres (3,000 ft) in the river valleys of the northeast and southern limits of the property to about 1900 metres (6,230 ft) along the mountain peaks of the central and northwest claim areas. The property covers three large river drainages which pass northward to the Nicola River: they are the Shakan, the Nuatich and the Prospect creeks, located to the north, east and south parts of the property respectively. These rivers and some lesser tributaries can provide all water necessary for exploration purposes.

Soil and glacial-till cover is extensive and commonly quite deep (to >5m). In general, the sparse bedrock exposures are largely restricted to road cuts, steep slopes and local topographic highs.

The property climate is semi-arid and is generally free of snow from early June through October. The Government of Canada weather website (weatheroffice.ec.gc.ca) reports the weather statistics for the community of Merritt as follows. (Note: while the Prospect Valley property is only 30 km from Merritt, it is at a higher elevation, therefore the temperature ranges and total of precipitation will tend to be more extreme.) The average yearly rainfall is about 322 mm, with a semi-regular distribution of precipitation throughout the year, although the months from November to January tend to be wetter. Summers are hot and dry, with average daytime temperatures from 5 °C to 26 °C (extreme summer high: ~40 °C). During the winter, the average daytime temperatures range from 5 °C to -10 °C (extreme winter low: -42 °C). Average annual snowfall in the area is about 83cm. An extensive snow pack will prohibit most winter work, particularly on those portions of the property at higher elevations.

Vegetation consists mainly of widely spaced lodge pole pine and Douglas fir grading to more dense balsam fir, spruce, and alder along creek valleys. Portions of the original PV claims have been previously logged, during the 1960s. Segments of the property are used by local ranchers for cattle grazing, particularly at lower elevations.

4.0 CLAIMS AND TITLE

In February and July of 2005, Spire staked an additional six mineral cell title submission titles on the east side of the property, acquiring an additional 2,562.935 hectares. Currently, the property consists of 1 two-post, 8 four-post and 12 mineral cell title submission contiguous mineral claims, which collectively cover approximately 10,900 hectares of land (see **Appendix A**). The "good to dates" for the property claims range from April 27, 2009 to 2014. The claim statistics, summarized in Appendix A, is not a legal title opinion but is a compilation of claims data, based on the author's review of the Government of British Columbia mineral rights inquiry website. **Figure 2** illustrates the locations of each claim. The claims have not been legally surveyed. Note: The Government of British Columbia converted its' mineral titles system to a fully digital and online system in January 2005. As a result, the current claim data are different from those noted in the 2004 assessment report.

The Prospect Valley property claims are 100% owned by Consolidated Spire Ventures Ltd., a publicly trading company on the TSX Venture exchange.



FIGURE 2: Claim Map

5.0 EXPLORATION HISTORY

(Modified after Jakubowski 2003, Balon 2004 and Moore 2004, 2005)

5.1 'Pre-Spire' Explorations

There are no published records of any property mineral exploration efforts carried out prior the 2001-2003 Almaden exploration programs. There are no documented mineral occurrences for the Prospect Valley property, in the BC Minfile database.

However, there is ground evidence of past small-scale placer mining activity along Prospect Creek (south end of the property) and in the Shakan Creek drainage (northwest property corner). A brief reference to historical placer gold from Shakan Creek appears in the 1933 Report of the BC Minister of Mines. The upper reaches of this drainage constitute a designated placer area since 1987.

Parts of the original PV claim area were occupied by two former mineral tenures.

- 1) LAD and LAD 1 claims: 1988; located by D. Gagne of Chase, BC; forfeited OCT/1989
- 2) VAL 1 to VAL 8 claims: 1995; located R. Gale of West Vancouver, BC; forfeited MAY/1996

The LAD claims were likely staked to cover the suspected source area of quartz vein float occurrences. The VAL claims were undoubtedly staked to cover the source area of a gold stream silt anomaly (Bonanza Creek drainage) identified by the 1994 public release of BC Government Regional Geochemical Survey data (BC RGS 40/GSC OF 2666). There is no documentation for any subsequent work performed on the LAD or VAL claims. Note: the BC government Regional Geochemical survey was initially released in the early 1980's but the samples were not analyzed for gold. It was in 1994 that the gold analyses were carried out and released.

In July 2001, Almaden (Jakubowski and Balon) examined the same 1994 BC-RGS stream sediment anomaly, noted above. Follow-up sediment sampling in the Bonanza Creek drainage (PV 1 claim) confirmed the anomalous gold values and revealed a moderate abundance of banded chalcedonic quartz float in the same stream channel. Subsequent prospecting upstream and in the local area revealed numerous other gold-bearing quartz vein and breccia float occurrences. These results, plus the presence of widespread alteration in a nearby prospective rock unit, prompted staking of the original PV claim block.

In 2001, Almaden carried out a limited multi-staged field program on the original PV claim block area, which included prospecting and reconnaissance scale geochemical sampling. The bulk of the 2001 work was completed prior to and during property acquisition.

Intermittently between June 10th and October 25th 2002, Almaden conducted a follow-up program on the original PV claim block. The program consisted of initial coarse grid soil geochemistry, multiple stages of detailed (& infill grid) soil geochemistry, portable auger soil sampling, further prospecting and reconnaissance sampling (rock, silt, soil), plus mechanical excavator trenching and/or test pitting with related mapping and rock/basal soil sampling.

In the summer of 2003, Almaden carried out further exploration efforts on and around the original PV claim block (PV1 to PV 36). Work carried-out included additional limited soil-rock sampling,

prospecting, five kilometres of test IP-Resistivity geophysics (five-one kilometre long lines) and regional reconnaissance sampling. In conjunction with the 2003 exploration efforts, Almaden staked numerous 2-post claims surrounding the PV claim block and the separate NIC claim block (now included within the NU 1 to 4 claims).

In March 2004, Almaden optioned the original PV and NIC claim blocks to Spire. Shortly afterward (May 2004), Spire staked the adjoining ground between the PV and NIC claim blocks and additional land to the northwest; covering Almaden reconnaissance geochemical anomalies to the north of the original PV block.

5.2 Consolidated Spire Ventures 2004 Exploration (Moore, M. P. 2005: Assessment Report 2779)

During the summer and late fall of 2004 Spire conducted a two-part exploration program on the Prospect Valley Project. Rio Minerals Ltd of Vancouver BC was contracted to complete all fieldwork, under the supervision of Andrew Molnar. See Sections 6.4 and 8.0 for more details. Work was carried out on claims NU 1 to NU 10 and PV 37 to PV 40.

1) July 4 to July 31, 2004

NIC Zone: control grid, with soil sampling and prospecting *Central Property*: helicopter/road access silt sampling and prospecting Samples collected: 2 rocks, 860 soils and 90 silts. Control grid kilometres (NIC): 32.2 km

2) <u>Nov 4 to Nov 11, 2004</u>

NIC Zone: Discovery Zone trench extension and numerous soil test pits on soil gold highs *Central Property* (gold Anomaly Clusters 1 to 3): Limited prospecting, reconnaissance contour soil lines and hand trenching. Samples collected: 23 rocks and 137 soils Reconnaissance soil lines: 6.45 km

5.3 Consolidated Spire Ventures 2005 Exploration (Moore, M. P. 2006: Assessment Report 28162)

During the summer and late fall of 2005 Spire conducted a two-part exploration program on the Anomaly Cluster 1 area and the associated RM 'discovery trench' zone. Rio Minerals Ltd of Vancouver BC was contracted to complete all fieldwork, under the supervision of Andrew Molnar. Work was carried out on claim tenures 410556, 410557, 516552 and 516673.

June to October 2005

RM Zone: Work carried out includes a two-part control grid (RM and RM extension), grid based soil sampling & prospecting, hand trenches & helicopter pads.

Samples collected: 4 prospecting rocks, 302 trench rocks, and 3,722 soils.

Control grid kilometres (RM & RMX grids combined): 92.5 km (covering ~ 8.4 km^2)

Trench data: 33 hand-dug trenches totalling 324 metres in length. Helicopter landing pads: 2

5.4 Consolidated Spire Ventures 2006 Exploration (North Discovery Zone or RM/South Discovery Zone or RMX Zone; Thomson, G.R., M. P. 2007: Assessment Report 28162)

During the late winter, spring, summer and late fall of 2006 Spire conducted a geophysical, geochemical and diamond drilling exploration program on the North Discovery Zone (formerly referred to as the RM Zone) and the South Discovery Zone (formerly referred to as the RMX mineral zone). Work was carried out on claim tenures 410556, 410557, 516552 and 516673.

January to April, 2006

RM/RMX Zone: Geophysical surveys consisting of Magnetometer and IP totalling 45-line kilometres carried out by Scott Geophysics Ltd. of Vancouver, BC. Preparation was also carried out on the drill core logging and sampling facility in Merritt by Rio Minerals Ltd.

May to July, 2006

RM/RMX Zone: Diamond drilling of 23 drill holes, totalling 3734.6 metres, requiring preparation and construction of 14 drill pads. Two additional pads were partially prepared, but not used for drilling. All drill work and related field activities were carried out using helicopter support. Drill pad construction work was carried out by crew workers of Rio Minerals Ltd. Diamond drilling was carried out by Falcon Drilling Ltd. of Prince George, BC.

June to July, 2006

NIC Zone: Diamond drilling of five drill holes totalling 1344.0 metres. Holes targeted a known epithermal quartz zone as well as geochemical targets. Diamond drilling was carried out by SCS Drilling Ltd. of Merritt, BC. A magnetometer survey was carried out over a portion of the NIC grid by Rio Mineral Ltd. Exploration work on the NIC zone was carried out on claim tenure 516550

October to November, 2006

RM/RMX Zone: Infill grid establishment by Rio Minerals Ltd. to southeast of RMX zone and to northwest of RM zone with geochemical sampling and magnetometer surveys. See figures 8.2g and 9.3b.

5.5 Consolidated Spire Ventures 2007 Exploration (Discovery South and Discovery North Zones)

During the spring, summer and fall of 2007, Spire conducted geophysical, geochemical, real-timekinematic GPS survey, detailed and reconnaissance geological mapping, trenching, and diamond drilling exploration program focused on the South and North Discovery Zones. Work was carried out on claim tenures 410556, 410557, 516552 and 516673.

May to June, 2007

PV Claim Block: A geophysical study consisting of a helicopter (airborne) magnetometer survey totalling approximately 1,188-line kilometres was carried out by Aeroquest International, Ltd., Vancouver, BC. Topographic base maps including color aerial photographs (1:5,000 scale) were made by Eagle Mapping Ltd., Port Coquitlam, B.C. Ed Frey (geological consultant, Vancouver, B.C.) conducted prospecting and mapping from May to June throughout the central core of the PV claim block and collected 18 rock-chip samples. An ATV trail approximately 4 km long was constructed by field personnel employed by Consolidated Spire from the south-central part of the PV claim block to the north-central part of the PV claim block.

June to September, 2007

South and North Discovery Zones: Trenching totalling 645 linear meters was conducted by work crews employed by Consolidated Spire. Geological outcrop and trench mapping was conducted by Todd Johnson (geological consultant, Sparks, Nevada) with focus in the South and North Discovery Zones, the Northwest Dome Zone, and some reconnaissance mapping in the northwest corner and the north-central edge of the PV Claim Block. A real-time Kinematic GPS survey was conducted by Bob Lafreniere (consultant from Chilliwack, B.C.) on August 20-21, 2007. James Stewart (Geological Consultant, Vancouver, B.C.) made two separate visits to the Project on June 10-14, 2007, and on September 2-6, 2007 to review the geology and help in drill hole targeting concepts. Samples collected: 32 prospecting rocks, 131 trench rocks.

October to November, 2007

South and North Discovery Zones: Diamond drilling of 10 drill holes, totalling 1775.35 metres, was conducted from October 4 to November 13, 2007. Field personnel employed by Consolidated Spire prepared and constructed the 10 drill pads. Two additional pads were also constructed, but not used for drilling. All drill work and related field activities were carried out using helicopter and ATV support. The initial drill pad construction was managed by Laurier Bonsant who was the main driller at the PV Project in 2006. Diamond drilling using a Zinex Mining Corp. Model A5 drill rig was carried out by Full Force Diamond Drilling Ltd. of Peachland, BC. All diamond drill core was flown by helicopter to Merritt and processed at the Merritt field office. Helicopter support for the drilling and access throughout the 2007 field season was with a Jet Ranger and a Bell 407 contracted through Valley Helicopters based in Merritt and Hope, B.C. Geochemical analyses of the diamond drill core, along with the trench samples, were conducted by Eco Tech Laboratories Ltd., Kamloops, B.C.

November to December, 2007

South and North Discovery Zones: Assessment reports for 2007 were carried out from November 20 to December, 2007 by geological consultants Todd Johnson, Svetlana Tikhomirova and Victor Jaramillo.

6.0 GEOLOGIC SETTING

6.1 Regional Geology (modified from Jakubowski 2003)

The Prospect Valley property lies within the Southern Intermontane Tectonic Belt of the Canadian Cordillera. Regional bedrock geology is shown on Figure 1, which has been compiled and condensed from parts of GSC Maps 41-1989 (Monger, 1989) and 42-1989 (Monger and McMillan, 1989).

Lithologies within the Prospect Valley region include successions of Mesozoic (248-65 Ma) to Tertiary (65-1.8 Ma) volcanic and sedimentary rocks, which have been intruded by plutons of various compositions and ages from Late Triassic and/or Jurassic to Miocene(?). Locally thick deposits of Pleistocene and recent glacial till and alluvium are prevalent in all of the major creek or river valleys. Much of the region was overridden during the last Pleistocene glaciation by ice moving southeastwards, but more directly southwards across the claims area (Nicoamen Plateau; Ryder, 1975). Certain bedrock occurrences, uncovered during the 2002-trenching program, have glacial striae trending 192°.

The dominant rock assemblage underlying the property and the adjacent areas is the mid-Cretaceous Spences Bridge Group (KSB / KSBS,) that forms a 215 km long, northwest-trending, linear, volcanic belt that spans from the towns of Pavilion to south of Princeton (Thorkelson and Rouse, 1989). The Spences Bridge Group is related to continental arc subduction-related volcanism and is exposed in a 115 km long northwest-trending Cretaceous structural depression called the Nicoamen Syncline which formed as the volcanic rocks were deposited (Thorkelson and Smith, 1989).

The Spences Bridge Group consists of two principal lithostratigraphic units based on work by Thorkelson and Rouse (1989). The Pimainus Formation (KSB in **Figure 3**) forms the lower unit, is 2.5 km thick, and consists of basaltic to rhyolitic lavas intercalated with pyroclastic rocks consisting of welded and nonwelded ignimbrite, tuff, lahar, conglomerate, sandstone, mudstone, and coal. The Spius Formation (KSBS in **Figure 3**) forms the upper unit, is 1 km thick, and consists mostly of amygdaloidal andesite and basalt with some scoria and minor pyroclastic and epiclastic rocks (Thorkelson and Rouse, 1989; Thorkelson and Smith, 1989). The Spius Formation was formerly called the Kingsvale Group by early government geologists (Rice - 1947, Duffell and McTaggart - 1952, and others prior to Thorkelson - 1985). Both volcanic units were subaerially deposited, concurrent with folding and faulting, and share a contact that varies from gradational to unconformable, and is locally faulted. Thorkelson and Smith (1989) identify the Spius Formation to be slightly more alkaline than the Pimainus Formation and characterized by higher levels of high-field-strength elements. Volcanic rocks of the Spences Bridge Group near the Prospect Valley Project have variable strikes and dips with dips that typically range from 15 to 35° (Monger and McMillan; 1989).

Dating of the Spences Bridge Group volcanic rocks using Rb-Sr (whole rock?), U-Pb on zircon, K-Ar on hornblende and biotite, and paleobotany (fossil leaves) and palynology indicates the volcanic rocks to be late Albian (ranging from 96.8 - 104.5 Ma; Thorkelson and Rouse, 1989; Thorkelson and Smith, 1989). Rocks of the Spences Bridge Group are believed to have formed as a chain of stratovolcanoes associated with subsiding, fault-bounded basins. Thorkelson and Smith (1989) suggest the difference in volcanic rock lithologies from the Pimainus to the Spius Formation reflect a transition from stratovolcano to shield morphology.

The Spences Bridge Group unconformably overlies older plutonic rocks, mainly granodiorite to diorite/gabbro, of the Triassic-Jurassic Mount Lytton Complex (TrJgd) immediately southwest of the Prospect Valley area. The Spences Bridge Group is overlain by Tertiary (Eocene; 33.7 - 54.8 Ma) mafic to felsic volcanics of the Princeton and Kamloops Groups (Ep and Ek). These younger volcanic units are cut by small Miocene (?) (5.3-23.8 Ma) intrusions of intermediate composition (Ti).

During and after the deposition of the Spences Bridge volcanic rocks, the Prospect Valley region was affected by at least two major episodes of regional deformation including: (1) a compressional event(s) related to the uplift of the Mount Lytton Plutonic Complex and associated with coeval broad warping of the Spences Bridge Group during volcanic rock deposition; and (2) extension and compression related to dextral wrench faulting of the Fraser River Fault System that formed pervasive transtensional block faulting of Eocene age with subsequent horst and graben formation (Monger, 1985; Monger and McMillan, 1989a). The Fraser River Fault System dextrally offsets older structures by 80-100 km (Monger and McMillan, 1989). The major structural features in the region are steeply dipping normal faults, parallel and subparallel with those of its western bounding Fraser River fault system. The normal faults have two dominant trends, one at 140°-150° and the other due north. One

such latter feature is defined by the prominent Spius Creek fault (located 8 km east of the property), which extends northerly for over 40 km, through to and beyond the Highland Valley copper district. Local reverse faults, minor folding and dextral strike-slip faulting with small displacements are also associated with the wrench faulting on the Fraser River Fault System (Monger, 1985).



FIGURE 3: Prospect Valley Property Regional Geology

6.2 Geology of the Prospect Valley Property (modified from Jakubowski 2003, Balon 2004 and Moore 2004)

Detailed geologic mapping by Consolidated Spire Ventures in 2007 confirmed that the mid-Cretaceous Spences Bridge Group is exposed throughout the majority of the Prospect Valley claim area. The majority of the Prospect Valley-NIC property is underlain by the Spius Creek Formation (KSBS; upper Spences Bridge Group) that is dominated by andesite and basalt flows with local flow breccia. The dominant rock types mapped throughout the Prospect Valley-NIC property include mafic-phyric basalt (Bp), aphyric basalt (B), mafic-phyric amygdaloidal basalt (amBp), and mafic-phyric andesite (ApF). In general, these mafic volcanic rocks are finedgrained, variable in color from dark brown, dark green, black, and maroon, and contain moderate amounts of amygdules. Mafic minerals dominated by olivine and pyroxene make up 3 to 10 percent of the basalt and andesite flow rocks (by volume) and are typically altered to hematite, hydrobiotite, and chlorite. Bright to dark green chert inclusions are locally abundant in basalt. The groundmass of the volcanic rocks varies from aphanitic to very fine grained (trachytic). The amygdules and breccia matrix material commonly consist of zeolite minerals, calcite, and opaque white to translucent light blue-grey and/or clear-banded chalcedony (agate).

The Spences Bridge Group (KSB; undivided lower division) forms a narrow NW trending segment on the southern extent of the property. Typically, these volcanic rocks comprise a thick accumulation of subaerial intermediate to felsic volcaniclastics and porphyritic flows that show great variations in lithology and/or texture over very short distances. Intercalated with these volcanics are locally occurring minor amounts of waterlain tuffs, sandstones and tuffaceous conglomerates. The pyroclastic rocks form the most widespread sequence and consist of varicoloured (tan to rusty-orange, white, grey, brown, maroon, mauve, purple) lapilli tuffs, fine to coarse ash tuffs and explosion breccias/agglomerates. Fossilized non-marine plant stems, twigs and leaves are common in these rocks. The feldspar porphyry flows, which are exposed along a short segment of the Central Spur road (PV 1 claim), are very fine-grained maroon to dark brown rocks containing up to 10 percent plagioclase by volume.

In the central and north-central regions of the claims, the Spences Bridge Group volcanics are occasionally masked by Eocene (?) mafic to felsic volcanics of the Princeton and Kamloops Groups. These undifferentiated volcanics consist of basalt, andesite, dacite and rhyolite flows, with minor tuffs and sediments. Several bodies of andesite porphyry intrusive rock with rare quartz eyes were mapped by Todd due south of Mimenuh Mountain and was previously identified by Monger and McMillan (1989) as part of the Eocene Kamloops Group. One other andesite porphyry body (sill?) of unknown affiliation outcrops in the east-central part of the South Discovery Zone.

A large sequence of weathered and unaltered amygdaloidal basalt intercalated with more resistant mafic-phyric basalt is exposed on a northeast-trending ridge line from UTM coordinate 631000 to 631365E to 5557910 to 5557600N. This sequence of rock units is similar to the hanging wall rocks present at the North and South Discovery Zone. The amygdules in the amygdaloidal basalt unit are filled with abundant zeolites at this location. No quartz veins were observed in the amygdaloidal basalt at this location.

The basal contact of the Spences Bridge Group (KSB) with older Triassic-Jurassic dioritic intrusions (TrJgd), is projected to straddle the south-western PV property boundary but is covered by extensive overburden.

7.0 QUARTZ VEINS, HYDROTHERMAL ALTERATION, AND GOLD MINERALIZATION

Quartz veins, hydrothermal alteration and gold mineralization at the South and North Discovery Zones are concentrated in the hanging wall of an Early Fault Zone and are dominated by sheeted to stockwork microcrystalline quartz veins and veinlets and disseminated + vein pyrite over an area 1.7 km long by 140 to 230 m wide.

Microcrystalline quartz veins and veinlets are the dominant style of alteration at the Prospect Valley Property. The quartz-rich veins are most abundant in the immediate hanging wall of the Early Fault Zone within the "target area" described above and gradually decrease to the west and at depth.

Fan drilling during 2007 on several of the sections in the South and North Discovery Zones and relogging of 2006 drill holes has shown that the primary gold mineralization control is an Early Fault Zone/hydrothermal breccia unit (EFZ). The EFZ strikes to the southwest, and dips at approximately 30 to 45° to the northwest. The dominant host rock for the gold mineralization is the mafic-phyric amygdaloidal basalt unit with lesser gold mineralization hosted in andesite flow rocks, mafic phyric basalt, aphyric basalt, and intercalated intraformational breccia and local tuff breccia belonging to the mid-Cretaceous Spence's Bridge Group. The epithermal mineral system appears to be a consistent zone characterized by weak to strong pervasive silicification, sheeted to stockwork microcrystalline quartz + py \pm adularia veins/veinlets, and siliceous breccia with variable pervasive alteration consisting of mixed potassic, argillic/sericite, fine-grained pyrite, and hematization. The footwall rocks exhibit chlorite-rich alteration with calcite-rich veins and veinlets that are typically <5 ppb Au.

As of the end of November 2007, the epithermal/EFZ target in the South Discovery Zone was drill tested down to a maximum of 93 m below the surface (DDH 2007-05) whereas the North Discovery Zone was drill tested down to a maximum of 210 m below the surface (DDH 2007-08). At present the epithermal alteration/mineralized zone is open-ended towards the northeast beyond hole DDH 2007-20. Initial reconnaissance mapping has outlined the presence of quartz veins and iron oxides up to 135 m to the northeast beyond the quartz veins encountered in hole DDH 2007-20.

8.0 EXPLORATION WORK AT THE BONANZA ZONE DURING 2008

The Bonanza Valley target (formerly called the PV Zone) lies on the south-western corner of the claim block. **See Figure 4** below. In early 2001 to 2003, exploration efforts focused mostly on the Bonanza Valley Area. In July 2001, Almaden (Jakubowski and Balon) examined a 1994 BC-

RGS stream sediment gold anomaly. Follow-up sediment sampling in the Bonanza Creek drainage (PV 1 claim) confirmed the anomalous gold values and some fragments of banded



FIGURE 4: PV Exploration targets and new road location

chalcedonic quartz in the same stream channel were located. During 2002, one quartz sample (MC-R33) returned 43.3 g/t gold. Later on, the location of this sample came to be known as the high grade zone (**HG**) or Bonanza Zone.

During the 2008 field program over 35 line kms were prospected throughout the Bonanza Zone. Geological field work outlined an anomalous altered volcanic area measuring on an E-W direction approximately 200 meters and on a N-S direction approximately 130 meters. The core of this altered area is situated at the intersection of the Central Spur Road and a northern Spur road. See **Figure 5**. This is the area were most of the trenching was done by Almaden during 2002. It is important to notice that most of these trenches were dug on a N-S trend and that most of them appear to have been sampled on soil cover. The general vein and stockwork mineralized trend, as observed in the Discovery Zone, is known to be NNE or N-S, so the trenches should be oriented at least in a East-West orientation. The Location of Trenches 1 and 2 dug by Spire are also shown in **Figure 5**. In both trenches and nearby outcrops, phyllic alteration (weak to moderate) was predominant with few quartz stringers. **Work was carried out on claim tenures 516440, 516457, 516470 and 403445.**

The location of the **high grade sample** (HG) taken in 2002 was explored for extensively using NAD 27 and NAD 83 DATUMS calibrated on a hand held Garmin 60CSx GPS. Over 5 line kms of traverse were hiked looking for any type of quartz float or altered rock. Unfortunately, most of the surface area near the HG sample, within a radius of 400 meters, was mostly covered by fallen trees, and it was even rare to see any glacial till.

Outside of the anomalous zone where trenches 1 and 2 were dug, the surface is mostly covered by glacial till from approximately 1 to over 5 meters deep. The West Spur Road has also been prospected extensively and only deep till cover has been observed. This is also a densely forested area. See **Plate 1** below.



PLATE 1: Surface cover close to the High Grade Zone



FIGURE 5: Bonanza Zone with location of Trench 1 and 2

All reconnaissance samples taken, were located with a GPS using Datum Nad 83. The samples were properly bagged and numbered by the writer with the assistance of Connor Buchanan. See photo below:



PLATE 2: Sampling of Float debris at the Bonanza Zone

Approximately 1.2 kms NNE of the altered Zone is a large plateau of recent basalt flows (Magnetic). These flows appear to be post glaciation, as till fragments were observed assimilated in this rock. The following photo illustrates these basalt covered areas at approx. 1530 m above sea level. Similar elevation as at the Discovery Zone further north.



PLATE 3: Top of Basalt plateau Bonanza Zone

Figure 6 below shows the completed traverse to the location of the high grade sample and approximately 400 meters north of the HG Location. The area is characterized by very dense forest and deep creeks.

Two trenches were hand dug and sampled during 2008 totalled approximately 120 metres in linear length. Depths of the trenches varied from 0.4 to 1.60 m.



FIGURE 6: Traverse into the High Grade Zone.

9.0 Statement of 2008 Costs: Prospect Valley Project (For the period January1 to November 30, 2008)

Note:

Shiraz (Raz) Hussein C.F.O. & Secretary, on behalf of the Spire board of directors, has provided and approved the P.V. related exploration expenditures statement. The author has not verified these expenditures.

Accommodation and meals	26,251
Sample Assays and geochemical	10,882
Consulting and geological	
Drafting, maps and printing	
Expediting	2,772
Field supplies	12,288
Geologists' support incl. field crew	
Trenching and roads	
Transportation, incl. helicopter support	46,791
TOTAL	\$ 348,408

10.0 DIAMOND DRILLING

There was no diamond drilling during 2008.

11.0 GEOPHYSICS

There was no geophysical work carried out during 2008

12.0 SAMPLING METHODOLOGY, QA/QC PROCEDURES, AND GEOCHEMISTRY

12.1 Sampling Methodology

The following summary describes the rock sampling and analytical approach methods employed by Spire during the 2008 exploration program. All sampling was carried out under the supervision of a qualified geologist. The Appendix contains sample certificates pertaining to the rock-chip samples and trench samples.

All rock sample sites were marked with flagging tape. Sample locations were recorded with hand-held GPS units and thus given a UTM grid designation, using the NAD 83 datum. Selected rock-chip

samples were collected twice over the same interval and submitted in two different sample bags (inserted as duplicates). All rock samples were also shipped to the ALS Chemex Labs in Vancouver, where they were assayed for Au. See below for details on analytical methods and standard and blank and duplicate insertions.

Trench samples were collected under the supervision of a senior geologist. Two people were involved collecting the sample at the bottom the trench. The sample intervals averaged approximately 3.0 meters in linear length.

This sampling methodology approximates a panel type sample. Standards, blanks and duplicates were inserted into the sample stream.

12.2 Analytical Procedures

All trench samples were transported by Spire personnel, under constant supervision, in company trucks to the Greyhound bus terminal in Merritt, from where they were shipped to the ALS Chemex Lab in Vancouver. All rock samples were dried and crushed to -10 mesh (70% passing) followed by ring pulverizing a 250-gram split to 150 mesh (95% passing). A 30-gram cut of the -150-mesh material from each sample was assayed for gold using lead-oxide flux collection fire assay fusions (with Ag as a secondary collector) with an atomic absorption (A.A.) finish. All samples were analyzed for 31 elements using the aqua regia digestion Inductively-Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) analysis.

12.3 Quality Assurance/Quality Control (QA/QC) Procedures

Standards, blanks, and sample duplicates were inserted into the core sample intervals at the rate of one for every 25-30 samples. Standards and blanks used for the 2008 drill program included:

Standard	Lab	Aug/t
SL-20	RockLabs	5.91
Blank	Lab	Aug/t
BL-3	RockLabs	< 0.01

13. 2008 RECLAMATION WORK

During the 2008 field program several trenches and drill pads were reclaimed to their natural appearance. High elevation seed mix, recommended by the Forest Ministries off in Merritt, was spread over the reclaimed areas to speed up the recovery to a natural state. Logs and other natural debris were also placed throughout the reclaimed areas to give a natural look.

All of the reclaimed sites include drill pads used during the 2006 and 2007 programs. Also, the 2006 and 2007 hand dug trenches and two helicopter pads.

Details of the 2008 Reclamation Program are as follows:

a. Two helicopter pads: Total reclamation completed = 0.1 hectares
b. A total of 21 trenches: Total reclamation completed = 0.1 hectares
c. Surface drill sites (21): Total reclamation completed = 4.0 hectares

Total Reclamation Work Completed in 2008 = 4.2 hectares

14.0 RECENT ANALYTICAL WORK

Trial cyanide leach assay results from 30 gold-mineralized samples from core reject material have been completed. The purpose of this work was to determine **the recoverability of gold** from sulphide and mixed sulphide-oxide mineralization **using cyanide leach**, as compared to gold results obtained from standard fire assay AA finish results. This analysis is not to be confused with standard heap leach metallurgical tests. **Kinross Gold Corp** participated in the sample collection process as per the March 12, 2009 Spire news release.

The results show that of the 30 mineralized samples, the majority of which contain variable amounts of pyrite, **17 samples returned gold recoveries above 72%**. Of these, **9 samples gave gold recoveries above 90%**, **5 samples between 80% to 90% recovery, and 3 samples returned 72% to 80% gold recovery**. The remaining 13 samples gave gold recoveries below 72%. See Figure 7 below.

The samples were submitted to **Florin Analytical Services**, **LLC of Reno**, **Nevada**. This is a certified and accredited lab facility, which is part of the Kappes, Cassiday and Associates group of metallurgical services companies.

The positive gold recoveries from this analytical work are significant as it shows that most gold recoveries are within industry requirements for this type of mineralization. These trial test results make the PV Property more attractive as a potential large-tonnage, low-grade target. The next step will be to take a representative bulk sample to complete column cyanide metallurgical tests.



FIGURE 7: Gold Recoveries with AuCN vs. AuFa

15.0 INTERPRETATION AND CONCLUSIONS

The main objective of the 2008 field program was to explore the Bonanza Zone. Part of this work included finding the location of a high grade float sample taken in 2002 which returned over 40 g/t gold. Unfortunately, most of the surface area near this HG sample was mostly covered by fallen trees, and it was rare to see any glacial till.

Other geological field work outlined an anomalous altered volcanic area measuring approximately 200 meters by 130 meters. The core of this altered area is situated at the intersection of the Central Spur Road and the North Spur Road (**Figure 5**). Two trenches were hand dug and sampled at this location.

Trenching revealed phyllic alteration (weak to moderate) with few quartz stringers. Trench sample analytical results returned no anomalous gold and silver values, though most samples returned anomalous barium values. The barium content and the phyllic rock alteration are of interest. This anomalous area may be a carapace or outer shell of a buried mineralized zone. In the future this area may be explored by using ground magnetics to identify possible zones of mineralization with magnetic lows.

Outside of the anomalous zone, the surface is mostly covered by glacial till from approximately 1 to over 5 meters deep. The West Spur Road was also prospected and only deep till cover was observed.

With the above results the Bonanza Zone is not considered a primary exploration target and follow-up exploration work at this time is not a priority.

16.0 RECOMMENDATIONS (2008)

Considering the exploration results during the 2006, 2007 and 2008 field programs at the PV Property, the following follow-up exploration work is highly recommended in two phases. See Figure

PHASE 1:

a. Geological mapping, mechanized trenching and drilling in the Northwest Dome Zone

Trench 2007 NWD-2 needs to be sampled early in the 2009 field program. Additional hand trenches to the north of Trench 2007-NWD-2 at 50 m spacings are warranted. Trench 2007-NWD-2 should be extended to the east to determine the extent of the vein system in this area. Depending on the success of the trenching in the Northwest Dome Zone, drill holes may be targeted accordingly. The collar location for DDH NW-A1 is flagged in the field and targeted to intercept the vein exposed in Trench 2007-NWD-2.

Total number of trenches = 6Total number of RC or a two-man pack drill holes = 9Depth per drill hole = 50m to 120 meters

b. Geological mapping and mechanized trenching in the Northeast Extension Zone

Mapping this area using the map units defined in the 2007 mapping program will help in the targeting of trenches across the projection of the Early Fault Zone. Mapping in these areas and subsequent trenching should be completed as soon as logistically possible in order to bring these targets to the drilling stage.

PHASE 2:

Resource Infill Drilling at the North and South Discovery Zones

The exploration program would include infill diamond drilling in the Discovery Zones in order to define resources as per CIM definitions. Shortly after, the Company should prepare a NI 43-101 compliant resource report.

Total number of Drill Holes = 22 Depth per drill hole = 70m to 220 meters Cost of drilling (HQ) = 70/meter Cost of drilling supplies = 45/meter Total length to be drilled = 3,700 meters

CONSOLIDATED SPIRE VENTURES LTD. Statement of Mineral Property Costs 2009 Prospect Valley Budget		
	Phase One	Phase Two
Prospect Valley Gold Property, British Columbia		
Accommodation and meals	26,500	119,500
Assays and geochem	11,000	40,500
Consulting and geological	75,000	87,000
Drafting, maps and printing	7,600	34,500
Drilling	168,000	425,500
Expediting	3,000	3,500
Field supplies	12,500	95,000
Geologists's support incl. field crew	76,500	480,000
Property and maintenance	15,000	30,000
Surveys	0	0
Transportation, incl. helicopter support	47,000	100,000
Total = \$	442,100	1,415,500



FIGURE 8: Discovery Zone showing previous drill hole locations

17.0 REFERENCES

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18.0 STATEMENT OF QUALIFICATIONS

I, Victor Jaramillo, P.Geol. do hereby certify that:

I am a President of: Discover Geological Consultants Inc. Suite 1705 - 289 Drake Street, Vancouver, BC Canada, V6B 5Z5

I graduated with a Bachelor of Science Degree in Geology from Washington and Lee University in 1981. In addition, I obtained a Master of Science Applied Degree in Mineral Exploration in 1983 from McGill University.

I am a professional geoscientist, registered with the Association of Professional Engineers and Geoscientists of British Columbia (License No. 19131).

I am a Fellow of the Geological Association of Canada (GAC), a Fellow of the Society of Economic Geologists (SEG) and a member of the Geological Society of Nevada.

I have worked as a geologist for a total of 27 years since my graduation from university. I have had prior involvement with the property that is the subject of the Technical Report.

Previously the author managed the 2007 exploration program from June to November 2007, and assisted in the 2008 field program during June to mid July of 2008.

I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

I am independent of the issuer and do not have any interest in adjoining properties in the Spences Bridge area.

I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 28th Day of May, 2009

" Victor Jaramillo" Victor Jaramillo, P.Geo.

Appendix A:

List of Prospect Valley Claims (NTS Map 093I/03E)

The following claim information is not a legal title opinion but is a compilation of active claims data, based on the author's review of the Government of British Columbia mineral rights inquiry website. The Prospect Valley property is dominantly located in Nicola Mining Division of south-central British Columbia, Canada. A few claims, on the northwest corner of the property, are in the Kamloops Mining Division. **Note:** The Government of British Columbia converted its' mineral titles system to a fully digital and online system in January 2005. As a result, the current claim data are different from those noted in the 2004 assessment report.

Tenure number	Claim Name	Size hectares	Claim Type	Issue Date	Good to Date	Primary BC Map #
403445	PV 11	25.000	MC2	June 21, 2003	April 27, 2013	0921004
410537	Shak 1	450.000	MC4	May 15, 2004	April 27, 2011	0921014
410538	Shak 2	450.000	MC4	May 15, 2004	April 27, 2011	0921014
410539	Shak 3	500.000	MC4	May 18, 2004	April 27, 2011	0921014
410540	Shak 4	250.000	MC4	May 18, 2004	April 27, 2011	0921014
410556	NU 7	500.000	MC4	May 16, 2004	April 27, 2011	0921015
410557	NU 8	500.000	MC4	May 16, 2004	April 27, 2011	0921014, 015
410558	NU 9	500.000	MC4	May 16, 2004	April 27, 2011	0921015
410559	NU 10	500.000	MC4	May 16, 2004	April 27, 2011	0921014, 015
506056	PVE 1	352.020	MCX	Feb. 07, 2005	April 27, 2011	0921
506060	PVE 2	517.949	MCX	Feb. 07, 2005	April 27, 2011	0921
506062	PVE 3	331.586	MCX	Feb. 07, 2005	April 27, 2011	0921
506065	PVE 4	325.451	MCX	Feb. 07, 2005	April 27, 2011	0921
516440	" A "	1,285.599	MCX	July 8, 2005	April 27, 2014	0921
516457	"B"	414.629	MCX	July 8, 2005	April 27, 2013	0921
516470	"C"	207.300	MCX	July 8, 2005	April 27, 2013	0921
516550	"D"	1,760.222	MCX	July 10, 2005	April 27, 2011	0921
516552	"E"	973.869	MCX	July 10, 2005	April 27, 2011	0921
516673	"F"	994.535	MCX	July 11, 2005	April 27, 2011	0921
516813	PVE 5	41.394	MCX	July 11, 2005	April 27, 2010	0921
517426	PVE 6	20.697	MCX	July 12, 2005	April 27, 2011	0921
	Total	10,900.251				

After: British Columbia Mineral Titles website: (http://www.mtonline.gov.bc.ca)

MCX: Mineral cell title submission MC2: 2-post claim MC4: 4-post claim

Old Claim names

(Pre-conversion to online staking) note: Claims "A to F" currently have no names, only tenure numbers.

- A PV13 to PV 29
- **B** PV13 to PV29
- *C* PV29 to PV36
- *D* NU1 to NU4 (including the old NIC 1 to NIC12)
- *E* NU5, PV38 to PV40
- **F** NU6, PV37

Appendix B:

Sample Descriptions

		2008	BONANZA Z	ONE - ROCK SAMPLING RESUL	ЛS		
Sample	NAD 83	NAD 83			ppm	ppm	ppm
No.	Easting	Northing	Sample Type	Description	gold	silver	Barium
810001	627,829	5,554,647	Angular Float	Quartz Stwk angular Fragment	⊲0.005	0.4	150
810002	627,859	5,548,957	Grab1x1m	Slicified Volc. Rx subcrop	⊲0.005	⊲0.2	80
810003	627,859	5,548,998	Angular Float	Strongly Slicified Rx with limo in fract.	⊲0.005	0.3	40
810004	627,906	5,548,977	Grab4x10m	Strongly Slicified Rx exposed along Rd	⊲0.005	⊲0.2	170
810005	627,972	5,548,941	Grab5x5m	Angular broken silici. Rx with string, Limo.	⊲0.005	⊲0.2	440
810006	627,934	5,548,903	Grab1x1m	Bx with silica matrix-clasts alt. Clay-seri.	⊲0.005	⊲0.2	170
810007	627,981	5,548,891	Grab5x1m	Slicified Volc. Rx with stringers & diss Lim.	⊲0.005	⊲0.2	340
810008	628,101	5,548,993	Grab 10 x 10 cm	Qtzfrag. With Limo in fractures and diss.	0.051	0.2	30
810009	627,915	5,548,937	Angular float	Slic. Rx/Bx with veinlets quartz and silica	⊲0.005	0.5	1860
810010	628,125	5,549,019	Chips2m	Alt. Volc Rxk-phenosalt. To sericite	⊲0.005	⊲0.2	50
810011	628,084	5,548,970	Chips2m	Slicified Rock with clusters + diss. limo	⊲0.005	0.2	140
810012	627,940	5,548,878	Angular Float	Quartz BX with silica matrix	⊲0.005	0.2	210
810013	627,973	5,549,406	Angular Float	Quartzbreccia in silica matrix	⊲0.005	0.7	20
810014	628,447	5,549,664	Subang. Float	Flow bx with silica matrix- carbon twigs	⊲0.005	0.3	40
810015	627,908	5,548,889	Angular Float	Alt. Bx with silica flooding in matrix	⊲0.005	0.2	560
810016	627,934	5,548,962	Subcrop	Alt. Amygdaloidal volc. Slica-clay-sericite	⊲0.005	⊲0.2	60
810017				Blank	⊲0.005	⊲0.2	220
810018	627,929	5,548,842	Grab1x1m	Andesite rock. No visible alteration	⊲0.005	⊲0.2	140
810019	628,000	5,548,902	Grab1x1m	Subcrop-Slicified+clayalt. Volcanic Rock	⊲0.005	⊲0.2	260
810020	628,000	5,548,902	Grab1x1m	Duplicate of Sample 810019	⊲0.005	⊲0.2	240
810021	628,027	5,549,012	Angular Float	Strongly silicified Volcanics with qtz string.	0.125	2.3	160
810022	628,029	5,549,066	Grab1x2m	Slid.+Sericite+Ksparrock (intrusive?)	⊲0.005	0.2	80
810023				Rock Labs Standard (SL20 - 5.9 g/t Au))	5.81	0.8	70
810024			Grab1x1m	Outcrop - Phyllic altered volcanics	⊲0.2	0.57	690
810025	627,904	5,548,438	float Fragment	Quartzose Rock with disss, pyrite	0.036	0.6	30
810026	627,391	5,549,992	Grab1x1m	Quartz/Bx with silica in matrix	⊲0.005	<0.2	100
810027	across	Nroad	Chips 3m wide	Wend Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	<0.2	1900
810028	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	190

Sample	NAD 83	NAD 83			ppm	ppm	ppm
No.	Easting	Northing	Sample Type	Description	gold	silver	Barium
810029	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	70
810030	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	<0.005	⊲0.2	80
810031	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	160
810032	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	80
810033	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	0.009	⊲0.2	80
810034	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	120
810035	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	110
810036	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	60
810037	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	<0.005	⊲0.2	80
810038	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	0.008	⊲0.2	60
810039	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	<0.005	⊲0.2	50
810040	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	40
810041	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	0.282	⊲0.2	60
810042	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	140
810043	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	150
810044	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	160
810045	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	110
810046	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	150
810047	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	140
810048	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	170
810049	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	330
810050	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	<0.005	⊲0.2	830
810051	across	Nroad	Chips 3m wide	Trench-1 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	2080
810052	across	Nroad	Chips 3m wide	Eend Trench-1 - Slica-Clay Alt. Volcanics	0.354	⊲0.2	1270
810053				Blank	<0.005	⊲0.2	240
810054	across	Nroad	Chips 3m wide	Wend Trench-2 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	690
810055	across	Nroad	Chips 3m wide	Trench-2 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	10
810056	across	Nroad	Chips 3m wide	Trench-2 - Slica-Qay Alt. Volcanics	⊲0.005	⊲0.2	50
810057	across	Nroad	Chips 3m wide	Trench-2 - Slica-Clay Alt. Volcanics	⊲0.005	⊲0.2	90

Appendix C:

Analytical Certificates

3098004 - Finalized

Consolidated Spire Ventures Ltd."

of SAMPLES: 27

-07-11 DATE FINALIZED : 2008-07-22

CT: "Prospect Valley"

sted missing) with a sample total of 27. Samples received does totals 27 but IDs are from 810001 to 810028 (810024 excluded)."

ONUMBER: " "

	Au-AA24	ME-ICP41	ME-IOP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41							
SAMPLE	Au	Ag	A	As	В	Ba	Be	Bi	Ca	Cd	Co	Û	Cu	Fe	Ga	Hg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
810001	<0.005	0.4	0.95	3	<10	150	0.5	2	5.3	<0.5	14	23	21	3.66	<10	<1
810002	<0.005	⊲0.2	1.03	7	<10	80	⊲0.5	~2	0.28	⊲0.5	7	6	8	2.27	<10	1
810003	<0.005	0.3	1.26	4	10	40	0.7	~2	1.68	⊲0.5	3	1	<1	1.67	<10	<1
810004	<0.005	⊲0.2	1.29	7	<10	170	0.7	2	1.03	<0.5	3	2	1	1.91	<10	<1
810005	⊲0.005	⊲0.2	1.39	21	<10	440	0.8	~2	0.09	⊲0.5	5	2	52	2.23	10	<1
810006	<0.005	⊲0.2	0.7	6	<10	170	⊲0.5	~2	1.49	⊲0.5	11	37	16	2.4	<10	<1
810007	⊲0.005	⊲0.2	0.99	4	<10	340	1.1	2	0.52	⊲0.5	3	2	2	2.11	<10	<1
810008	0.051	0.2	0.18	6	<10	30	⊲0.5	2	0.44	⊲0.5	1	20	3	0.66	<10	<1
810009	<0.005	0.5	0.74	29	<10	1860	0.8	2	11.5	<0.5	9	14	5	4.77	<10	1
810010	⊲0.005	⊲0.2	0.95	11	<10	50	⊲0.5	~2	1.14	⊲0.5	11	12	42	3.1	<10	<1
810011	<0.005	0.2	0.74	6	<10	140	0.7	2	0.71	<0.5	12	12	26	4.12	<10	<1
810012	<0.005	0.2	0.72	72	<10	210	⊲0.5	~2	2.36	<0.5	14	50	35	2.73	<10	<1
810013	<0.005	0.7	0.32	12	<10	20	⊲0.5	~2	2.53	<0.5	6	29	5	1.86	<10	<1
810014	<0.005	0.3	0.47	10	<10	40	0.5	2	5.22	<0.5	2	2	5	0.58	<10	<1
810015	<0.005	0.2	0.86	21	<10	560	⊲0.5	2	3.19	<0.5	18	48	34	3.37	<10	<1
810016	<0.005	⊲0.2	1.02	4	<10	60	0.9	~2	0.17	<0.5	5	2	4	1.85	<10	1
810017	<0.005	⊲0.2	1.11	<2	<10	220	⊲0.5	2	0.6	<0.5	4	11	1	1.86	10	<1
810018	<0.005	⊲0.2	0.85	7	<10	140	⊲0.5	2	0.32	<0.5	6	7	3	2.18	<10	<1
810019	<0.005	⊲0.2	1.03	8	<10	260	0.9	2	0.32	0.5	4	2	4	1.89	<10	<1
810020	<0.005	⊲0.2	0.79	7	<10	240	0.9	~2	0.11	<0.5	3	2	20	1.89	<10	<1
810021	0.125	2.3	0.96	98	<10	160	⊲0.5	3	1.31	<0.5	12	12	43	3.34	<10	1
810022	<0.005	0.2	1.22	6	<10	80	⊲0.5	2	1.49	<0.5	10	12	40	3.23	<10	<1
810023	5.81	0.8	0.24	3	<10	70	⊲0.5	2	0.21	<0.5	1	3	5	3.53	<10	<1
810025	0.036	0.6	0.68	18	<10	30	⊲0.5	2	4.52	<0.5	20	79	37	4.36	<10	1
810026	<0.005	⊲0.2	0.88	4	<10	100	⊲0.5	2	0.2	<0.5	4	9	7	2.17	10	<1
810027	⊲0.005	⊲0.2	0.92	6	<10	1900	0.5	~2	0.28	⊲0.5	4	3	2	1.79	<10	<1
810028	⊲0.005	⊲0.2	0.71	13	<10	190	0.5	2	0.11	⊲0.5	4	4	4	1.73	<10	<1

8098004 - Finalized Consolidated Spire Ventures Ltd."

of SAMPLES: 27

-07-11 DATE FINALIZED : 2008-07-22

CT: "Prospect Valley"

sted missing) with a sample total of 27. Samples received does totals 27 but IDs are from 810001 to 810028 (810024 excluded). "

'O NUMBER: " "

	ME-ICP41															
SAMPLE	K	La	Mg	Mn	Мо	Na	Ni	Р	Pb	S	Sb	Sc	9	Th	Ti	П
DESCRIPTION	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
810001	0.11	10	1.07	1255	<1	0.04	24	820	5	0.01	<2	7	172	<20	<0.01	<10
810002	0.12	10	0.07	470	1	0.09	3	980	<2	0.01	<2	3	35	<20	0.01	<10
810003	0.13	<10	0.53	268	<1	0.03	1	260	5	0.01	<2	4	208	<20	<0.01	<10
810004	0.1	<10	0.06	336	2	0.02	5	80	7	0.01	<2	5	54	<20	⊲0.01	<10
810005	0.14	10	0.05	556	<1	0.03	2	300	2	0.01	<2	4	16	<20	<0.01	<10
810006	0.06	<10	0.63	364	<1	0.09	26	220	<2	0.02	<2	6	108	<20	<0.01	<10
810007	0.13	<10	0.06	405	<1	0.02	1	130	4	0.01	<2	5	53	<20	<0.01	<10
810008	0.01	<10	0.19	225	1	0.01	4	160	<2	0.01	<2	<1	11	<20	<0.01	<10
810009	0.05	10	3.61	1860	6	0.11	18	310	14	0.14	<2	8	455	<20	⊲0.01	<10
810010	0.05	10	0.28	533	1	0.12	11	1260	3	0.02	<2	7	92	<20	0.02	<10
810011	0.01	10	0.08	1070	<1	0.01	7	380	2	0.02	<2	11	46	<20	⊲0.01	<10
810012	0.06	10	0.71	1160	1	0.13	41	600	2	0.05	<2	9	80	<20	⊲0.01	<10
810013	0.03	<10	0.47	406	10	0.01	17	520	<2	0.3	<2	4	41	<20	⊲0.01	<10
810014	0.09	10	0.03	1665	<1	0.01	2	350	7	0.02	<2	2	65	<20	⊲0.01	<10
810015	0.06	<10	1.83	1520	2	0.14	39	390	2	0.39	<2	10	182	<20	⊲0.01	<10
810016	0.12	10	0.06	398	<1	0.01	5	110	4	0.01	<2	4	24	<20	⊲0.01	<10
810017	0.5	10	0.55	532	<1	0.11	2	760	2	0.01	<2	2	65	<20	0.13	<10
810018	0.09	10	0.07	567	1	0.08	2	1020	<2	0.02	<2	3	34	<20	0.02	<10
810019	0.19	10	0.04	528	<1	0.02	1	310	9	0.01	<2	4	35	<20	⊲0.01	<10
810020	0.15	10	0.04	408	<1	0.02	<1	370	7	0.01	<2	4	24	<20	⊲0.01	<10
810021	0.06	10	0.14	643	1	0.14	11	1370	<2	0.03	3	6	116	<20	0.02	<10
810022	0.09	10	0.22	619	1	0.16	8	1380	5	0.02	<2	6	122	<20	0.02	<10
810023	0.01	<10	0.07	96	<1	0.13	4	630	148	3.52	<2	<1	9	<20	⊲0.01	<10
810025	0.03	10	2.35	884	<1	0.04	65	1470	4	0.75	<2	10	122	<20	0.01	<10
810026	0.23	10	0.38	657	<1	0.04	3	500	4	0.03	<2	2	14	<20	0.02	<10
810027	0.05	<10	0.08	304	2	0.09	5	80	5	0.07	<2	4	35	<20	⊲0.01	<10
810028	0.03	<10	0.06	403	1	0.02	7	140	4	0.04	<2	4	18	<20	⊲0.01	<10

103485 - Finalized consolidated Spire Ventures Ltd." f SAMPLES: 29)7-28 DATE FINALIZED: 2008-08-03 Γ: "Prospect Valley" ATE COMMENTS: "") NUM BER : " " Au-AA24 ME-IOP41 ME-SAMPLE Au Ag A As В Ba Be Bi Ca Cd Co Cr Qu Fe Ga Hg **JESCRIPTIOI** ppm % ppm ppm ppm % ppm % ppm ppm ppm ppm ppm ppm ppm ppm <2 810029 <0.005 <0.2 2.37 23 <10 70 0.6 0.06 <0.5 4 4 8 2.12 10 1 810030 <0.005 <0.2 2.58 9 20 80 1.2 <2 0.27 <0.5 6 7 10 2.77 <1 10 810031 <0.005 < 0.2 1.95 20 10 160 1.2 <2 0.4 <0.5 14 44 49 4.34 10 <1 810032 <0.005 < 0.2 2.46 12 10 80 0.5 2 0.53 <0.5 15 18 115 4.22 10 1 810033 0.009 < 0.2 1.77 7 <10 80 0.5 <2 0.5 0.5 12 18 547 3.89 10 <1 810034 <0.005 <0.2 1.62 11 <10 120 0.5 <2 0.54 <0.5 16 23 65 4.26 <10 <1 <2 236 810035 <0.005 <0.2 1.11 10 <10 110 <0.5 0.45 <0.5 13 15 3.96 <10 <1 <2 810036 <0.005 <0.2 1.23 7 <10 60 <0.5 0.44 <0.5 12 15 57 3.72 <10 <1 810037 <0.005 0.5 <2 13 19 39 3.98 <0.2 1.41 11 <10 80 0.44 ⊲0.5 <10 <1 810038 < 0.2 60 ⊲0.5 <2 ⊲0.5 13 15 36 10 1 0.008 1.78 11 <10 0.47 3.72 72 810039 <0.005 < 0.2 1.55 8 <10 50 0.5 <2 0.44 <0.5 12 14 4.02 <10 1 810040 <0.005 <0.2 1.22 10 <10 40 0.5 <2 0.43 <0.5 12 12 111 3.78 <10 1 810041 0.282 < 0.2 1.16 12 <10 60 ⊲0.5 <2 0.52 <0.5 12 13 41 3.39 <10 <1 810042 <0.005 <0.2 1.14 13 <10 140 0.7 <2 0.32 <0.5 14 14 53 3.57 <10 1 810043 <0.005 <0.2 <2 0.13 3 1.2 11 <10 150 0.8 ⊲0.5 4 14 1.76 <10 1 810044 <0.005 < 0.2 0.93 11 <10 160 0.9 <2 0.2 <0.5 4 2 19 1.78 <10 1 <2 3 2 29 810045 <0.005 <0.2 0.72 8 <10 110 1 0.12 <0.5 1.79 <10 <1 27 810046 <0.005 < 0.2 0.8 12 <10 150 1 <2 0.09 <0.5 3 2 1.81 <10 1 810047 <0.005 < 0.2 0.73 5 <10 140 1.1 <2 0.11 ⊲0.5 2 1 6 1.87 <10 1 <0.2 5 1.2 <2 4 5 1 810048 <0.005 0.73 <10 170 0.14 ⊲0.5 1 1.92 <10 810049 <0.005 < 0.2 0.58 5 <10 330 1.3 <2 1.98 <0.5 4 1 5 1.93 <10 1 810050 <0.005 < 0.2 0.68 4 <10 830 1 <2 0.08 <0.5 3 1 3 1.55 <10 <1 <0.005 0.9 <2 3 2 6 810051 < 0.2 0.56 4 <10 2080 0.08 ⊲0.5 1.58 <10 <1 5 <2 810052 0.354 < 0.2 1.2 <10 1270 1.2 0.18 <0.5 3 5 6 1.58 <10 1 810053 <0.005 < 0.2 0.94 <2 <10 240 <0.5 <2 0.45 <0.5 4 9 1 1.92 <10 1 2 810024 <0.005 < 0.2 0.57 6 <10 690 0.6 <2 0.06 ⊲0.5 9 4 1.88 <10 <1 810501 <0.005 < 0.2 0.13 2 <10 10 <0.5 <2 0.07 <0.5 1 11 3 0.44 <10 1 17 810502 <0.005 < 0.2 1.26 8 <10 50 <0.5 <2 1.61 <0.5 18 59 4.41 <10 <1 <0.005 <0.2 2 5 90 0.6 <2 47 25 4.39 810503 <10 <0.5 19 10 <1 1.14

103485 - Finalized consolidated Spire VenturesLtd." f SAMPLES: 29)7-28 DATE FINALIZED: 2008-08-03 Γ: "Prospect Valley" ATE COMMENTS: "") NUMBER : " " ME-IOP41 ME-SAMPLE Κ La Mg Mn Мо Na Ni Ρ Pb S Sb Sc S Th Ti П **ESCRIPTION** % ppm % % ppm % ppm ppm % ppm ppm ppm ppm ppm ppm ppm <10 0.04 7 <2 5 810029 0.05 403 <1 0.01 100 5 <0.01 24 <20 <0.01 <10 810030 0.22 10 0.17 372 0.02 8 150 5 ⊲0.01 <2 5 44 <20 0.01 <10 <1 810031 0.17 10 0.29 849 <1 0.04 33 390 13 ⊲0.01 <2 12 50 <20 0.01 <10 810032 0.08 10 0.12 856 <1 0.1 13 1500 21 <0.01 <2 9 60 <20 0.02 <10 42 810033 0.06 10 0.12 722 <1 0.06 12 1540 41 <0.01 <2 9 <20 0.01 <10 810034 0.06 10 0.29 906 <1 0.07 18 1290 4 ⊲0.01 <2 9 66 <20 0.03 <10 0.08 12 7 <2 7 40 810035 0.06 10 799 <1 0.07 1440 ⊲0.01 <20 0.01 <10 <2 7 40 810036 0.05 10 0.1 670 <1 0.06 10 1450 5 ⊲0.01 <20 0.01 <10 810037 0.05 ⊲0.01 <2 8 45 0.02 <10 10 0.18 786 <1 0.04 15 1450 6 <20 810038 0.05 10 5 <0.01 <2 7 43 <20 0.02 <10 10 0.1 718 <1 0.07 1550 7 37 810039 0.04 10 0.09 758 <1 0.05 10 1540 5 ⊲0.01 <2 <20 0.01 <10 810040 0.03 10 0.08 706 <1 0.04 11 1540 5 ⊲0.01 <2 7 31 <20 0.01 <10 810041 0.04 10 0.1 671 <1 0.09 13 1380 3 <0.01 <2 7 52 <20 0.02 <10 810042 0.14 10 0.11 658 4 0.02 16 1040 4 ⊲0.01 <2 7 44 <20 0.01 <10 810043 0.32 0.08 0.03 7 200 2 ⊲0.01 <2 3 64 <20 <10 10 368 1 ⊲0.01 810044 0.31 20 0.08 457 <1 0.02 7 150 2 ⊲0.01 <2 3 51 <20 ⊲0.01 <10 4 <2 810045 0.27 10 0.09 344 <1 0.01 110 4 ⊲0.01 3 34 <20 <0.01 <10 810046 0.28 10 0.08 284 0.01 4 90 2 <0.01 <2 3 46 <20 ⊲0.01 <10 <1 810047 0.29 10 0.08 297 <1 0.01 2 50 4 <0.01 <2 3 34 <20 <0.01 <10 0.28 2 5 <2 3 29 810048 10 0.08 383 <1 0.01 40 <0.01 <20 <0.01 <10 810049 0.23 <10 0.1 410 <1 0.01 2 40 9 ⊲0.01 <2 2 38 <20 ⊲0.01 <10 810050 0.23 <10 0.05 291 <1 0.01 2 40 3 0.01 <2 2 28 <20 <0.01 <10 2 3 0.04 <2 2 19 810051 0.17 10 0.05 314 <1 0.01 40 <20 <0.01 <10 3 3 810052 0.23 10 0.11 307 <1 0.02 4 70 0.01 <2 33 <20 <0.01 <10 810053 0.48 10 0.58 522 <1 0.04 3 800 2 <0.01 <2 2 48 <20 0.13 <10 5 810024 0.05 10 0.03 386 <1 <0.01 20 150 <0.01 <2 4 24 <20 <0.01 <10 7 810501 0.01 <10 0.09 35 <1 0.02 2 30 <2 ⊲0.01 <2 <1 <20 ⊲0.01 <10 27 2 810502 0.06 20 0.57 677 <1 0.23 2180 <0.01 <2 4 162 <20 0.1 <10 60 3 <2 16 133 <20 810503 0.16 10 2.8 696 0.15 1910 <0.01 0.19 <10 <1

Exploration Work Type (2008)	Comment							
Consulting and Geological						- Tr.		
Personnel (Name)* / Position	Field Days (list actual days)	Days		Rate	Su	ubtotal*	1	Totals
Edwin M Rodriguez/ Geo	Mar 16-18 (3), April 14-18 (4), May 19-23 (5)	_	-					
	July 14-15 (2)	14.00	\$	318.44	\$	4,458.16		
Discover Coolegical Consultants/Co	a March 1 ((2) Eab 1 29 (29) April 1 20 (20)			_	_			
Discover Geological Consultants/Ge	May 1-30 (30) Jun 1-15 (15) Jun 16-30 (15)		-		-		-	
	Jul 1-15(15)	136.00	\$	497.68	\$ 6	7,684.73		- 690
						<u> </u>		
Todd W. Johnson /Geo	April 2, 6-9, 11-13 (8)	8.00	\$	303.53	\$	2,428.20		
Brockton Group/ Consultant	July 15.16,17, June 21,22,23 (5.5) May 23, 24 (2	7.50	\$	175.00	\$	1.312.50		
Greg R. Thomson /Geo	April 20-21, May 9-18, April 20, 22, May 8, 18 (15)							
	Jan 10-11, April 1-30 (32)	47.00	\$	79.08	\$	3,716.63		
George Gorzvnski/Geo	Jan-Dec (2)	2.00	\$	600.00	\$	1,200.00	-	
			Ŧ		T	-1-00.00		
					\$ 8	30,800.22	\$	80,800
Datalah Turangan			-		_		-	
Patrick Trueman	July 1-4,7-11,14-18,21-25,28-31 (22.75, Aug 1-2 5-8 12-15 18-22 25-27 (17)	39.75	¢	896 54	\$ 3	5 637 39		
14	Nug 1 2,5 0,12 15,10 22,25 27 (17)	33.75	*	030.31	* -	5,037.55		
Mike Buchanan	April 16-18, May 1,4,6-7,12,14-16, 20-23,16, 28 (14)							
	June 5-6,11-14,16-19,23-30 (16.5)							
	July 1-5,7-12,14-18,21-25,28-31 (24.75)	77.75	\$	283.26	\$ 2	22,023.35	_	
	Aug 1,3-9,11-15,18-22,25-28 (22.50)							
			1					
Randy Coutlee	July 7-11, 14-18, 21-25,28-31 (19)	29.00	\$	222.34	\$	6,447.80		
	Aug 1,5-8,11-15 (10)							
Pearl Lawronco/House Cleaner	March 5 12 22 24 (4)	_	-		-			
Fear Lawrence/House Cleaner	June 19	28.00	\$	37.48	\$	1.049.50		
	July 2,4,8,11,14,16,22,25,28,30				1			
Lyle Haller	July 7-11,14-16,18,21-25,28-31 (18)	28.00	\$	222.30	\$	6,224.47		
	Aug 1,5-8,11-15 (10)		-				-	
Connor Buchanan	July 1-5,7-12,14-18,21-31 (26.75)	44.75	\$	211.81	\$	9,478.50		
	Aug 1,4-9,11-15,18-22 (18)		-	_	-			_
Lower Nicola Band	May 13		\$		\$	180.00		
			-					
Miscellaneous	Worksafe BC		\$	-	\$	881.59	-	
			-		\$ 5	81.922.60	\$	81.923
Accommodation & Food	Rates per day		-		7	51,522.00	+	01/020
House	Darch & Catherine Oborne	274.00	\$	65.35	\$:	17,904.85		
Camp	Hydro, electricity	92.00	\$	3.38	\$	311.22		
Meals	Actual cost	(* .	\$	•	\$	8,035.04		
			-		¢ '	26 251 11	¢	26 25

Assays and Geochem						
Soil (sampling)	EcoTech	1.00	\$ 5,816.73	\$ 5,816.73		
Pulp	AcmeLabs	1.00	\$ 250.82	\$ 250.82		
Rock	ALS	2.00	\$ 2,407.15	\$ 4,814.29		
				\$ 10,881.84	\$	10,882
Ground Exploration Surveys	Area in Hectares/List Personnel					
Geological mapping	22 sq. feet, 36 feet x 48" + 36 feet x 54",					
	14 feet x 19 feet /Actual Cost (Terry Lee)	-	\$ -	\$ 2,740.50		
Regional	Actual Cost	-	\$ -	\$ 4,862.17		
				\$ 7,602.67	\$	7,603
Miscellaneous						
Communication	Telus, Province-Wide	-	\$ -	\$ 2,209.94		
Field supplies	Hose, trimmer, lawnmower, tarp, excavator, gate, bolts, saw			\$ 12,849.85	_	
				\$ 15,059.79	\$	15,060
Transportation						
Vehicle rental	Zeemac	170.00	\$ 82.78	\$ 14,072.89		
Fuel	Johnny's On The Rez	2,615.30	\$ 2.13	\$ 5,570.03		
Helicopter charges	Valley Helicopter	-	\$ -	\$ 17,944.99		
Other (specify):	Repairs, labour, mileage, parking, tolls, maintenance		\$ -	\$ 9,202.94	-	
				\$ 46,790.85	\$	46,791
Other Operations			M			
Trenching and roads:						
Skidding, falling, lowbedding, labour	Maka Contracting, Inland Timber, Gerry Desilets,					
	Rob Scott, Coast Mountain, Patrick Trueman, Atlantic Ind.	23.00	\$ 3,439.06	\$ 79,098.46	\$	79,098
						749.400
IOTAL EXPENDITURES		1			Þ	348,408

RGS stream sediment gold anomaly. Follow-up sediment sampling in the Bonanza Creek drainage (PV 1 claim) confirmed the anomalous gold values and some fragments of banded



FIGURE 4: PV Exploration targets and new road location



FIGURE 5: Bonanza Zone with location of Trench 1 and 2

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Figure 6 below shows the completed traverse to the location of the high grade sample and approximately 400 meters north of the HG Location. The area is characterized by very

1500

il freoment

810022 : Au=<0.005

810010 : Au=<0.005

810008 : Au=0.051

810011 : Au=<0.005

810019 : Au=<0.005

810020 : Au=<0.005

810007 : Au=<0.005

810006 : Au=<0.005 810012 : Au=<0.005

810018 : Au=<0.005

10014

810014

: Au=<0.005

Two trenches were hand dug and sampled during 2008 totalled approximately 120 metres in linear length. Depths of the trenches varied from 0.4 to 1.60 m.

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A

5550500 mN

5550000 mN

5549500 mN

5549000 mN

5548500 mM

1300

Projection: UTM: Datum: Nad63

500m