

1991 DIAMOND DRILLING AND GEOLOGICAL REPORT

on the

INDEPENDENCE PROPERTY

STEWART, B.C.

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1991 DIAMOND DRILLING AND GEOLOGICAL REPORT
on the
INDEPENDENCE PROPERTY

**Skeena Mining Division,
British Columbia**

**Latitude: 56° 05'N Longitude: 129° 55'W
NTS 104A/4W**

for

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by

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December 10, 1991

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1.4 Previous Exploration & Property History

The Stewart area has been the scene of numerous prospecting, mineral exploration and mining activities since 1898. Massive sulphide base and precious metal deposits have been the focus of development during this period. Recent activity in the area has largely focused on the potential for stratabound "exhalative" type precious metal deposits. The most successful properties with a production record include the Premier located approximately 3 km west of the Independence Property. A total of 1.8 million ounces of gold, 41.1 million ounces of silver, and millions of pounds of copper, lead, zinc and cadmium were recovered up until 1968 (Grove, 1971). The Premier has a stratabound deposit reported to contain 6,000,000 tons grading 0.05 oz/ton gold and 2.5 oz/ton silver (Westmin Resources; Northern Miner, November 10, 1986).

Second to the Premier in production is the Big Missouri deposit, located 4 km north of the Independence Property. Between 1927 to 1942, some 58,000 ounces of gold were recovered from silica lenses on the Big Missouri system (Grove, 1971). The Big Missouri has current reserves estimated at 3,000,000 tons grading 0.075 oz/ton gold and 0.95 oz/ton silver (Westmin Resources; Northern Miner, December 1, 1986). The most recent producer in the area is the SB Property of Tenajon Silver which is located approximately 3 km northwest of the Independence Property.

The lithologies which contain the Premier and the Big Missouri deposits have been mapped by both Grove (1971) and Aldrich (1984) as occurring within the Independence project area.

The Independence Property has been investigated since 1917 when a surface exposure of veining was first discovered. Up to 1919, work consisted of prospecting and minor stripping. In 1919, short adits and open cuts were excavated. The following summarizes the work conducted between 1917 to 1991:

1917 - 1923

The Fitzgerald brothers uncovered and traced several vein structures on surface and developed six underground adits on the Independence property. This work was recorded in the British Columbia Minister of Mines Annual Report as follows:

"In 1920, an open cut uncovered a 14 ft wide vein assaying 18 oz/ton silver (Big Casino); in 1922 produced a grab sample from this area assayed 0.04 oz/ton gold and 28 oz/ton silver.

Adits driven between 1925 to 1929 encountered 16 ft of mineralization assaying \$12.00 ton, largely in silver and 15 ft of 1.8 oz/ton silver and 3.8% zinc. (Big Casino)

Shear zones were reported to assay up to 0.18 oz/ton gold, 1.2 oz/ton silver, and 2.7% copper (Independence claim).

Two angled diamond drill holes were drilled in the early 1920's for a total length of 155 metres in the vicinity of the open cuts above Adit 1. One hole was not long enough to reach vein material, but the other intersected soft and broken (vein?) material; but both core recovery and assay results in this intersection were poor".

1965 Documented work began again in 1965 when a portion of the Independence property was examined by Canex Aerial Exploration Company. Geological mapping, magnetometer survey, soil geochemistry, and limited trenching was conducted on the property.

1979 - 1985 Exploration work was carried out by Tournigan Mining Exploration Limited in 1980. The limited program included geological mapping and sampling mainly in the Vein 1 zone. Eight samples were taken from the underground workings in the vicinity of Adit 1 (Figure 13), and assayed between 0.005 to 0.46 oz/ton gold, 0.50 to 2.72 oz/ton silver, 0.07 to 4.66% copper, 0.07 to 4.4% lead and 0.52 to 2.96% zinc.

A chip sample of a narrow vein (30 cm wide) assayed 0.13 oz/ton gold, 1.57 oz/ton silver, and 1.27% copper (Smitheringale, 1984).

1986 Moche Resources Inc., optioned the property from Mr. D. Javorsky of Stewart, B.C., and conducted an exploration program in 1986 which included geological, geochemical, magnetometer, VLF-Electromagnetic and airborne geophysical surveys. The aim of their exploration program was to define zones of economic potential in an area of known precious metal-bearing structures. No drilling was performed during this period. The results of this work is described in the report by F. Di-Spirito (1986).

1988 Further work was conducted in 1988 by Moche Resources Inc., under the supervision of G. Richmond, P.Eng. This program included geological mapping, trenching, and sampling. The aim of this work was to increase the known strike length of previously trenched veins containing massive sulphides.

SUMMARY

The Independence property is located on the east slope of the Bear River Ridge, 16 km north of Stewart, B.C., where the Portland Canal dyke swarm is intruded into a pyroclastic and volcano-sedimentary sequence. Extensive replacement veining containing massive sulphides (pyrite, galena, sphalerite, chalcopyrite, magnetite and pyrrhotite) has been located where dykes have intruded into the country rock.

Only superficial examinations of the subject property have been carried out over the last 50 years. In 1986, Shangri-La Minerals Ltd., performed a phase I exploration program on behalf of Moche Resources Inc. The aim of this work was to define zones of economic potential in an area of known precious metal bearing structures. The results of this work is fully described in the report by Di Spirito (1986).

In 1988, a follow-up phase II exploration program was conducted by Moche Resources Inc., in order to increase the known strike-length of the previously trenched veins containing massive sulphides. The 1988 program was planned to include geological mapping, trenching and sampling in an area above 1,000 m.a.s.l., in order to increase the known strike length of previously trenched veins containing massive sulphides. However, deep snow prevented the location of new trench sites, and an alternative approach had to be adopted wherein existing trenches were deepened and extended and new trenching was done on exposed veins. Geological mapping and prospecting was performed at lower elevations and in underground workings. Significant values of silver and gold were obtained from sampling along the vein system. Twelve assays returned silver values in excess of 4 oz/ton. Chip Sample GI-17 taken across a width of 2.0 m assayed 11.73 oz/ton silver. Grab sample GI-40 taken of vein material and containing galena and pyrite assayed 16.63 oz/ton silver. There are at least four zones of potential economic mineralization in the area examined in 1988. Only on the Vein 1 zone has significant exploration been carried out. The results of this work is fully described in the report by G. Richmond, P.Eng., (1988).

In 1990, Gewargis Geological Consulting Inc., conducted a Phase I diamond drill program on the Independence property on behalf of Armeno Resources Inc. Six holes were drilled during Phase I for a total of 764.13 metres (2,507 feet). In addition, geological mapping, trenching, and geophysical and geochemical surveys was performed on the north and south part of the property. This phase concentrated on testing the economic potential of Veins 1 and 2, in the vicinity of Trenches 5,6,7 and the area between Adits 1 and 2, and to also evaluate and test the possibility of volcanogenic massive sulphide mineralization on the property.

During the 1990 program, holes 90-1 to 90-4 were drilled at the north extension of the grid area above the main workings on Vein 1 and 2 (see Figures 5,6,8) in order to test the silver mineralization potential along the strike and to the depth. Holes 90-1 to 90-3 intersected these vein structures and the highest values were obtained from hole 90-1 assaying 15.20 oz/ton silver over 0.7 metres (2.3 feet), and hole 90-2 assaying 0.04 oz/ton gold and 54.3 oz/ton silver over 0.8 metres (2.6 ft).

Hole 90-5 located at the south extension of the grid below the main workings of Adit 1 intersected two zones of mineralization, and the highest values from this hole assayed 0.001 oz/ton gold, 4.53 oz/ton silver and 6.04% copper over 0.3 metres (1.0 ft). The second intersection assayed 0.188 oz/ton gold, 2.72 oz/ton silver, 2.54% copper, 1.02% lead and 4.48% zinc over 1.1 metres (3.5 ft). The 1990 program confirmed the presence of gold-copper massive sulphide mineralization within the system.

In 1991, Gewargis Geological Consulting Inc., conducted a Phase II diamond drill program on the Independence property on behalf of Armenex Resources Canada Inc., in order to explore and evaluate the potential of the gold-copper mineralization along the strike and at depth in the south extension of the grid, and south of hole 90-5. Eleven holes were drilled totalling 1,338.5 metres (4,391.5 feet). Holes 91-1 to 91-3 and 91-5 to 91-9 intersected the main mineralized zone with encouraging gold, silver and copper values Table 3 (Page 19).

The drill program confirmed the existence of mineral zonation wherein metal values increase at depth. The distribution of these metals indicates that silver values increase in the area of drill holes 90-1 and 90-2 intersections, and gold-copper values increase in the area of drill holes 90-5, and 91-1 to 91-3 intersections. This mineralized area represents an **ore shoot** approximately 15 metres above the extension of Adit 2 to the surface (Figure 14-18). The calculated equivalent dollar values of gold, silver, copper per ton intersected within this **ore shoot**, using metal prices of gold \$355.00 per ounce, silver at \$3.90 per ounce and copper at \$1.00 per pound, ranging between \$37.28 to \$226.00 per ton.

Limited drilling footage to date and the widespread drill interval centres makes it difficult to fully evaluate the economic potential of the mineralization on the Independence property. The existence of economic mineralization within the ore shoot ranging in values between \$37.28 to \$226.00 per ton, and an excellent infrastructure, i.e., the property is well situated geographically, close to a seaport and existing power grid, highway, access to the Premier mill facilities (Westmin), and to the town of Stewart and a potential workforce that has mining experience, makes the Independence property a viable target for advanced exploration and development. It is therefore recommended that a Phase III program of more detailed diamond drilling be conducted in the area of the **ore shoot**, as well as geological, geochemical and geophysical surveys at an estimated cost of \$300,000.00.

1.0 INTRODUCTION

The author was engaged by Armenex Resources Canada Inc., to supervise a Phase II diamond drilling program on the Independence Property during the period August 4 to August 30, 1991. In addition, geological mapping and prospecting was conducted on the southern portion of the property and in the area of the 1991 camp in order to evaluate the gold-copper mineralization.

This work was conducted in the vicinity of the grid line between Lines 2+40S to 3+66S, and 0+89E to 1+43E south of hole 90-5, where 1990 diamond drilling intercepted a mineralized zone assaying 0.152 oz/ton Au, 2.17 oz/ton Ag, and 2.02% Cu., over 1.5 metres (5.0 feet). Eleven holes were drilled during phase II totalling 1,338.5 meters (4,391.5 feet) and 345 core samples were collected and analyzed for gold and 32 additional elements using fire assaying and ICP techniques.

Overall on the property, a total of 2,102.63 meters (6,898 feet) of core were drilled during the Phase I (1990) and Phase II (1991) drilling programs.

This report describes the Phase II drilling program as well as summarizing previous work on the Independence Property.

1.1 Location and Access (Figure 1)

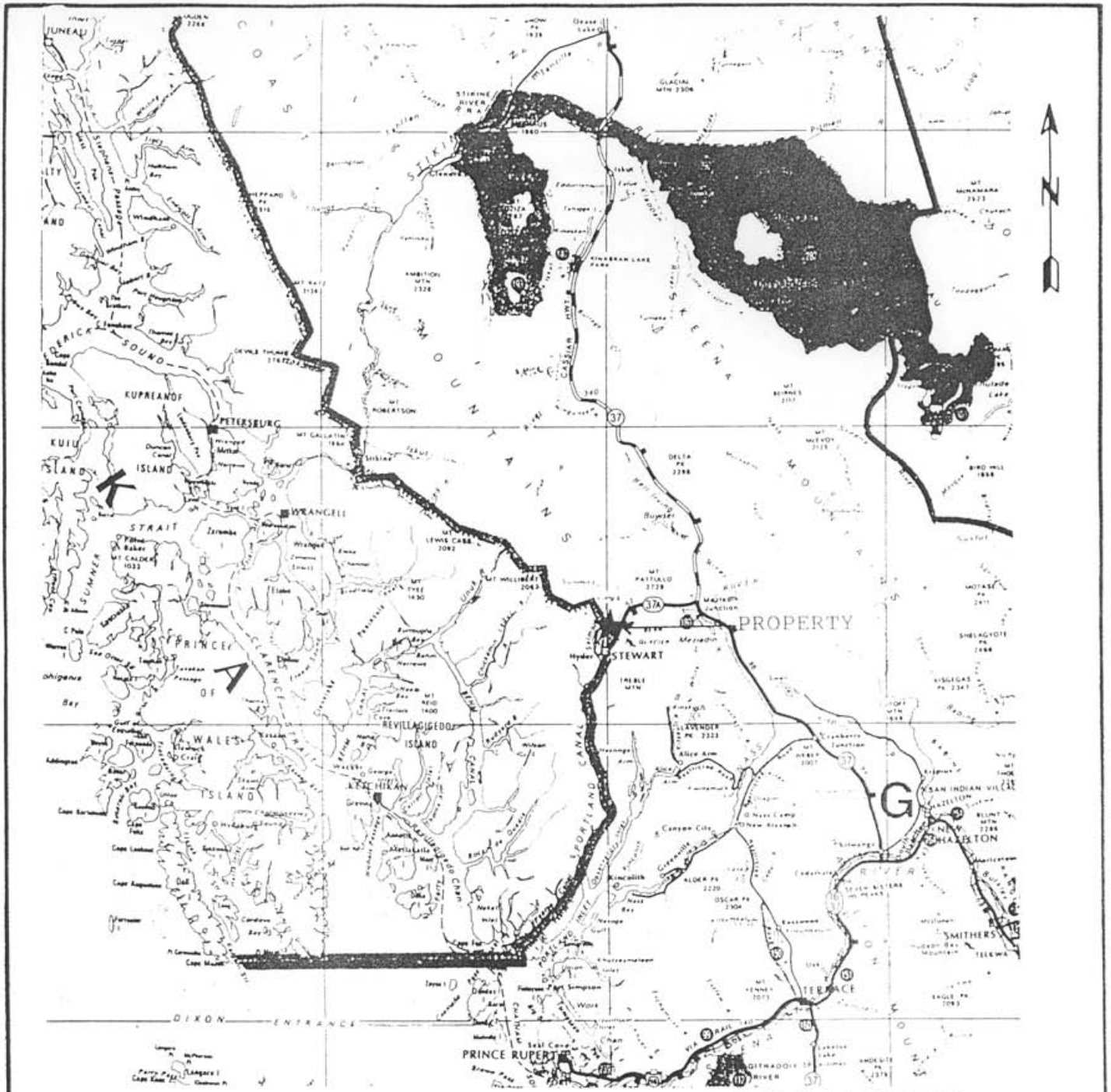
The Independence Property lies within the Boundary Ranges of northwest British Columbia, 16 km north of Stewart at the head of the Portland Canal in British Columbia. (Figure 1). The deposit is located on the southeast slope of the Bear River Ridge, overlooking the Bear River, and covers a total area of 8.75 square kilometres centered on latitude 56° 05' North and longitude 129° 55' West (NTS Map Sheet 104A/4W).

At present, the only access to the property is by helicopter from either Stewart or a staging area on the Stewart-Cassiar Highway at the east side of the Bear River near Bitter Creek.

Road access to Stewart, B.C., is by a paved all-weather highway from Terrace on Highway (16) northeast for 91 km to Kitwanga, and then northwest 172 km on Highway (37) to Maziadin Lake Junction and 67 km west on Highway (37A) to Stewart, B.C.

1.2 Physiography and Climate (Figure 2)

The claims are situated on the southeast slope of Bear River Ridge overlooking the Bear River, and cover some extremely steep topography. The lower southern portion is nearly



SCALE 1:2 500 000



ARMENEX RESOURCES CANADA INC.

**INDEPENDENCE PROPERTY
STEWART, B. C.
SKEENA MINING DIVISION, NTS. 104A-4W**

LOCATION MAP

★ PROPERTY LOCATION

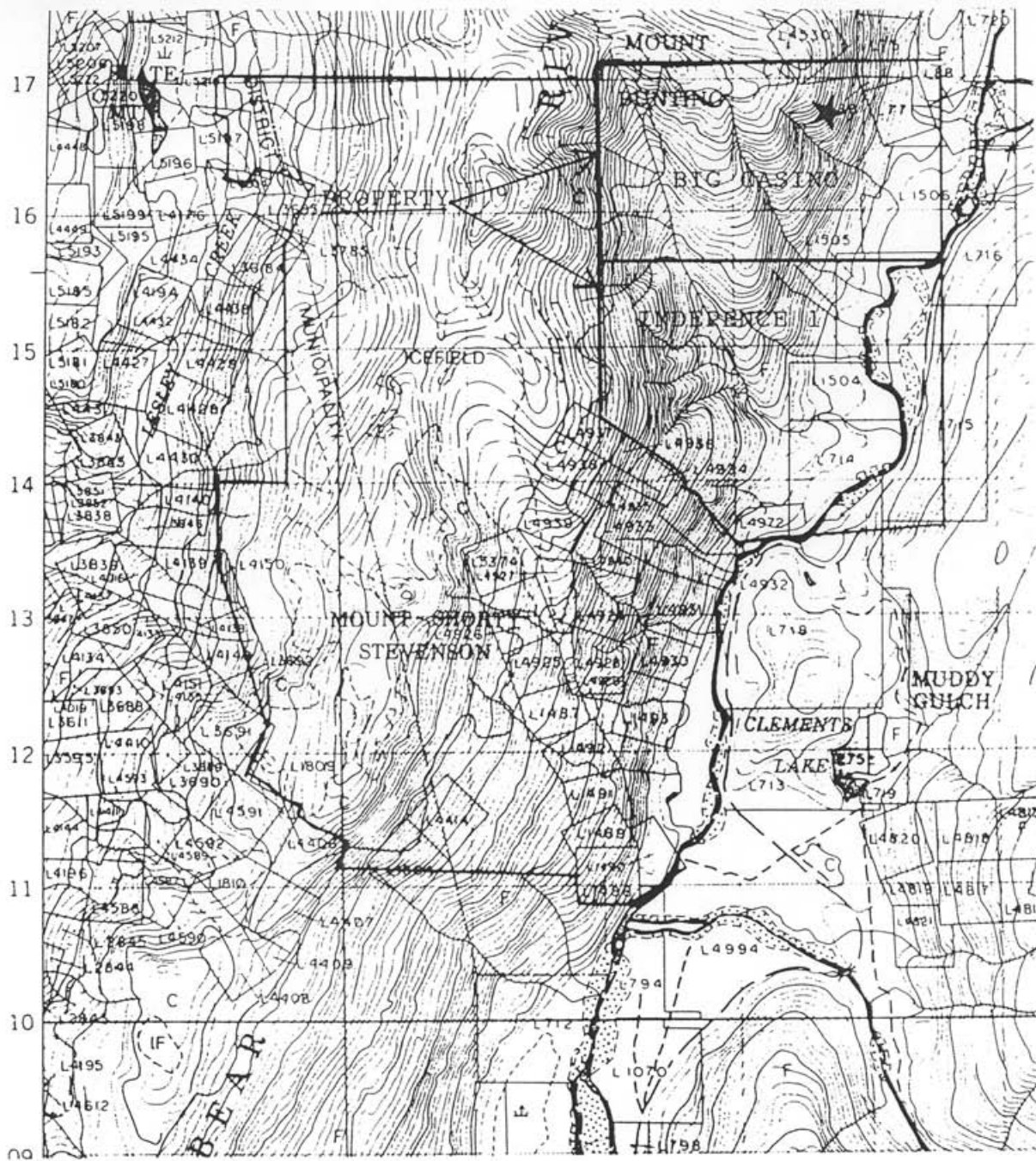
TO ACCOMPANY A REPORT BY:
WILSON A. GEWARGIS, B.Sc., F.G.A.C., F. Aus. I. M. M.

SCALE: 1:2 500 000

FIG. 1

DRAWN BY: D. G.

Date: Dec.91



SCALE 1:50,000



ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
 STEWART, B. C.
 SKEENA MINING DIVISION, NTS. 104A-4W

TOPOGRAPHY MAP

★ PROPERTY LOCATION
 GRID AREA

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SCALE: 1:50,000

FIG: 2

DRAWN BY: D. G.

Date: Dec. 91

at sea level and rises to an elevation of more than 1,500 metres in less than 1 km. The surface and underground showings are at an approximate elevation of 800 and 1,200 metres on a steep (35° to 45° overall) slope. The slope has many locales of near vertical rock bluffs especially in the proximity of the two creeks (Independence and Fitzgerald) which bound the above area to the east and west respectively. Drainage is southeastwards to the Bear River. The upper slopes of the Bear River Ridge are fairly gentle, but are covered by an icefield. Rock exposures are scarce and generally confined to the main mineralized zones on the grid, creeks, and steep slopes.

Sufficient water for exploration and development purposes is available from various creeks draining the Independence Property. Drainage is southeastwards to the Bear River. Timber resources for exploration and development purposes are available below 1036 metres (3400 feet).

The climate in this region is wet with heavy snowfall in the winter. The property can be worked from mid-June through mid-October.

1.3 Property Status and Ownership (Figure 3)

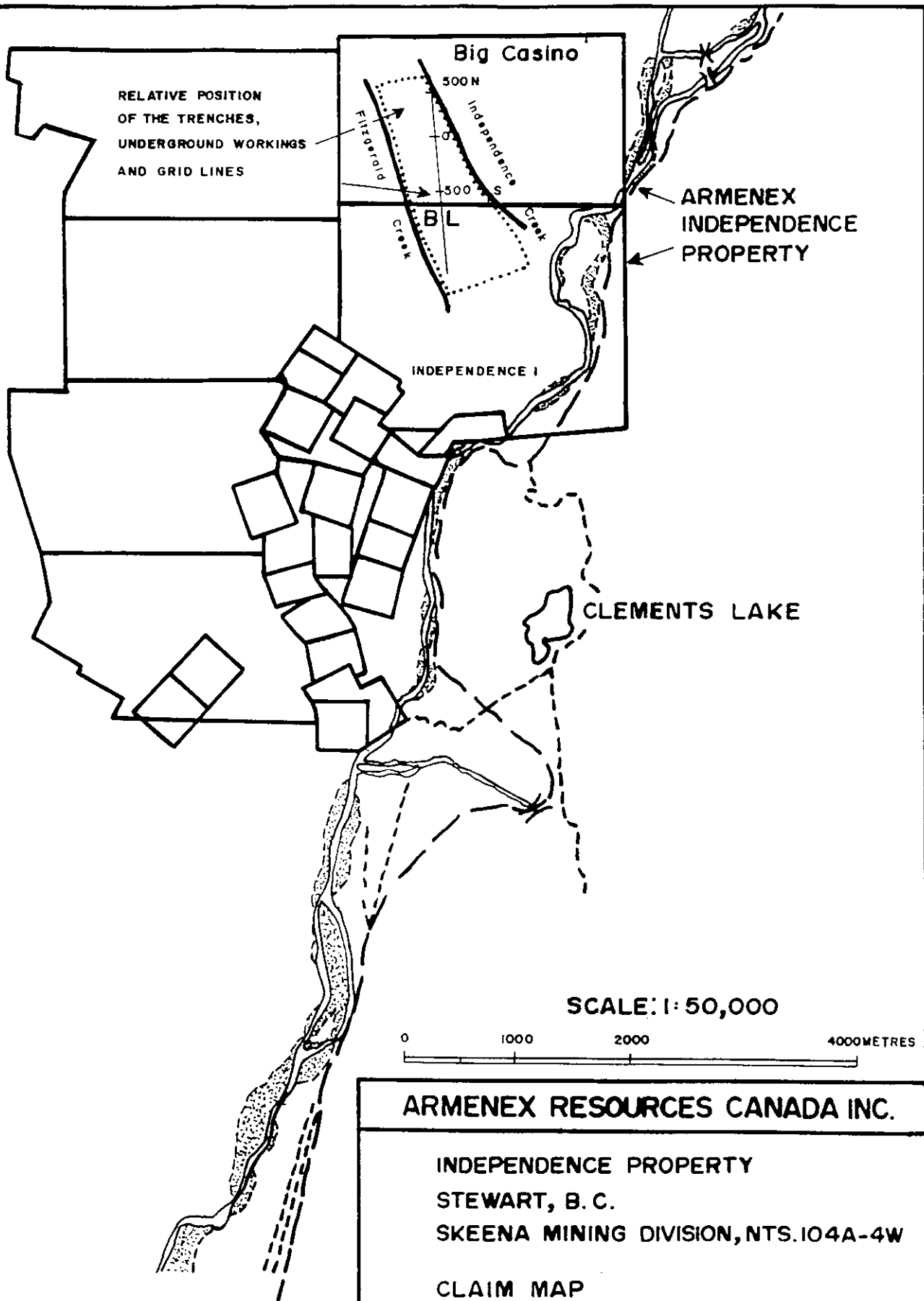
The Independence Property covers 2 claims comprised of 35 units or 875 hectares (2162 acres) that are under option to Armenex Resources Canada Inc., from Armeno Resources Inc., since July 4, 1990. The claims lie within the Skeena Mining Division, British Columbia.

The Independence Property is shown on the Mineral Claim Map NTS 104A/4W and on Figure 3 of the present report.

The property is recorded at the British Columbia Ministry of Energy, Mines and Petroleum as follows:

TABLE 1
Mineral Claims Summary

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Big Casino	5382	15 Units	June 2, 2001
Independence	5383	20 Units	June 2, 2001



RELATIVE POSITION
OF THE TRENCHES,
UNDERGROUND WORKINGS
AND GRID LINES

Big Casino

500 N

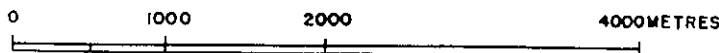
500 S

INDEPENDENCE I

ARMENEX
INDEPENDENCE
PROPERTY

CLEMENTS LAKE

SCALE: 1: 50,000



ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
STEWART, B. C.
SKEENA MINING DIVISION, NTS. 104A-4W

CLAIM MAP

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SCALE: 1: 50,000

FIG: 3

DRAWN BY: D.G.

Date: Dec.91

No new trenches were excavated due to deep snow conditions, and as an alternative approach, the existing trenches were deepened and extended, and new trenches were excavated on exposed veins. Also geological mapping and prospecting was performed at lower elevations and in underground workings. No diamond drilling was performed during the 1988 program.

1990 Armeno Resources Canada Inc., conducted a Phase I drilling program on the Independence property between July-August 1990, which included geological mapping, prospecting, geochemical and geophysical surveys, trenching, and 764.13 metres (2,507 ft) of diamond drilling. The encouraging results obtained from the Phase I drill program resulted in a follow-up program.

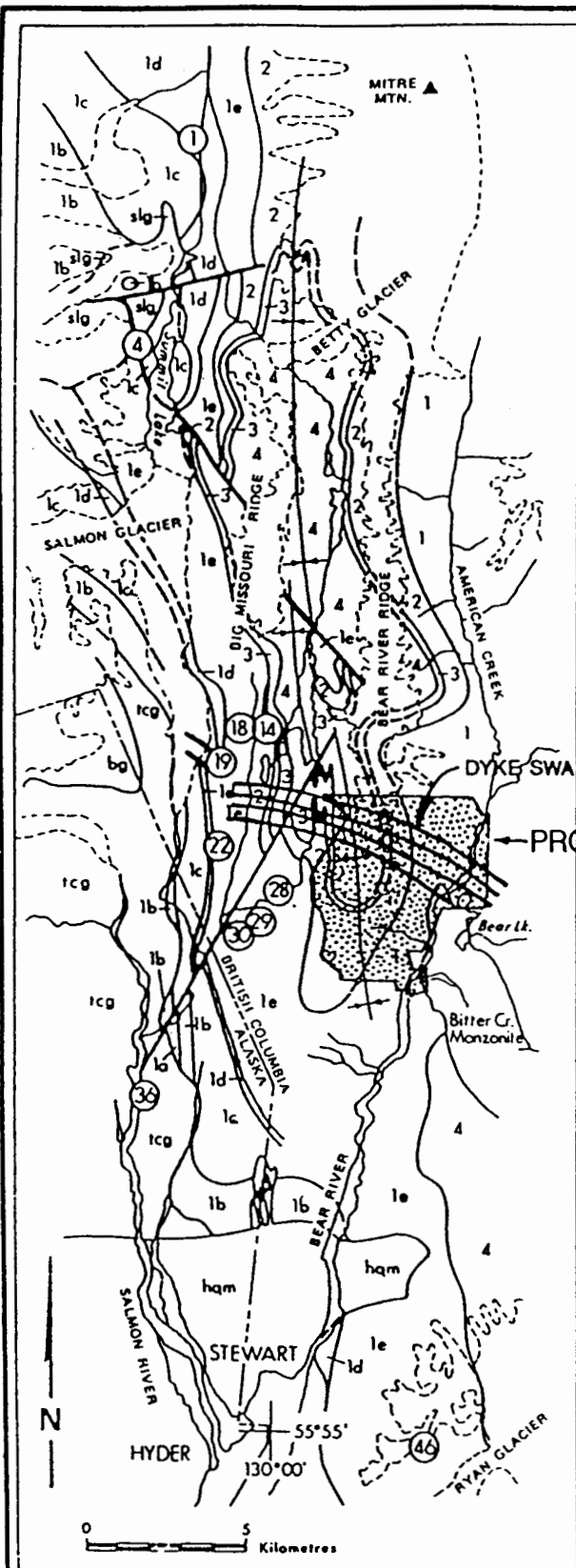
1991 In August 1991, Armenex Resources Canada Inc., conducted a follow-up diamond drilling program to further assess the economic potential of gold-copper mineralization on the Independence Property, and the results of this program is covered in this report.

2.0 GEOLOGY

2.1 Regional Geology (Figure 4)

The regional geology of the Independence property occurs within the Stewart Complex where sedimentary, volcanic, and metamorphic rocks bordering the Coast Plutonic Complex range in age from Middle Triassic to Quaternary. The Stewart Complex is described in detail by E.W. Groves in the B.C. Department of Mines, Bulletin 58 (1971), and Bulletin 63 (1986); D.J. Aldrick of the B.C. Department of Mines, geological field work (1982, 1984), and most recently by F. DiSpirito, P.Eng., et al (1986) and G. Richmond, P.Eng., et al (1988).

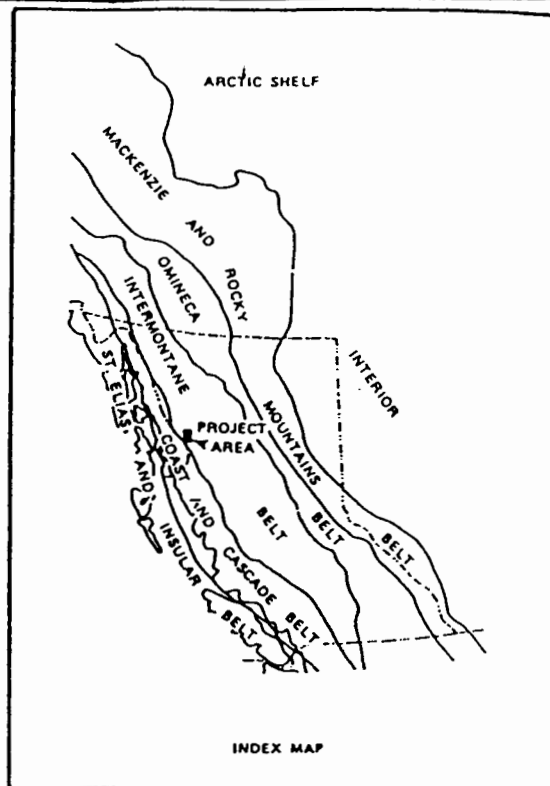
The regional geology of the Stewart Complex is characterized by a series of Lower to Middle Jurassic sedimentary and volcanic rocks of the Hazelton assemblage. These rocks are in contact with Coast Range intrusions, the most notable of which is the Texas Creek granodiorite. The Premier porphyry dykes, around which the ore lenses of the Silbak Premier mine were formed, are related to late stages of the Texas Creek intrusion. Other dyke systems include the Tertiary Portland Canal dyke swarm. The location and extent of the Portland Canal dyke swarm have been outlined by E.W. Grove (1986), Ministry of Energy, Mines and Petroleum Resources, Bulletin 63, as follows:



MAJOR ROCK UNITS

- 4 - Sedimentary Sequence
- 3 - Felsic Volcanic sequence
- 2 - epiclastic Sequence
- 1 - Andesitic Sequence
- 1cg-Texas Creek Granodiorite

TO ACCOMPANY A REPORT BY:
 WILSON A. GEWARGIS, B.Sc., F.G.A.C., F. Aus. I. M. M.



MAJOR MINERAL DEPOSITS

PROPERTY BOUNDARY

- EAST GOLD MINE _____ (1)
- SCOTTIE GOLD MINE _____ (4)
- DAGO HILL DEPOSIT _____ (14)
- BIG MISSOURI MINE (S-1 ZONE) _____ (18)
- CONSOLIDATED SILVER BUTTE DEPOSIT _____ (19)
- INDIAN MINE _____ (22)
- SEBAKWE MINE _____ (28)
- B.C. SILVER MINE _____ (29)
- SILBAK PREMIER MINE _____ (30)
- RIVERSIDE MINE _____ (36)
- PROSPERITY AND PORTER IDAHO MINES _____ (46)

0 5 KILOMETRES

ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY

STEWART, B. C.

SKEENA MINING DIVISION, NTS. 104A-4W

REGIONAL GEOLOGICAL MAP

REPRODUCED FROM ALLDRICK - 1984

SCALE:

FIG: 4

DRAWN BY: D. G.

Date: Dec.91

The Portland Canal dyke swarm is one of several en echelon swarms that are spatially related to the margin of the Coast Plutonic Complex. The Portland Canal swarm is the most extensive of these and has been traced in detail from Mount Bayard to Mount Dickie, and extended another 5 km to Mount Trevor, located in the centre of the Cambria Icefield. The known length of the Portland Canal dyke swarm is 42 km and the inferred length about 56 km.

On the east side of Bear River Ridge, the country rock, thick-bedded volcanic conglomerates and breccias show stratification, but within the swarm primary features are destroyed and hundreds of dykes form up to 90 per cent of the total rock mass.

The attitude of the dykes and dyke swarms is strongly influenced by the structure and competence of the country rocks. Where the country rocks are siltstone and greywackes the Portland Canal swarm curves arc-like between Bear River Ridge and Salmon Glacier. The most prominent curve, a sharp northward bulge between Long Lake and Union Lake on the south slope of Mount Dillworth, marks the area where dykes were injected into fairly flat-lying, thin-bedded sedimentary rocks in the axial zone of the Dillworth syncline. Both east and west of this syncline dykes cut massive epiclastic volcanics and are nearly vertical and have a constant trend. In the flat-lying sediments intrusion was dominantly along bedding planes to produce a layer-cake effect.

The larger dykes are up to 140 metres thick and extend for thousands of metres in length and depth. Some probably extend down into an underlying larger mass like the Bitter Creek pluton. Within the Portland Canal swarm, individual dykes vary both in texture and composition. Most are granite, quartz monzonite, granodiorite, and quartz diorite. Changes of variations in the texture and composition also occur within the dykes.

In the Stewart district the Portland Canal dyke swarm was a locus for late quartz sulphide mineralization. Many dykes in the swarm have been fractured and faulted and the openings filled with pods and lenses of quartz and silver-bearing sulphides. None of these deposits has been a large producer but the dykes have attracted exploration for many years.

Although none of the Portland Canal dykes have been radiometrically dated, the field evidence supports a relationship with the Late Tertiary Hyder pluton.

2.2 Property Geology (Figure 5)

A complete examination of the property and drill core in 1990 and 1991 confirms that the essential features on the Independence Property are dominantly volcanic units, with conformably layered volcano-sedimentary rock units intruded by silic dykes. The andesite rock is the main dominant volcanic unit exposed in the area of the main grid and

represents 60% of the total rock type encountered during drilling and has formed several variations in color, composition and texture. It was observed during examination of the drill core, that the andesite consists of four major variations which have been fully described under Rock type (Lithology) (Pages 24-26).

The surface examination of the most common variation shows that the andesite comprises dark grey to green, texturally fine-grained to massive, and occasionally porphyritic and rarely dykes.

The phenocrysts consist of plagioclase, biotite and hornblende with crystal up to 3 mm and represents up to 30% of the rock content. Another distinctive variation is red andesite which is texturally similar to the main andesite but is reddish in colour, and varies in extent from patches of red in a green matrix to completely red massive rock.

The andesitic dyke is another variation of the andesite which has been observed on the property. These dykes are texturally and mineralogically identical to the andesite country rock; their only distinguishing feature is a pair of parallel fractures. An example of these dykes occur near Adit 1 where two parallel andesitic dykes, 1.5 metres apart, and each 30 cm wide, have an attitude of $128^{\circ}/90^{\circ}$. The andesite rock unit may be altered in various ways, and more pronounced alteration is in the form of fine-grained to disseminated pyrite which occurs in most of the andesite variations in which may be diagenetic.

Quartz-carbonate stringers are also Omnipresent. Occasionally the andesite is slightly sheared with a chloritized appearance, but there is no other direct evidence of any faulting. Epidization may occur in any andesite variation, but may also occur in certain parts of the property more than others, especially the south half of the grid and within the red andesite.

The epidote may occur up to 5% as disseminated, amygdules, irregular, stringers. The other major rock type bound in the main grid area and in the drill core is the silic dykes, namely diorite. It is light grey to white in colour, occasionally greenish, and often speckled black and white. Grain size is fine-to-coarse grained. Mineralogy as determined from hand specimens the dyke is typically 10-30 percent quartz, 30-60 percent plagioclase, 10-30 per cent biotite, and 5-15 percent hornblende, and crystals may be up to 1 cm long.

The quartz-rich dykes are quartz diorite; another type of diorite is the microdiorite which is mineralogically identical to the diorite, and consists of fine-grained matrix with phenocrysts of plagioclase, biotite and hornblende.

Other variations of the diorite occur at L2+50N, 2+00E on the main grid where some potassic feldspar is introduced into diorite; the rock grades into granodiorite. The only alteration observed in the diorite is occasional subparallel interfingering of quartz veins and epidote as in Adit 1. Structurally, the diorite forms near vertical 1 to 20 metre wide dykes, trending north to northwest.

A minor rock type "rhyolite" was exposed adjacent to L2+00N near the baseline. Rhyolite is light in colour and usually massive, although flow textures are weakly evident, and forms a contact with the andesite, trending 135°. This rock type has not been intersected in the drill core.

Although only the main grid area was mapped in detail, prospecting was done over a much larger portion of the Claim Block. The area covered extends from approximately Line 10+00S to the peak of Mount Bunting north, and from Fitzgerald Creek west, and east of the Independence Creek. Rock units observed during prospecting are shown on Figure 5 and their geological descriptions are as follows:

The lowest unit noted was a porphyritic andesite, similar to the porphyritic andesite described earlier. Stratigraphically higher and near Line 5+00S is a lithic tuff, this is a green-to-white finely layered tuff with clasts of subrounded 0.1 to 1 cm volcanics; the layering has an attitude of 172°/90°. Stratigraphically above the lithic tuff is the dominant andesite as described in the main grid section.

At a higher elevation above Line 2+00N of the main grid area to a more complex sequence involving volcanics, pyroclastics and sedimentary rocks. Some of the rock units include: andesites, often porphyritic; andesite dykes; red andesites with calcite and epidote amygdules; maroon volcanics fine-grained red volcanic with 0.1 to 1 cm lithic clasts; crystal tuffs fine-grained purple volcanics with 1 to 2 mm crystals of plagioclase and biotite; quartzites, fine-grained greenish sediment with fine lamellae and quartz grains; cherts; cryptocrystalline greenish chert, banded or massive; and conglomerates 0.1 - 3 cm subrounded clast of various rock types, fine-grained matrix with larger clasts. The last unit is very minor, and was only observed west of Mount Bunting.

An exposure above the Independence Creek and southeast of Mount Bunting reveals the following stratigraphic succession (from lower to upper unit).

- A. Andesite
- B. Quartzite
- C. Maroon Volcanics, 1-5 m thick with 1 m andesitic dykes.
- D. Quartzite, 5 m thick
- E. Interlayered chert-quartzite, 10 m thick with each layer 0.1 - 1 m thick 171°/ 38°W bedding attitude.
- F. Crystal tuff, 20 metres thick.

All of the volcanic, pyroclastic and sedimentary units throughout the property are cross-cut by variations of the diorite dyke. These are mostly northerly trending and steeply dipping, and may form dyke swarms.

There is no direct evidence that any faulting occurs on the property, however, the Fitzgerald and Independence Creeks are presumed to be a parallel fault due to their linear nature.

2.3 Property Mineralization

The nature of mineralization which exists on the Independence Property and has been described in detail in the 1990 Diamond Drilling and Geological Report on the Independence Property by W. Gewargis, B.Sc.,F.G.A.C. The surface observations and diamond drilling results indicate that there are four major types of mineralization and these are summarized as follows:

1) Disseminated Pyrite

The most common mineralization type "Pyrite", occurs as stringer to disseminated and exists in most of the andesitic rock, ranging from <1-10 percent, and in most cases the pyrite is primary (Trench 90-3).

2) Gossan Zones

10 - 30 percent sulphide which is frequently altered to limonite. The pyrite in the gossan zones is not all diagenetic, as it may form stringers, bands, clasts and locally masses. In addition to pyrite, chalcopyrite, and galena may occasionally be present. The most prominent area of gossan exposure on the property is the upper section of the Independence Creek and the northwest corner of the Claim Block. The gossan zone occurs in an area approximately 10 metres wide with minor pyrite stringers.

Quartz veins may cross-cut these zones and some gossan zones are limited to the adjacent country rock of mineralized veins. An example of this is a 2 metre wide mineralized vein near Cave 2 which is a gossamous, slightly sheared zone with anomalous values.

3) Simple Veins

The other type of mineralization is known as a **Simple Vein**. These veins represent an hydrothermal-episode, usually narrow up to 0.5 metres thick and dominantly

quartz with calcite and/or barite gangue. Sulphides are mostly pyrite with minor chalcopyrite, galena, and sphalerite. An example of this type of vein is exposed at Adit 6, and returned anomalous values in silver of up to 0.90 oz/ton silver. These veins have not yet been explored, or their economic potential evaluated, and are probably just an incomplete phase of the more important complex vein.

4) Complex Veins

These veins have had multiple hydrothermal events, and indicate mesothermal at depth, and display the characteristics of a replacement vein. They are dominantly quartz, and have equal amounts of red jasper, barite, (which is very common) and calcite is present. All of the gangue minerals show several episodes of introduction, a form of complex patterns of layering, banding, crustifying and brecciation.

Later, sulphide minerals were introduced, though they may also be subject to subsequent periods of emplacement. The sulphide mineralization consists of pyrite, magnetite and minor amounts of both sphalerite and galena, however, the 1990 diamond drilling revealed that massive chalcopyrite exists within the sulphide mineralization mainly at the southern exposure of the main grid and was intersected in Hole 90-5. Also, during the 1991 diamond drilling pyrrhotite mineralization was intersected for the first time, mainly in Hole 91-8 and 91-9.

In general, these veins strike 132° and dip 70° to 90° SW and follow the contact where quartz diorite dykes have intruded the volcanic units. These veins vary in size from 2 to 6.6 metres wide and were explored between 1917 to 1923 by several adits, and most recently in July-August 1990 and August 1991, Vein 1 and 2 zones were subjected to exploration and testing by diamond drilling.

Following is a brief description of some of the mineralized zones of this type which exist on the property:

Adit 1

This adit explored the Vein 1 zone for a distance of 190 metres. A lower caved Adit 2 also explored the above vein at depth for a distance of 50 metres, and three trenches 5, 6, 7 (Figure 7) at approximately 170 metres north of Adit 1.

Average silver values obtained from the underground sampling of Adit 1 assayed 1.58 oz/ton silver over 2.1 metres.

Trench 7

This trench exposed the Vein 1 zone at surface and the weighted average sample assayed 17.62 oz/ton silver over 5.0 metres. Trench 6 exposed Vein 2 which is parallel to Vein 1, and the weighted average sample assayed 3.90 oz/ton silver over 3 metres. Trench 5 exposed a third vein to the east, parallel to Veins 1 and 2, and the weighted average sample assayed 3.05 oz/ton silver over 6.5 metres. Veins 1, 2 and the parallel structure to the north were the focus of the 1990 Drilling Program, and Veins 1, 2 and the parallel structure to the south were the focus of the 1991 drilling program.

Trenches 2, 3, 4

These trenches were handblasted and trenched over mineralized and silicified breccia zones within sheared felsic dykes, parallel to the Vein 1 zone, approximately 150 metres north of Trench 5 (340 metres north of Adit 1 portal). A sample collected across a 2 metre wide breccia zone in this area assayed 3.40 oz/ton silver and 1 ppb gold (1986). No drilling was conducted in this area during the 1990 and 1991 Drilling Programs.

Adits 3 & 4

Adits 3 and 4 explore a mineralized zone (Vein 4) which is located 200 metres to the east of Trench 5 (Figure 7). Mineralization occurs within a replacement zone in tuffaceous andesite horizon which is flanked by two dykes. A representative chip sample from the upper Adit 4 across 5 metres, assayed 0.12 oz/ton gold and 2.74 oz/ton silver. This area was not tested and evaluated during the 1990 and 1991 Drilling Programs as it is in a particularly precarious location which can only be reached with the assistance of professional mountaineers.

Adit 5

Adit 5 is situated approximately 500 metres southeast of Adit 1, and has been driven for 9 metres in sheared greenstone. A selected sample taken in 1986 from sheared, silicified pyrite-chalcopyrite mineralized in greenstone assayed 0.027 oz/ton gold and 1.17 oz/ton silver. This mineralization is discontinuous with an average width of about 4 metres. Due to overgrowth and rugged terrain, this adit could not be located during the exploration seasons 1990 and 1991. However, several samples were taken from the vicinity of Adit 5 and have returned anomalous gold and copper values.

3.0 1991 PROSPECTING, MAPPING AND DIAMOND DRILLING PROGRAM

3.1 Current Exploration Work

The 1991 diamond drill program conducted between August 4 to 30, 1991 consisted of 1338.5 metres (4391.5 ft) of drilling in eleven holes (NQ equivalent) which ranged in depth from 87.9 to 177.39 metres. The Phase II drill program followed-up encouraging results obtained during the Phase I drill program completed in 1990.

In addition to diamond drilling, prospecting and geological mapping was carried out within the southern portion of the grid area, and a description of this work is summarized as follows:

3.1.1 Prospecting and Geological Mapping

During the 1991 program, rock sampling, prospecting and geological mapping was conducted within the southern portion of the main grid between Lines 2+80S to Line 6+15S and 0+95E to 1+77E, and the most accessible portion of the south grid in the vicinity of Line 11+00S, 2+00E and Adit 5. This work was carried out in order to locate Adit 5 and to explore for massive sulphide mineralization in that area.

In addition to the above work, prospecting and geological mapping was carried out in the area adjacent to the 1990 diamond drill locations. Mapping was also carried out in the area of the 1991 camp where several stockwork quartz vein structures were located between the major dyke unit (Figure 7).

A total of 21 rock chip and grab samples were taken from several locations on the property, mainly the southern portion of the grid and camp area. Values as high as 0.029 oz/ton gold, 5.1 oz/ton silver and 1.16 % copper (Sample 536512) were obtained. Sample locations, assay results and rock descriptions are shown and listed in Figures 5-7, Appendix V. All of the above samples were analyzed by the FA-AA method for gold and 32 elements using the ICP technique. The most encouraging results are listed below:

Sample No.	Rock Type	Location	Assay Results
536508	Silicified Lapilli Tuff	Trail 1+43NE	1440 ppb Au, 43.4 ppm Ag 8310 ppm Cu, over width of 1.0 metre
536509	Andesite	Trail 4+77 NE from L11+00S	835 ppb Au, 26.8 ppm Ag, 5000 ppm Cu from Talus
536510	Andesite	Trail 4+77NE up slope 40 m from L11+00S, 2+00E	80 ppb Au, 5.4 ppm Ag, 864 ppm Cu
536512	Silicified andesite with quartz veinlets	Trail 2+80S/ 1+70E	0.029 oz/ton Au, 5.1 oz/ton Ag, 1.16% Cu over 0.5 metres.
536517	Quartz stockwork	L5+61S/ 1+31E	0.005 oz/ton Au, 4.6 ppm Ag, 159 ppm Cu over width of 1.0 metre.
536518	Silicified	L5+36S / 1+33E	0.006 oz/ton Au, 11.2 ppm Ag, 341 ppm Cu over width of 0.1 metre.

Other significant metal values such as lead, zinc and arsenic was obtained from the following samples:

- The highest lead values were obtained from Sample No. 536508 assaying 234 ppm Pb.
- Sample No. 536506 assayed 2730 ppm zinc.
- Sample No. 536501 assayed 225 ppm arsenic.

3.2 1991 Diamond Drilling Program

A diamond drilling program was undertaken on the Independence property by Gewargis Geological Consulting Inc., between August 7 - 30, 1991. The purpose of the drilling program was to,

- (a) test the economic potential of Veins 1 and 2, along the strike and at depth at the south extension of the Grid line south of hole 90-5.
- (b) evaluate and test the possibility of volcanogenic massive sulphide mineralization in the above locations, and the Adit 5 area.

The drilling contractors were Cancor Drilling Company of Courtenay, B.C., who used a Hydro-Core Diamond Drilling Rig (Plate I). This company drilled through the overburden using BW casing.

Eleven diamond drill holes totalling 1338.5 m (4391.5 ft) were completed on the subject property during the Phase II drill program. These angle holes ranged from 87.96 to 177.39 metres in depth. This drill program followed up encouraging results obtained from the Phase I drill program completed in 1990. Table 2 summarizes the 1991 drill holes and coordinates (Page 17).

The farthest northwest holes 91-1 and 91-2 were drilled approximately 60 metres southeast of hole 90-5 and the most southern holes 91-8 and 91-9 were drilled 200 metres southeast of hole 90-5. All holes 91-1 to 91-11 were drilled from five locations to the east in order to test the main vein structure and other parallel zones to the east along the strike and at depth.

The results of previous surface/underground exploration work and the 1990 Diamond Drill results has outlined and confirmed the presence of silver-gold and copper mineralization within the volcanic rock units along the dykes in the area of the main vein structure. This area was the target of the Phase I, 1990 drilling program in which a total of 746.1 metres (2507 feet) in six holes were drilled to test the main vein structure along the strike and at depth. The most significant results were obtained from hole 90-5 which were drilled at a location west of Adit 1 and intersected two zones of massive sulphide (west of the main vein structure), assaying 0.006 oz/ton gold, 1.61 oz/ton silver and 1.77% copper over 1.4 metres. The highest value within this zone assayed 0.011 oz/ton gold, 4.53 oz/ton silver and 6.04% copper over 0.3 metres. The second vein structure assayed 0.152 oz/ton gold, 2.17 oz/ton silver, 1.02% copper over 1.5 metres. Within this zone the highest values assayed 0.188 oz/ton gold, 2.72 oz/ton silver and 2.54% copper over 1.1 metres.

A total of 346 core samples taken from the eleven drill holes were examined and split on the property. The core from the 1990 and 1991 drilling programs have been stored beside each drill location on the Independence property (Plate II).

The drill core samples were analyzed and assayed by Chemex Labs Ltd., in North Vancouver, B.C. In the laboratory each sample was analyzed for gold, silver, copper, lead and zinc by fire assay and atomic absorption methods. Diamond Drill Logs and Sample Interval Results are under Appendix II and III, and Laboratory Preparation and Analytical Procedures are under Appendix IV, and Chemex Assay Certificates, Appendix VI.

TABLE 2**SUMMARY OF 1991 DIAMOND DRILL HOLE COORDINATES**

DDH No.	Footage (m)	Dip	Az	South	East	Elevation (m)	Core Rec.
91-1	103.20	-50	044	2+40S	0+89E	955	94%
91-2	137.16	-75	044	2+40S	0+89E	955	97%
91-3	98.02	-47	042	2+70S	1+12E	927	94%
91-4	177.39	-65	042	2+70S	1+12E	927	97%
91-5	87.96	-50	035	2+75S	1+43E	910	94%
91-6	105.00	-70	035	2+75S	1+43E	910	95%
91-7	92.50	-80	035	2+75S	1+43E	910	96%
91-8	153.77	-50	036	3+66S	1+28E	892	97%
91-9	105.16	-70	036	3+66S	1+28E	892	97%
91-10	146.61	-55	035	3+35S	1+07E	912	95%
91-11	131.98	-50	050	3+35S	1+07E	912	92%
TOTAL	1338.50						



Plate 1: Hydro-Core Diamond Drilling Rig



Plate 2: Core Storage Area - Independence Property

3.3 Assay Results & Mineralization

Core samples which returned significant gold, silver, copper, lead, zinc values are outlined in Table 3, (Pages 19-20). These anomalous values vary in width interval and range between 0.3 -3.7 metres.

The mineralization type encountered in the 1991 drill core is similar to the mineralization intersected during the 1990 diamond drill program and consisted mainly of the following:

1. Simple Vein Structure with fine, stringer to disseminated pyrite with trace chalcopyrite. The disseminated pyrite occurs as a fracture coating, and stringer or veinlets in most rock types and within quartz veinlets.
2. Complex Vein Structure of up to 60% banded silica quartz vein, and up to 15% Jasperoid vein-veinlets, 40 - 60% fine-disseminated to massive pyrite, trace chalcopyrite, galena, sphalerite, 5% barite and magnetite and pyrrhotite.
3. The mineralization which has the most economical potential occurs within the Main Zone which was intersected in the 1991 Diamond Drill Program, and comprised of disseminated to massive pyrite, pyrrhotite, chalcopyrite-magnetite within the banded quartz-vein-veinlets and occasionally with Jasperoid veinlets structure in dark green andesite and andesite breccia. This mineralization was intersected in several drill holes mainly 91-1 to 91-3 and 91-6 to 91-9.

The results of the Phase II, 1991 drill program range in values from <0.002 to 0.122 oz/ton gold from 0.09 to 4.34 oz/ton silver, copper from <0.01% to 4.66%. Lead from 0.01% to 1.2% and zinc from 0.03% to 8.61%.

The concentration of sulphide mineralization pyrite-chalcopyrite, pyrrhotite varies from one hole to another, whereas the pyrite chalcopyrite occurs together and disseminated to massive pyrrhotite was intersected in holes 91-8 and 91-9. An inverse relationship between magnetite and chalcopyrite-pyrite was commonly observed in the drill core during the 1990 and 1991 drill programs. Also a possible relationship between chalcopyrite and gold mineralization was observed in which an increase in chalcopyrite values were found to be associated with an increase in gold values. At the present time, no petrographic studies have been conducted on the drill core in order to determine the paragenesis and the nature of mineralization. TABLE 3 summarizes the most significant mineralized intersections for gold-silver and copper obtained during the 1991 diamond drill program on the Independence property.

TABLE 3

SUMMARY OF SIGNIFICANT MINERALIZED INTERSECTIONS

DDH No.	From (m)	To (m)	Width (M)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
91-1	29.3	29.9	0.6	<0.002	0.82	0.27	-	-
	43.0	46.7	3.7	0.042	1.398	0.89	-	-
	56.0	56.5	0.5	0.064	0.93	0.98	0.28	1.44
	57.4	59.3	1.9	0.014	0.21	0.23	0.28	0.22
	80.1	80.4	0.3	0.015	0.56	0.34	0.34	8.61
91-2	61.1	62.7	1.6	0.021	1.30	2.40	0.41	1.92
	71.6	72.1	0.5	0.010	0.39	1.30	0.08	0.30
91-3	30.0	30.3	0.3	0.005	1.44	1.12	-	-
	80.1	81.1	1.0	0.012	0.45	0.57	0.01	0.05
	93.2	93.5	0.3	0.081	0.09	0.12	0.01	0.03
	94.7	95.2	0.5	0.053	0.43	0.63	-	-
91-4	34.7	35.0	0.3	0.011	0.25	0.34	-	-
91-6	3.1	3.5	0.4	0.122	4.34	2.35	-	-
	22.4	24.0	1.6	0.014	0.31	-	-	-
	26.4	26.7	0.3	0.049	0.31	0.19	0.02	0.05
91-7	28.2	30.1	1.9	0.033	0.357	0.797	-	-
	42.2	43.0	0.6	0.019	0.24	-	-	-
91-8	53.7	54.6	0.9	0.015	0.10	-	-	-

TABLE 3**SUMMARY OF SIGNIFICANT MINERALIZATION INTERSECTIONS**

DDH No.	From (m)	To (m)	Width (M)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
91-8	59.0	60.5	1.5	0.012	0.10	-	-	-
91-9	27.6	28.6	1.0	0.013	0.29	-	-	-
	56.4	57.2	0.8	0.016	0.23	-	-	-
	57.7	58.0	0.3	0.010	1.06	-	-	-
	58.8	59.7	0.9	0.013	0.16	-	-	-
91-10	17.4	18.0	0.6	0.011	0.28	0.08	-	-

The occurrence and grade of mineralization was established from previous and recent data pertaining to the Independence property whereby the silver values increase to the north of the grid and at higher elevations, with gold-copper values increasing to the south of the grid area (south of Adit 1). Results from the 1991 diamond drill program confirm the presence of gold-copper mineralization (**ore shoot**) within this system in the vicinity of Holes 90-1, 90-2, 90-5, and 91-1, 91-2 and Trench 7. (Figures 14-18)

The calculated \$-equivalent values for gold, silver and copper per ton for the outlined ore shoot (Figure 14), which includes significant mineralized zone intersected by the drill holes during the 1990 and 1991 drill program, using the metal price of gold at \$355.00 per ounce, silver \$3.90 per ounce and copper \$1.00 per lb., ranges between \$37.28 to \$226.16 per ton over a width ranging between 0.3 to 3.7 metres.

3.4 Description of Diamond Drill Holes 91-4 to 91-11 (Figure 8-13)

Diamond drill logs, data and assay results can be found in Tables 2, 3 and Appendix II, III and V. The 1991 diamond drilling program consisted of 1338.5 metres (4391.5 feet) in eleven holes. This program followed up encouraging results obtained from the Phase I program completed in 1990. All holes were drilled to the east at -47° to -80° and to a depth ranging between 87.96 to 177.39 metres.

Due to the rugged terrain and surface projection of the main structure the 1991 diamond drilling program was designed to be more effective in exploring for strike length and the down dip mineralization potential of the main structure. However, in certain areas the selection of a suitable location was hindered due rugged terrain and precarious conditions.

Drill Holes 91 and 91-2 (Figure 9)

Holes 91-1 and 91-2 were drilled approximately 80 metres southeast of 90-5 and approximately 42 metres from the surface projection of the main structure. Both holes 91-1 and 2 intersected the main structure.

The main structure intersected in hole 91-1 returned values of 0.042 oz/ton gold, 1.398 oz/ton silver and 0.89% copper over 3.7 metres (12.1 ft). The mineralization in this section comprises 60% quartz veinlets associated with disseminated pyrite, chalcopyrite, sphalerite and magnetite. Other narrow sections of mineralized-quartz veins were intersected in hole 91-1.

The main structure was also intersected in hole 91-2 from 58.9 to 62.7 metres and comprises quartz-Jasperoid vein-veinlets within the dark green, fine to massive andesite, associated with disseminated to massive chalcopyrite, pyrite and magnetite. A section of massive chalcopyrite from 61.1 to 62.7 metres assayed 0.021 oz/ton gold, 1.30 oz/ton silver, 2.4% copper, 0.41% lead and 1.92% zinc over 1.6 metres (5.2 ft).

Drill Holes 91-3 & 91-4 (Figure 10)

Holes 91-3 and 91-4 were drilled approximately 39 metres southeast of holes 91-1 and 91-2, and 48 metres west of the main structure projection. Hole 91-3 intersected the main structure from 79.0 to 81.1 metres, and contains quartz-Jasperoid vein associated with up to 20% disseminated to massive pyrite-chalcopyrite mineralization, with some sections of malachite staining. A mineralized zone from 80.1 to 81.1 metres assayed 0.012 oz/ton gold, 0.45 oz/ton silver, 0.57% copper, 0.01% lead and 0.05% zinc over 1.0 metres (3.3 ft). Other narrow mineralized sections were intersected in this hole.

Hole 91-4 is the deepest hole and was drilled to a depth of 177.39 metres (582 feet) and failed to intersect the main structure which was intersected in hole 91-3. This hole intersected a small mineralized zone from 154.3 to 155.3 metres which contains 20-30% quartz veinlets within the dark green andesite associated with 5-15% disseminated pyrite mineralization and assayed 0.01 oz/ton gold, 0.060 oz/ton silver and 0.07% copper.

Drill Holes 91-5, 91-6 & 91-7 (Figure 11)

Holes 91-5, 91-6 and 91-7 were drilled from one site located approximately 30 metres southeast of 91-3, 91-4 and 30 metres southwest of Adit 2. These holes were designed to test the main structure below Adit No.2 and were short holes ranging between 87.96 to 105.0 metres in depth.

All the above holes intersected the main structure with mineralization. Holes 91-5 intersected the main structure from 29.5 to 31.1 metres, which contained light grey-green quartz veinlets with oxidized and disseminated pyrite mineralization. This section returned very low values of <0.002 oz/ton gold, 0.02 oz/ton silver and 0.02% copper.

Hole 91-6 intersected several narrow zones including the main structure, and the most significant zone was intersected from 3.1 to 3.5 metres and contains quartz veinlets with stringer to massive pyrite-chalcopyrite. This zone assayed 0.122 oz/ton gold, 4.34 oz/ton silver and 2.35% copper over the width of 0.4 metres (1.3 feet). The main structure was intersected from 22.4 to 26.7 metres and the highest values obtained from a depth of 26.4 to 26.7 metres assaying 0.049 oz/ton gold, 0.31 oz/ton silver and 0.19% copper.

Hole 91-7 intersected the main structure from 28.2 to 30.1 metres and contained quartz-Jasperoid veinlet with up to 20% stringer to disseminated pyrite-chalcopyrite mineralization. This section is highly weathered, oxidized and sheared, and assayed 0.033 oz/ton gold, 0.357 oz/ton silver and 0.797% copper. Other significant mineralized zone intersected in this hole was at a depth of 42.4 to 43.0 metres and contained quartz veinlets with stringer pyrite mineralization and assayed 0.019 oz/ton gold, 0.24 oz/ton silver over 0.6 m (2.0 ft).

Drill Holes 91-8 & 91-9 (Figure 12)

Holes 91-8 and 91-9 were drilled in the most southern location approximately 192 metres southeast of hole 90-5. These holes were drilled to test the southern extension of the main structure along the strike and depths at lower elevations on the property.

Hole 91-8 intersected the main structure at a depth of 50.20 to 61.9 metres and contained quartz vein-veinlets associated with sections of disseminated to massive pyrite-chalcopyrite (5-20%). Pyrrhotite mineralization was encountered for the first time within the dark green andesitic breccia. This hole did not encounter any significant gold, silver or copper mineralization, but the zone was intersected. Assay results from section 50.10 to 61.9 metres ranged between <0.002 to 0.01 oz/ton gold, 0.01 to 0.25 oz/ton silver and 0.01 to 0.15% copper.

Hole 91-9 was drilled from the same location as hole 91-8 to test the main structure intersected in 91-8 at depth. This hole intersected the main structure from 56.4 to 61.40 metres, and consists of quartz vein-veinlets associated with disseminated-massive pyrite chalcopyrite and pyrrhotite mineralization within the dark green andesitic breccia. The main structure as a whole did not return any significant gold-silver copper values. However, the section between 56.4 to 57.2 metres assayed 0.016 oz/ton gold, 0.23 oz/ton silver, 0.10% copper over a width of 0.8 metres (2.6 feet), and from 57.7 to 58.0 metres, of which 70% contained massive pyrite, pyrrhotite and chalcopyrite mineralization, assayed 0.010 oz/ton gold, 1.06 oz/ton silver, 0.82% copper over a width of 0.3 metres (1.0 ft). Other narrow mineralized sections were intersected in this hole.

Drill Holes 91-10 & 91-11 (Figures 11 & 13)

Holes 91-10 and 91-11 were drilled from a location approximately 70 metres west of holes 91-5, 91-6 and 91-7 to the east to test the main structure intersected in these holes at depth. Both holes were drilled at different azimuths at the same location and failed to intersect the main structure.

Hole 91-10 intersected several narrow of quartz vein - veinlets associated with trace pyrite and chalcopyrite mineralization mainly from 17.4 to 18.0 metres, and assayed 0.011 oz/ton gold, 0.28 oz/ton silver and 0.08% copper over a width of 0.6 metres (2.0 ft) and from 19.2 to 19.5 metres assayed 0.006 oz/ton gold, 0.10 oz/ton silver over a width of 0.3 metres (1.0 ft); from 23.9 to 24.4 metres assayed 0.006 oz/ton gold, 0.33 oz/ton silver and 0.18% copper over a width of 0.5 metres (1.6 ft), and from 102.6 to 102.9 metres, assayed 0.004 oz/ton gold, 0.28 oz/ton silver and 0.19% copper over a width of 0.3 metres (1.0 ft).

Hole 91-11 failed to intersect the main mineralized zone.

3.5 Rock Type Lithology (Figures 9-13)

The most common rock types encountered in the drill core were andesite and quartz diorite dyke. The andesite unit has several variations in color and is slightly different in composition and texture, and represents approximately 60% of the total rock type intersected during drilling, and the quartz diorite dyke represents 25%. The average percentages of rock types encountered during the 1991 diamond drilling program is summarized as follows:

<u>Rock Type</u>	<u>Percentage</u>
Quartz vein-veinlets with mineralization	1.0%
Andesite dyke	1.0%
Mineralized zone	2.0%
Porphyritic andesite	2.0%
Diorite dyke	3.0%
Overburden	3.0%
Porphyritic diorite dyke	6.0%
Andesite	17.0%
Quartz diorite dyke	25.0%
Andesitic breccia	40.0%
	<hr/>
TOTAL ROCK TYPES:	100.0%
	<hr/>

Quartz Vein - Veinlets with Mineralization (1.0%)

This rock type and mineralization was intersected in drill holes 91-1, 2, 3, 4 and 91-5 and comprises light grey-green to reddish in color up to 10-20% massive quartz veinlets associated with calcite, occasionally malachite staining; 15-40% stringer to disseminated pyrite, 5-10% chalcopyrite, trace magnetite and sphalerite. Slightly to moderately fractured, oxidized, weathered, and in some sections associated with cavity filling and milky-clay and chloritic alteration.

Andesitic Dyke (1.0%)

This rock type intersected in several holes and comprises fine-medium light grey to light-green groundmass with up to 2% quartz-feldspar phenocryst through the groundmass. Scattered narrow quartz-veinlets, the width of this unit, range from 0.4 to 7.8 metres and is associated with trace fine pyrite mineralization.

Mineralized Zone (2.0%)

The mineralized zone intersected in the 1991 diamond drilling program comprises dark grey to black fine-medium grained andesite with up to 70% quartz vein-veinlets and Jasperoid cross-cutting (stockwork) andesite. The quartz vein-veinlets associated with stringer-disseminated to massive pyrite 5-60%, pyrrhotite 5-50%, chalcopyrite, magnetite, trace sphalerite and galena. In some sections the mineralization comprises quartz-jasperoid vein-veinlets with disseminated to massive sulphide mineralization. The values for such a zone ranged from <0.002 - 0.122 oz/ton gold, 0.09 to 4.34 oz/ton silver, <0.01 to 4.66%, copper, 0.01% to 1.2% lead, and 0.03% to 8.61% zinc.

Porphyritic Andesite (2.0%)

This rock type is medium to coarse grained, dark grey to green in color and represents a transection between the andesite to quartz diorite, and is associated with 5-60% green feldspar phenocryst; and quartz-calcite veinlets up to a few mm wide associated with trace fine to disseminated pyrite mineralization and up to 5% pink orthoclase phenocrysts and epidote alteration associated with this rock type.

Diorite Dyke (3.0%)

Light grey to dark green, medium to coarse grained with up to 50% large dark green phenocrysts and 5-10% mafic phenocryst; occasionally, pink plagioclase phenocryst and sections of light to dark grey fine-grained andesitic dyke intersect this rock type.

Porphyritic Diorite Dyke (6.0%)

Light grey to green with 10 - 70% feldspar-quartz phenocryst up to a few mm in size in medium-coarse groundmass. Sections of light green, fine-grained andesitic dyke and andesitic breccia intersect this unit.

Andesite (17.0%)

Dark green, fine-grained with quartz-calcite veinlets a few mm to 5 cm wide with trace, fine to stringer of pyrite mineralization. Slightly fractured with scattered chlorite and epidote alteration. Occasionally porphyritic and with Jasperoid veinlets, trace pyrite, magnetite, and chalcopyrite; also a section of andesitic breccia intersects this unit.

Quartz Diorite Dyke (25.0%)

The typical quartz diorite dyke is light grey to green in color, fine to medium grained with scattered small to large feldspar phenocrysts (up to 80%), and mafic phenocrysts (up to 5%), and occasionally, pink plagioclase phenocryst. Quartz-calcite veinlets (10%), and up to 1 cm wide with trace pyrite mineralization. Occasionally, a section of light grey-green andesite, dyke and andesitic breccia intersect this unit. Contact angle with andesite or other rock units ranges between 55° to 80°. Slightly fractured with trace pyrite-magnetite mineralization and scattered epidote-chlorite alteration. This rock type represents the second major unit on the property.

Andesitic Breccia (40%)

This is the most common rock type intersected in the 1991 diamond drill program and ranges between 22 to 64% of the total rock units encountered in each drill hole. It is light grey to dark green in color, medium to coarse-grained with 3 - 40% sub-angular andesitic fragments up to 3 cm in size. A section of light green andesite intersects the unit. Scattered feldspar phenocryst (5 - 10%), up to 15% quartz-jasperoid vein-veinlets up to 5 cm wide and stringers of pyrite, pyrrhotite, trace chalcopyrite and occasionally malachite staining. Scattered epidote stringer or alteration and porphyritic intersects this unit.

A section of the mineralized zone intersects this unit and is composed of stringer or quartz-jasperoid vein-veinlets with stringer to massive pyrite-chalcopyrite mineralization.

4.0 CONCLUSIONS

Results of the 1990 and 1991 diamond drilling programs on the Independence property has confirmed the presence of a potential mineralized zone (ore shoot) with economic gold-silver-copper values within the explored portion of the main vein structure. This zone is outlined in longitudinal sections (Figures 14-18) and is located in the area north of Adit 2 and the surface. Important conclusions of the program are summarized below:

- (1) A preliminary attempt was made in 1990 to calculate the geological possible ore reserves (tonnage and grade) for silver in the main vein structure between Trench 7 on the surface and Adit 1 (underground workings) which occur approximately 95 to 99 metres below the surface, and is part of the ore shoot. These geological possible ore reserves were estimated at 196,041 tons grading 7 to 10 ounces per ton silver. Gold and copper values were not included in the reserve figures. No attempt was made to calculate the ore reserves for the ore shoot since the information on gold, silver, and copper mineralization was limited.
- (2) Using drilling data from the 1990 and 1991 drill programs, an attempt was made to calculate the \$-equivalent values of gold, silver, and copper on the outlined ore shoot which includes the significant mineralized intersection. Using the estimated metal prices of gold at \$355.00 per ounce, silver \$3.90 per ounce, and copper \$1.00 per pound, the calculated \$-figures obtained ranged between \$37.28 to \$226.16 per ton over a width ranging between 0.3 to 3.7 metres.
- (3) In addition, diamond drill holes 91-3 to 91-11, which were drilled to the east to test the mineralization in the southern extension of the Grid area, has intersected gold-copper mineralized zones below Adit 2, but failed to return any significant values. The \$-equivalent for the best intersection of the above holes ranged in values between \$0.94 to \$28.32 per ton, over a width ranging between 0.5 to 1.9 metres.
- (4) The favourable drill results of both Phase I and II confirmed and outlined the economic potential of an ore shoot. The Independence property also has an excellent infrastructure i.e., underground workings, close to a seaport and existing power grid, highway, electricity, access to the Premier mill facilities (Westmin), and to the town of Stewart makes the Independence property a viable target for exploration. Further exploration work consisting of detailed drilling, geological and geophysical surveys is recommended to test the potential of the ore shoot and other mineralized areas on the property.

5.0 RECOMMENDATIONS

An exploration program at an estimated cost of \$300,000.00 is recommended for the Independence Property. The Phase III program should consist of two main components,

- (a) detailed drilling in the area of the ore shoot to assist in outlining proven ore reserves.
- (b) prospecting, geological mapping, soil sampling and magnetometer surveys to be conducted south of 1991 diamond drill holes 91-8 and 91-9 in the southern portion of the property and other potential areas in order to determine the economic potential of the mineralization.

In order to adequately define the potential orebodies on the Independence property the Phase III field work should include:

- (1) Detailed ground surveys of all drill hole locations, underground adits and other known mineralized zones to be conducted during this phase. This will assist in future underground development and mine planning.
- 2) Detailed and fill-in diamond drilling at close space intervals (25 metre centre) for total of 1524 metres (5,000 feet) of BQ core size to be carried out in the following areas:
 - (i) Drilling for ore definition to be conducted over the main vein zone between the area north of 1991 diamond drill hole 91-3 and 1990 drill holes 90-1, 90-2.
 - (ii) Exploration drilling in the area north of 1990 diamond drill holes 90-1, 90-2 in order to increase the ore reserves north of the known mineralization.

The proposed 1992 drill holes locations are shown under (Figure 8).

- 3) Detailed prospecting and geological mapping over the area south of the 1991 diamond drill holes 91-8, 91-9 and Adit 5. Soil sampling will also be carried out in this area to obtain a better understanding of the lithology and gold-copper mineralization. A magnetometer survey is to be conducted in the areas mentioned under item (2) above. This survey should be conducted prior to drilling in order to determine the nature of the rock types, contact zones (dyke-volcanics) and possible surface exposure of the mineralized zones.

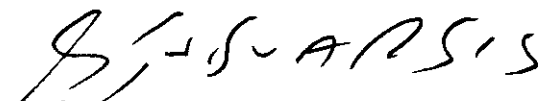
**PHASE III - ESTIMATED BUDGET
INDEPENDENCE PROPERTY, STEWART, B.C.**

6.0 ESTIMATED BUDGET (INCLUDING G.S.T.)

Drilling Contract 1,524 metres (5,000 feet)	\$154,681.34
Drill site preparation	7,500.00
Helicopter support	35,000.00
Assaying: rock and soil samples and drill core	21,667.72
Geological field management, prospecting, geophysical surveys, and diamond drilling supervision.	81,150.94
	<hr/>
	\$300,000.00
	<hr/>

Respectfully submitted by

GEWARGIS GEOLOGICAL CONSULTING INC.


Wilson Gewargis, B.Sc., F.G.A.C., F.Aus.I.M.M.
Consulting Geologist



7.0 REFERENCES

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Wilson A. Gewargis, B.Sc., F.G.A.C., F.Aus.I.M.M., of Richmond, British Columbia, hereby certify as follows::

1. I am a Fellow of the Geological Association of Canada, and a Fellow of the Australian Institute of Mining and Metallurgy.
2. I have two years of post-graduate studies in geology and geophysics at the University of Stuttgart, West Germany (1971-73), and one year of post-graduate studies at the University of Technology, Sydney, Australia (1989-90). I am a graduate of the University of Mosul, Iraq, B.Sc. (1970).
3. I have practised my profession in mining and exploration work for a period of twenty years in Canada, U.S.A., Europe, Middle East, Australia, Fiji, and the Phillipines.
4. I performed and supervised the work described in this report.
5. I have not received, nor do I expect to receive any direct, indirect or contingent interest in the property which is the subject of this report.
6. I do not have, nor do I expect to receive any direct or indirect interest or securities in Armenex Resources Canada Inc.

DATED at Vancouver, Province of British Columbia, this 10th day of December 1991.

GEWARGIS GEOLOGICAL CONSULTING INC.


Wilson A. Gewargis, B.Sc., F.G.A.C., F.Aus.I.M.M.



APPENDIX II
DIAMOND DRILL LOGS

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-1

Page 2 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		From 21.3 - 21.5 m, quartz veinlets with trace pyrite.	536002	27.0	27.5	0.5	<0.002	0.18	<0.01		
		70° T.C.A.	536003	27.5	29.3	1.8	<0.002	0.21	<0.01		
		From 22.46 - 22.66m, quartz veinlets with epidote & chlorite, trace pyrite.									
		At 22.46 m, contact angle 50° T.C.A.									
		From 20.2 - 20.9 m and 21.2 - 22.2 m, broken core.									
		From 27.0 - 27.5 m dark green andesite with quartz-calcite veinlets, trace pyrite.									
29.3	29.9	Quartz veinlets with mineralization: dark green andesite with quartz veinlets up to 10 cm wide and malacite staining on both sides of quartz; broken core with calcite.	536004	29.3	29.9	0.6	<0.002	0.82	0.27		
29.9	30.4	Andesite: dark green, fine-grained slightly porphyritic with 2% epidote alteration.	536005	29.9	30.4	0.5	<0.002	0.21	0.01		
30.4	31.0	Quartz vein with mineralization: quartz vein up to 20 cm wide mainly from 30.9 - 31.1 m, with 15 - 30% disseminated pyrite mineralization and sphalerite.	536006	30.4	31.1	0.7	<0.002	0.30	<0.01		
		At 30.9 m, contact angle 70° T.C.A.									
		At 31.0 m contact angle 70° T.C.A.	536007	31.1	31.7	0.6	<0.002	0.24	<0.01	0.03	0.19
31.0	32.7	Porphyritic Andesite: medium-course grained, dark grey-green with 40% phenocryst feldspar and quartz with stringer of quartz-calcite.	536007	31.1	31.7	0.6	<0.002	0.24	<0.01	0.03	0.19

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-1

Page 3 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
32.7	34.3	Andesite: dark green, fine-grained, massive, slightly fractured at 50° T.C.A., <1% phenocryst dark green.									
		At 339.9 m, small vein (2 cm) wide with disseminated pyrite.									
34.3	35.2	Feldspar porphyritic andesite: dark green, medium-coarse grained, 30% phenocryst feldspar and 10% epidote.									
35.2	39.4	Andesite: dark green, massive with quartz Jasperoid-disseminated pyrite veinlets, mainly from	536008	35.2	36.8	1.6	<0.002	0.05	0.01		
		35.2 - 35.3 m with 20% disseminated pyrite at 60° T.C.A.	536009	36.8	37.6	0.8	<0.002	0.07	<0.01		
		35.3 - 35.9 m, several quartz veinlets with disseminated pyrite, Jasperoid and trace magnetite at 60° - 70° T.C.A.	536010	37.6	37.9	0.3	<0.002	0.07	0.01		
		37.6 - 37.7 m, quartz veinlets with Jasperoid and trace pyrite at 80° T.C.A.	536011	37.9	38.8	0.9	<0.002	0.24	<0.01		
		38.8 - 39.3 m, quartz veinlets with Jasperoid and 5% disseminated pyrite;	536012	38.8	39.4	0.6	<0.002	0.43	<0.01		
		At 39.3 m, quartz veins at 70° T.C.A.									
39.4	39.8	Altered quartz vein: light green-reddish in color with Jasperoid and disseminated pyrite, broken core.	536013	39.4	39.8	0.4	<0.002	0.27	<0.01		
		At 39.8 m, 1 cm of disseminated to massive coarse pyrite at 70° T.C.A.	536014	39.8	40.3	0.5	<0.002	0.15			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-1

Page 5 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		From 50.7 - 51.3 m, fine-grained, grey andesite with									
		foliation at 50.7 m, 70° T.C.A.									
		At 53.2 m, foliation, 90° T.C.A.									
		From 54.5 - 54.9 m, dark green porphyritic andesite.									
56.0	56.5	Quartz vein mineralized zone: light grey quartz vein	536023	56.0	56.5	0.5	0.064	0.93	0.98	0.28	1.44
		with 50% quartz vein-Jasperoid, 10% chalcopyrite and									
		disseminated pyrite, green chlorite.									
		At 56.0 m, 75° T.C.A.									
		At 56.4 m, slightly magnetic, 70° T.C.A.									
56.5	57.4	Andesite: light grey-green, fine-grained slightly	536024	56.5	57.4	0.9	0.020	0.08	0.03		
		fractured.									
57.4	59.3	Andesite: dark grey, massive with scattered	536025	57.4	59.3	1.9	0.014	0.21	0.23	0.28	0.22
		disseminated to massive pyrite, chalcopyrite									
		and disseminated magnetite, 2% quartz veinlets									
		up to 2 mm wide, slightly fractured.									
59.3	60.7	Light green andesite: fine-grained, light green.	536026	59.3	59.9	0.6	<0.002	0.05			
		From 59.9 - 60.7 m, broken core.									
60.7	84.3	Andesite breccia: dark green, medium-coarse grained	536027	77.4	77.7	0.3	0.006	0.08	1.05		
		with feldspar phenocryst up to 30%, scattered	536028	80.1	80.4	0.3	0.015	0.56	0.34	0.16	8.61
		throughout this section.									
		Sections of epidote alteration mainly from:									
		63.0 - 66.0 m, scattered calcite veinlets throughout unit	536029	82.3	83.5	1.2	0.009	0.08	0.02		

DRILL HOLE LOG

LOCATION: Stewart, B.C.
 AZIMUTH: 44°
 DIP: -75°
 LENGTH: 137.16 m (450 ft)
 STARTED: Aug 8, 1991
 COMPLETED: Aug 10, 1991
 PURPOSE:
 CORE RECOVERY: 97%

CORE SIZE: BQ
 CLAIM No.
 SECTION: 2+40S. 0 + 089E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 9/10, 1991
 DRILLING CO. Cancor Drilling Co.
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-2

Page 1 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	3.05	Overburden, casing - no recovery.									
3.05	15.20	Andesite: light grey-green, fine-medium grained, slightly fractured and broken core throughout this section. 1-2% fine calcite veinlets at 45° T.C.A. 5% dark phenocryst. At 15.2 m, contact angle 25° T.C.A.									
15.20	45.70	Quartz diorite dyke: light grey, fine-medium grained 60% feldspar phenocryst. Scattered calcite veinlets throughout this unit. Broken core and gouge mainly at 18.7 - 19.1 m, 21.0 - 24.5 m, 28.0 - 31.7 m and 31.7 - 32.0 m. Possible fault with gouge from 32.1 - 33.4 m. From 41.6 - 45.7 m, scattered 20 - 30% dark green elongated phenocryst with 20% feldspar.	536031	45.1	45.7	0.6	<0.002	0.06			
45.7	46.7	Quartz-Jasperoid vein; dark green andesite with quartz-Jasperoid vein with disseminated pyrite and chalcopyrite, quartz parallel T.C.A.	536032	45.7	46.7	1.0	<0.002	0.09	0.07	0.01	0.02
46.7	52.10	Andesite dark green, fine-grained with scattered 5-10% feldspar phenocryst, mainly from 46.7 - 48.1m 51.5 - 51.8 m. Slightly fractured and broken core from 50.0 - 50.1 m.	536033	46.7	47.2	0.5	<0.002	0.05			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-2

Page 2 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
52.1	54.1	Andesite; dark grey, fine-grained, scattered epidote alteration with narrow calcite veinlet at 75° - 80° TCA.									
54.1	58.86	Quartz diorite dyke: light grey-green, fine-grained, with 40% feldspar phenocryst and 5 - 10% green phenocryst. Scattered epidote alteration from 54.1 - 54.5 m, and 55.1 - 55.2 m. A section of dark grey-green andesite intersects this unit from 56.7 - 57.2 m. At 56.7 m, 50° T.C.A. and at 57.2 m, 85° T.C.A.	536034	58.4	58.9	0.5	<0.002	0.10			
58.86	62.64	Mineralized zone; quartz-Jasperoid vein within dark grey andesite, fine-grained to massive, associated with disseminated to massive chalcopyrite, pyrite, and magnetite. Quartz-Jasperoid veins in some sections mainly from 61.1 - 61.6 m, 62.1 - 62.4 m, stockwork of quartz-calcite veins to veinlets up to 20 cm wide associated with sulphide mineralization. Quartz-calcite veinlets at 45° - 70° T.C.A. At 58.86 m, contact at 85° T.C.A.	536035	58.9	59.7	0.8	<0.002	0.14	0.10	0.03	0.17
			536036	59.7	61.1	1.4	0.005	0.17	0.06	0.10	0.50
			536037	61.1	61.6	0.5	0.054	3.02	4.66	1.20	5.74
			536038	61.6	62.1	0.5	0.004	0.15	0.12	0.05	0.26
			536039	62.1	62.7	0.6	0.007	0.83	2.42	0.05	0.13
			536040	62.7	64.0	1.3	<0.002	0.03	0.07	0.01	0.07
62.64	64.5	Andesite: dark grey, fine-grained to massive with scattered quartz veinlets associated with fine to disseminated pyrite, quartz veinlets up to 2 cm wide at 45° to 75° T.C.A.									
64.5	96.0	Andesite breccia: dark green, medium-coarse grained with small andesitic fragment and at 64.5 m, the	536041	67.2	67.5	0.3	0.006	0.20	0.28	0.02	0.08

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-2

Page 4 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		From 109.6 - 109.9 m, 40% quartz veinlets within									
		light green andesite at 70° T.C.A.									
109.9	113.5	Andesite: dark grey, fine-medium grained with									
		15 - 20% quartz veinlets up to 1 cm wide at 75 - 80°									
		T.C.A.									
113.5	116.1	Andesite: light-dark green, similar to section from									
		96.0 - 109.9 m. Fine-grained with scattered fine									
		epidote veinlets throughout this section.									
116.1	116.7	Andesite: light grey with 15% quartz veinlets similar									
		to section from 109.9 - 113.5 m.									
116.7	124.5	Andesite: light-dark green with fine-grained fractured									
		and broken core mainly from 118.75 - 119.7 m, and									
		from 121.62 - 123.6 m.									
124.5	128.2	Diorite dyke: dark green, medium-coarse grained with									
		30% dark green phenocryst. From 126.8 - 128.2 m									
		increases in pink plagioclase phenocryst up to 0.5 cm									
		in size.									
128.2	132.0	Andesite breccia: dark grey to dark green, massive with	536043	128.2	128.7	0.5	<0.002	<0.01	0.03		
		up to 15% andesitic fragments, up to 2 cm in size, and	536044	128.7	129.2	0.5	<0.002	<0.01			
		sub-angular. Associated with quartz veinlets and	536045	129.2	131.0	1.8	<0.002	0.05			
		disseminated pyrite and trace chalcopyrite mainly from	536046	131.0	132.0	1.0	<0.002	0.01	0.02		

DRILL HOLE LOG

LOCATION: Stewart, B.C.
 AZIMUTH: 042°
 DIP: -47°
 LENGTH: 98.02m (321.6 ft)
 STARTED: Aug 10, 1991
 COMPLETED: Aug 11, 1991
 PURPOSE:
 CORE RECOVERY: 94%

CORE SIZE:
 CLAIM No.
 SECTION: 2+70S, 1+12E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 11/12, 1991
 DRILLING CO. Cancor Drilling Company
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-3

Page 1 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	5.4	Casing, no core recovered.									
5.4	9.94	Andesite: dark green, fine-grained with 5% small feldspar phenocryst scattered throughout this section, broken core and slightly fractured. From 8.6 - 9.5 m, broken core with gouge, possible fault zone at 8.6 m; Fault angle 70° T.C.A.									
9.94	22.90	Quartz diorite dyke: light grey, medium-coarse grained with 15% feldspar phenocryst and 2 - 3% green phenocryst scattered throughout this unit; highly fractured and broken core throughout this section. Section of gouge from 15.6 - 15.7 m, and 18.3 - 18.4 From 10.4 - 10.8 m, dark green andesite with slightly fractured and quartz veinlets parallel T.C.A. At 10.4 m, contact 50° T.C.A. At 10.8 m, 90° T.C.A. From 18.90 - 19.6 m, dark green andesite similar to 10.4 - 10.8 m. At 18.9 m, contact angle 55° T.C.A. At 19.6 m, contact angle 55° T.C.A. At 22.9 m, contact angle 55° T.C.A.									
22.9	31.4	Andesite: light to dark green, fine-medium grained, From 23.7 - 23.9 m, quartz-diorite dyke. At 23.9 m, contact angle 65° T.C.A. From 24.2 - 24.9 m, dark grey andesitic breccia. At 24.9 m, contact angle 70° T.C.A.	536047 536048 536049 536050	25.6 29.5 30.0 30.3	26.3 30.0 30.3 31.4	0.7 0.5 0.3 1.1	<0.002 <0.002 0.005 <0.002	<0.01 <0.01 1.44 0.08	0.02 1.12 0.09		

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-3

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From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
53.4	62.1	Andesite: light grey to green, fine-medium grained	536056	55.0	55.3	0.3	<0.002	<0.01	<0.01		
		section of andesitic breccia intersects this unit from									
		53.8 - 54.0 m at 60° T.C.A., and from 54.3 - 55.5 m.									
		From 55.0 - 55.3 m andesitic breccia with quartz									
		veinlets and trace pyrite mineralization.									
		From 55.4 - 58.4 m, broken core.									
		From 57.4 - 62.1 m, 40% dark green phenocryst and									
		15% epidote alteration scattered throughout this unit.									
62.1	79.0	Andesite breccia: dark green, coarse-grained with	536057	68.5	68.8	0.3	<0.002	<0.01	<0.01		
		scattered 20% andesitic fragments ranging in size from	536058	74.6	75.3	0.7	<0.002	0.07	<0.01		
		a few mm to 2 cm; fragment foliation at 75 - 85° T.C.A									
		From 63.7 - 64.2 m, light green andesite intersected	536059	78.5	79.0	0.5	<0.002	0.02	0.02		
		with andesitic breccia; foliation at 64.1 m, 75° T.C.A.	536060	79.0	79.9	0.9	<0.002	<0.01	0.71	0.02	0.07
		From 63.9 - 64.1 m, broken core. At 63.7 m, contact									
		angle 75° T.C.A., and at 64.1 m 70° T.C.A.									
		From 65.3 - 65.9 m, slightly fractured and associated									
		with narrow quartz calcite veinlets. At 65.3 m, contact									
		angle 70° T.C.A., and at 65.9 m 75° T.C.A.									
		From 75.6 - 76.2 m, light green andesite with broken									
		core;									
		At 75.6 m, contact angle 70° & at 76.2 m, 80° T.C.A.									
		From 68.5 - 68.7 m and 74.6 - 75.3 m, trace									
		disseminated 3 - 5% pyrite with quartz veinlets.									
79.0	81.1	Mineralized zone: quartz-Jasperoid vein with	536060	79.0	79.9	0.9	<0.002	<0.01	0.71	0.02	0.07
		disseminated to massive pyrite, chalcopyrite	536061	79.9	80.1	0.2	<0.002	0.04	0.01		

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-5

Page 2 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		minor fault zone.									
		From 21.6 - 21.8 m, and 26.2 - 29.5 m, minor fault zone. At 26.9 m, gouge at 55° T.C.A.									
		From 21.6 - 21.9 m, andesitic breccia, dark green highly fractured and broken core associated with 5 cm wide quartz vein with disseminated pyrite and chalcopyrite mineralization.									
		From 23.8 - 24.6 m, porphyritic andesite with 10 - 15% white feldspar phenocryst.									
		From 24.6 - 29.5 m, light grey to green andesite with 2 - 3% epidote alteration, fine-grained.	536097	28.8	29.5	0.7	<0.002	<0.01			
29.5	31.1	Quartz vein: light grey to green quartz veinlets, highly fractured broken core, oxidized, disseminated pyrite (possibly the main zone).	536098	29.5	31.1	1.6	<0.002	0.02	0.02		
		From 30.17 - 30.66 m, cave in the hole. Section of highly broken core.									
31.1	61.48	Andesitic breccia: light to dark grey, medium-coarse grained, 10-15% feldspar phenocryst and 5% epidote scattered throughout this unit.									
		From 31.4 - 32.6 m, broken core.									
		From 33.0 - 35.1 m, scattered quartz veinlets with disseminated pyrite and chalcopyrite stringers.	536099	31.1	32.6	1.5	<0.002	0.03			
		At 33.8 m, 10 cm wide quartz veinlets up to a few mm wide, associated with chalcopyrite, malacite staining, trace pyrite. Quartz veinlets at 80° T.C.A.	536100	32.6	33.8	1.2	<0.002	0.03			
			536101	33.8	35.1	1.3	<0.002	0.08	0.06		
			536102	35.1	35.6	0.5	<0.002	0.02	<0.01		

LOCATION: Stewart, B.C.
 AZIMUTH: 035°
 DIP: -70°
 LENGTH: 105.0 m (344.6 ft)
 STARTED: Aug 18, 1991
 COMPLETED: Aug 19, 1991
 PURPOSE:
 CORE RECOVERY: 95%

CORE SIZE:
 CLAIM No.
 SECTION: 2+75S, 1+43E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 18-19, 1991
 DRILLING CO.: Cancor Drilling Company
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-6

Page 1 of 6

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	4.88	Casing, only 2.26 metres of core recovered.									
2.29	3.10	Quartz diorite dyke: light grey, medium-grained, 10 - 15% feldspar phenocryst, slightly fractured, and broken core. At 3.1 m, contact 35° T.C.A.	536111	2.6	3.1	0.5	<0.002	0.11			
3.10	19.8	Andesitic breccia; dark green, medium-coarse grained; scattered andesitic fragments throughout this unit.									
		From 3.1 - 3.7 m, quartz veinlets with stringer to massive chalcopyrite, pyrite at 60° T.C.A.	536112	3.1	3.5	0.4	0.122	4.34	2.35		
		At 4.1 m, 5 cm wide quartz veinlets with massive chalcopyrite. At 6.5 m, 6 cm wide quartz-Jasperoid veinlets with stringer to disseminated pyrite and up to 5% chalcopyrite, at 60° T.C.A.	536113	3.5	4.1	0.6	<0.002	0.04	0.04		
		From 7.5 - 7.7 m, quartz veinlets with trace pyrite, quartz at 60 - 75° T.C.A.	536114	4.1	6.1	2.0	0.003	0.58			
		From 7.9 - 8.8 m, dark green andesitic breccia with trace pyrite mineralization scattered throughout this unit.	536115	6.1	7.8	1.7	<0.002	0.06			
		From 8.8 - 9.6 m, light green andesitic dyke, fine-grained and broken core throughout this unit.	536116	12.3	13.3	1.0	<0.002	<0.01			
		From 9.6 - 11.4 m, dark green, medium-coarse grained andesitic breccia with 5% fragments.	536117	13.3	13.6	0.3	0.022	0.17			
		From 11.4 - 12.4 m, light green, fine-grained andesitic dyke. At 12.4 m, contact 40° T.C.A.	536118	13.6	14.1	0.5	<0.002	0.02			
		From 8.8 - 9.6 m, light green andesitic dyke, fine-grained and broken core throughout this unit.	536119	14.1	14.7	0.5	0.007	0.24	0.16		
		From 9.6 - 11.4 m, dark green, medium-coarse grained andesitic breccia with 5% fragments.	536120	14.7	15.9	1.3	<0.002	0.02	0.01		
		From 11.4 - 12.4 m, light green, fine-grained andesitic dyke. At 12.4 m, contact 40° T.C.A.	536121	15.9	16.6	0.7	<0.002	0.09	0.04		
		From 12.4 - 13.3 m, dark green andesitic breccia with	536122	16.6	18.1	1.5	<0.002	<0.01			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-6

Page 2 of 6

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		5% fragments and scattered quartz pyrite stringer,									
		mainly from 12.8 - 13.0 m at 75° T.C.A.									
		From 13.3 - 13.45 m, quartz-Jasperoid veinlets with									
		20% sulphide (chalcopyrite, pyrite) with epidote									
		alteration along the vein. At 13.3 m, contact angle									
		50° T.C.A.									
		From 14.1 - 14.63 m, quartz veinlets with pyrite									
		trace of chalcopyrite and epidote alteration. At									
		14.3 m, 40% pyrite and quartz veinlets 40° T.C.A.									
		From 14.63 - 15.9 m, fine-grained, light green									
		andesitic dyke. At 14.63 m and 15.9 m, contact									
		angles 40° T.C.A.									
		From 15.9 - 16.6 m, quartz-jasperoid veins with									
		50 - 60% pyrite mineralization, epidote alteration									
		and malachite staining. From 16.1 - 16.3 m, massive									
		pyrite. At 16.1 m, quartz veins 60° T.C.A.									
		At 16.3 m, 70° T.C.A.									
		From 18.6 - 19.8 m, light green andesitic dyke, fine-									
		grained.									
		At 18.6 m, contact angle 40°. At 19.8 m, 50° T.C.A.	536123	19.4	19.8	0.4	0.003	0.72			
19.8	26.7	Quartz veinlets with jasperoid: this section is	536124	19.8	20.4	0.6	<0.002	0.11	0.09		
		associated with chalcopyrite mineralization within	536125	20.4	21.0	0.6	<0.002	0.07	0.01		
		the dark green andesitic breccia.	536126	21.0	21.3	0.3	<0.002	0.31	0.42	0.03	0.38
		From 19.8 - 26.4 m, quartz veinlets with stringer to	536127	21.3	21.8	0.5	<0.002	0.01	0.03		
		disseminated to massive, up to 30% coarse crystal	536128	21.8	22.4	0.6	0.002	0.06	0.56		
		pyrite, malachite staining and quartz veinlets parallel	536129	22.4	24.0	1.6	0.014	0.31			

DRILL HOLE LOG

LOCATION: Stewart, B.C.
 AZIMUTH: 035°
 DIP: -80°
 LENGTH: 92.51 m (303.5 ft)
 STARTED: Aug 19/91
 COMPLETED: Aug 20/91
 PURPOSE:
 CORE RECOVERY: 96%

CORE SIZE:
 CLAIM No.
 SECTION: 2+75S, 1+43E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 21 - 22, 1991
 DRILLING CO. Cancor Drilling Company
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-7

Page 1 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	3.07	Casing, no core recovery.									
3.7	4.20	Quartz diorite dyke: light grey - green, medium-coarse grained, with 5 - 10% feldspar quartz phenocryst scattered throughout this section; slightly fractured broken core mainly at 3.70 - 4.20 m. Contact angle at 25° T.C.A.	536158	3.9	4.2	0.3	<0.002	<0.01			
4.20	28.2	Andesite breccia: dark green, fine-coarse grained, ground massive with scattered 5 - 10% feldspar- quartz phenocryst, narrow quartz-calcite with epidote veinlets with stringer scattered throughout this section. Narrow quartz veinlets at 60 - 70° T.C.A. Quartz veinlets, chalcocopyrite-pyrite mineralization intersected this section, mainly from: 4.20 - 5.60 m, quartz veinlets at 25° T.C.A., up to 3 - 5% pyrite stringer and trace chalcocopyrite. At 8.6 m, 10 cm of quartz veinlets, 0.5 cm wide with trace pyrite.	536159	4.2	5.6	1.4	<0.002	0.17			
			536160	5.6	6.0	0.4	<0.002	0.12			
		From 9.14 - 12.0 m, dark green andesite breccia with stringer quartz veinlets, chalcocopyrite and pyrite, mainly	536161	9.14	9.6	0.46	<0.002	0.03			
		From 9.14 - 91.3 m, quartz veinlets at 25° T.C.A.	536162	9.6	10.4	0.8	<0.002	<0.01			
		At 10.5 m, 0.5 cm, quartz veinlets with pyrite stringer at 50° T.C.A.. At 10.8 m, 1/4 cm quartz veinlets with pyrite stringer at 40° T.C.A.	536163	10.4	10.9	0.5	<0.002	0.13			
		From 11.4 - 12.05 m, scattered quartz veinlets with chalcocopyrite, pyrite, and malachite staining.	536164	10.9	11.4	0.5	<0.002	<0.01			
			536165	11.4	12.0	0.6	<0.002	0.14	0.24		
			536166	12.0	12.7	0.7	<0.002	0.02			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-5

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From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		At 12.70 m, 3 cm wide quartz veinlets with trace	536167	14.5	14.8	0.3	<0.002	0.02	0.01		
		pyrite at 60° T.C.A.	536168	14.8	15.8	1.0	<0.002	<0.01			
		From 15.84 - 16.76 m, quartz veinlets with trace pyrite	536169	15.8	16.8	1.0	<0.014	0.13	0.03		
		From 16.76 - 17.83 m, light green andesite, fine									
		grained.									
		From 16.9 - 17.1 m, light green andesite, fine grained.									
		At 16.9 - 17.1 m, contact angle 60° T.C.A.									
		From 22.70 - 23.10 m, light purple andesite, fine									
		grained, and broken core.									
		From 24.70 - 28.20 m, dark green andesitic breccia									
		with scattered quartz-Jasperoid veinlets associated									
		with pyrite, quartz veinlets parallel T.C.A.									
		Narrow veinlets up to 2 mm in size, 50° T.C.A.									
		At 25.70 m, 3 cm wide quartz-jasperoid veinlets with	536170	24.7	25.7	1.0	<0.002	<0.01			
		stringers of pyrite at 40° T.C.A.,	536171	25.7	26.7	1.0	<0.002	0.02	0.01		
		From 26.1 - 26.7 m, 20% quartz-jasperoid veinlets,	536172	26.7	27.7	1.0	<0.002	0.05	0.06		
		jasperoid veinlets with stringers of pyrite at	536173	27.7	28.2	0.5	0.015	0.13	0.30		
		Low angle T.C.A.									
		At 26.75 m, 1 cm quartz-Jasperoid veinlets with									
		pyrite and chalcopyrite at 30° T.C.A.									
		From 27.4 - 27.7 m, quartz veinlets with trace pyrite									
		From 27.7 - 28.2 m, quartz veinlets with chalcopyrite									
		stringers at 55 - 70° T.C.A.									
28.2	30.1	Mineralized zone: quartz-jasperoid vein with stringer-	536174	28.2	28.5	0.3	0.03	0.42	1.09	0.01	0.05
		disseminated pyrite, chalcopyrite mineralization	536175	28.5	29.0	0.5	0.031	0.38	0.9		
		throughout this section, mainly from 28.2 - 28.5 m -	536176	29.0	30.1	1.1					

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-7

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From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		up to 15% chalcopyrite stringers at low angle									
		T.C.A., and from 29.1 - 30.1 m, up to 20%									
		disseminated pyrite along the quartz-jasperoid vein.									
		Quartz vein at low angle 25° T.C.A.									
		The above section of quartz-jasperoid vein is highly									
		weathered, oxidized and sheared at low angle T.C.A.,									
		and slightly to highly magnetic.									
30.1	36.9	Andesite breccia: dark green, massive, silicified,	536177	30.1	31.0	0.9	<0.002	0.01			
		10 - 20% quartz phenocryst throughout this section.	536178	31.0	31.4	0.4	<0.002	<0.01	0.09		
		From 31.0 - 34.4 m, and 34.6 - 35.1 m, section of	536179	31.4	31.9	0.5	<0.002	(0.01			
		quartz-Jasperoid veinlets with trace pyrite.									
		From 36.2 - 36.9 m, quartz veinlets with pyrite.	536180	34.6	35.1	0.5	<0.002	<0.01			
		At 36.2 m, contact angles at 30° and 36.9 m, 50° TCA.	536181	35.1	36.9	1.8	<0.002	<0.01			
36.9	37.2	Mineralized zone: quartz-Jasperoid vein with stringer	536182	36.9	37.2	0.3	<0.002	0.02	0.11	0.01	0.7
		to disseminated pyrite, chalcopyrite along the vein									
		structure. Dark green andesitic breccia at low angle									
		T.C.A.									
		At 37.2 m, quartz veinlets at 30° T.C.A.									
37.2	56.9	Andesite breccia: dark green with coarse to massive	536183	37.2	38.7	1.5	<0.002	0.03	0.05		
		ground mass; 5 - 10% andesitic fragments up to a few	536184	38.7	40.0	1.3	<0.002	<0.01			
		cm in size and 10 - 15% scattered quartz phenocryst	536185	40.0	40.6	0.6	0.006	0.09	0.07		
		throughout this section.	536186	40.6	41.0	0.4	<0.002	<0.01			
		From 37.8 - 38.7 m, scattered quartz veinlets	536187	41.0	41.4	0.4	<0.002	<0.01			
		associated with stringer to disseminated pyrite	536188	41.4	42.4	1.0	<0.002	<0.01			

DRILL HOLE LOG

LOCATION: Stewart. B.C.
 AZIMUTH: 036°
 DIP: -70°
 LENGTH: 105.16 m (345.0 ft)
 STARTED: Aug 23, 1991
 COMPLETED: Aug 24, 1991
 PURPOSE:
 CORE RECOVERY: 97%

CORE SIZE: BQ
 CLAIM No.
 SECTION: 3+66S 1+28E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 25/26 1991
 DRILLING CO. Cancor Drilling Company
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-9

Page 1 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	2.3	Casing, 0.75m core recovered.									
2.3	4.3	Andesite breccia: dark green andesite with 2% green fragments and 5% feldspar phenocryst, medium-coarse groundmass. From 3.0 - 4.3 m, disseminated pyrite. Broken core throughout this unit. At 4.3 m, contact angle 70° T.C.A.	536259	3.0	4.3	1.3	<0.002	<0.01			
4.3	9.6	Quartz diorite dyke: light grey with up to 80% quartz feldspar phenocryst with 1% dark green phenocryst. At 9.6 m, contact at 50° T.C.A.									
9.6	30.6	Andesite breccia: dark green, medium-coarse grained; 10% andesite fragments; 15% feldspar Section of quartz veinlets with disseminated pyrite throughout section. From 14.1 - 16.1 m, quartz veinlets with chlorite alteration and disseminated pyrite throughout this unit At 15.4 - 15.85 m, quartz with sheared oxidized zone broken core & gouge; possible fault zone parallel TCA. At 15.4 m, contact angle 75° T.C.A.	536260 536261 536262 536263 536264 536265 536266 536267 536268 536269	13.4 14.1 15.4 16.1 17.1 17.6 19.9 20.6 24.4 25.2	14.1 15.4 16.1 17.1 17.6 19.9 20.6 21.6 25.2	0.7 1.3 0.7 1.0 0.5 2.3 0.7 1.0 0.8	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.005 <0.002 <0.002	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.22 <0.01 <0.08			
			536270	25.8	26.6	0.8	<0.005	<0.14	0.19		
		From 17.1 - 17.6 m, quartz veinlets, and vein up to 3 cm wide at 65° T.C.A.	536271 536272	26.6 27.6	27.6 28.6	1.0 1.0	<0.002 <0.013	<0.01 0.29			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-9

Page 2 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		From 19.9 - 20.57 m, quartz veinlets with up to 5% disseminated pyrite with malachite staining and broken core.									
		From 24.4 - 25.2 m, quartz veinlets with disseminated pyrite.									
		From 25.8 - 26.6 m, quartz veinlets up to 3 cm wide with stringer to disseminated pyrite, quartz at 65° TCA.									
		From 27.6 - 28.6 m, quartz veinlets with trace to disseminated pyrite.									
		At 28.6 m, quartz veinlets at 60° T.C.A.									
		At 29.8 m, 2 cm wide quartz veinlets with trace to disseminated pyrite at 90° T.C.A.									
30.6	50.3	Andesitic breccia: dark grey, medium-coarse ground mass, porphyritic, up to 50% feldspar quartz, 5% dark green phenocryst. Andesitic fragments up to 1 cm, 2% quartz veinlets up to 2 cm.									
		At 42.04 m, 3 cm wide quartz veinlets at 85° T.C.A.									
		At 43.5 m, few mm wide quartz veinlets.									
		From 47.8 - 48.2 m, quartz veinlets up to few mm.									
50.3	53.9	Diorite dyke: light grey, medium-coarse grained with 5 - 10% phenocryst.									
		At 50.3 m, contact angle 65° T.C.A.									
53.9	56.4	Andesite breccia: dark green, coarse-grained with 2% phenocryst and 5% andesitic fragments, broken	536273	55.0	56.4	1.4	<0.002	<0.01			

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-9

Page 4 of 5

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
69.9	75.8	Andesite Breccia: dark green, medium-coarse grained with 15 - 20% andesitic fragments. From 69.9 - 70.5 m, 72.4 - 72.9 m, stringer to massive pyrite, chalcopyrite mineralization and epidote alteration. From 75.7 - 75.8 m disseminated pyrite mineralization. At 75.8 m, contact angle at 70° T.C.A.									
75.8	90.4	Quartz diorite dyke: typical dyke section. At 90.4 m, contact angle 60° T.C.A.	536285	75.5	75.8	0.3	<0.002	<0.01			
90.4	98.1	Diorite dyke: similar to section 50.3 - 53.9 m. At 98.1 m, contact angle 65° T.C.A.									
98.1	105.1	Andesite breccia: dark green, medium-coarse grained with 5 - 10% andesitic fragments; section of quartz- disseminated to massive pyrite, chalcopyrite intersects this unit mainly: From 98.7 - 99.0 m, 10 cm massive pyrite, pyrrhotite mineralization at 65° T.C.A. From 100.1 - 100.5 m, massive pyrite, pyrrhotite, stringers up 2 cm wide at 25° T.C.A., associated with trace chalcopyrite, epidote, quartz veinlets. From 101.4 - 102.1 m, massive pyrite, pyrrhotite and up to 25% sulphides with epidote and quartz veinlets. From 103.1 - 103.8 m, stringers to massive pyrite.	536286 536287 536288 536289 536290 536291 536292 536293 536294	98.1 98.7 99.0 100.1 100.5 101.4 102.1 103.1 103.8	98.7 99.0 100.1 100.5 101.4 102.1 103.1 103.8	0.6 0.3 1.1 0.4 0.9 0.7 1.0 0.7 0.6	<0.002 <0.002 <0.002 0.002 <0.002 0.002 0.004 0.005 <0.002	<0.01 0.59 <0.01 0.65 <0.01 0.21 0.19 0.30 0.03	0.40 0.48 0.23		

DRILL HOLE LOG

LOCATION: Stewart, B.C.
 AZIMUTH: 035°
 DIP: -55°
 LENGTH: 146.61 m (481 ft)
 STARTED: Aug 24, 1991
 COMPLETED: Aug 28, 1991
 PURPOSE:
 CORE RECOVERY: 95%

CORE SIZE: BQ
 CLAIM No.
 SECTION: 3+35S 1+07E
 LOGGED BY: W. Gewargis
 DATED LOGGED: Aug 26-27, 1991
 DRILLING CO. Cancor Drilling Company
 ASSAYED BY: Chemex Labs

PROPERTY: INDEPENDENCE

HOLE No. 91-10

Page 1 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
0	4.92	Casing, no core recovered.									
4.92	9.20	Quartz diorite dyke: light grey, medium-coarse grained with 25 - 30% feldspar, quartz phenocryst. From 5.0 - 5.25 m, dark green andesite. From 5.25 - 5.50 m, porphyritic diorite dyke, epidote, broken core. At 9.2 m, contact angle 70° T.C.A.									
9.20	25.6	Andesite breccia: light grey to dark green; medium-coarse grained ground mass associated with section of quartz veinlets and trace to stringer to disseminated pyrite mineralization.	536295	11.0	11.3	0.3	0.002	0.06			
		From 11.0 - 11.1 m, quartz veinlets with epidote and chlorite alteration. At 11.1 m, contact angle 50° T.C.A. From 12.4 - 12.8 m, quartz veinlets a few mm wide with trace pyrite at low angle to core axis.	536296	12.4	12.8	0.4	<0.002	0.04			
		From 14.3 - 16.2 m, disseminated pyrite (up to 3-5%) scattered throughout this unit.	536297	14.3	16.2	1.9	<0.002	0.06			
		From 16.2 - 16.6 m, quartz veinlets with trace pyrite at 90° T.C.A.	536298	16.2	16.6	0.4	<0.002	<0.01			
		From 16.6 - 17.4 m, quartz veinlets with trace pyrite and chalcopyrite. At 18.0 m, 70° T.C.A.	536299	16.6	17.4	0.8	<0.002	<0.01			
		From 17.4 - 18.0 m, quartz veinlets, trace pyrite and chalcopyrite. At 18.0 m, 70° T.C.A.	536300	17.4	18.0	0.6	<0.011	0.28	0.08		
		From 19.2 - 19.4 m, quartz veinlets with trace pyrite	536301	19.2	19.5	0.3					

DRILL HOLE LOG

PROPERTY: INDEPENDENCE

HOLE No. 91-10

Page 5 of 7

From (m)	To (m)	DESCRIPTION	Sample No.	From (m)	To (m)	Len (m)	Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		At 98.9 m, contact angle 70° and 99.0 m, 60° T.C.A.									
		From 100.25 - 100.45 m, light green, fine-grained andesite dyke.	536311	100.2	101.2	1.0	<0.002	<0.01			
			536312	101.2	102.1	0.9	<0.002	<0.01			
		At 100.25 m, contact angle 55° and, at 100.45 m 45° T.C.A.	536313	102.1	102.6	0.5	<0.002	0.09			
			536314	102.6	102.9	0.3	0.004	0.28	0.19		
		From 100.45 - 101.2 m, light grey, medium-coarse grained with 10% feldspar phenocryst.	536315	102.9	105.2	2.3	<0.002	<0.01			
			536316	105.2	106.1	0.9	<0.002	<0.01	0.01		
		At 101.2 m, contact angle 40° T.C.A.	536317	106.1	106.7	0.6	<0.002	0.03			
		At 102.1 m, 10 cm quartz veinlets with 20% pyrite stringer 65° T.C.A.	536318	106.7	107.7	1.0	<0.002	<0.01	0.02		
			536319	107.7	109.4	1.7	<0.002	<0.01			
		From 102.6 - 102.7 m, quartz-jasperoid veinlets with 30 - 40% disseminated at 60° T.C.A.									
		From 105.2 - 106.1 m, stringer of pyrite with quartz veinlets up to 2 cm in size throughout this section.									
		At 106.1 m, contact angle 55° T.C.A									
		From 106.7 - 107.7 m, quartz veinlets with pyrite and trace chalcopyrite, quartz veinlets 35° - 70° TCA									
		At 109.4 m, contact angle 45° T.C.A.									
109.4	133.7	Porphyritic quartz diorite, light grey to green porphyritic coarse-grained with 70% feldspar quartz phenocryst.	536320	138.2	139.6	1.4	<0.002	0.04			
			536321	139.6	139.9	0.3	<0.002	0.03			
			536322	139.9	141.6	1.7	<0.002	0.09			
		From 114.64 - 114.8 m, light green, fine-grained andesitic dyke.	536323	141.6	143.0	1.4	<0.002	<0.01			
			536324	143.0	143.4	0.4	<0.002	<0.01			
		At 114.8 m, contact angle 60° T.C.A.	536325	143.0	144.0	0.6	<0.002	<0.01			
		From 116.6 m - 116.8 m, andesitic dyke at 116.6 m contact angle at 80° T.C.A.	536326	144.0	144.5	0.5					
			536327	144.5	144.8	0.3					

APPENDIX III
DRILL CORE SAMPLE RESULTS

DRILL CORE SAMPLE RESULTS - HOLE 91-1

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536001	22.4	22.7	0.3	<0.002	0.51	<0.01		
536002	27.0	27.5	0.5	<0.002	0.18	<0.01		
536003	27.5	29.3	1.8	<0.002	0.21	<0.01		
536004	29.3	29.9	0.6	<0.002	0.82	0.27		
536005	29.9	30.4	0.5	<0.002	0.21	0.01		
536006	30.4	31.1	0.7	<0.002	0.30	<0.01		
536007	31.1	31.7	0.6	<0.002	0.24	<0.01	0.03	0.19
536008	35.2	36.8	1.6	<0.002	0.05	0.01		
536009	36.8	37.6	0.8	<0.002	0.07	<0.01		
536010	37.6	37.9	0.3	<0.002	0.07	0.01		
536011	37.9	38.8	0.9	<0.002	0.24	<0.01		
536012	38.8	39.4	0.6	<0.002	0.43	<0.01		
536013	39.4	39.8	0.4	<0.002	0.27	<0.01		
536014	39.8	40.3	0.5	<0.002	0.15			
536015	42.5	43.0	0.5	<0.002	0.22			
536016	43.0	43.9	0.9	0.015	1.02	0.30	0.03	0.18
536017	43.9	44.5	0.6	0.039	4.20	3.24	0.12	0.56
536018	44.5	44.9	0.4	<0.002	0.13	0.06	0.01	0.04
536019	44.9	45.7	0.8	0.125	1.17	0.65	0.43	1.73
536020	45.7	46.7	1.0	0.018	0.75	0.55	0.22	0.62
536021	46.7	47.2	0.5	<0.002	0.38			
536022	55.5	56.0	0.5	<0.002	0.13			
536023	56.0	56.5	0.5	0.064	0.93	0.98	0.28	1.44
536024	56.5	57.4	0.9	0.020	0.08	0.03		

DRILL CORE SAMPLE RESULTS - HOLE 91-2

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 1

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536031	45.1	45.7	0.6	<0.002	0.06			
536032	45.7	46.7	1.0	<0.002	0.09	0.07	0.01	0.02
536033	46.7	47.2	0.5	<0.002	0.05			
536034	58.4	58.9	0.5	<0.002	0.10			
536035	58.9	59.7	0.8	<0.002	0.14	0.10	0.03	0.17
536036	59.7	61.1	1.4	0.005	0.17	0.06	0.10	0.50
536037	61.1	61.6	0.5	0.054	3.02	4.66	1.20	5.74
536038	61.6	62.1	0.5	0.004	0.15	0.12	0.05	0.26
536039	62.1	62.7	0.6	0.007	0.83	2.42	0.05	0.13
536040	62.7	64.0	1.3	<0.002	0.03	0.07	0.01	0.07
536041	67.2	67.5	0.3	0.006	0.20	0.28	0.02	0.08
536042	71.6	72.1	0.5	0.010	0.39	1.30	0.08	0.30
536043	128.2	128.7	0.5	<0.002	<0.01	0.03		
536044	128.7	129.2	0.5	<0.002	<0.01			
536045	129.2	131.0	1.8	<0.002	0.05			
536046	131.0	132.0	1.0	<0.002	0.01	0.02		

TOTAL: 16 SAMPLES

DRILL CORE SAMPLE RESULTS - HOLE 91-3

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536047	25.6	26.3	0.7	<0.002	<0.01			
536048	29.5	30.0	0.5	<0.002	<0.01	0.02		
536049	30.0	30.3	0.3	0.005	1.44	1.12		
536050	30.3	31.4	1.1	<0.002	0.08	0.09		
536051	31.4	32.3	0.9	<0.002	0.05	0.07		
536052	32.3	32.7	0.4	0.002	0.14	0.12		
536053	32.7	33.2	0.5	<0.002	<0.01	<0.01		
536054	38.0	38.5	0.5	<0.002	0.08	<0.01		
536055	52.1	52.4	0.3	<0.002	<0.01	<0.01		
536056	55.0	55.3	0.3	<0.002	<0.01	<0.01		
536057	68.5	68.8	0.3	<0.002	<0.01	<0.01		
536058	74.6	75.3	0.7	<0.002	0.07	<0.01		
536059	78.5	79.0	0.5	<0.002	0.02	0.02		
536060	79.0	79.9	0.9	<0.002	<0.01	0.71	0.02	0.07
536061	79.9	80.1	0.2	<0.002	0.04	0.01		
536062	80.1	81.1	1.0	0.012	0.45	0.57	0.01	0.05
536063	81.1	82.7	1.6	0.002	0.07	0.02		
536064	82.7	83.0	0.3	0.011	0.07	0.10		
536065	87.6	88.3	0.7	<0.002	0.04	0.01		
536066	88.3	90.1	0.8	<0.002	0.09	0.01		

DRILL CORE SAMPLE RESULTS - HOLE 91-6

Property: Independence

Location: Stewart, B.C.

sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536111	2.6	3.10	0.5	<0.002	0.11			
536112	3.1	3.5	0.4	0.122	4.34	2.35		
536113	3.5	4.1	0.6	<0.002	0.04	0.04		
536114	4.1	6.1	2.0	0.003	0.58			
536115	6.1	7.8	1.7	<0.002	0.06			
536116	12.3	13.3	1.0	<0.002	<0.01			
536117	13.3	13.6	0.3	0.022	0.17			
536118	13.6	14.1	0.5	<0.002	0.02			
536119	14.1	14.63	0.53	0.007	0.24	0.16		
536120	14.63	15.9	1.27	<0.002	0.02	0.01		
536121	15.9	16.6	0.7	<0.002	0.09	0.04		
536122	16.6	18.1	1.5	<0.002	<0.01			
536123	19.4	19.8	0.4	0.003	0.72			
536124	19.8	20.4	0.6	<0.002	0.11	0.09		
536125	20.4	21.0	0.6	<0.002	0.07	0.01		
536126	21.0	21.3	0.3	<0.002	0.31	0.42	0.03	0.38
536127	21.3	21.8	0.5	<0.002	0.01	0.03		
536128	21.8	22.4	0.6	0.002	0.06	0.56		
536129	22.4	24.0	1.6	0.014	0.31			
536130	24.0	25.7	1.7	<0.002	0.05			
536131	25.7	26.0	0.3	<0.002	0.24	0.21	0.01	0.05
536132	26.0	26.4	0.4	0.002	0.11			
536133	26.4	26.7	0.3	0.049	0.31	0.19	0.02	0.05
536134	26.7	27.9	1.2	<0.002	0.01			
536135	27.9	29.0	1.1	<0.002	<0.01			
536136	29.0	29.3	0.3	<0.002	0.43	0.56		

DRILL CORE SAMPLE RESULTS - HOLE 91-7

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 3

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536158	3.9	4.2	0.3	<0.002	<0.01			
536159	4.2	5.6	1.4	<0.002	0.17			
536160	5.6	6.0	0.4	<0.002	0.12			
536161	9.14	9.60	0.46	<0.002	0.03			
536162	9.6	10.4	0.8	<0.002	<0.01			
536163	10.4	10.9	0.5	<0.002	0.13			
536164	10.9	11.4	0.5	<0.002	<0.01			
536165	11.4	12.0	0.6	<0.002	0.14	0.24		
536166	12.0	12.7	0.7	<0.002	0.02			
536167	14.5	14.8	0.3	<0.002	0.02	0.01		
536168	14.8	15.8	1.0	<0.002	<0.01			
536169	15.8	16.8	1.0	0.014	0.13	0.03		
536170	24.7	25.7	1.0	<0.002	<0.01			
536171	25.7	26.7	1.0	<0.002	0.02	0.01		
536172	26.7	27.7	1.0	<0.002	0.05	0.06		
536173	27.7	28.2	0.5	0.015	0.13	0.30		
536174	28.2	28.5	0.3	0.03	0.42	1.09	0.01	0.05
536175	28.5	29.0	0.5	0.031	0.38	0.90		
536176	29.0	30.1	1.1	0.035	0.33	0.67	0.01	0.05
536177	30.1	31.0	0.9	<0.002	0.01			
536178	31.0	31.4	0.4	<0.002	<0.01	0.09		
536179	31.4	31.9	0.5	<0.002	<0.01			
536180	34.6	35.1	0.5	<0.002	<0.01			
536181	35.1	36.9	1.8	<0.002	<0.01			

DRILL CORE SAMPLE RESULTS - HOLE 91-7

Property: Independence
 Location: Stewart, B.C.

Sheet 2 of 3

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536182	36.9	37.2	0.3	<0.002	0.02	0.11	0.01	0.07
536183	37.2	38.7	1.5	<0.002	0.03	0.05		
536184	38.7	40.0	1.3	<0.002	<0.01			
536185	40.0	40.6	0.6	0.006	0.09	0.07		
536186	40.6	41.0	0.4	<0.002	<0.01			
536187	41.0	41.4	0.4	<0.002	<0.01			
536188	41.4	42.4	1.0	<0.002	<0.01			
536189	42.4	43.0	0.6	0.019	0.24			
536190	43.0	43.6	0.6	<0.002	<0.01			
536191	53.8	54.5	0.7	<0.002	<0.01			
536192	54.5	55.0	0.5	<0.002	<0.01	0.01		
536193	55.0	56.6	1.6	<0.002	<0.01			
536194	56.6	56.9	0.3	<0.002	0.01			
536195	56.6	57.3	0.7					
536196	60.7	62.2	1.5	<0.002	<0.01			
536197	62.2	64.0	1.8	<0.002	<0.01			
536198	69.8	70.10	0.3	<0.002	0.01			
536199	70.10	71.10	1.0	<0.002	<0.01			
536200	71.10	71.8	0.7	<0.002	<0.01			
536201	71.8	72.4	0.6	<0.002	<0.01			
536202	72.4	73.8	1.4	<0.002	<0.01			
536203	73.8	74.2	0.4	<0.002	<0.01			
536204	74.2	74.6	0.4	0.002	0.10	0.07		
536205	74.6	75.5	0.9	<0.002	<0.01			
536206	75.5	75.8	0.3	<0.002	<0.01	0.05		

DRILL CORE SAMPLE RESULTS - HOLE 91-8

Property: Independence
 Location: Stewart, B.C.

Sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536219	10.8	11.1	0.3	<0.002	0.06			
536220	21.4	21.9	0.5	<0.002	<0.01			
536221	21.9	22.5	0.6	<0.002	0.16			
536222	22.5	23.4	0.9	<0.002	<0.01			
536223	49.7	50.2	0.5	<0.002	<0.01			
536224	50.2	51.1	0.9	<0.002	<0.01	0.01		
536225	51.1	51.6	0.5	0.013	0.25	0.15	0.09	0.50
536226	51.6	53.7	2.1	<0.002	0.06	0.07		
536227	53.7	54.6	0.9	0.015	0.10	0.04		
536228	54.6	56.5	1.9	<0.002	0.01	0.01		
536229	56.5	58.2	1.7	0.005	0.06	0.01		
536230	58.2	59.0	0.8	0.006	0.04	0.01	<0.01	0.05
536231	59.0	60.5	1.5	0.012	0.010	<0.01		
536232	60.5	61.1	0.6	<0.002	<0.01	0.01		
536233	61.1	61.9	0.8	<0.002	<0.01			
536234	61.9	62.4	0.5	<0.002	<0.02			
536235	64.8	65.1	0.3	<0.002	<0.01			
536236	75.0	75.8	0.8	<0.002	<0.01			
536237	75.8	77.1	1.3	<0.002	<0.01			
536238	77.1	77.7	0.6	<0.002	<0.01	0.04	<0.01	0.12
536239	77.7	78.1	0.4	<0.002	0.03			
536240	78.1	79.1	1.0	<0.002	0.02			
536241	79.1	79.9	0.8	<0.002	0.02			
536242	79.9	80.4	0.5	<0.002	0.02			

DRILL CORE SAMPLE RESULTS - HOLE 91-8

Property: Independence

Location: Stewart, B.C.

sheet 2 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536243	80.4	81.5	1.1	<0.002	0.01			
536244	89.5	89.8	0.3	<0.002	0.05			
536245	109.0	109.5	0.5	<0.002	0.01			
536246	109.5	110.3	0.8	<0.002	0.14	0.09		
536247	110.3	111.8	0.5	<0.002	0.02			
536248	111.8	112.0	0.2	<0.002	0.11	0.12		
536249	112.0	112.9	0.9	<0.002	0.01			
536250	112.9	113.1	0.2	<0.002	0.07			
536251	113.1	114.5	1.4	<0.002	0.05			
536252	114.5	115.5	1.0	0.003	0.23	0.40	<0.01	0.03
536253	115.5	116.5	1.0	<0.002	<0.01			
536254	123.7	124.7	1.0	<0.002	0.02			
536255	124.7	125.4	0.7	<0.002	0.03			
536256	125.4	126.2	0.8	<0.002	0.22	0.17		
536257	126.2	126.7	0.5	<0.002	0.02			
536258	131.6	132.7	1.1	<0.002	<0.01			

TOTAL: 40 SAMPLES

DRILL CORE SAMPLE RESULTS - HOLE 91-9

Property: Independence
Location: Stewart, B.C.

Sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536259	3.0	4.3	1.3	<0.002	<0.01			
536260	13.4	14.1	0.7	<0.002	<0.01			
536261	14.1	15.4	1.3	<0.002	<0.01			
536262	15.4	16.1	0.7	<0.002	<0.01			
536263	16.1	17.1	1.0	<0.002	<0.01			
536264	17.1	17.6	0.5	<0.002	<0.01			
536265	17.6	19.9	2.3	<0.002	<0.01			
536266	19.9	20.6	0.7	0.005	0.22	0.19		
536267	20.6	21.6	1.0	<0.002	<0.01			
536268	24.4	25.2	0.8	<0.002	0.08			
536269	25.2	25.8	0.6	<0.002	<0.01			
536270	25.8	26.6	0.8	0.005	0.14			
536271	26.6	27.6	1.0	<0.002	0.01			
536272	27.6	28.6	1.0	0.013	0.29			
536273	55.0	56.4	1.4	<0.002	<0.01			
536274	56.4	57.2	0.8	0.016	0.23	0.10		
536275	57.2	57.7	0.5	<0.002	<0.01	0.01		
536276	57.7	58.0	0.3	0.010	1.06	0.82		
536277	58.0	58.8	0.8	<0.002	0.01	0.01		
536278	58.8	59.7	0.9	0.013	0.16	0.15		
536279	59.7	60.5	0.8	<0.002	0.01	0.01		
536280	60.5	61.4	0.9	<0.002	0.01	<0.01		
536281	61.4	61.9	0.5	<0.002	<0.01			
536282	69.4	69.9	0.5	<0.002	<0.01			

DRILL CORE SAMPLE RESULTS - HOLE 91-10

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 2

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536295	11.0	11.3	0.3	0.002	0.06			
536296	12.4	12.8	0.4	<0.002	0.04			
536297	14.3	16.2	1.9	<0.002	0.06			
536298	16.2	16.6	0.4	<0.002	<0.01			
536299	16.6	17.4	0.8	<0.002	<0.01			
536300	17.4	18.0	0.6	.011	0.28	0.08		
536301	19.2	19.5	0.3	.006	0.10			
536302	23.9	24.4	0.5	.006	0.33	0.18		
536303	24.4	25.1	0.7	<0.002	0.05			
536304	25.1	25.6	0.5	<0.002	0.03			
536305	30.2	31.2	1.0	<0.002	0.03			
535306	92.3	92.6	0.3	<0.002	<0.01			
536307	92.6	94.0	1.4	<0.002	<0.01			
536308	94.0	95.6	1.6	<0.002	<0.01	0.01		
536309	95.6	98.0	2.4	<0.002	0.06			
536310	98.0	100.2	2.2	<0.002	0.04			
536311	100.2	101.2	1.0	<0.002	<0.01			
536312	101.2	102.1	0.9	<0.002	<0.01			
536313	102.1	102.6	0.5	<0.002	0.09			
536314	102.6	102.9	0.3	0.004	0.28	0.19		
536315	102.9	105.2	2.3	<0.002	<0.01			
536316	105.2	106.1	0.9	<0.002	<0.01	0.01		

DRILL CORE SAMPLE RESULTS - HOLE 91-11

Property: Independence

Location: Stewart, B.C.

Sheet 1 of 1

Sample No.	From(m)	To (m)	Length (m)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
536328	15.1	16.0	0.9	<0.002	<0.01			
536329	16.0	16.6	0.6	<0.002	0.03			
536330	16.6	18.4	1.8	0.006	0.11			
536331	18.4	19.8	1.4	<0.002	<0.01			
536332	19.8	21.5	1.7	<0.002	<0.01			
536333	21.5	23.6	2.1	<0.002	<0.01			
536334	23.6	25.1	1.5	<0.002	<0.01			
536335	27.8	29.8	2.0	<0.002	<0.01			
536336	29.8	31.0	1.2	<0.002	<0.01			
536337	102.5	104.5	2.0	<0.002	<0.01			
536338	104.5	106.7	2.2	<0.002	<0.01			
536339	112.6	114.0	1.4	<0.002	<0.01			
536340	114.0	114.5	0.5	<0.002	<0.01	0.01		
536341	114.5	115.3	0.8	<0.002	<0.01			
536342	115.3	115.8	0.5	<0.002	<0.01	<0.01		
536343	115.8	116.5	0.7	<0.002	<0.01			
536344	116.5	116.9	0.4	<0.002	<0.01	0.01		
536345	116.9	118.4	1.5	<0.002	<0.01			

TOTAL: 18 SAMPLES

APPENDIX IV

ASSAY REPORT - CHIP SAMPLE DESCRIPTIONS

APPENDIX V

CHEMEX LAB ASSAY RESULTS CERTIFICATES



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number : 1
 Total Pages : 1
 Certificate Date : 22-AUG-91
 Invoice No. : I9119967
 P.O. Number :

Project : INDEPENDENCE
 Comments : ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9119967

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
536001	207 294	< 0.002	0.51	< 0.01	-----	-----					
536002	207 294	< 0.002	0.18	< 0.01	-----	-----					
536003	207 294	< 0.002	0.21	< 0.01	-----	-----					
536004	207 294	< 0.002	0.82	0.27	-----	-----					
536005	207 294	< 0.002	0.21	0.01	-----	-----					
536006	207 294	< 0.002	0.30	< 0.01	-----	-----					
536007	207 294	< 0.002	0.24	< 0.01	0.03	0.19					
536008	207 294	< 0.002	0.05	0.01	-----	-----					
536009	207 294	< 0.002	0.07	< 0.01	-----	-----					
536010	207 294	< 0.002	0.07	0.01	-----	-----					
536011	207 294	< 0.002	0.24	< 0.01	-----	-----					
536012	207 294	< 0.002	0.43	< 0.01	-----	-----					
536013	207 294	< 0.002	0.27	< 0.01	-----	-----					
536014	207 294	< 0.002	0.15	-----	-----	-----					
536015	207 294	< 0.002	0.22	-----	-----	-----					
536016	207 294	0.015	1.02	0.30	0.03	0.18					
536017	207 294	0.039	4.20	3.24	0.12	0.56					
536018	207 294	< 0.002	0.13	0.06	0.01	0.04					
536019	207 294	0.125	1.17	0.65	0.43	1.73					
536020	207 294	0.018	0.75	0.55	0.22	0.62					
536021	207 294	< 0.002	0.38	-----	-----	-----					
536022	207 294	< 0.002	0.13	-----	-----	-----					
536023	207 294	0.064	0.93	0.98	0.28	1.44					
536024	207 294	0.020	0.08	0.03	-----	-----					
536025	207 294	0.014	0.21	0.23	0.28	0.22					
536026	207 294	< 0.002	0.05	-----	-----	-----					
536027	207 294	0.013	0.30	0.06	0.08	1.05					
536028	207 294	0.015	0.56	0.34	0.16	8.61					
536029	207 294	0.009	0.08	0.02	-----	-----					
536030	207 294	< 0.002	0.10	0.05	-----	-----					
536031	207 294	< 0.002	0.06	-----	-----	-----					
536032	207 294	< 0.002	0.09	0.07	0.01	0.02					
536033	207 294	< 0.002	0.05	-----	-----	-----					
536034	207 294	< 0.002	0.10	-----	-----	-----					
536035	207 294	< 0.002	0.14	0.10	0.03	0.17					
536036	207 294	0.005	0.17	0.06	0.10	0.50					
536037	207 294	0.054	3.02	4.66	1.20	5.74					
536038	207 294	0.004	0.15	0.12	0.05	0.26					
536039	207 294	0.007	0.83	2.42	0.05	0.13					

CERTIFICATION: *Theresa Vank*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number : 1
 Total Pages : 1
 Certificate Date : 28-AUG-91
 Invoice No. : I9120216
 P.O. Number :

Project : INDEPENDENCE
 Comments : CC: GEWARGIS GEOLOGICAL CONSULTING INC. ✓

CERTIFICATE OF ANALYSIS A9120216

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
536040	207 294	< 0.002	0.03	0.07	0.01	0.07					
536041	207 294	0.006	0.20	0.28	0.02	0.08					
536042	207 294	0.010	0.39	1.30	0.08	0.30					
536043	207 294	< 0.002	< 0.01	0.03	-----	-----					
536044	207 294	< 0.002	< 0.01	-----	-----	-----					
536045	207 294	< 0.002	< 0.05	-----	-----	-----					
536046	207 294	< 0.002	< 0.01	0.02	-----	-----					
536047	207 294	< 0.002	< 0.01	-----	-----	-----					
536048	207 294	< 0.002	< 0.01	0.02	-----	-----					
536049	207 294	0.005	1.44	1.12	-----	-----					
536050	207 294	< 0.002	0.08	0.09	-----	-----					
536051	207 294	< 0.002	0.05	0.07	-----	-----					
536052	207 294	< 0.002	0.14	0.12	-----	-----					
536053	207 294	< 0.002	< 0.01	< 0.01	-----	-----					
536054	207 294	< 0.002	0.08	< 0.01	-----	-----					
536055	207 294	< 0.002	< 0.01	< 0.01	-----	-----					
536056	207 294	< 0.002	< 0.01	< 0.01	-----	-----					
536057	207 294	< 0.002	< 0.01	< 0.01	-----	-----					
536058	207 294	< 0.002	0.07	< 0.01	-----	-----					
536059	207 294	< 0.002	0.02	0.02	-----	-----					
536060	207 294	< 0.002	< 0.01	0.71	0.02	0.07					
536061	207 294	< 0.002	0.04	0.01	-----	-----					
536062	207 294	0.012	0.45	0.57	0.01	0.05					
536063	207 294	0.002	0.07	0.02	-----	-----					
536064	207 294	0.011	0.07	0.10	-----	-----					
536065	207 294	< 0.002	0.04	0.01	-----	-----					
536066	207 294	< 0.002	< 0.09	0.01	-----	-----					
536067	207 294	< 0.002	< 0.01	0.02	-----	-----					
536068	207 294	0.081	0.09	0.12	0.01	0.03					
536069	207 294	< 0.002	< 0.01	0.03	-----	-----					
536070	207 294	0.053	0.43	0.63	0.01	0.03					
536071	207 294	0.002	0.11	0.02	-----	-----					
536072	207 294	< 0.002	0.09	0.01	-----	-----					
536073	207 294	0.011	0.25	0.34	-----	-----					
536074	207 294	< 0.002	< 0.01	0.01	-----	-----					

CERTIFICATION: *Thuh Vinh*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

Page Number : 1
Total Pages : 1
Certificate Date: 27-AUG-91
Invoice No. : 19120375
P.O. Number :

Project : INDEPENDENCE
Comments : CC:GEWARGIS GEOLOGICAL CONSULTING INC.

CERTIFICATE OF ANALYSIS A9120375

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %								
536075	207 294	< 0.002	0.18	-----								
536076	207 294	< 0.002	0.02	-----								
536077	207 294	< 0.002	0.02	-----								
536078	207 294	< 0.002	< 0.01	< 0.01								
536079	207 294	< 0.002	< 0.01	-----								
536080	207 294	< 0.002	0.03	-----								
536081	207 294	< 0.002	0.11	-----								
536082	207 294	< 0.002	0.24	0.01								
536083	207 294	< 0.002	< 0.01	0.01								
536084	207 294	< 0.002	< 0.01	-----								
536085	207 294	< 0.002	< 0.02	< 0.01								
536086	207 294	< 0.002	< 0.01	-----								
536087	207 294	< 0.002	< 0.01	< 0.01								
536088	207 294	< 0.002	< 0.01	-----								
536089	207 294	< 0.002	0.02	-----								
536090	207 294	< 0.002	< 0.01	-----								
536091	207 294	< 0.002	< 0.01	-----								
536092	207 294	0.010	0.06	0.07								
536093	207 294	< 0.002	0.69	-----								

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

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 VANCOUVER, BC
 V6E 2J3

Page Number : 1
 Total Pages : 2
 Certificate Date: 29-AUG-91
 Invoice No. : 19120449
 P.O. Number :

Project : INDEPENDENCE
 Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9120449

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %						
536094	207 294	< 0.002	0.05	-----	-----	-----						
536095	207 294	< 0.002	0.08	-----	-----	-----						
536096	207 294	< 0.002	0.22	0.11	-----	-----						
536097	207 294	< 0.002	< 0.01	-----	-----	-----						
536098	207 294	< 0.002	0.02	0.02	-----	-----						
536099	207 294	< 0.002	0.03	-----	-----	-----						
536100	207 294	< 0.002	0.03	-----	-----	-----						
536101	207 294	< 0.002	0.08	0.06	-----	-----						
536102	207 294	< 0.002	0.02	< 0.01	-----	-----						
536103	207 294	< 0.002	0.02	-----	-----	-----						
536104	207 294	< 0.002	0.04	-----	-----	-----						
536105	207 294	< 0.002	0.14	-----	-----	-----						
536106	207 294	< 0.002	0.04	0.01	-----	-----						
536107	207 294	< 0.002	0.02	< 0.01	-----	-----						
536108	207 294	< 0.002	0.03	-----	-----	-----						
536109	207 294	< 0.002	0.06	-----	-----	-----						
536110	207 294	< 0.002	0.04	-----	-----	-----						
536111	207 294	< 0.002	0.11	-----	-----	-----						
536112	207 294	0.122	4.34	2.35	-----	-----						
536113	207 294	< 0.002	0.04	0.04	-----	-----						
536114	207 294	< 0.003	0.58	-----	-----	-----						
536115	207 294	< 0.002	0.06	-----	-----	-----						
536116	207 294	< 0.002	< 0.01	-----	-----	-----						
536117	207 294	0.022	0.17	-----	-----	-----						
536118	207 294	< 0.002	0.02	-----	-----	-----						
536119	207 294	< 0.007	0.24	0.16	-----	-----						
536120	207 294	< 0.002	0.02	0.01	-----	-----						
536121	207 294	< 0.002	0.09	0.04	-----	-----						
536122	207 294	< 0.002	< 0.01	-----	-----	-----						
536123	207 294	0.003	0.72	-----	-----	-----						
536124	207 294	< 0.002	0.11	0.09	-----	-----						
536125	207 294	< 0.002	0.07	0.01	-----	-----						
536126	207 294	< 0.002	0.31	0.42	0.03	0.38						
536127	207 294	< 0.002	< 0.01	0.03	-----	-----						
536128	207 294	0.002	0.06	0.56	-----	-----						
536129	207 294	0.014	0.31	-----	-----	-----						
536130	207 294	< 0.002	0.05	-----	-----	-----						
536131	207 294	< 0.002	0.24	0.21	0.01	0.05						
536132	207 294	0.002	0.11	-----	-----	-----						
536133	207 294	0.049	0.31	0.19	0.02	0.05						

CERTIFICATION: *John Vank*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

Page Number :2
Total Pages :2
Certificate Date: 29-AUG-91
Invoice No. :19120449
P.O. Number :

Project : INDEPENDENCE

Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS

A9120449

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
536134	207	294	< 0.002	0.01	-----	-----	-----					
536135	207	294	< 0.002	< 0.01	-----	-----	-----					
536136	207	294	< 0.002	0.43	0.56	-----	-----					

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number : 1
 Total Pages : 3
 Certificate Date: 05-SEP-91
 Invoice No. : I9120590
 P.O. Number :

Project : INDEPENDENCE
 Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS	A9120590
--------------------------------	-----------------

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
536137	207	294	< 0.002	0.02	-----	-----	-----				
536138	207	294	< 0.002	0.02	-----	-----	-----				
536139	207	294	< 0.002	< 0.01	-----	-----	-----				
536140	207	294	< 0.002	< 0.01	0.04	-----	-----				
536141	207	294	0.009	0.12	-----	-----	-----				
536142	207	294	< 0.002	0.04	-----	-----	-----				
536143	207	294	< 0.002	0.02	-----	-----	-----				
536144	207	294	< 0.002	0.02	-----	-----	-----				
536145	207	294	< 0.002	0.04	-----	-----	-----				
536146	207	294	< 0.002	< 0.01	-----	-----	-----				
536147	207	294	< 0.002	< 0.01	-----	-----	-----				
536148	207	294	< 0.002	< 0.01	-----	-----	-----				
536149	207	294	< 0.002	0.02	-----	-----	-----				
536150	207	294	< 0.002	0.02	-----	-----	-----				
536151	207	294	< 0.002	< 0.01	-----	-----	-----				
536152	207	294	< 0.002	< 0.01	-----	-----	-----				
536153	207	294	< 0.002	< 0.01	-----	-----	-----				
536154	207	294	< 0.002	0.04	0.03	-----	-----				
536155	207	294	< 0.002	0.03	-----	-----	-----				
536156	207	294	< 0.002	< 0.01	-----	-----	-----				
536157	207	294	< 0.002	< 0.03	-----	-----	-----				
536158	207	294	< 0.002	< 0.01	-----	-----	-----				
536159	207	294	< 0.002	0.17	-----	-----	-----				
536160	207	294	< 0.002	0.12	-----	-----	-----				
536161	207	294	< 0.002	0.03	-----	-----	-----				
536162	207	294	< 0.002	< 0.01	-----	-----	-----				
536163	207	294	< 0.002	0.13	-----	-----	-----				
536164	207	294	< 0.002	< 0.01	-----	-----	-----				
536165	207	294	< 0.002	0.14	0.24	-----	-----				
536166	207	294	< 0.002	0.02	-----	-----	-----				
536167	207	294	< 0.002	0.02	0.01	-----	-----				
536168	207	294	< 0.002	< 0.01	-----	-----	-----				
536169	207	294	0.014	0.13	0.03	-----	-----				
536170	207	294	< 0.002	< 0.01	-----	-----	-----				
536171	207	294	< 0.002	0.02	0.01	-----	-----				
536172	207	294	< 0.002	0.05	0.06	-----	-----				
536173	207	294	0.015	0.13	0.30	-----	-----				
536174	207	294	0.030	0.42	1.09	0.01	0.05				
536175	207	294	0.031	0.38	0.90	-----	-----				
536176	207	294	0.035	0.33	0.67	0.01	0.05				

CERTIFICATION: *Frank Vork*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number : 2
 Total Pages : 3
 Certificate Date: 05-SEP-91
 Invoice No. : I9120590
 P.O. Number :

Project : INDEPENDENCE
 Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9120590

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %						
536177	207 294	< 0.002	< 0.01	-----	-----	-----						
536178	207 294	< 0.002	< 0.01	0.09	-----	-----						
536179	207 294	< 0.002	< 0.01	-----	-----	-----						
536180	207 294	< 0.002	< 0.01	-----	-----	-----						
536181	207 294	< 0.002	< 0.01	-----	-----	-----						
536182	207 294	< 0.002	0.02	0.11	0.01	0.07						
536183	207 294	< 0.002	0.03	0.05	-----	-----						
536184	207 294	< 0.002	< 0.01	-----	-----	-----						
536185	207 294	0.006	0.09	0.07	-----	-----						
536186	207 294	< 0.002	< 0.01	-----	-----	-----						
536187	207 294	< 0.002	< 0.01	-----	-----	-----						
536188	207 294	< 0.002	< 0.01	-----	-----	-----						
536189	207 294	0.019	0.24	-----	-----	-----						
536190	207 294	< 0.002	< 0.01	-----	-----	-----						
536191	207 294	< 0.002	< 0.01	-----	-----	-----						
536192	207 294	< 0.002	< 0.01	0.01	-----	-----						
536193	207 294	< 0.002	< 0.01	-----	-----	-----						
536194	207 294	< 0.002	< 0.01	-----	-----	-----						
536195	-- --	miss.	miss.	miss.	-----	-----						
536196	207 294	< 0.002	< 0.01	-----	-----	-----						
536197	207 294	< 0.002	< 0.01	-----	-----	-----						
536198	207 294	< 0.002	< 0.01	-----	-----	-----						
536199	207 294	< 0.002	< 0.01	-----	-----	-----						
536200	207 294	< 0.002	< 0.01	-----	-----	-----						
536201	207 294	< 0.002	< 0.01	-----	-----	-----						
536202	207 294	< 0.002	< 0.01	-----	-----	-----						
536203	207 294	< 0.002	< 0.01	-----	-----	-----						
536204	207 294	0.002	0.10	0.07	-----	-----						
536205	207 294	< 0.002	< 0.01	-----	-----	-----						
536206	207 294	< 0.002	< 0.01	0.05	-----	-----						
536207	207 294	< 0.002	< 0.01	0.01	-----	-----						
536208	207 294	< 0.002	< 0.01	-----	-----	-----						
536209	207 294	< 0.002	< 0.01	-----	-----	-----						
536210	207 294	< 0.002	< 0.01	-----	-----	-----						
536211	207 294	< 0.002	< 0.01	0.06	-----	-----						
536212	207 294	< 0.002	< 0.01	-----	-----	-----						
536213	207 294	< 0.002	< 0.01	-----	-----	-----						
536214	207 294	< 0.002	< 0.01	-----	-----	-----						
536215	207 294	< 0.002	< 0.01	-----	-----	-----						
536216	207 294	< 0.002	< 0.01	-----	-----	-----						

CERTIFICATION:

John Vork



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

Page Number :3
Total Pages :3
Certificate Date: 05-SEP-91
Invoice No. : I9120590
P.O. Number :

Project : INDEPENDENCE
Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS

A9120590

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
536217	207	294	< 0.002	< 0.01	-----	-----	-----					
536218	207	294	< 0.002	< 0.01	-----	-----	-----					

CERTIFICATION:



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

Page Number : 1
Total Pages : 2
Certificate Date: 10-SEP-91
Invoice No. : 19120969
P.O. Number :

Project : INDEPENDENCE
Comments: CC: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9120969

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %						
536219	207 294	< 0.002	0.06	-----	-----	-----						
536220	207 294	< 0.002	< 0.01	-----	-----	-----						
536221	207 294	< 0.002	0.16	-----	-----	-----						
536222	207 294	< 0.002	< 0.01	-----	-----	-----						
536223	207 294	< 0.002	< 0.01	-----	-----	-----						
536224	207 294	< 0.002	< 0.01	0.01	-----	-----						
536225	207 294	< 0.013	0.25	0.15	0.09	0.50						
536226	207 294	< 0.002	0.06	0.07	-----	-----						
536227	207 294	0.015	0.10	0.04	-----	-----						
536228	207 294	< 0.002	< 0.01	0.01	-----	-----						
536229	207 294	0.005	0.06	0.01	-----	-----						
536230	207 294	0.006	0.04	0.01	< 0.01	0.05						
536231	207 294	0.012	0.10	< 0.01	-----	-----						
536232	207 294	< 0.002	< 0.01	0.01	-----	-----						
536233	207 294	< 0.002	< 0.01	-----	-----	-----						
536234	207 294	< 0.002	0.02	-----	-----	-----						
536235	207 294	< 0.002	< 0.01	-----	-----	-----						
536236	207 294	< 0.002	< 0.01	-----	-----	-----						
536237	207 294	< 0.002	< 0.01	-----	-----	-----						
536238	207 294	< 0.002	< 0.01	0.04	< 0.01	0.12						
536239	207 294	< 0.002	0.03	-----	-----	-----						
536240	207 294	< 0.002	0.02	-----	-----	-----						
536241	207 294	< 0.002	0.02	-----	-----	-----						
536242	207 294	< 0.002	0.02	-----	-----	-----						
536243	207 294	< 0.002	< 0.01	-----	-----	-----						
536244	207 294	< 0.002	0.05	-----	-----	-----						
536245	207 294	< 0.002	< 0.01	-----	-----	-----						
536246	207 294	< 0.002	0.14	0.09	-----	-----						
536247	207 294	< 0.002	0.02	-----	-----	-----						
536248	207 294	< 0.002	0.11	0.12	-----	-----						
536249	207 294	< 0.002	< 0.01	-----	-----	-----						
536250	207 294	< 0.002	0.07	-----	-----	-----						
536251	207 294	< 0.002	0.05	-----	-----	-----						
536252	207 294	0.003	0.23	0.40	< 0.01	0.03						
536253	207 294	< 0.002	< 0.01	-----	-----	-----						
536254	207 294	< 0.002	0.02	-----	-----	-----						
536255	207 294	< 0.002	0.03	-----	-----	-----						
536256	207 294	< 0.002	0.22	0.17	-----	-----						
536257	207 294	< 0.002	0.02	-----	-----	-----						
536258	207 294	< 0.002	< 0.01	-----	-----	-----						

CERTIFICATION: _____

Wilson Gewargis



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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number :2
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 Comments: CC: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS

A9120969

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %						
536259	207 294	< 0.002	< 0.01	-----	-----	-----						
536260	207 294	< 0.002	< 0.01	-----	-----	-----						
536261	207 294	< 0.002	< 0.01	-----	-----	-----						
536262	207 294	< 0.002	< 0.01	-----	-----	-----						
536263	207 294	< 0.002	< 0.01	-----	-----	-----						
536264	207 294	< 0.002	< 0.01	-----	-----	-----						
536265	207 294	< 0.002	< 0.01	-----	-----	-----						
536266	207 294	0.005	0.22	0.19	-----	-----						
536267	207 294	< 0.002	< 0.01	-----	-----	-----						
536268	207 294	< 0.002	0.08	-----	-----	-----						
536269	207 294	< 0.002	< 0.01	-----	-----	-----						
536270	207 294	0.005	0.14	-----	-----	-----						
536271	207 294	< 0.002	< 0.01	-----	-----	-----						
536272	207 294	0.013	0.29	-----	-----	-----						
536273	207 294	< 0.002	< 0.01	-----	-----	-----						
536274	207 294	0.016	0.23	0.10	0.02	0.08						
536275	207 294	< 0.002	< 0.01	0.01	< 0.01	0.05						
536276	207 294	0.010	1.06	0.82	0.07	0.10						
536277	207 294	< 0.002	< 0.01	0.01	0.01	0.05						
536278	207 294	0.013	0.16	0.15	0.01	0.06						
536279	207 294	< 0.002	< 0.01	0.01	< 0.01	0.09						
536280	207 294	< 0.002	< 0.01	< 0.01	< 0.01	0.07						
536281	207 294	< 0.002	< 0.01	-----	-----	-----						
536282	207 294	< 0.002	< 0.01	-----	-----	-----						
536283	207 294	0.003	0.03	0.03	-----	-----						
536284	207 294	< 0.002	< 0.01	-----	-----	-----						
536285	207 294	< 0.002	< 0.01	-----	-----	-----						
536286	207 294	< 0.002	< 0.01	-----	-----	-----						
536287	207 294	< 0.002	0.59	0.40	0.01	0.39						
536288	207 294	< 0.002	< 0.01	-----	-----	-----						
536289	207 294	0.002	0.65	0.48	< 0.01	0.06						
536290	207 294	< 0.002	< 0.01	-----	-----	-----						
536291	207 294	0.002	0.21	0.23	< 0.01	0.03						
536292	207 294	0.004	0.19	-----	-----	-----						
536293	207 294	0.005	0.30	-----	-----	-----						
536294	207 294	< 0.002	0.03	-----	-----	-----						
536511	207 294	0.002	0.15	0.13	-----	-----						
536512	207 294	0.029	5.10	1.16	-----	-----						
536513	207 294	0.003	0.15	0.12	-----	-----						
536514	207 294	< 0.002	< 0.01	0.01	-----	-----						

CERTIFICATION: *Mark Vman*



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

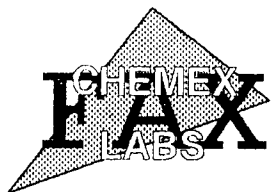
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 Invoice No. I-9121091
 P.O. Number :

Project : INDEPENDENCE
 Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9121091

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %						
536295	207 294	0.002	0.06	-----						
536296	207 294	< 0.002	0.04	-----						
536297	207 294	< 0.002	0.06	-----						
536298	207 294	< 0.002	< 0.01	-----						
536299	207 294	< 0.002	< 0.01	-----						
536300	207 294	0.011	0.28	0.08						
536301	207 294	0.006	0.10	-----						
536302	207 294	0.006	0.33	0.18						
536303	207 294	< 0.002	0.05	-----						
536304	207 294	< 0.002	0.03	-----						
536305	207 294	< 0.002	0.03	-----						
536306	207 294	< 0.002	< 0.01	-----						
536307	207 294	< 0.002	< 0.01	-----						
536308	207 294	< 0.002	< 0.01	0.01						
536309	207 294	< 0.002	0.06	-----						
536310	207 294	< 0.002	0.04	-----						
536311	207 294	< 0.002	< 0.01	-----						
536312	207 294	< 0.002	< 0.01	-----						
536313	207 294	< 0.002	0.09	-----						
536314	207 294	0.004	0.28	0.19						
536315	207 294	< 0.002	< 0.01	-----						
536316	207 294	< 0.002	< 0.01	0.01						
536317	207 294	< 0.002	0.03	-----						
536318	207 294	< 0.002	< 0.01	0.02						
536319	207 294	< 0.002	< 0.01	-----						
536320	207 294	< 0.002	0.04	-----						
536321	207 294	< 0.002	0.03	-----						
536322	207 294	< 0.002	0.09	-----						
536323	207 294	< 0.002	< 0.01	-----						
536324	207 294	< 0.002	< 0.01	-----						
536325	207 294	< 0.002	< 0.01	-----						
536326	207 294	< 0.002	< 0.01	-----						
536327	207 294	< 0.002	< 0.01	-----						
536328	207 294	< 0.002	< 0.01	-----						
536329	207 294	< 0.002	0.03	-----						
536330	207 294	0.006	0.11	-----						
536331	207 294	< 0.002	< 0.01	-----						
536332	207 294	< 0.002	< 0.01	-----						
536333	207 294	< 0.002	< 0.01	-----						
536334	207 294	< 0.002	< 0.01	-----						

CERTIFICATION: _____



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 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
 VANCOUVER, BC
 V6E 2J3

Page Number 2
 Total Pages 2
 Certificate Date: 17-SEP-91
 Invoice No. I-0121091
 P.O. Number :

Project : INDEPENDENCE
 Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS	A9121091
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SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %						
536335	207 294	< 0.002	< 0.01	-----						
536336	207 294	< 0.002	< 0.01	-----						
536337	207 294	< 0.002	< 0.01	-----						
536338	207 294	< 0.002	< 0.01	-----						
536339	207 294	< 0.002	< 0.01	-----						
536340	207 294	< 0.002	< 0.01	0.01						
536341	207 294	< 0.002	< 0.01	-----						
536342	207 294	< 0.002	< 0.01	< 0.01						
536343	207 294	< 0.002	< 0.01	-----						
536344	207 294	< 0.002	< 0.01	0.01						
536345	207 294	< 0.002	< 0.01	-----						

CERTIFICATION:



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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

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Total Pages : 1
Certificate Date: 10-SEP-91
Invoice No. : I9121092
P.O. Number :

Project : INDEPENDENCE
Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS A9121092

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
536515	207 294	0.002	3.0	1.38	40	130	< 0.5	< 2	0.04	< 0.5	3	23	162	4.19	< 10	< 1	0.09	10	0.67	1300
536516	207 294	0.002	1.0	1.99	20	310	< 0.5	< 2	0.06	< 0.5	3	9	93	4.92	< 10	< 1	0.29	10	0.91	1810
536517	207 294	0.005	4.6	3.06	30	80	< 0.5	< 2	0.06	< 0.5	6	14	159	7.62	10	< 1	0.07	< 10	1.41	3800
536518	207 294	0.006	11.2	1.83	20	120	< 0.5	< 2	0.15	< 0.5	7	13	341	5.28	< 10	< 1	0.36	< 10	1.02	1890
536519	207 294	< 0.002	< 0.2	1.29	5	120	< 0.5	< 2	0.28	< 0.5	4	14	13	2.55	< 10	< 1	0.41	10	0.68	1590
536520	207 294	< 0.002	< 0.2	2.50	20	350	< 0.5	< 2	0.21	< 0.5	6	12	48	6.30	< 10	< 1	0.31	< 10	1.09	2610
536521	207 294	0.002	0.8	1.57	20	120	< 0.5	< 2	0.81	< 0.5	12	32	368	5.75	10	< 1	0.36	< 10	0.32	855

CERTIFICATION:

B. Coughlin



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

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Total Pages :1
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Invoice No. :I9121092
P.O. Number :

Project : INDEPENDENCE

Comments: ATTN: BEDO KALPAKIAN CC: WILSON GEWARGIS

CERTIFICATE OF ANALYSIS

A9121092

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
536515	207	294	< 1	< 0.01	11	240	38	< 5	2	2	0.02	< 10	< 10	37	10	116
536516	207	294	< 1	< 0.01	2	520	42	< 5	2	4	0.07	< 10	< 10	44	10	182
536517	207	294	< 1	< 0.01	5	300	64	< 5	3	1	0.08	< 10	< 10	60	10	296
536518	207	294	< 1	< 0.01	4	210	24	< 5	1	4	0.04	< 10	< 10	32	10	180
536519	207	294	< 1	< 0.01	6	390	6	< 5	1	6	0.04	< 10	< 10	21	< 10	176
536520	207	294	< 1	< 0.01	5	450	30	< 5	3	8	0.10	< 10	< 10	68	30	254
536521	207	294	< 1	0.06	13	330	16	< 5	2	25	0.06	< 10	< 10	47	110	60

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

500 - 1111 W. HASTINGS ST.
VANCOUVER, BC
V6E 2J3

Page Number : 1-B
Total Pages : 1
Certificate Date: 29-AUG-91
Invoice No. : I9120217
P.O. Number :

Project : INDEPENDENCE
Comments : CC: GEWARGIS GEOLOGICAL CONSULTING INC.

CERTIFICATE OF ANALYSIS A9120217

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
536501	205	294	< 1	< 0.01	1	420	60	< 5	2	4	0.06	< 10	< 10	36	< 10	104
536502	205	294	30	0.01	3	330	58	< 5	1	9	0.04	< 10	< 10	13	< 10	52
536503	205	294	< 1	< 0.01	< 1	470	34	< 5	1	4	0.05	< 10	< 10	33	< 10	126
536504	205	294	< 1	< 0.01	1	340	108	< 5	6	7	0.05	< 10	< 10	128	< 10	1520
536505	205	294	< 1	< 0.01	1	520	38	< 5	4	6	0.07	< 10	< 10	62	< 10	540
536506	205	294	3	< 0.01	1	270	108	< 5	4	8	0.05	< 10	< 10	88	< 10	2730
536507	205	294	< 1	< 0.01	< 1	530	44	< 5	4	7	0.06	< 10	< 10	67	< 10	380
536508	205	294	73	< 0.01	1	210	234	< 5	2	4	0.03	< 10	< 10	40	< 10	498
536509	205	294	39	< 0.01	1	270	172	< 5	1	4	0.04	< 10	< 10	21	< 10	224
536510	205	294	51	0.01	3	390	54	< 5	2	12	0.07	< 10	< 10	31	< 10	230

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: ARMENEX RESOURCES CANADA INC.

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 VANCOUVER, BC
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Page Number :1-A
 Total Pages :1
 Certificate Date: 29-AUG-91
 Invoice No. : I9120217
 P.O. Number :

Project : INDEPENDENCE
 Comments: CC: GEWARGIS GEOLOGICAL CONSULTING INC.

CERTIFICATE OF ANALYSIS A9120217

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
S36501	205	294	< 5	0.4	0.98	< 5	120	< 0.5	< 2	0.10	< 0.5	4	75	8	2.99	< 10	< 1	0.16	< 10	0.48	1310
S36502	205	294	10	1.8	0.53	225	700	< 0.5	< 2	0.02	< 0.5	3	225	17	2.63	< 10	< 1	0.37	10	0.11	370
S36503	205	294	< 5	0.6	1.94	10	650	< 0.5	< 2	0.07	< 0.5	3	32	30	3.62	< 10	< 1	0.90	< 10	0.70	1290
S36504	205	294	40	5.0	3.49	25	50	< 0.5	< 2	0.15	8.5	12	63	851	8.92	20	< 1	0.17	10	1.83	3760
S36505	205	294	< 5	< 0.2	2.26	5	110	< 0.5	< 2	0.15	< 0.5	6	47	50	4.93	< 10	< 1	0.19	10	1.12	2670
S36506	205	294	135	3.8	2.37	40	180	< 0.5	< 2	0.12	18.0	8	75	519	6.19	10	< 1	0.14	10	1.21	2530
S36507	205	294	5	< 0.2	1.81	15	110	< 0.5	< 2	0.15	1.0	6	52	21	4.24	< 10	< 1	0.18	10	0.93	2120
S36508	205	294	1440	43.4	2.33	15	80	< 0.5	30	0.06	< 0.5	8	90	8310	7.63	< 10	< 1	0.23	< 10	0.79	1540
S36509	205	294	835	26.8	1.32	35	110	< 0.5	12	0.06	< 0.5	9	79	5000	5.40	< 10	< 1	0.31	< 10	0.46	895
S36510	205	294	80	5.4	1.85	25	200	< 0.5	4	0.23	< 0.5	9	129	864	4.36	< 10	< 1	0.61	< 10	0.60	930

CERTIFICATION:

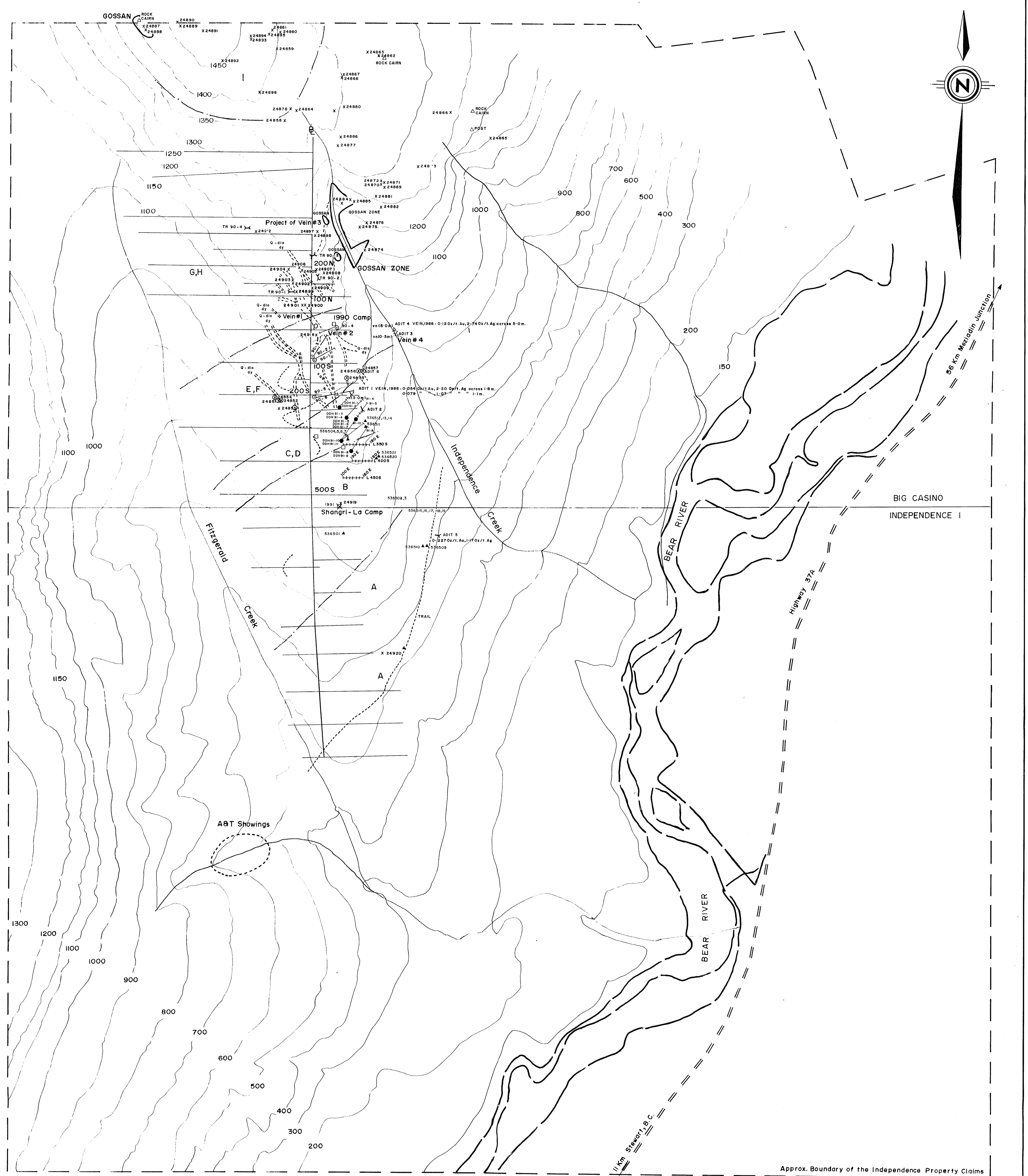
B. Coughlin

APPENDIX VI
STATEMENT OF COSTS

ARMENEX RESOURCES CANADA INC.
INDEPENDENCE PROPERTY, STEWART, B.C.
PHASE II - DIAMOND DRILL PROGRAM

STATEMENT OF COSTS

DIAMOND DRILLING -1,338.5 m (4,391.5 ft)	\$75,087.00
Cancor Drilling Co., Courtenay, B.C.	
HELICOPTER SUPPORT:	20,306.72
Vancouver Island Helicopter Co.	
ANALYSIS:	8,929.20
Chemex Labs, North Vancouver, B.C.	
GEOLOGICAL SERVICES:	
Mobilization and demobilization of field crew	\$ 2,000.00
<u>Personnel:</u>	
1 Senior Geologist 33 days at \$350/day	11,550.00
1 Geologist 33 days at \$225.00/day	7,425.00
1 Assistant 27 days at \$150.00/day	4,050.00
Truck Rental (incl.fuel,insurance,mileage)	2,800.00
Meals (crew of 3)	4,500.00
Camp facilities	2,500.00
Field supplies	2,500.00
Shipment of samples	700.00
Communications (radio, long-distance charges)	1,000.00
Data Compilation & Report Writing, drafting, and word processing	6,500.00
Project Management	4,000.00
TOTAL PHASE II	\$153,847.92



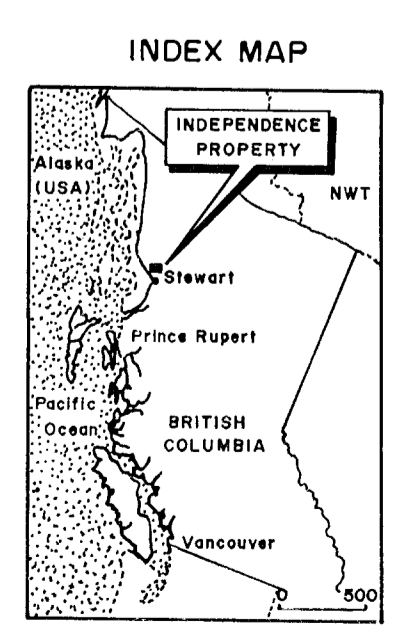
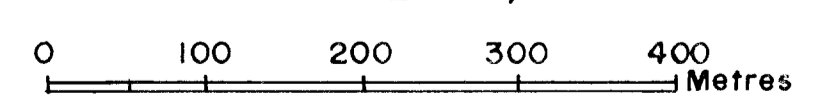
LEGEND

- GEOLOGICAL UNITS**
- A LIGHT TO DARK GREEN ANDESITE
 - B FINE GRAINED, REDDISH TO DARK MASSIVE TUFF (GRID AREA)
 - C DARK GREEN MASSIVE TO ANDESITE
 - D WHITE WEATHERING FELSIC FLOWS LOCALLY CONTAINING VOLCANIC BRECCIAS
 - E PORPHYRITIC ANDESITE
 - F MAROON AND DARK GREEN ANDESITE
 - G MAROON AND DARK ANDESITE
 - H PORPHYRITIC ANDESITE & LITHIC TUFFS
 - I CRYSTAL TUFFS, QUARTZITES, CHERTS, MAROON VOLCANICS ANDESITES & MINOR CONGLOMERATES
- SYMBOLS**
- DYKE
 - GOSSAN
 - GEOLOGICAL CONTACT
 - TR 90-4 TRENCH LOCATIONS
 - 90-4, 1990 DRILL HOLE LOCATIONS, 91-1, 1991 DRILL HOLE LOCATIONS
 - ADIT, TUNNEL
 - CAMP LOCATIONS 1990 & 1991
 - 21920-1990 SAMPLE LOCATIONS
 - 536510-1991 SAMPLE LOCATIONS
 - TRAIL

Approx. Boundary of the Independence Property Claims
 Contours for this Map are taken from a Map compiled from aerial Photography (1977) at an approximate Scale 1:20,000, for Tournigan Mining

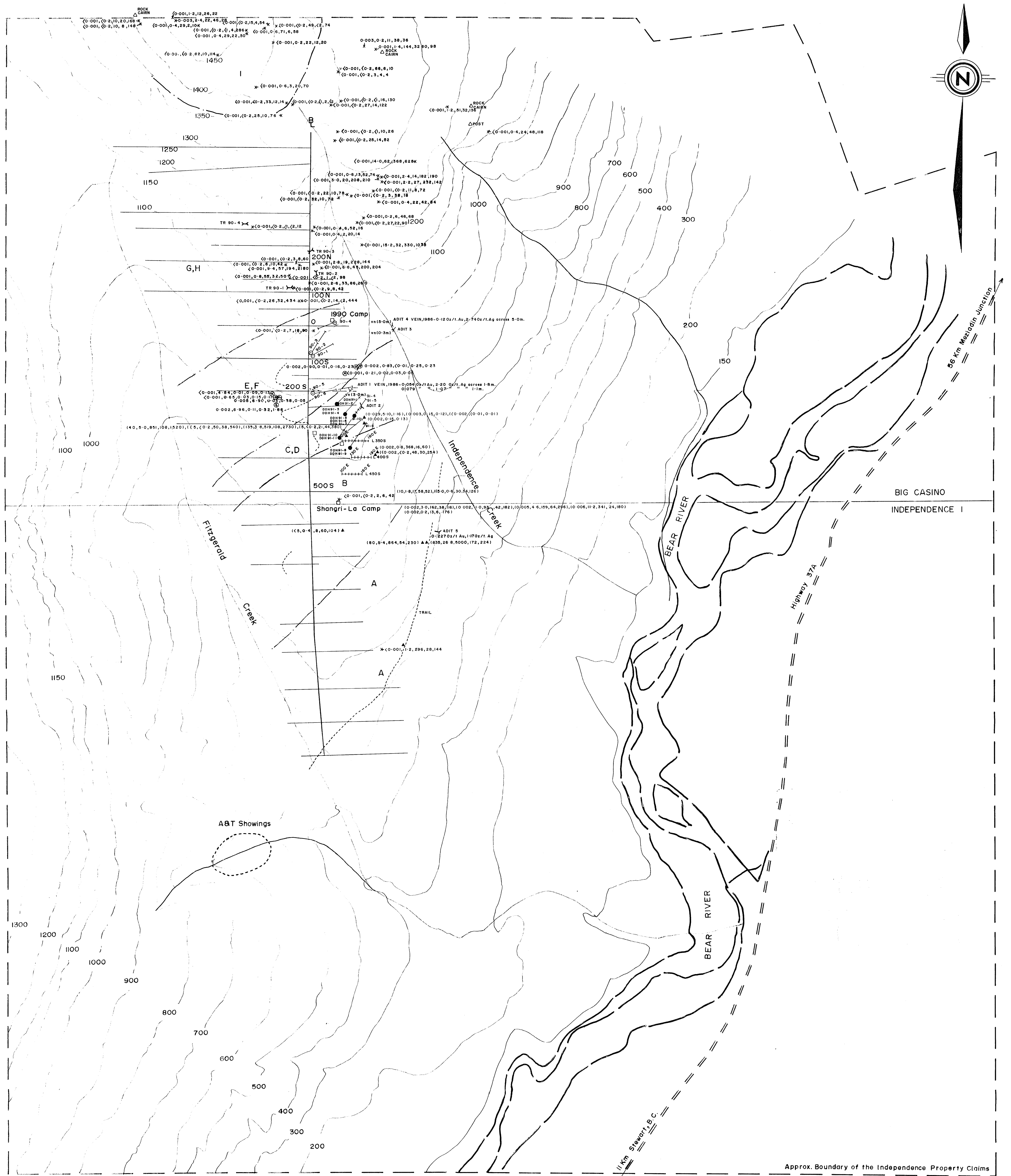
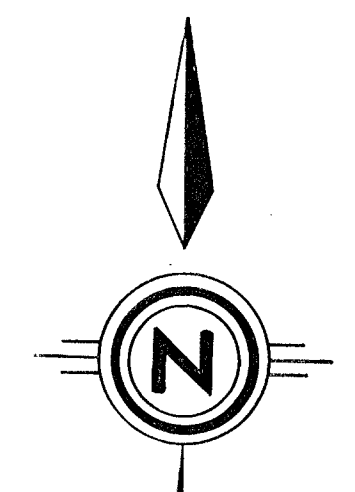
Exploration Ltd.
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

21,950
 SCALE: 1:5,000



TO ACCOMPANY A REPORT BY:
 WILSON A. GEWARGIS, B.Sc., F.G.A.C., F.A.S., I.M.M.

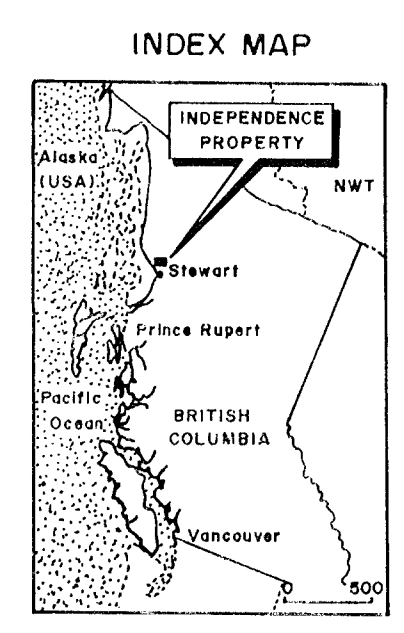
ARMENEX RESOURCES CANADA INC.	
INDEPENDENCE PROPERTY STEWART, B.C.	
SKEENA MINING DIVISION, NTS. 104A-4W PROPERTY GEOLOGY & SAMPLE LOCATIONS MAP	
SCALE: 1:5,000	FIGURE: 5
DRAWN BY: D.G.	DATE: NOVEMBER, 1991



LEGEND

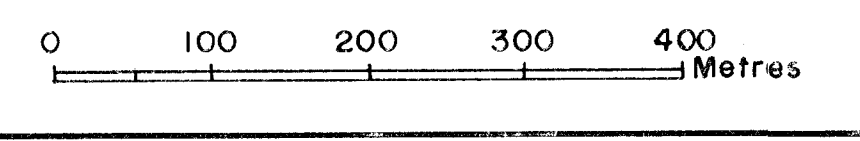
- GEOLOGICAL UNITS**
- A LIGHT TO DARK GREEN ANDESITE
 - B FINE GRAINED, REDDISH TO DARK MASSIVE TUFF (GRID AREA)
 - C DARK GREEN MASSIVE TO ANDESITE
 - D WHITE WEATHERING FELSIC FLOWS LOCALLY CONTAINING VOLCANIC BRECCIAS
 - E PORPHYRYTIC ANDESITE
 - F MAROON AND DARK GREEN ANDESITE
 - G MAROON AND DARK ANDESITE
 - H PORPHYRYTIC ANDESITE & LITHIC TUFFS
 - I CRYSTAL TUFFS, QUARTZITES, CHERTS, MAROON VOLCANICS ANDESITES & MINOR CONGLOMERATES
- SYMBOLS**
- DYKE
 - GOSSAN
 - GEOLOGICAL CONTACT
 - TR 90-4 TRENCH LOCATION
 - 90-4 DRILL HOLE LOCATION
 - ADIT, TUNNEL
 - CAMP LOCATION
- ROCK SAMPLE LOCATIONS:**
- ▲ 1990 ROCK SAMPLE LOCATIONS:
CO-001, 2, 296, 28, 144
Au, Ag, Cu, Pb, Zn
Gz/1, ppm, ppm, ppm, ppm
 - OR
 - 80, 5, 4, 864, 54, 230
Au, Ag, Cu, Pb, Zn
ppb, ppm, ppm, ppm, ppm
- TRAIL

Approx. Boundary of the Independence Property Claims
Contours for this Map are taken from a Map compiled from aerial Photography (1977) at an approximate Scale 1:20,000, for Tournigan Mining Exploration Ltd.



GEOLOGICAL BRANCH ASSESSMENT REPORT

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SCALE: 1:5,000



ARMENEX RESOURCES CANADA INC.	
INDEPENDENCE PROPERTY STEWART, B.C.	
SKEENA MINING DIVISION, NTS. 104A-4W ROCK-SAMPLE LOCATIONS & ASSAY RESULTS MAP	
SCALE: 1:5,000	FIGURE: 6
DRAWN BY: D. G.	DATE: NOVEMBER, 1991

TO ACCOMPANY A REPORT BY:
WILSON A. GEWARGIS, B.Sc., F.G.A.C., F.A.S.J.I.M.N.

0+50E

0+75E

1+00E

1+25E

1+50E

5+50 S

5+50 S

5+75 S

5+75 S

6+00 S

6+00 S

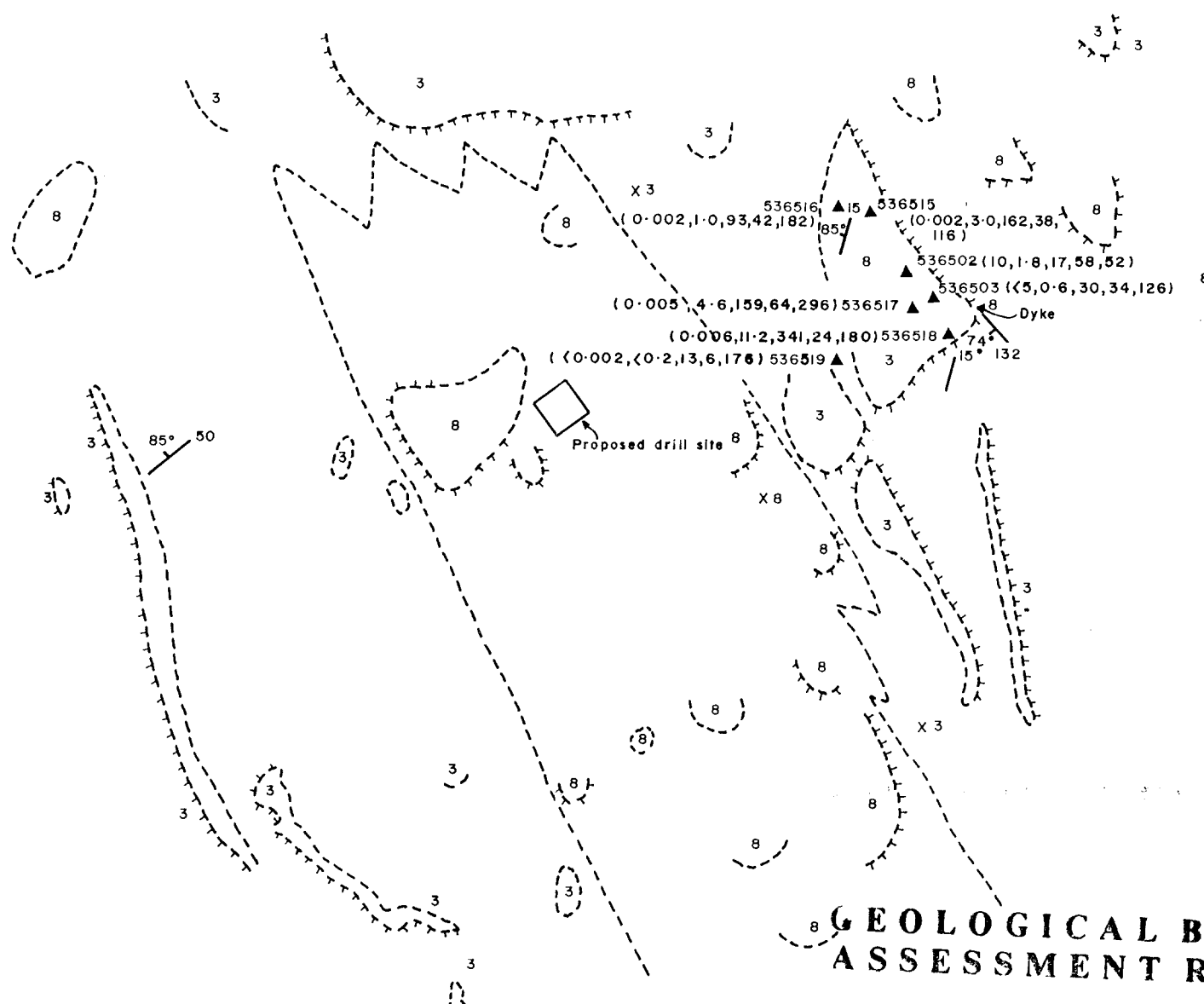
0+50E

0+75E

1+00E

1+25E

1+50E



GEOLOGICAL BRANCH ASSESSMENT REPORT

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ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
STEWART, B.C.

SKEENA MINING DIVISION, NTS. 104A-4W

CAMP AREA GEOLOGY MAP

LEGEND

- 3 ANDESITE LAPILLI TUFF
- 8 QUARTZ DIORITE
- ▲ Au, Ag, Cu, Pb, Zn
536501 ppb, ppm, ppm, ppm, ppm &
536519 Oz/t, ppm, ppm, ppm, ppm

SCALE: 1:500



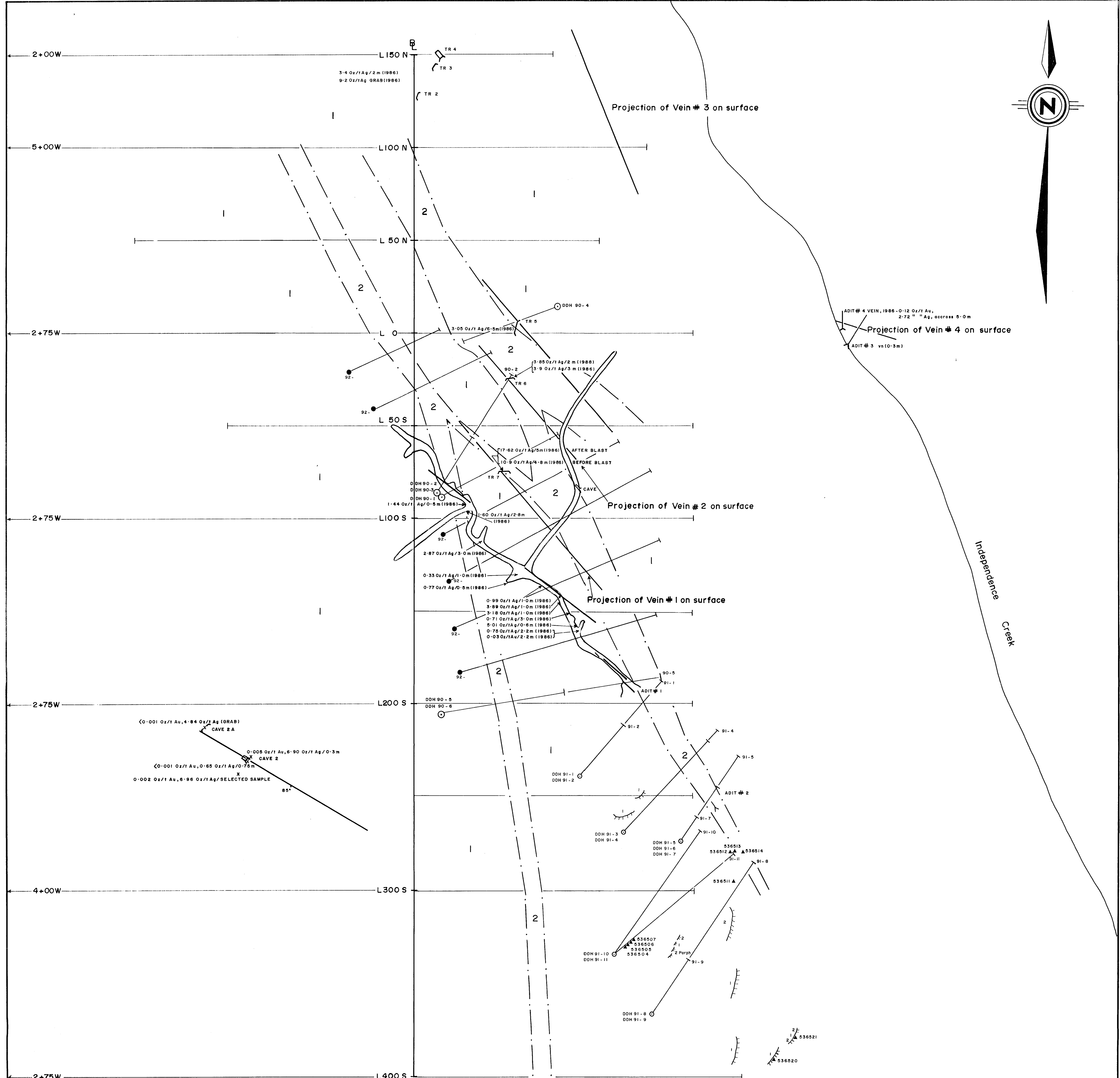
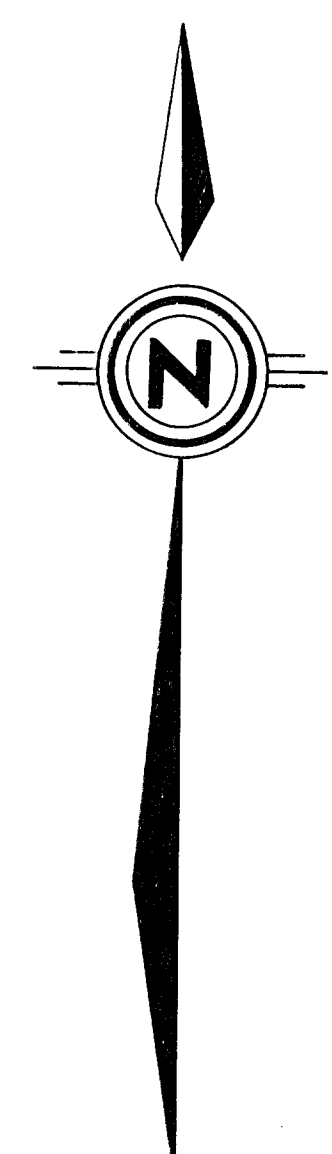
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SCALE: 1:500

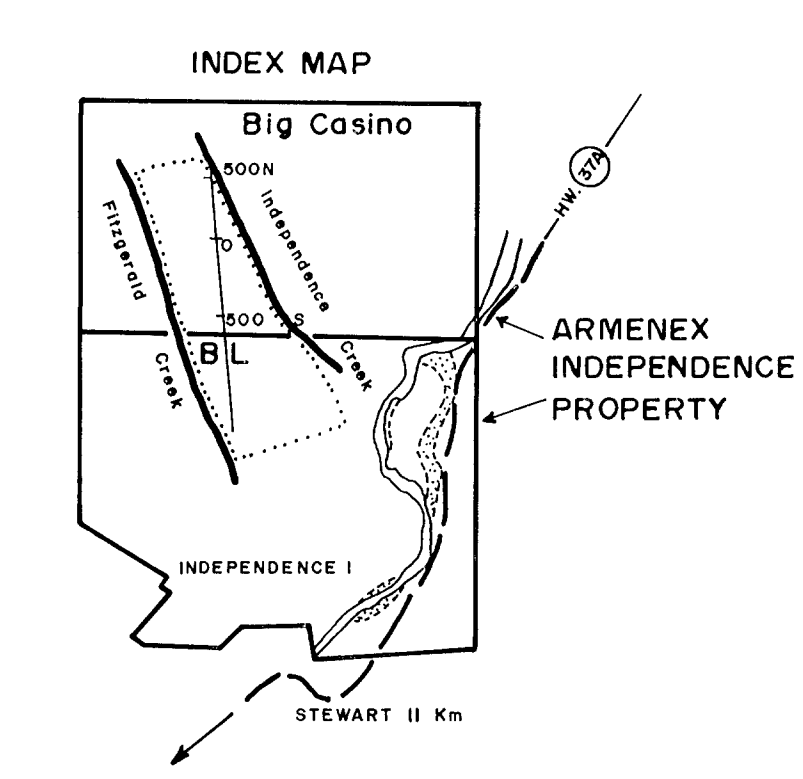
FIGURE: 7

DRAWN BY: D.G.

DATE: NOVEMBER, 1991



- LEGEND**
- 1 Andesite; Grey, Green, Maroon - Reddish, Porphyritic
 - 2 Diorite; Quartz Diorite, Microdiorite, Granodiorite
 - Geological Contact
 - Geological Projection of Vein System on Surface
 - Projection of Underground Working on Vein #1 at Adit #1 Elevation Approx. 3080 M with Underground Assay Results to the Surface
 - Trenching 1986 - 1988
 - DDH 90-1 1990 - Diamond Drill Hole Locations
 - 91-1 1991 - Diamond Drill Hole Locations
 - 92-1 1992 - Proposed Diamond Drill Hole Locations
 - 536507 1991 - Rock Sample Locations



GEOLOGICAL BRANCH ASSESSMENT REPORT

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SCALE: 1:1,000

0 5 10 25 50 100 METRES

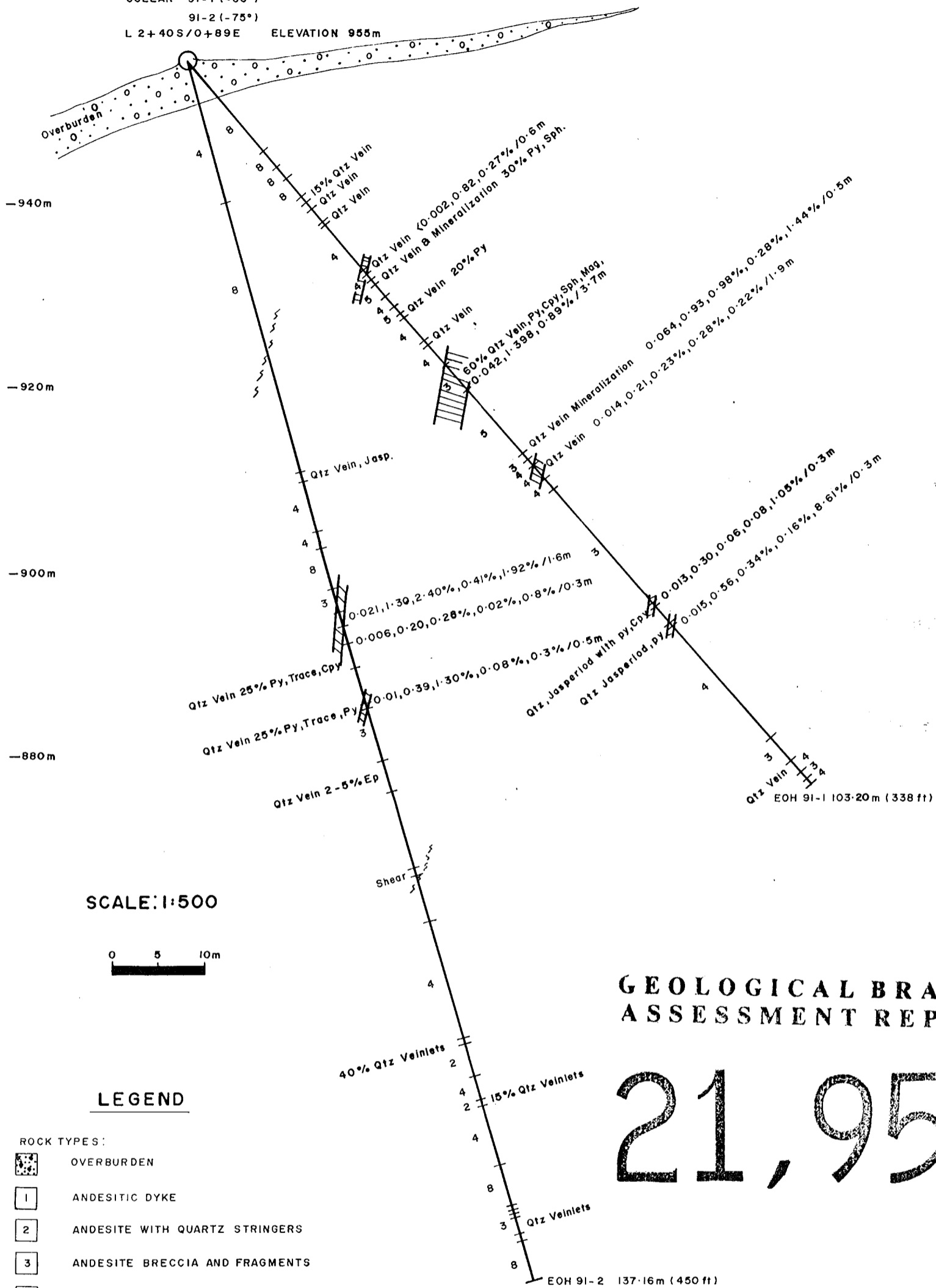
ARMENEX RESOURCES CANADA INC.	
INDEPENDENCE PROPERTY STEWART, B.C.	
SKEENA MINING DIVISION, NTS. 104A-4W PROPOSED 1992 DRILL HOLE LOCATIONS & UNDERGROUND DEVELOPMENT MAP	
SCALE: 1:1,000	FIGURE: 8
DRAWN BY: D. G.	DATE: NOVEMBER, 1991

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WILSON A. GEWARGIS, B.Sc., F.G.A.C., F.AUS.I.M.M.

WEST

EAST

COLLAR 91-1 (-50°)
91-2 (-75°)
L 2+40S/0+89E ELEVATION 955m



SCALE: 1:500



LEGEND

ROCK TYPES:

- OVERBURDEN
- ANDESITIC DYKE
- ANDESITE WITH QUARTZ STRINGERS
- ANDESITE BRECCIA AND FRAGMENTS
- ANDESITE DARK GREEN
- ANDESITE PORPHYRITIC
- ANDESITE MAROON - REDDISH
- ANDESITE LIGHT GREY TO GREEN
- QUARTZ DIORITE DYKE
- PORPHYRITIC QUARTZ DIORITE DYKE
- MINERALIZED ZONE (MIN)

NOTE: ASSAY RESULTS FOR MINERALIZED ZONE ARE PLOTTED ON THIS SECTION, AND THE REMAINING RESULTS ARE LISTED IN THE APPENDIX: III

Au, Ag, Cu, Pb, Zn / Width (M)
Oz/t, Oz/t, %, %, %
0.01, 0.39, 1.30%, 0.08%, 0.3% / 0.5m

TO ACCOMPANY A REPORT BY:
WILSON A GEWARGIS, B.Sc., F.G.A.C., F.AUS.I.M.M.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,950

ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
STEWART, B.C.

SKEENA MINING DIVISION, NTS. 104A-4W
CROSS-SECTION DIAMOND DRILL HOLES
91-1, 91-2
LOOKING NORTHWEST

SCALE: 1:500

FIGURE: 9

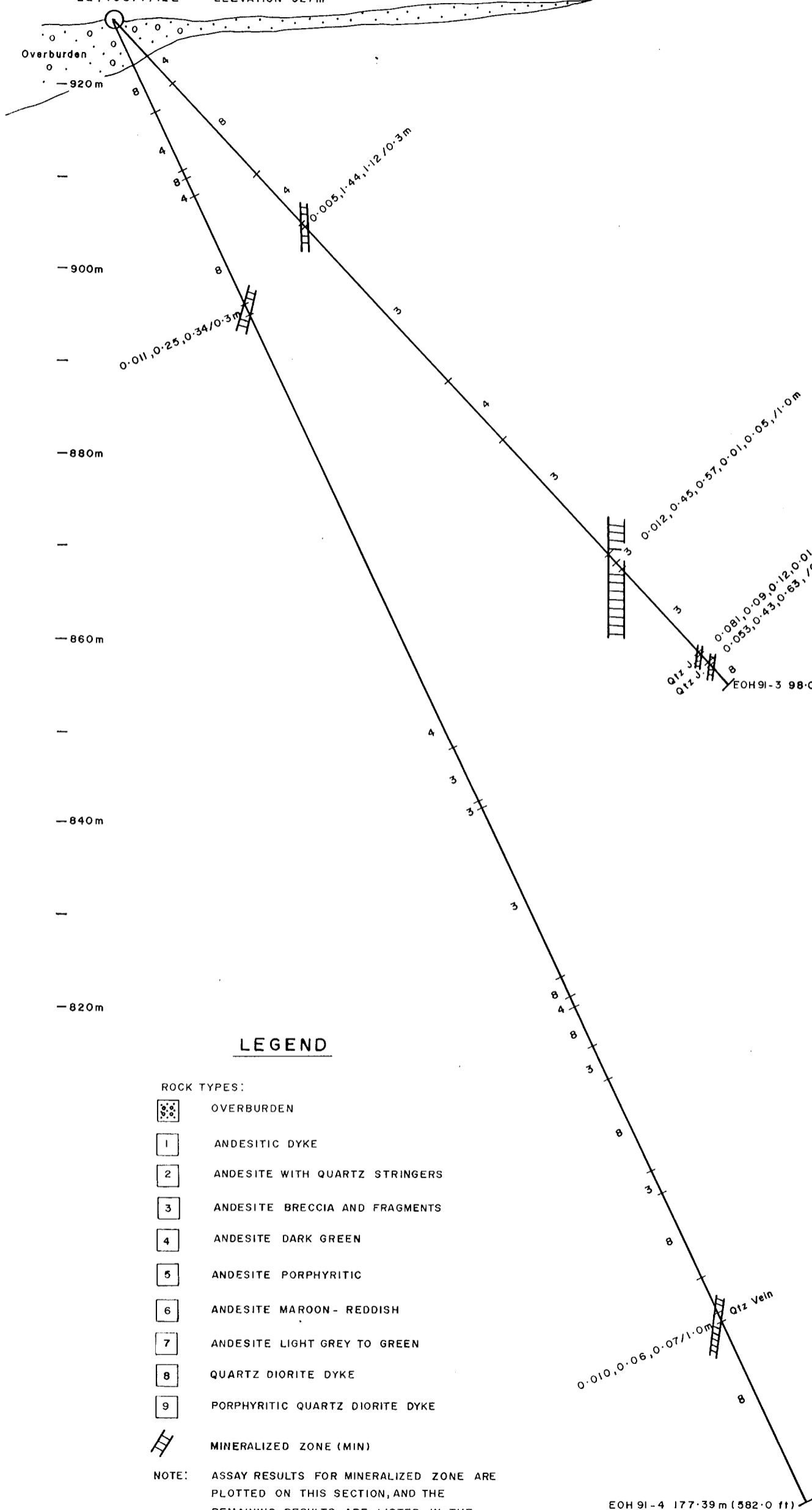
DRAWN BY: D.G.

DATE: NOVEMBER, 1991

WEST

EAST

COLLAR 91-3 (-47°)
91-4 (-65°)
L2+70S/1+12E ELEVATION 927m



LEGEND

ROCK TYPES:

- OVERBURDEN
- ANDESITIC DYKE
- ANDESITE WITH QUARTZ STRINGERS
- ANDESITE BRECCIA AND FRAGMENTS
- ANDESITE DARK GREEN
- ANDESITE PORPHYRITIC
- ANDESITE MAROON-REDDISH
- ANDESITE LIGHT GREY TO GREEN
- QUARTZ DIORITE DYKE
- PORPHYRITIC QUARTZ DIORITE DYKE

MINERALIZED ZONE (MIN)

NOTE: ASSAY RESULTS FOR MINERALIZED ZONE ARE PLOTTED ON THIS SECTION, AND THE REMAINING RESULTS ARE LISTED IN THE APPENDIX: III

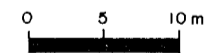
Au, Ag, Cu, Pb, Zn / Width (M)
Oz/t, Oz/t, %, %, %, %
0.012, 0.45, 0.57, 0.01, 0.05 / 1.0m

TO ACCOMPANY A REPORT BY:
WILSON A GEWARGIS, B.Sc., F.G.A.C., F.AUS.I.M.M.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,950

SCALE: 1:500



ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
STEWART, B.C.

SKEENA MINING DIVISION, NTS. 104A-4W
CROSS-SECTION DIAMOND DRILL HOLES

91-3, 91-4
LOOKING NORTHWEST

SCALE: 1:500

FIGURE: 10

DRAWN BY: D.G.

DATE: NOVEMBER, 1991

WEST

EAST

COLLAR 91-II (-50°)
L 3+35S/1+07E ELEVATION 912m

-910m Overburden

-900m

-880m

-860m

-840m

GEOLOGICAL BRANCH ASSESSMENT REPORT

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LEGEND

ROCK TYPES:

-  OVERBURDEN
-  ANDESITIC DYKE
-  ANDESITE WITH QUARTZ STRINGERS
-  ANDESITE BRECCIA AND FRAGMENTS
-  ANDESITE DARK GREEN
-  ANDESITE PORPHYRITIC
-  ANDESITE MAROON - REDDISH
-  ANDESITE LIGHT GREY TO GREEN
-  QUARTZ DIORITE DYKE
-  PORPHYRITIC QUARTZ DIORITE DYKE



MINERALIZED ZONE (MIN)

NOTE: ASSAY RESULTS FOR MINERALIZED ZONE ARE PLOTTED ON THIS SECTION, AND THE REMAINING RESULTS ARE LISTED IN THE

APPENDIX: III

Au, Ag, /Width (M)

Oz/t, Oz/t

0.006, 0.11/1.8m

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SCALE: 1:500



EOH 91-II, 131.98m (433ft)

ARMENEX RESOURCES CANADA INC.

INDEPENDENCE PROPERTY
STEWART, B. C.

SKEENA MINING DIVISION, NTS. 104 A-4W
CROSS-SECTION DIAMOND DRILL HOLES

91-II

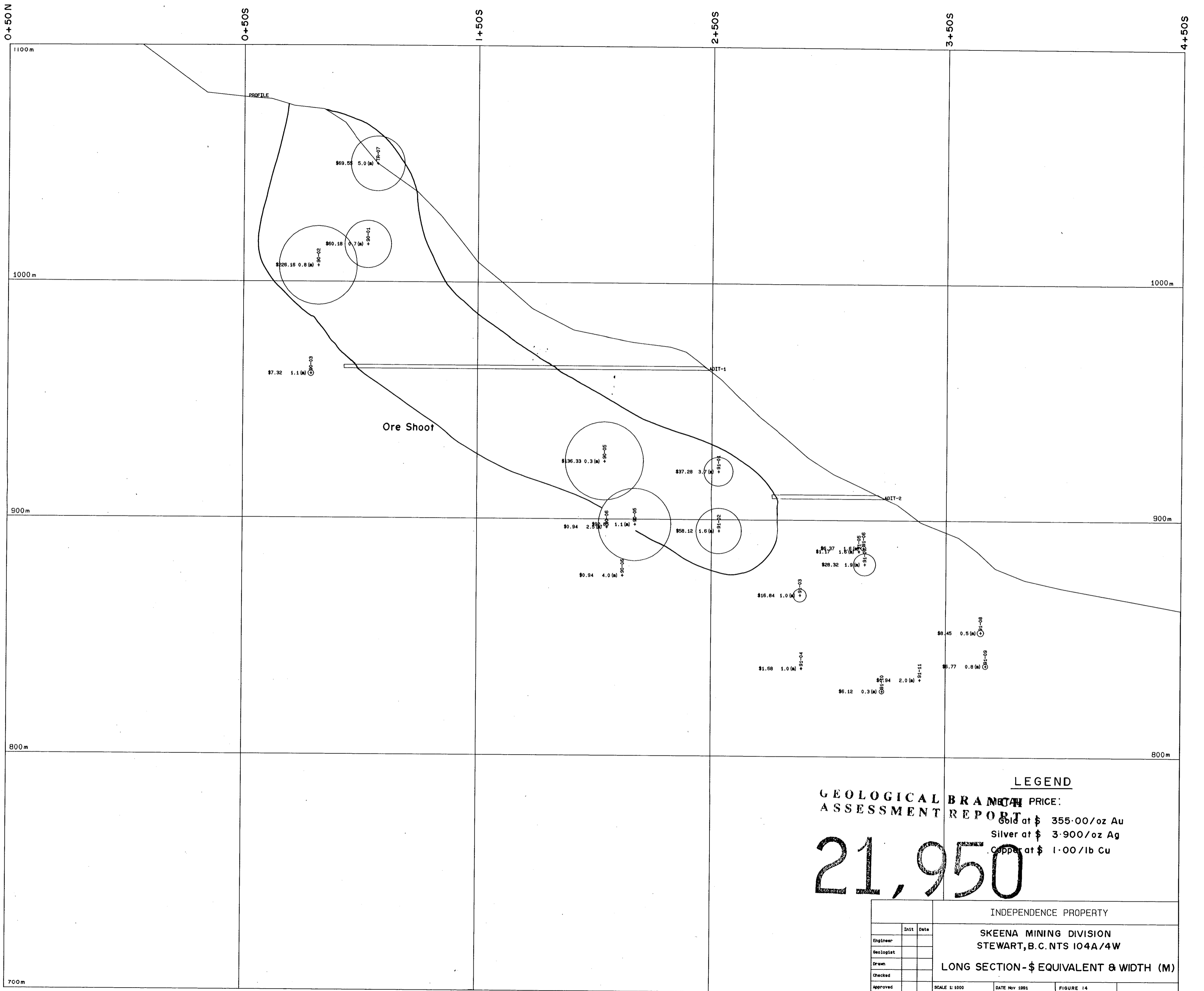
LOOKING NORTHWEST

SCALE: 1:500

FIGURE: 13

DRAWN BY: D.G.

DATE: NOVEMBER, 1991



LEGEND

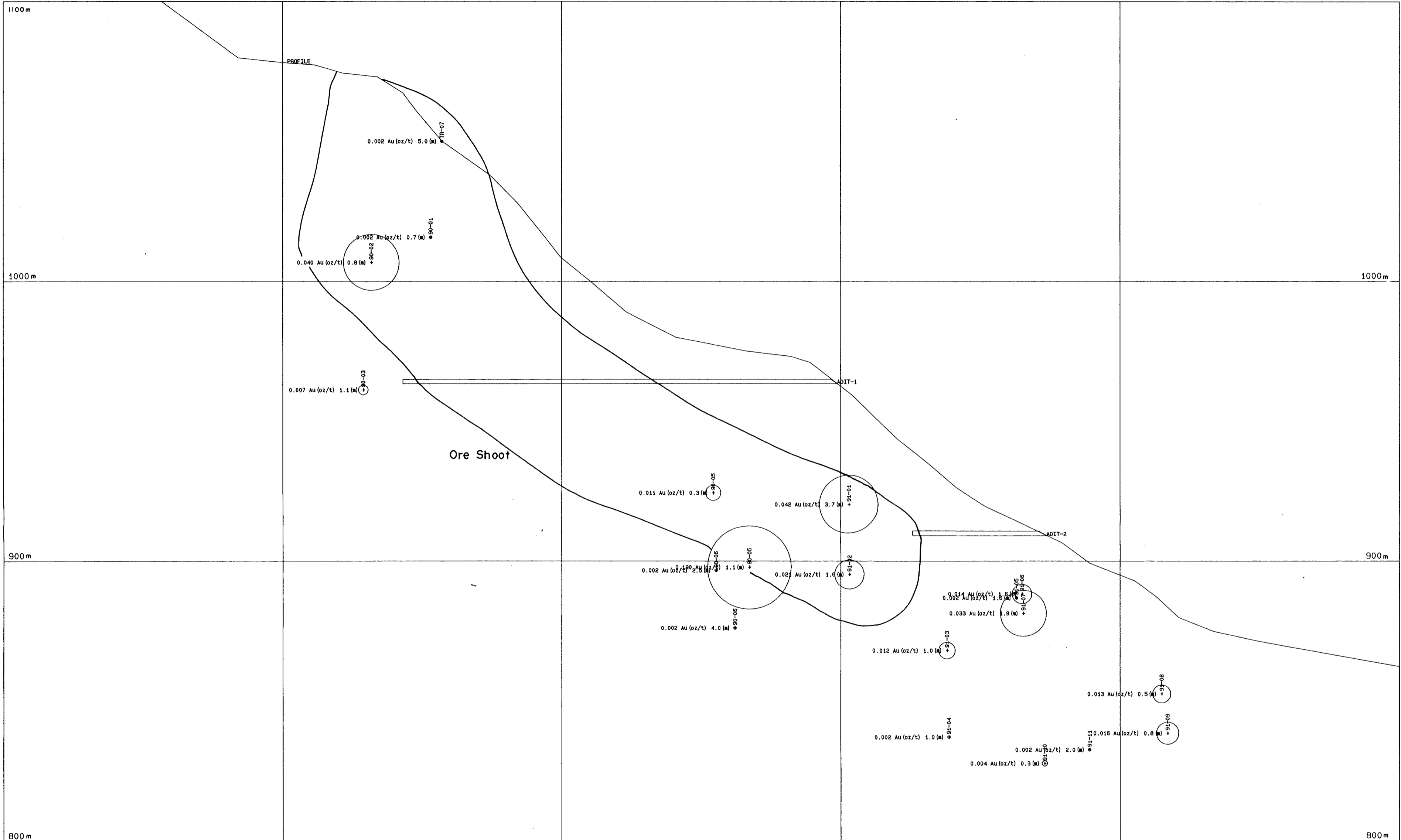
GEOLOGICAL BRANCH
ASSESSMENT REPORT

PRICE:
Gold at \$ 355.00/oz Au
Silver at \$ 3.900/oz Ag
Copper at \$ 1.00/lb Cu

21,950

INDEPENDENCE PROPERTY		
Engineer	Init	Date
Geologist		
Drawn		
Checked		
Approved		
SKEENA MINING DIVISION STEWART, B.C. NTS 104A/4W		LONG SECTION - \$ EQUIVALENT & WIDTH (M)
SCALE 1: 5000		DATE Nov 1991
FIGURE 14		

0+50N 0+50S 1+50S 2+50S 3+50S 4+50S

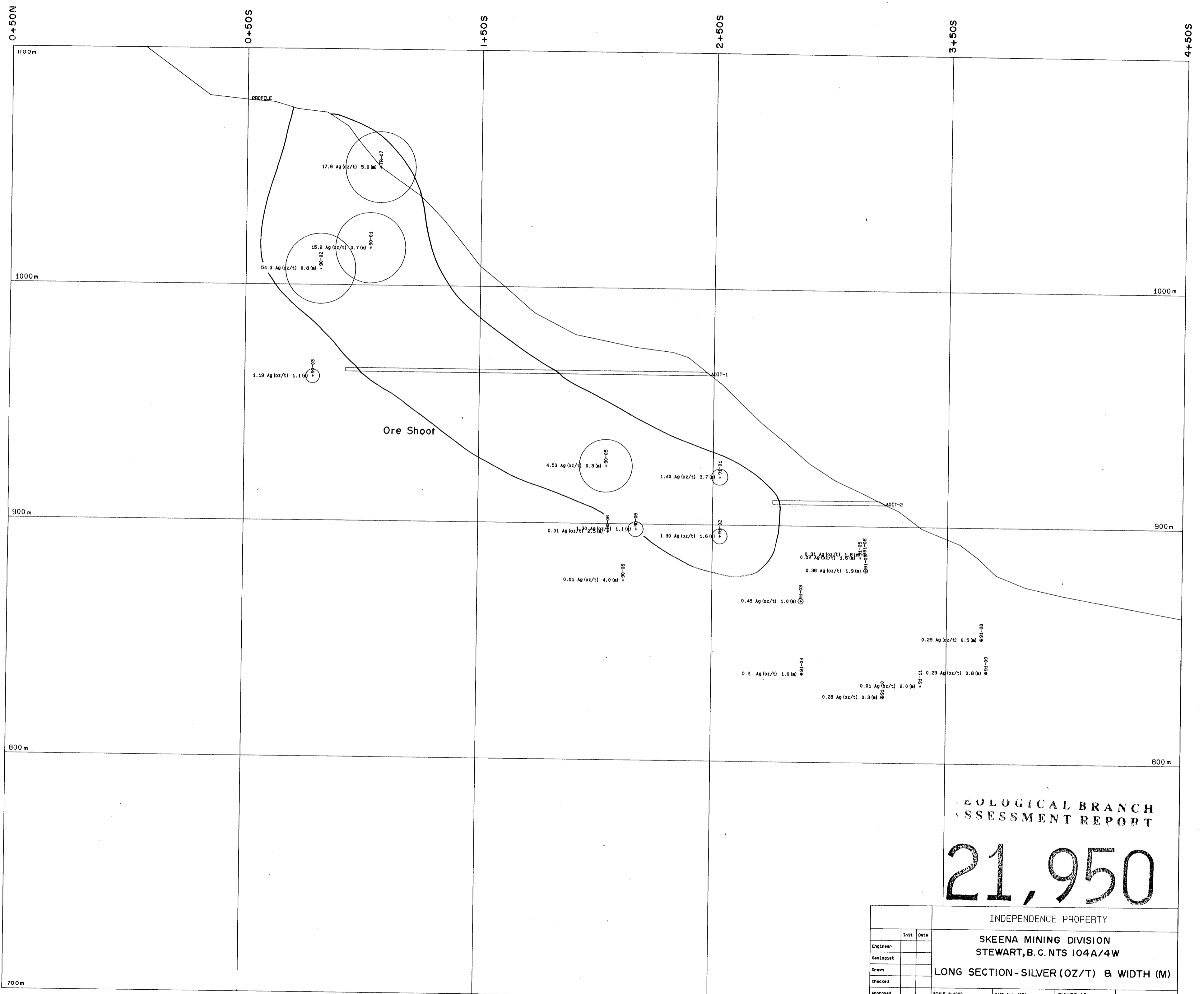


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

400 X
21,950

INDEPENDENCE PROPERTY	
SKEENA MINING DIVISION STEWART, B. C. NTS 104A/4W	
LONG SECTION - GOLD (OZ/T) & WIDTH (M)	
Engineer	Init Date
Geologist	
Drawn	
Checked	
Approved	
SCALE 1:1000	DATE Nov 1991
FIGURE 15	

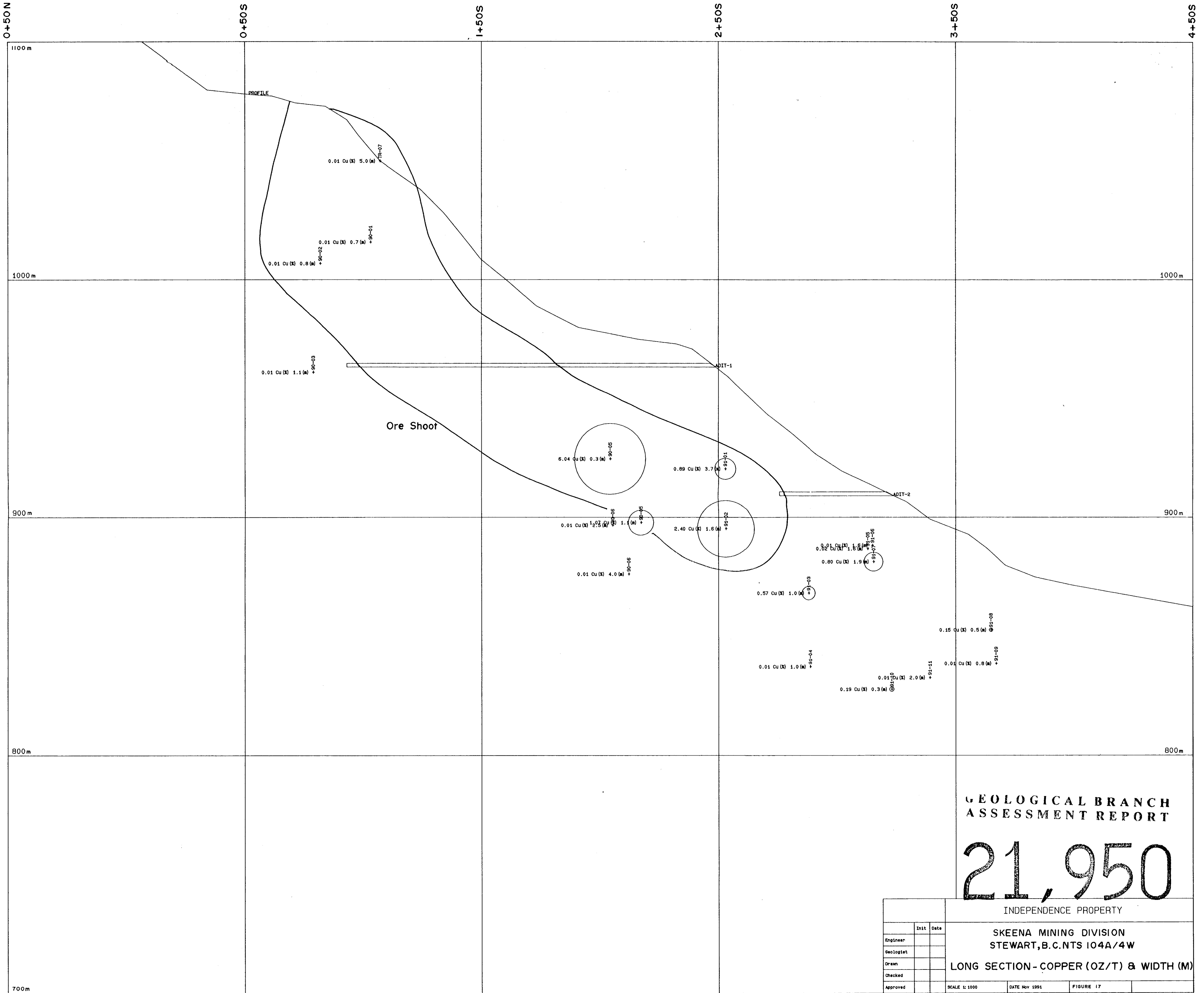
700 m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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INDEPENDENCE PROPERTY		
SKEENA MINING DIVISION STEWART, B.C. NTS 104A/4W		
LONG SECTION - SILVER (OZ/T) & WIDTH (M)		
Engineer	Init	Date
Geologist		
Drawn		
Checked		
Approved		
SCALE 1:1000	DATE Nov 1991	FIGURE 18



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

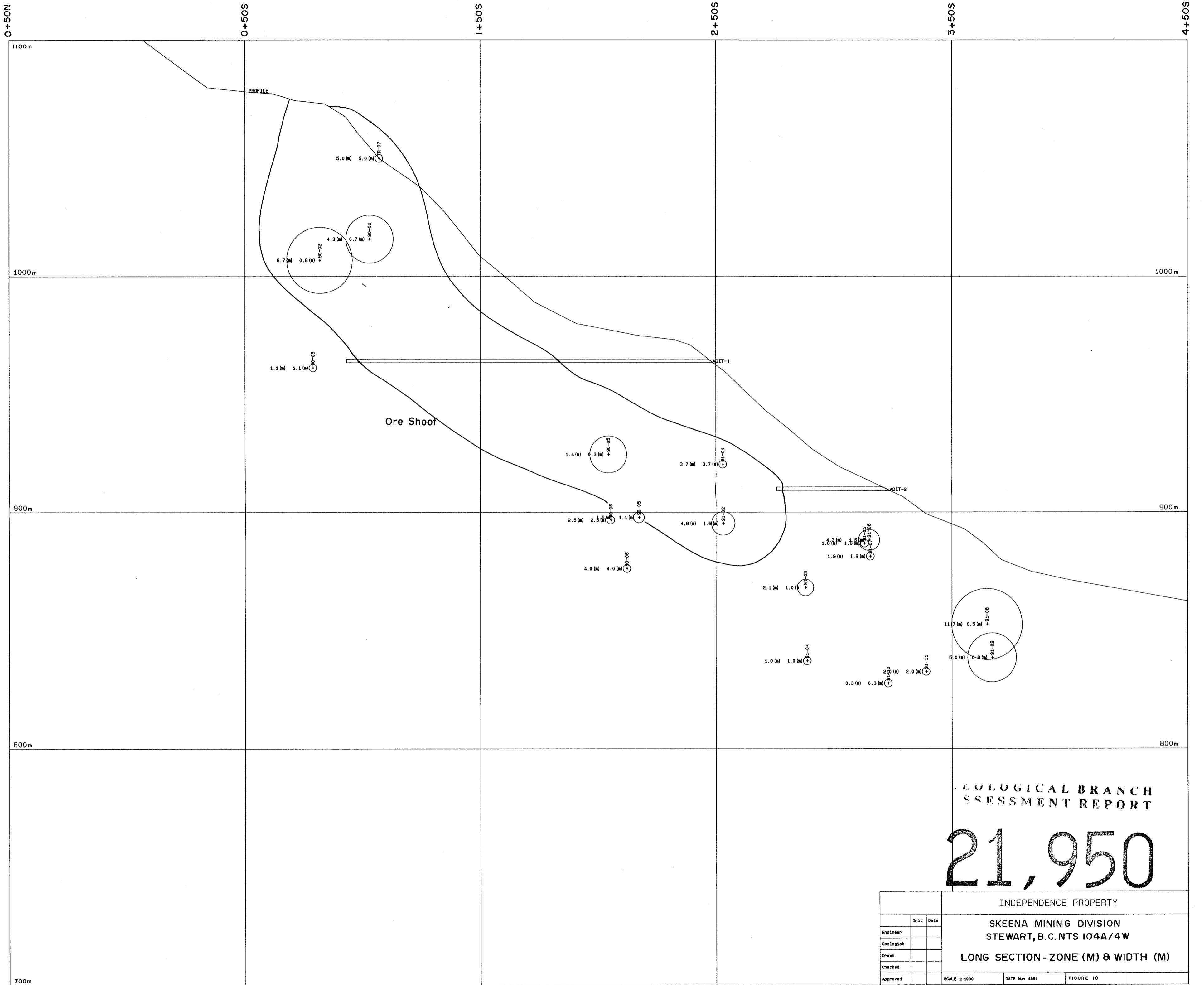
21,950

INDEPENDENCE PROPERTY

SKEENA MINING DIVISION
STEWART, B.C. NTS 104A/4W

LONG SECTION - COPPER (OZ/T) & WIDTH (M)

	Init	Date
Engineer		
Geologist		
Drawn		
Checked		
Approved		



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,950

INDEPENDENCE PROPERTY		
SKEENA MINING DIVISION STEWART, B.C. NTS 104A/4W		
LONG SECTION - ZONE (M) & WIDTH (M)		
Engineer	Init	Date
Geologist		
Drawn		
Checked		
Approved		
SCALE 1:1000	DATE Nov 1991	FIGURE 10