GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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SUMMARY REPORT
ON A
REVERSE CIRCULATION DRILLING PROGRAM
ON THE
WESTMIN GROUP
AT THE SIMILCO MINE PROPERTY

Mining Division:	Similkameen
NTS Map Sheet:	92H/SE
Latitude:	49 Deg., 20 Min.
Longitude:	120 Deg., 32 Min.
Owners:	Similco Mines Ltd./Westmin Resources Ltd.
Operator:	Similco Mines Ltd.

by
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September 1, 1995

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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EXECUTIVE SUMMARY

The Copper Mountain Camp encompasses all of the deposits and showings in and around Similco Mines' Ltd. land holdings in the Copper Mountain area of southwestern British Columbia. Copper Mountain is located 15 km south of the town of Princeton and 180 km east of Vancouver, B.C. Similco Mines Ltd. currently holds just under 12.5 thousand hectares of mineral claims and leases covering much of the Copper Mountain area. The Copper Mountain camp is divided into two sides by the north flowing Similkameen River.

Copper Mountain has a long history of exploration and development going back to the turn of the century. Early attempts at commercial production failed until 1925, when Granby Consolidated Mining, Smelting and Power Company commenced underground mining on the Contact ore deposit. Over the next thirty-two years, with an eight year closure between 1930 and 1937, Granby produced an estimated 35 million tons with an average grade of 1.08% copper. Newmont Mining Corporation of Canada, at first optioned part of the property, and later on purchased all of Granby's Copper Mountain holdings in 1967. Newmont discovered and put the Ingerbelle deposit into production in 1972. Additionally, they also delineated two other bulk tonnage, open-pitable deposits on the east side of the Similkameen River. In 1981, Newmont completed its mine plan in the Ingerbelle deposit and began mining in the Pit 2 and Pit 3 areas on Copper Mountain. Ore was crushed and transported by a conveyor system across the Similkameen River to the concentrator located on the west side of the River near the Ingerbelle deposit. In June of 1988, Newmont sold all of its Copper Mountain assets to Cassiar Mining Corporation, which later became Princeton Mining Corporation. Princeton initiated an exploration program which resulted in the development of the Virginia deposit in 1990. From 1988 to 1993, Princeton mined from the Pit 1, Pit 3 and Virginia deposit areas.

Low copper prices forced the suspension of mining operations in November of 1993. A significant increase in the price of copper and the drop in the value of the Canadian dollar against its U.S. counterpart allowed the mine the restart in August, 1994. Ore is now being fed to the mill from a low-grade stockpile and from an expansion of the old Ingerbelle pit.

This report documents a reverse circulation drilling program on the Alabama zone that was designed to define mineralization on roughly 200 ft. centers throughout the mineralized area. The program consisted of 29 holes totalling 17,015 ft.. Prior drilling in 1994 (Holbek and Blower, 1995) had outlined a large zone of copper-gold mineralization at Alabama.

1. INTRODUCTION

1.1 Location and Access

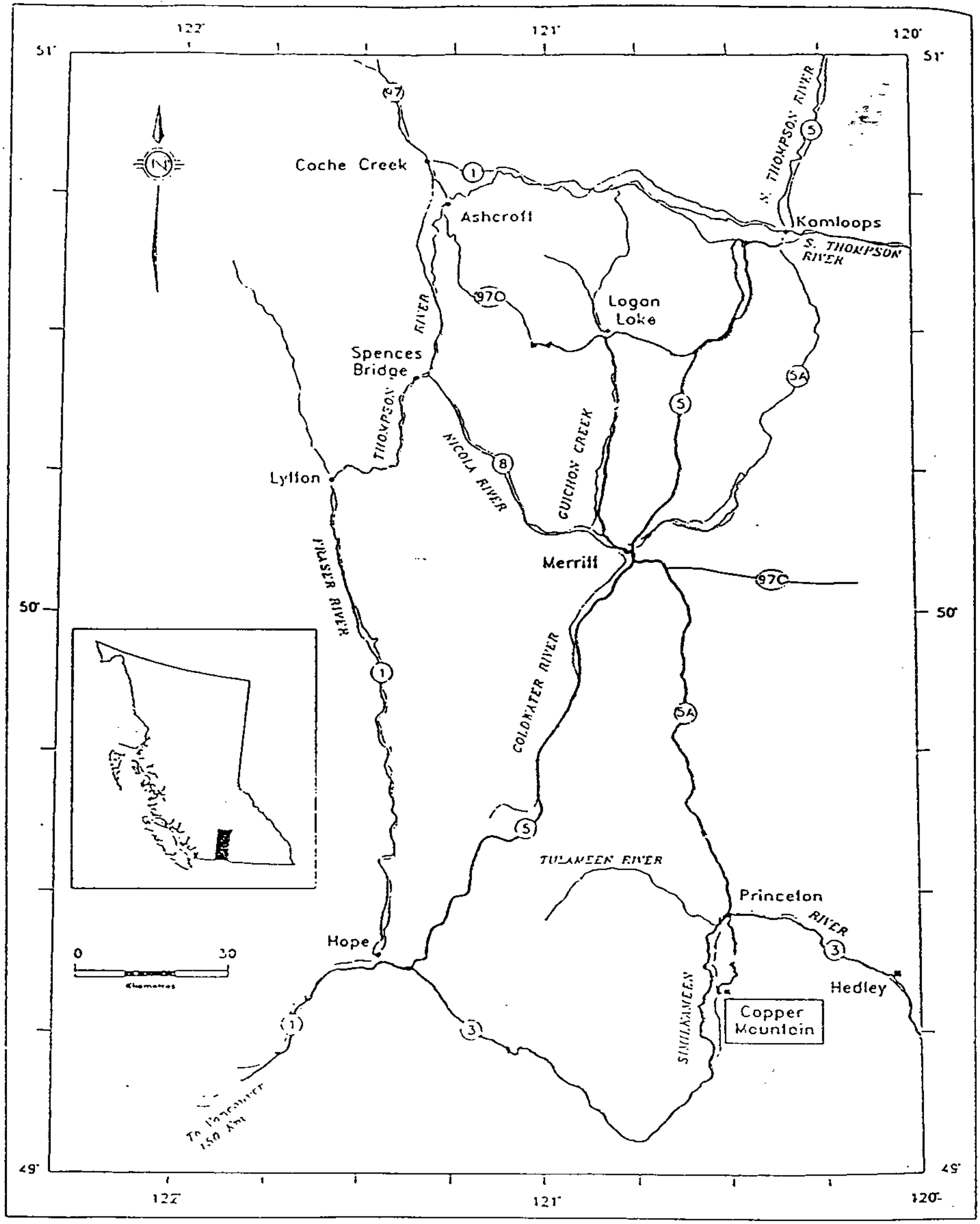
The mineral deposits of the Copper Mountain Camp are located 15 km south of the town of Princeton, B.C., 30 km north of the Canada-U.S.A. border and 180 km east of Vancouver (Fig. 1.1). The Similkameen River flows northerly through the camp, separating the Copper Mountain side, to the west, from the Ingerbelle side, to the east. Highway #3 from Vancouver passes immediately to the north of, and provides access to, the Ingerbelle deposits and the concentrator. The Copper Mountain side is accessed by the paved Copper Mountain Road which runs south from Princeton. The property is located in NTS map sheets 92H/8E and 92H/7W.

1.2 Physiography

Copper Mountain is located in a region of gentle to moderate topography with locally rugged relief adjacent to the Similkameen River canyon. Elevations range from a high of 1500 m near the summit of Copper Mountain to a low of 750 m in the Similkameen River. Most of the past mineral production has come from the areas adjacent to both sides of the Similkameen River and therefore a number of waste dumps are located on moderate to steep slopes above the river.

The climate in the area is typical of the southern interior of British Columbia with hot dry summers and cool winters. A majority of the average annual precipitation of 50 cm falls during the spring and fall. Vegetation consists of grass lands and ponderosa pine in valleys and lower elevations with dense forests of lodgepole pine, Engelmann spruce and some Douglas fir at higher elevations.

Figure 1.1 Location Map



1.3 Property and Claim Status

Similco's Copper Mountain property consists of 127 Crown Granted mineral claims, 155 located mineral claims, and 15 mining leases (derived from 52 original claims) covering an area of 12,409 hectares. Claims are all owned or under option to Similco Mines Ltd. Additionally, approximately 3,000 hectares of surface rights are owned by Similco. Approximately 20% of the claims have some form of Royalty agreement. Claims and land status are shown on Map #1.

1.4 Production and Exploration History

The first mineral claims in the Copper Mountain area were staked in 1892 by R.A.("Volcanic") Brown. During the next thirty years several attempts were made to achieve commercial production. A branch line of the Kettle Valley railway was extended from Princeton up along the Similkameen River and the Sunset Copper Company drove a haulage tunnel from the rail terminus into Copper Mountain to intersect the ore zone 1000' below the main showings. Milling difficulties and a drop in the price of copper forced the operation to close before any copper had been produced (Fahrni, 1950). Exploration during this period likely consisted of extensive prospecting and small physical workings by numerous individuals as evidenced by claim staking and the small pits, trenches and adits that are widespread over the area. It appears that much of the exploration was near to the Similkameen River where outcrop was in relative abundance.

In 1923, the Granby Consolidated Mining, Smelting and Power Company took over the property and commenced production in 1925. The mine operated continuously until 1957, except for the period between 1930 and 1937. A majority of the production came from underground workings on the Contact deposit, where up until 1949 a little over 21 million short tons grading 1.23%

copper had been extracted (Fahrni, 1950). During the later years of operation, ore was also mined from a number of small open pits. Total production is estimated at 35 million tons with an average grade of 1.08% copper (Macauley, 1970). Most of the exploration during the "underground era" took place adjacent to the mine, particularly along the northwest-trending main fault. However, a minor amount of work, including some diamond drilling was conducted in a few outlying areas.

Very little exploration or development work was carried out during the years between 1957 and 1965. However, in 1966, exploration was being conducted by Granby, Cumont Mines Limited, and Newmont Mining Corporation of Canada. Granby explored adjacent to the underground workings and tested within an area that would latter become Pit 2 (Figure 2.1). Cumont conducted geological mapping, geophysical and geochemical surveys, trenching and diamond drilling on its ground located peripheral to Granby's claims. Newmont optioned a block of Granby claims on the west side of the Similkameen River and carried out extensive geological, geophysical, trenching and diamond drill programs which resulted in the discovery and, ultimately, the delineation of the Ingerbelle deposit in 1969. Newmont purchased all of Granby's claims in late 1967, which allowed a unified, large-scale exploration program to be carried out. In addition to the Ingerbelle deposit, Newmont continued drilling where Granby had left off, and defined two large "bulk-tonnage", open-pitable zones of mineralization surrounding the previous workings on Copper Mountain. Mill and concentrator facilities were constructed and production commenced from the Ingerbelle deposit in 1972 at the rate of 15,000 tons/day. Total drilling within the Ingerbelle area amounted to 243,140 feet (74,109 m) in 542 holes. Following start-up at Ingerbelle, exploration was again curtailed.

In 1980 Newmont carried out a fourteen hole diamond drill program on the area immediately to the east of the Ingerbelle deposit, where earlier drilling (during the Ingerbelle exploration) had identified mineralization. In spite of reasonably positive drill results, no further work was performed and in 1980, when the Ingerbelle pit was completed, Newmont dismantled the crusher adjacent to the concentrator and completed construction of a new crusher and conveying system in order to bring ore from Copper Mountain across the Similkameen River to the mill complex. Mining of Pit 2 commenced in early 1980 and was completed in 1985. Production from Pit 3 began in the spring of 1983. In 1986, Newmont carried out an exploration program, which consisted of geochemical and geophysical surveys, to the north and east of Pit 2. A rising gold price and the attractive gold grades led to a detailed mapping and diamond drill program being carried out on the Voigt Zone, a narrow east-trending zone of mineralization located 1.5 km northeast of Pit 2. Similco Mines Ltd. and the entire Copper Mountain Property was sold to Cassiar Mining Corporation (later to become Princeton Mining Corp.) by Newmont in June of 1988.

Princeton initiated a property scale exploration program which soon became focused in the Lost Horse Gulch area (immediately north of Pit 2) and culminated in the discovery and delineation of the Virginia Deposit in 1990, after which exploration was curtailed. Production during this time came from Pit 3 and Pit 1. Mining of Pit 1 was completed at the end of 1992 and was subsequently backfilled with waste from Pit 3. Limited mining from the Virginia Pit was carried out in 1991 and 1993. Due to low copper prices, mining operations were suspended in November, 1993.

Mining resumed in mid 1994 as the price of copper rose dramatically. Currently, Similco is processing ore from the Ingerbelle low-grade stockpile (11 million tons @ 0.26% Cu) and from the Phase I expansion of the Ingerbelle Pit (12 million tons @ 0.32% Cu).

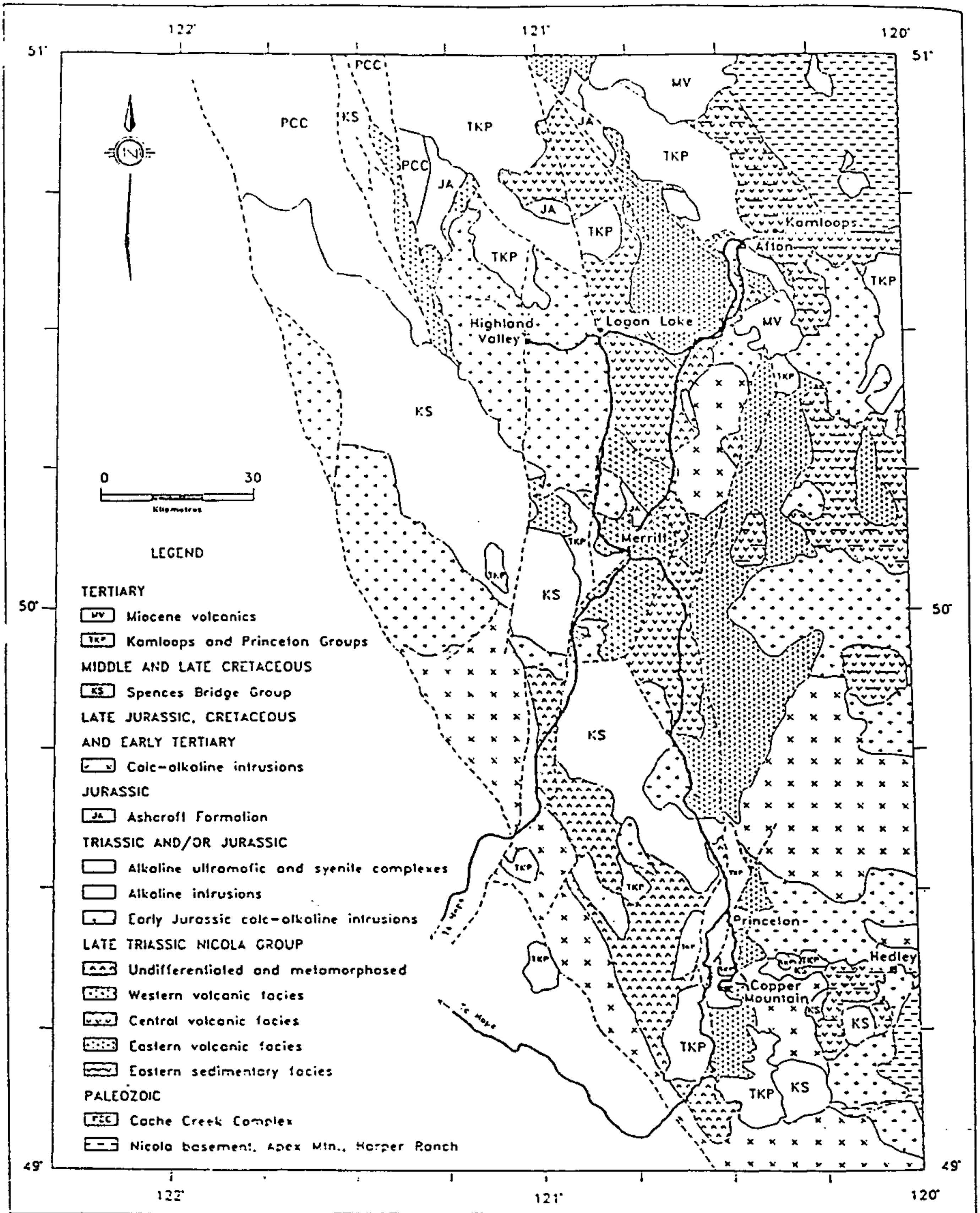
2 GEOLOGY

2.1 Regional Geological Setting

Copper-gold deposits of the Copper Mountain area are hosted by volcanic, and related intrusive rocks, of the Late Triassic Nicola Group (Dolmage, 1934; Preto, 1972). The Nicola Group consists primarily of a submarine island-arc assemblage of andesitic volcanic rocks and derived sedimentary rocks which are exposed in a 40 km wide north-trending belt that extends from the Canada-U.S.A. border in the south, to Kamloops Lake in the north (Fig. 2.0). Age correlative and compositionally similar belts of volcanic rocks extend along the length of British Columbia and into the Yukon Territory. The Nicola Group, with a stratigraphic thickness of up to 7.5 km is the main unit within Quesnellia, a northerly trending allocthonous tectonostratigraphic terrane in central British Columbia (Monger, et al., 1992). Quesnellia was likely accreted onto North America in mid-Mesozoic time.

The Nicola Group is divided into three, compositionally distinct, linear belts (referred to as the 'western, central and eastern volcanic belts') by north-trending fault systems; a fourth grouping, referred to as the eastern sedimentary assemblage is also recognized (Monger et.al., 1992). Copper Mountain occurs in the 'eastern volcanic belt'. Nicola Group rocks are intruded by Late Triassic to Early Jurassic alkalic and calc-alkalic plutonic rocks, some of which are demonstrably co-magmatic with their host volcanic rocks. In general, the alkalic intrusions are small and restricted to the eastern and central volcanic belts, whereas the calc-alkalic intrusions are larger plutons and are evenly spread throughout the Nicola Group (Preto, 1979).

Figure 2.0 Regional Geology (Stanley et al., 1994)

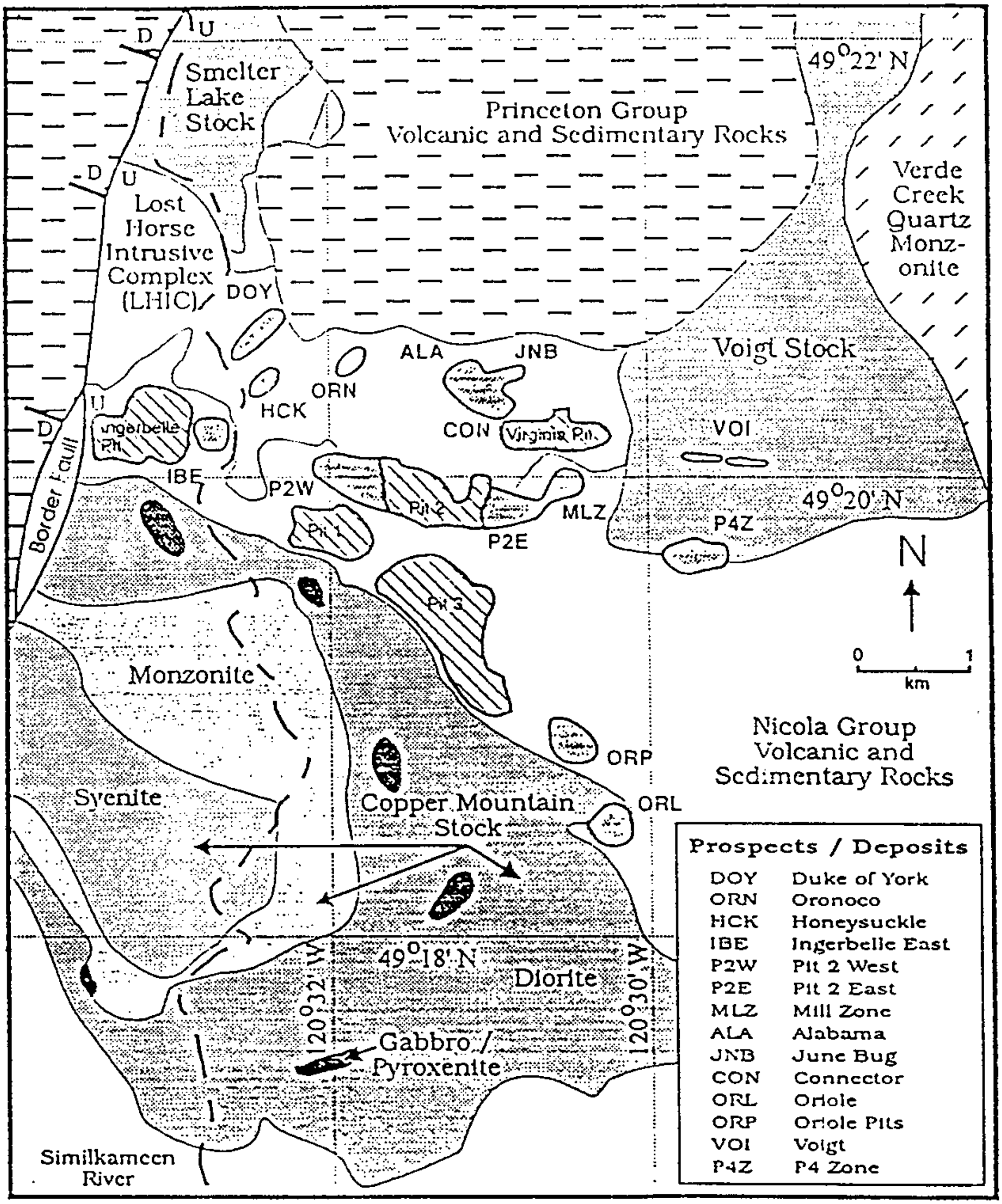


2.2 Property Geology

Geology of the Copper Mountain area is dominated by the Copper Mountain stock, an elliptical shaped, compositionally zoned intrusion covering approximately 20 square kilometres. All significant mineralization discovered to date on the property lies to the north of this intrusion. Two smaller and not distinctly zoned but somewhat circular intrusions, the Smelter Lake stock and the Voigt stock are located approximately two kilometres to the north of the Copper Mountain stock (Fig. 2.1). The Lost Horse Intrusive Complex, which consists of a variety of cross-cutting dykes and irregularly shaped stocks and plugs, is located about 1 km north of the Copper Mountain Stock and between the Smelter Lake stock, to the east, and the Voigt stock, to the west. Hosting these intrusions, and forming a one to two km wide northwest trending belt, are Nicola Group volcanic rocks. Within the mineralized area identification of rock types can be exceedingly difficult largely due to gradational (?) intrusive contacts and the effects of contact metasomatism and hydrothermal alteration. Nomenclature between past workers at the outcrop scale is inconsistent, particularly with respect to alteration.

The eastern edge of the Copper Mountain camp is defined by the post-mineralization, Cretaceous Verde Creek pluton of quartz monzonite. The western edge of the camp is the Boundary fault (Preto, 1972; Montgomery, 1967), a north-south trending, west-dipping fault system with some right-lateral (?) and normal motion (Preto, 1972). The Boundary fault truncates both the Copper Mountain stock and the Nicola volcanic rocks, juxtaposing volcanic and sedimentary rocks from higher in the Nicola stratigraphy (Preto, 1972). Montgomery (1967) postulates reverse movement on the Boundary fault system but the degree of east-west extension during the Tertiary, as indicated by the Mine dykes, would favour normal movement. The Copper Mountain camp is limited in its northerly extent by overlying volcanic and sedimentary rocks of the Eocene Princeton Group.

Fig. 2.1 Property Geology



2.2.1 Stratified Rocks

2.2.1.1 Wolf Creek Formation

Volcanic rocks and derived sediments of the Nicola Group at Copper Mountain are referred to as the Wolf Creek Formation (Preto, 1972; Dolmage, 1934). All workers at Copper Mountain have recognized that the Wolf Creek Formation consists of a sequence of well-bedded, fine-grained, well-indurated tuffaceous rocks or volcanic siltstones, turbidites and "cherts"; fine to coarse grained lapilli tuffs, breccias and agglomerates; feldspar phyric tuffs and/or flows; and fine-grained (pillowed) flows. What most workers can't seem to agree on is the overall structure and stratigraphy of these rock units and the relative significance of structure and lithology to mineralization.

Fahrni (1951) proposed a stratigraphy based on volcanic cycles consisting of coarse grained pyroclastic rocks at the base, followed by finer-grained fragmental rocks, flows and finally ash tuffs, greywackes and chert. Three such cycles were proposed for the mine area, occurring in simple fold structures with northwest trending, gently plunging fold axes (Fahrni, 1951). Fahrni (1951) was also a strong proponent of lithological control on the distribution of sulphide mineralization.

Recent work at the property, which consists of geological mapping of all five pit areas and much of the intervening ground has found no evidence of folding and only a limited amount of flat lying stratigraphy. It would appear that the Wolf Creek Formation has been broken into a myriad of fault blocks with highly variable displacements and rotation. Typically, bedding displays moderate to steep dips. Additionally, although locally some lithologies appear to be selectively well mineralized, there is no particular lithology that consistently carries better grade than average on the pit scale or camp scale; and grade distribution is mostly controlled by fault and fracture density. The degree of movement along fault structures, numerous cross-cutting dykes and irregularly shaped intrusions, plus the effects of intrusion and hydrothermal alteration make it nearly impossible to correlate lithologic units for any great distance. Even discerning volcanic rocks from intrusive rocks in well-exposed pit walls is problematical. Thus, the best description of the Wolf Creek Formation is likely to be found in Preto (1972) where detailed mapping was also conducted well away from the mineralized areas.

2.2.1.2 Princeton Group

The Eocene Princeton Group contains a variety of volcanic and sedimentary rocks. These rocks have only been examined in outcrop and drill core in the area between Lost Horse Gulch and Smelter Lake. In general, the rocks exhibit flat to shallow dips and consist of mudstones, volcanic conglomerates and flows and occasional coal seams. A large elliptical volcanic neck(?), with surface dimensions of about 700 by 500 m, of dark grey hornblende phyric andesite is located on the western end of Lost Horse Gulch, immediately east of the angle station on the cable belt.

2.2.2 Intrusive Rocks

The distribution of intrusive rocks on the property is best revealed by the airborne magnetometer map of total field magnetics which shows the high magnetite, commonly intrusive, rocks as red and the low magnetite (volcanic) rocks as blue. The intrusive-volcanic contacts, as revealed by the airborne data, correspond very well with geological mapping by Montgomery (1967) and Preto (1972). The magnetic data provides better definition than field mapping in areas of limited outcrop. For example, it reveals significantly more intrusive rocks in the Ingerbelle deposit area than surface mapping had indicated. Additionally, the magnetic data indicates that the Voigt

Stock is circular in plan with a small non-magnetic core, which suggests a strong similarity to the Copper Mountain Stock. These changes have been incorporated into the revised geological map (Fig. 2.1).

Jurassic intrusive rocks in the Copper Mountain camp have a silica-saturated alkalic affinity (Lang, 1993) resulting in a lack of either quartz or feldspathoid minerals. Texturally, the intrusive rocks range from medium-grained equigranular to fine to coarse-grained porphyritic. The intrusions can be subdivided into two groups on the basis of occurrence, mineralogy and texture. The first group consists of the Copper Mountain, Voigt and Smelter Lake stocks; the second group comprises the suite of the Lost Horse Intrusive Complex. All of the Copper Mountain intrusions carry rare phenocrysts of clear to pale grey apatite, which can be used to distinguish them from compositionally and texturally similar volcanic rocks of the Wolf Creek Formation (Preto, pers.comm., 1994).

2.2.2.1 Copper Mountain Stock

The Copper Mountain Stock is a compositionally zoned, elliptically shaped intrusion located in the southeastern part of the map area. The outer margin of the stock is weakly to strongly foliated parallel to the outer contact and consists of medium-grained diorite to monzodiorite. Small bodies of gabbro and pyroxenite are reported to occur in the border phase (Montgomery (1967). The border phase is gradational into a middle zone of monzonite. The monzonite is visually distinct from the border phase because of its higher potassium feldspar content, lower mafic content and coarser grain size (Lang, 1993). The core zone of the Copper Mountain stock is a coarse-grained (pegmatoid texture) leucocratic perthitic syenite. This core phase is non-magnetic and has a fairly sharp outer contact with the intermediate phase. A minor amount of mineralization is reported from the core area, otherwise the Copper Mountain Stock is unmineralized. The concentric compositional zonation of the stock is attributed to in-situ fractionation processes rather than multiple intrusion due to the lack of cross-cutting phases

(Montgomery, 1967). The magnetic signature of the Copper Mountain stock suggests a cylindrical intrusion that has been tilted to the northwest about 20 degrees. Although the stock is not mineralized, northeast trending fractures that are mineralized in the volcanic rocks of Pit 3 extend into the Copper Mountain stock and contain potassium feldspar-epidote-biotite alteration envelopes which indicates that emplacement of the stock was pre-mineral.

2.2.2.2 Smelter Lake and Voigt Stocks

The Smelter Lake and Voigt stocks are similar to the border phase of the Copper Mountain stock, consisting of equigranular to sub-porphyritic monzodiorites containing approximately equal amounts of augite and plagioclase, lesser poikilitic potassium feldspar, shreddy biotite that is commonly chloritized, magnetite and accessory minerals (Lang, 1993). These stocks are not noticeably concentrically zoned, however, magnetic data suggests that a small non-magnetic core zone is present in the Voigt stock. The only known mineralization in either of these stocks is the Voigt Zone, an easterly trending vein-like zone of mineralization that lies along strike with the core of the Virginia deposit and extends from the western edge of the Voigt stock for a distance of 2 kms. (see Section 4.4)

2.2.2.3 The Lost Horse Intrusive Complex

The Lost Horse Intrusive Complex (LHIC) is the name given to a confusing suite of dykes, sills and irregular shaped intrusions, primarily located in the Lost Horse Gulch area, but extending across the Similkameen River into the Ingerbelle area. There is a great degree of petrographical and textural variation in the LHIC rocks. This characteristic, together with variable hydrothermal alteration and generally poor surface exposure makes recognition of individual phases in outcrop extremely difficult. Exposure in open pits and drill core is somewhat better but even so recognition of, and correlation of, distinct phases is difficult.

Lang (1992, 1993) conducted a petrographic study of the LHIC, focusing primarily in the Virginia deposit, and described three main intrusive types based on petrographic characteristics and cross-cutting relationships. Lang's classification scheme and nomenclature has been adopted with some significant simplifications and modifications in order to obtain improved consistency among field workers. Three primary groupings (LH1, LH2 and LH3) are recognized on the basis of mineralogy, texture and age relative to mineralization. The LH1 category consists of dykes and irregular shaped plugs or stocks of equigranular, pyroxene diorite that is very similar in appearance to the Voigt stock. LH1 rocks appear to be pre-mineralization and are commonly weakly mineralized in the Lost Horse Gulch area; alteration is more commonly vein and fracture controlled than pervasive. Fine grained versions of the LH1 are easily mistaken for recrystallized, magnetite enriched, Wolf Creek volcanic rocks (and vice-versa) within mineralized areas. LH2 rocks are typically feldspar porphyritic, of monzonitic composition and spatially and temporally associated with mineralization. A pervasive potassium feldspar (+/- biotite, epidote and magnetite) alteration is common. A subtype, LH2f, is a commonly trachytic, feldspar megacrystic porphyry which is syn- to postmineralization. Pink, potassium feldspar altered LH2 rocks comprise the dominant fragment type in the magnetite breccia "pipes" occurring in the Pit 2 and Ingerbelle deposits. LH3 rocks range in composition from monzodiorite to syenite, are weakly porphyritic and cross-cut or are clearly post-mineralization. Within deposit areas LH3 rocks may display the effects of hydrothermal alteration. LH1 and LH2 dykes generally exhibit east-west to northeast trends, whereas the LH3 intrusions more commonly have northerly trends and form sills, which suggests emplacement at lower confining pressure.

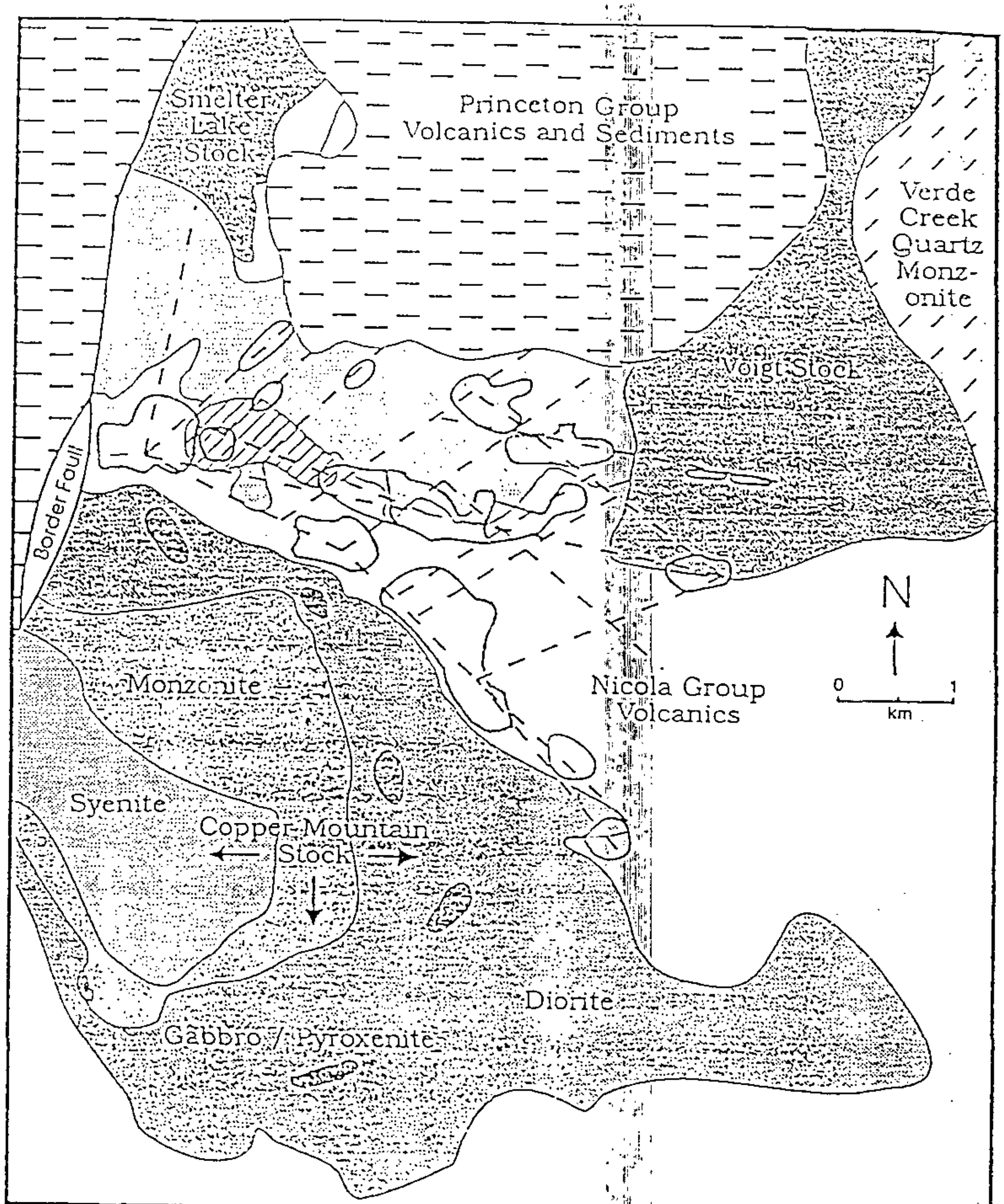
2.3 Structure

Stratified rocks on the property do not display any significant folds and any discussion of structure on the property will concern itself entirely with faults and fractures. The orientation, amount of displacement and timing of movement of the faults on the property are important because faults have either localized mineralization or displaced it. The more significant faults have been well documented by previous workers (Preto, 1972; Macauley, 1970; Montgomery, 1967) however magnetic data from the recent airborne survey and recent exploration and compilation has revealed numerous other structures. Figure 2.2 illustrates the major known and inferred structures.

Fahrni et al. (1976) and Macauley (1973) recognize four main sets of faults in the deposit area. The first set consists of large-displacement, regional, northerly trending faults, of which the Boundary fault on the west side of the property is the best example (Fig. 2.1). The boundary fault dips moderately to west and has dip-slip movement that post-dates the eocene Princeton Group. Late movement on the Boundary fault is likely related to east-west extension during the eocene, as indicated by the northerly trending mine dykes which have a collective thickness of nearly one kilometre in the property area.

The second set of structures consists of east-west trending, steeply south-dipping faults such as the Gully fault which appears to be the locus for much of the mineralization in the Ingerbelle and Ingerbelle East deposits. Other faults of this group would include the Pit fault in Pit 2 and the structure which hosts the Virginia and Voigt Zone mineralization. Macauley (1973) suggests 700 feet of normal displacement on the Gully fault. Displacement along the Pit fault and Voigt structure are not known.

Figure 2.2 Major Structures of the Copper Mountain Camp



The third set of faults trend northwest and includes the Main fault, which runs parallel to the north contact of the Copper Mountain stock and extends through the Oriole area, Pits 3 and 1 and the Ingerbelle East and Ingerbelle deposits, and the Alabama structure which parallels the southeast contact of the Voigt stock and hosts much of the Alabama mineralization. Although there is some post-mineral movement along the main fault, it was likely in existence for a long period of time as this structure would seem to be one of the dominant controls of mineralization in the camp.

The fourth set of structures trend northeast to east-northeast and appear to have localized mineralization in all of the mineralized areas except for the Virginia deposit and Voigt Zone mineralization. The mine breaks, recognized in the underground mine and belonging to this group, have some post-mineral movement resulting in minor offsets of mineralization.

The third and fourth sets of structures appear to be genetically related by having similar controls on mineralization and a geometric relationship that is typical of dextral simple shear (Blower, 1991). The north-northeast trending Tremblay and Honeysuckle faults (Preto, 1972) have Eocene movement and are likely related to movement along the Boundary fault and are not part of the mineralizing fracture system.

3. ALTERATION AND MINERALIZATION

3.1 General Description of Mineralization

The Copper Mountain area does not display a typical style and distribution of alteration and mineralization as can be observed in many porphyry copper deposits (eg: Lowell and Guilbert, 1970). The alteration and mineralization does, however, share some common features of alkalic style porphyry deposits, notably those in similar rocks such as the Afton and Ajax deposits near Kamloops (Kwong, 1987). The most conspicuous feature of the alteration and mineralization at Copper Mountain is the strong structural control. In many respects, the exploration and economic evaluation of the Copper Mountain deposits is more like that of vein and stockwork hosted precious metal deposits than conventional porphyry deposits.

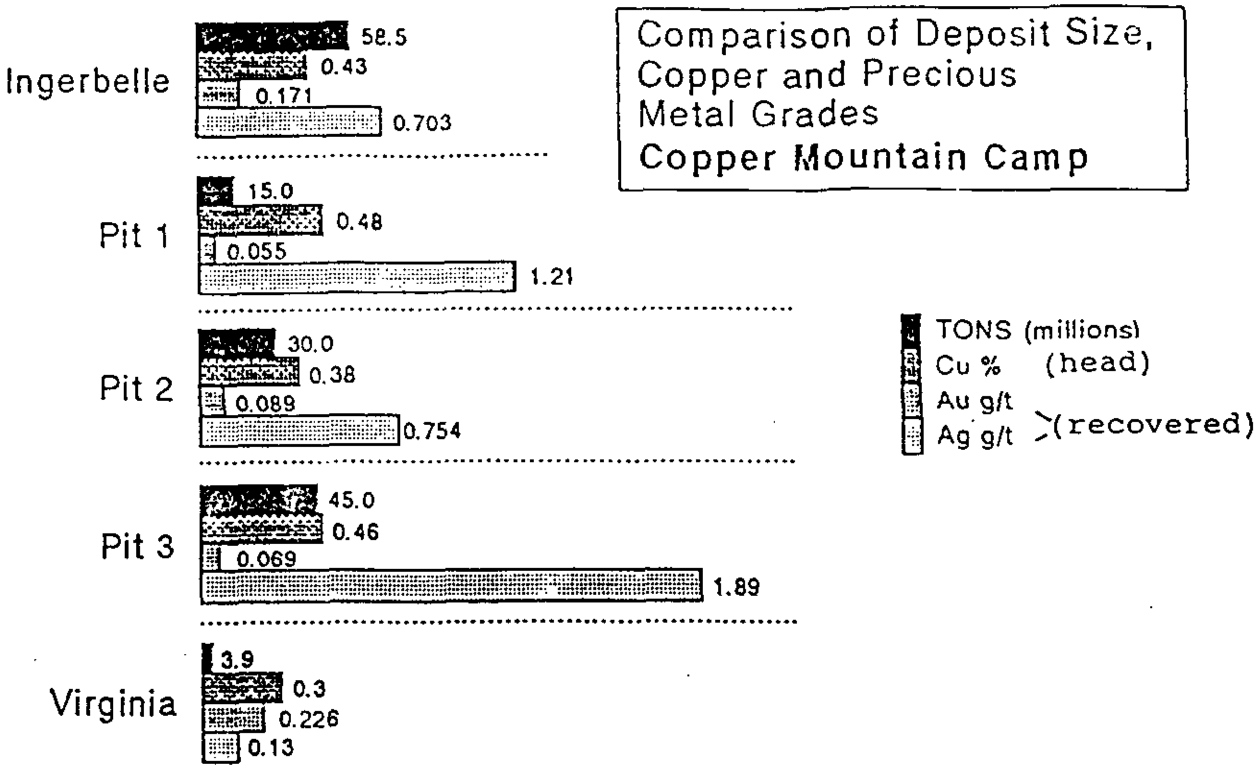
Mineralization at Copper Mountain is widespread; to date ore has been extracted from five pit areas (Pits 1,2 and 3 and Ingerbelle and Virginia Pits) and an additional two areas (Ingerbelle east and Alabama) are currently being evaluated or prepared for production. A number of other mineralized areas are known and are listed as future exploration targets including: Mill Zone, the P4 Area, Oronoco/Diamond Dot, Pit 1 West, Duke of York, Oriole and Voigt Zone.

The structural control over the distribution of mineralization is operative from the camp scale down to the outcrop and even microscopic scale. Three dominant structural orientations exert control on the distribution of deposits within the camp as well as the mineralization within the deposits: northwest, northeast, and east-west (90-110). A fourth direction, north-south, exerts control not because of mineralization (although some north-south sulphide veins are observed in Pits 1 and 2) but rather because this is the orientation of minor faults and barren mine dykes which cause significant disruption of mineralization in all of the deposits except Ingerbelle. The prominent camp-scale structures, as determined from mapping and interpretation of the vertical magnetic gradient maps, are shown in relation to existing pits and exploration targets in Figure 2.2.

Mineralization ranges from massive to semi-massive sulphide (+/- magnetite) veins and vein stockworks to microveins and fracture fillings to disseminated. All mineralization types occur in all pits but the relative proportions of mineralization type varies from pit to pit. For instance, in Pit 2, massive sulphide veins and vein stockworks predominate with only minor disseminated sulphides, whereas in Pit 3 the dominant sulphide habit is microveins and fracture fill. The Ingerbelle, Ingerbelle East and Alabama deposits are characterized by structurally controlled bands of disseminated mineralization with only minor, semi-massive sulphide veins. The structures which control the distribution of disseminated sulphides are not commonly visually apparent in drill core. Although, in the Alabama deposit it seems that the structure which initially controlled sulphide deposition later controlled the emplacement of dyke-like Lost Horse Intrusions thereby marking its existence.

Sulphide mineralogy of the camp is relatively simple, consisting of pyrite, chalcopyrite and bornite with other sulphide minerals only occurring in trace amounts. Gangue minerals include, in order of abundance: magnetite, calcite, potassium feldspar, albite, epidote and chlorite. The Copper Mountain camp is a low sulphide system with total sulphides ranging from 0.5 to a maximum of 10% with an overall average of about 2 to 3%. Ratio of iron to copper sulphides varies considerably with location. Bornite:chalcopyrite, silver:gold and copper:gold ratios are zoned from north to south, with higher ratios in the south which decrease northwards. Thus, bornite and silver contents are highest in Pit 3 and the Oriole area and decrease in Pits 1 and 2. Bornite is exceedingly rare in the Virginia, Alabama, Ingerbelle and Ingerbelle East deposits. Conversely, gold grades are higher in the reverse sequence (Fig. 3.1). A possible explanation for this zonation is related to thermal gradients around the Copper Mountain Stock. Although the Copper Mountain stock most likely predates mineralization the thermal regime caused by the emplacement and cooling of this large intrusive body would likely have dominated the area, thereby creating a mineralogical zoning pattern that is similar to porphyry systems where bornite is concentrated in the core zone, chalcopyrite dominates in the intermediate zone and pyrite is concentrated in the outer shell (Jones, 1992; Kesler, 1973; Jerome, 1966 and others). However, in a geologically complex area numerous other possible explanations exist, and would include depth zonation. That is, based on the inferred northwestward tilt of the Copper Mountain stock, the entire area may have been tilted in the same fashion so that deposits to the northwest are exposed at progressively deeper levels.

Figure 3.1 Size, Grade and Precious Metal Distribution in Copper Mountain Ore Deposits

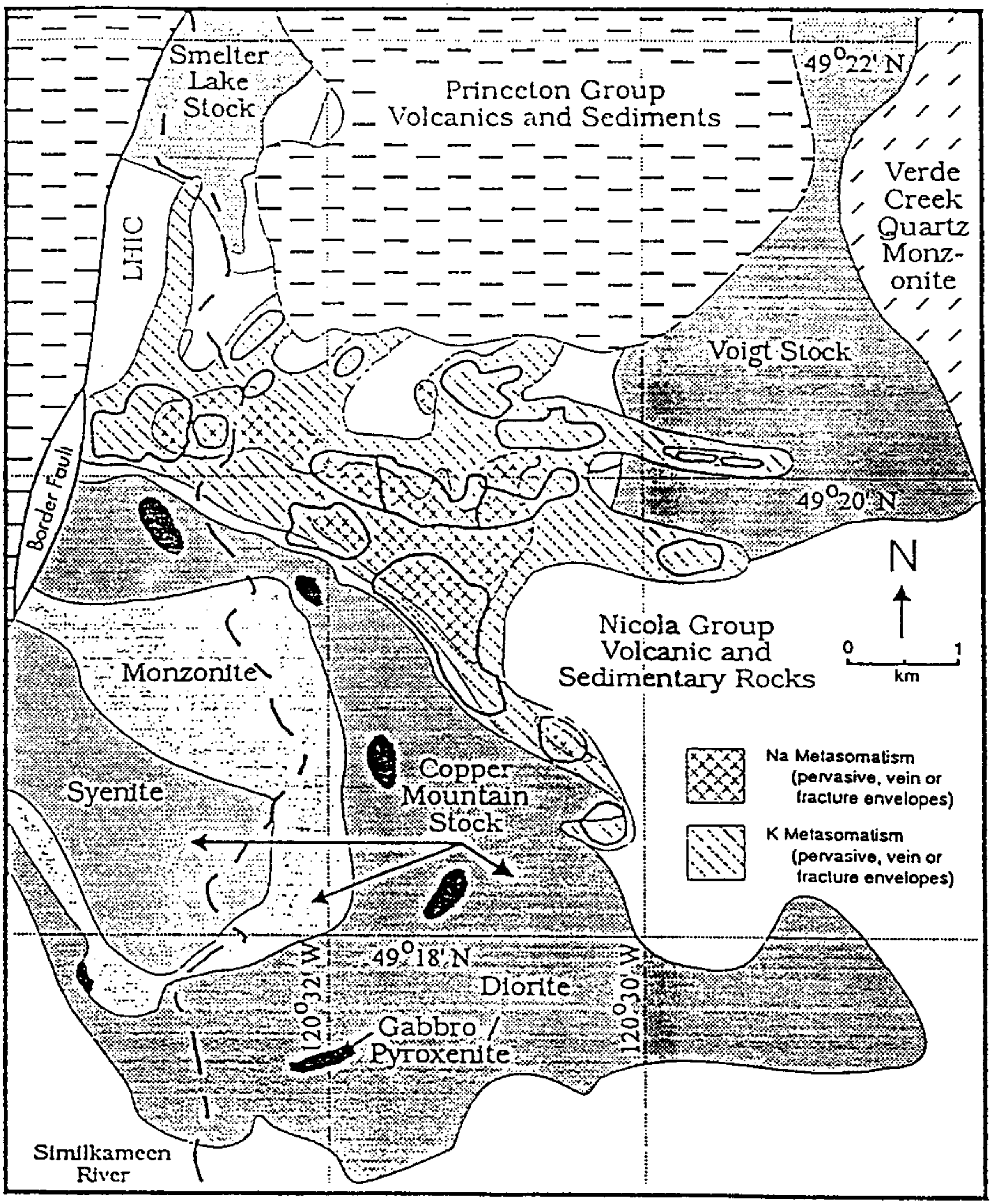


3.2 General Description of Alteration

Hydrothermal alteration within the mine area consists of both pervasive alteration (metasomatism) and structurally controlled (vein type) alteration. The variety of volcanic and intrusive lithologies, the overprinting of alteration assemblages, and the poor exposure between pit areas makes the recognition of property scale alteration zonation difficult. At the deposit scale, there does not appear to be any correlation between grade and alteration type or intensity (with the exception of a possible gold in copper correlation to potassic alteration).

The earliest alteration appears to have been a biotite-magnetite hornfelsing of the mafic volcanic rocks. This alteration typically produces a fine grained, hard, highly magnetic, black rock. In many places the resultant rock appears to be composed entirely of magnetite and biotite. This type of alteration occurs in all mineralized areas but is most strongly developed peripheral to the Copper Mountain stock in the area of the Pit 1, Pit 3 and Ingerbelle deposits (Fig. 3.2). There are a number of locations where either the matrix or the fragments of fragmental volcanic rocks were selectively hornfelsed (and altered) producing some visually enhanced fragmental textures. Empirical observation indicates that hornfelsed volcanic rocks commonly host the best grades of mineralization, particularly in the Pit 2, Pit 3 and the Alabama deposits. Within these rocks very finely disseminated chalcopyrite forms at the expense of magnetite. It could be this feature that caused some of the early workers to refer to favourably mineralized horizons. Two types of pervasive alteration are named for their dominant feldspar mineral: sodic alteration or albitization (Na metasomatism), and potassic alteration (K metasomatism). Both types affect large volumes of rock, do not appear to be structurally controlled, at least on the outcrop scale, and can vary in intensity. Both alteration types do have structurally controlled counterparts that occur peripheral to the pervasive style and as later overprints on the pervasive style. Relative timing of the two

Figure 3.2 Distribution of Pervasive Alteration Types at Copper Mountain



alteration types, as indicated by cross-cutting relationships, is not consistent throughout the camp, but in general, the sodic alteration appears to have been slightly earlier than the potassic alteration.

Sodic alteration is conspicuous by its texturally destructive bleaching of darkly coloured rocks. Referred to as albite-epidote hornfels by Macauley (1970, 1973), sodic alteration changes grey plutonic rocks and black or green volcanic rocks to white, light grey and pale green, and is commonly accompanied by a reduction in grain size. Alteration mineralogy consists of albite with minor epidote, diopside and calcite. Sulphides associated with the alteration process generally occur in low concentrations, are very fine grained and pyrite content is greater than chalcopyrite. Sodic altered zones that make ore are frequently sulphide vein stockwork zones, which is probably a result of the more brittle nature of altered rock. It is typical of these zones to have less favourable metallurgical characteristics because of high work indices and lower recoveries. Large zones of pervasive sodic alteration are constrained to the central part of the mine area occurring in the western ends of Pits 2 and 3, all of Pit 1 and the eastern part of the Ingerbelle Pit.

Potassic alteration is widespread, generally occurring outboard of the sodic alteration, but also within, and is quite variable in intensity. It is typically not texturally destructive, producing a pink wash (potassium feldspar) through the matrix, orthoclase replacement of, or overgrowths, on plagioclase phenocrysts and conversion of mafic minerals to biotite and magnetite (+/- chlorite). Potassic alteration is mostly associated with intrusive rocks of the Lost Horse Complex. Where this alteration is intense it is difficult to determine an altered rock from a fine-grained syenite. Disseminated epidote and chalcopyrite are commonly associated with potassic alteration. With the exception of albite veins, most of the veins, both sulphide bearing and non-sulphide bearing are likely associated with the late stages of potassic alteration.

4. 1995 ALABAMA REVERSE CIRCULATION DRILL PROGRAM

4.1 Drill Program

4.1 Overview

This section presents a summary of the 1995 reverse circulation drill program on the Alabama copper-gold deposit. The Alabama area was selected as the most likely target that could produce a large economic deposit within a relatively short time-frame and limited exploration budget. The Alabama Zone was deemed the best target for a variety of reasons including: geology and alteration, geophysical signature, previous drill results, proximity to the crusher and topographic setting.

The Alabama Zone is situated 1km east of the Copper Mountain crusher on the Lost Horse Gulch Ridge. Elevation at the top of the ridge is 4,050 feet but drops to 3,700 feet at the Virginia deposit.

The objective of the 1995 drill program was to define a low strip ratio mineable deposit on 200' centers with at least 20 million tons of ore.

4.2 Geology and Mineralization of the Alabama Deposit

The geology of the Alabama area is characterized by a complex of tabular dyke-like intrusive rocks cutting the Nicola volcanic rocks of the Wolf Creek formation. These rocks are overlain to the north by a thin to thick cover of Tertiary volcanic flows and sedimentary rocks. Where the Tertiary-Mesozoic contact is intersected by drilling it appears to be faulted. Pronounced east-west structural extension during Tertiary time has resulted in abundant north-south trending felsite and basalt dykes cutting the rocks of interest. Total volume of the dykes is in the order of 10% of the Alabama ridge area. Ground conditions on the Alabama ridge are poor due to extensive faulting and fracturing.

Nicola volcanic rocks consist predominately of fine-grained augite-phyric andesite to basalt flows and coarse fragmental rocks with minor fine-grained pyroclastics. The coarse fragmental volcanics, locally referred to as lapilli tuffs are commonly hornfelsed to a biotite-magnetite rich assemblage.

The intrusive rocks at Alabama are part of the Lost Horse intrusive complex, an appropriate name for a confusing variety of intrusive compositions and textures. The Lost Horse intrusions have been subdivided into three sets based on age relative to mineralization: LH1, which is predominantly a pyroxene diorite appears to be pre-mineralization; LH2, which consists of a variety of feldspar phyric phases is syn-mineralization and believed to be intimately related to the source of mineralization; and LH3, which consists of post-mineral monzonite and syenite.

Alteration is pervasive in the Alabama area and makes it difficult to distinguish between individual intrusive phases and to distinguish between intrusive and some volcanic units. The most conspicuous alteration is pervasive potassium feldspar alteration which results in a pink wash throughout the rock. The most common manifestation of this is a diorite protolith becoming much like a syenitein appearance and composition. Potassic alteration also results in potash rich veins and fracture fillings as well as biotization. Sodic alteration or albitization (albite + epidote) which is common in Pits 1 and 3 is only locally present in the Alabama area. Propylitic alteration as defined by a chlorite + calcite + pyrite +/- epidote assemblage is observed in drill core on the north side of the Alabama deposit. An alteration zonation scheme and the relation of alteration to mineralization in the Alabama area has not yet been determined. The difficulty in defining specific zones of alteration can be appreciated if one considers the vast number of individual intrusive events, each with its own alteration halo, followed by movement along numerous faults, juxtaposing unrelated rocks and events. Map #2 is a plan of the Alabama area showing all of the drill hole locations.

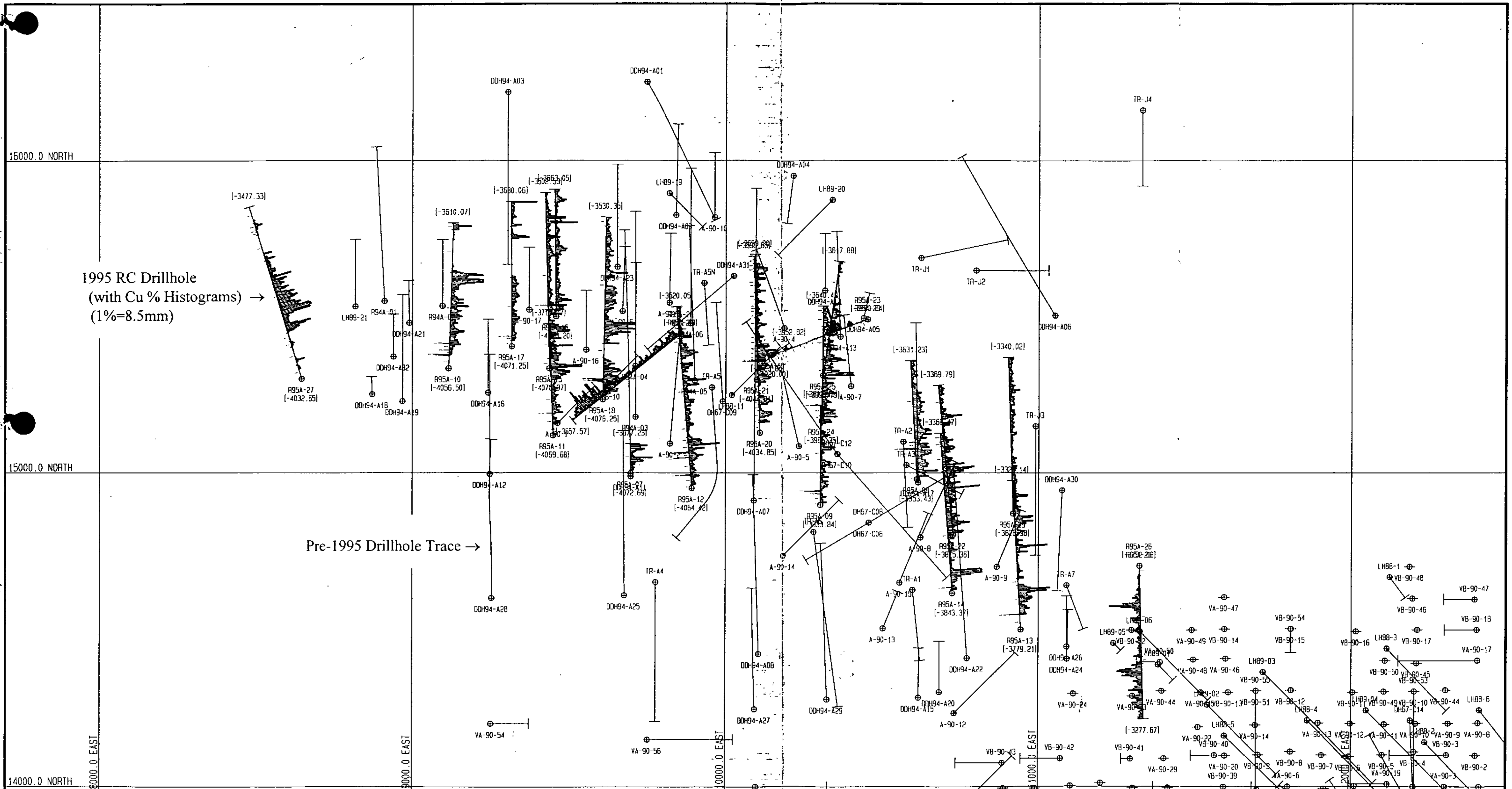
Mineralization at Alabama is more similar to the Ingerbelle deposit than any of the other known mineralized areas in the camp. Like Ingerbelle, all of the copper at Alabama occurs as chalcopyrite and is usually associated with pyrite and magnetite. The sulphides occur as disseminations and to a lesser extent as fracture and vein fillings within tabular, structurally controlled zones. The orientation of the main mineralized zone(s) at Alabama is 100 to 110 degrees with subordinate zones at 060 and 330; very similar to Ingerbelle. The Alabama and Ingerbelle deposits also share the same Cu:Au ratio of approximately 16,000. It is worth noting that the average length of above cut-off drill intersections in drill holes in the Ingerbelle deposit was 70 feet (Macauley, 1970) and that the deposit was drilled off with 542 holes totalling 243,139 feet.

4.3 Alabama Drill Program Results

A total of 17,015 feet of RC drilling has been completed in 23 holes. Drilling from the current program together with the previous drilling have defined a copper - gold deposit that is elliptical in plan with surface dimensions of 2,400' by 1,100'.

Figure 4.0 shows the locations of the 1995 drill holes, while Map #2 gives a more detailed view of all drilling to date with copper analyses. Drill hole location co-ordinates are given in Table 4.1a for pre-1995 drilling. Table 4.1b outlines the locations and significant Cu intersections for the 1995 RC drilling. All distances are given in feet and may be converted to meters by dividing by 3.2808.

Figure #4.0



Princeton Mining Corp.
P.O. Box 520
Princeton, BC
V0X 1W0

DATE: 09/14/95 TIME: 13:36:25

SCALE (HOR) 1": 300' SCALE (VERT) 1": 300'

ALABAMA RC AND DIAMOND DRILLING
Histograms of Cu (%)

Traces only are shown for pre-1995 holes

Software by GEMCOM Services Inc.

Some of the most recent drilling (hole R954A-27), has extended the mineralized area to the west and it now appears that the zone of mineralization is wide open in this direction.

TABLE 4.1A
PRE-1995 DRILL HOLE LOCATIONS

HOLE #	COLLAR NORTHING	COLLAR EASTING	COLLAR ELEVN (FT)	AZM	DIP	LENGTH (FT)
C67-6	14840.00	10460.00	3903.00	59.00	-47.00	422
C67-8	14840.00	10460.00	3903.00	239.00	-46.00	336
C67-9	15230.00	9990.00	4078.00	356.00	-60.00	640
C67-10	15060.00	10360.00	3972.00	325.33	-45.00	748
C67-12	15060.00	10360.00	3972.00	138.67	-46.00	792
LH88-10	15280.00	9620.00	4083.00	45.00	-45.00	194
LH88-11	15250.00	10020.00	4073.00	45.00	-45.00	314
LH89-19	15896.59	9817.90	4044.01	135.00	-55.00	262
LH89-20	15875.13	10342.91	3954.98	225.00	-55.00	393
LH89-21	15535.32	8816.05	4028.25	360.00	-55.00	374
A90-1	15160.00	9460.00	4077.00	45.00	-45.00	240
A90-2	15093.92	9820.58	4085.55	5.00	-45.00	525
A90-3	15546.92	9818.10	4050.07	1.00	-45.00	315
A90-4	15465.69	10189.95	4011.25	340.00	-55.00	467
A90-5	15085.57	10237.13	3988.88	347.00	-55.00	467
A90-6	15520.12	9667.87	4067.05	2.00	-55.00	360
A90-7	15279.05	10402.92	3977.92	354.00	-55.00	400
A90-8	14792.71	10624.75	3907.91	25.00	-55.00	465
A90-9	14698.26	10867.52	3816.31	22.50	-55.00	345
A90-10	15820.23	9963.39	4020.91	360.00	-55.00	357
A90-11	13890.81	10710.38	3582.52	45.00	-55.00	510
A90-12	14232.23	10733.52	3764.49	45.00	-55.00	474
A90-13	14502.46	10506.39	3838.60	22.00	-55.00	220
A90-14	14733.78	10186.69	3908.19	45.00	-60.00	505
A90-15	14647.96	10558.98	3880.36	22.00	-60.00	480
A90-16	15396.02	9552.24	4069.91	360.00	-70.00	558
A90-17	15524.56	9368.52	4067.60	360.00	-60.00	400
94-A01	16248.89	9745.28	4047.19	149.00	-45.00	683
94-A02	16753.23	9418.92	3889.58	150.00	-45.00	379
94-A03	16216.82	9300.53	4061.12	180.00	-45.00	773
94-A04	15959.99	10218.19	3978.00	187.63	-48.42	230
94-A05	15497.21	10442.11	3961.82	012.99	-54.01	140
94-A06	15505.90	11051.23	3852.16	328.42	-43.55	845
94-A07	14911.05	10092.36	4003.89	359.65	-44.17	1396
94-A08	14420.56	10108.09	3828.66	001.87	-43.20	836
94-A09	15827.47	9838.94	4035.12	001.35	-48.54	435

TABLE 4.1A(continued)
PRE-1995 DRILL HOLE LOCATIONS

HOLE #	COLLAR NORTHING	COLLAR EASTING	COLLAR ELEVN (FT)	AZM	DIP	LENGTH (FT)
94-A10	15409.02	7629.48	4046.51	000.36	-42.68	1179
94-A11	14988.47	9694.76	4071.68	359.19	-46.38	1169
94-A12	14996.19	9245.48	4054.51	359.82	-44.14	537
94-A13	15437.56	10368.58	3980.37	357.94	-44.00	469
94-A14	15585.31	10319.55	3986.08	359.99	-43.93	254
94-A15	14281.51	10619.30	3784.94	000.57	-46.39	229
94-A16	15257.80	9239.54	4074.90	359.86	-42.79	321
94-A17	14969.05	10616.73	3952.76	359.04	-45.24	729
94-A18	15253.08	8870.68	4049.45	357.78	-46.02	81
94-A19	15230.50	8968.36	4055.05	000.08	-40.53	451
94-A20	14298.90	10686.15	3783.92	359.99	-46.54	236
94-A21	15482.25	8990.26	4064.17	359.02	-45.64	195
94-A22	14406.78	10774.30	3791.05	355.79	-45.78	882
94-A23	15662.24	9650.85	4073.67	358.81	-45.90	460
94-A24	14404.75	11091.71	3766.00	001.25	-46.54	229
94-A25	14607.21	9675.21	3933.57	359.51	-44.34	703
94-A26	14444.00	11091.00	3766.00	001.25	-45.00	229
94-A27	14245.67	10095.54	3778.51	357.91	-48.62	554
94-A28	14598.82	9251.73	3898.61	000.65	-43.03	732
94-A29	14276.92	10328.80	3785.21	357.67	-47.70	749
94-A30	14944.15	11075.07	3823.07	182.62	-43.98	445
94-A31	15632.54	10025.14	4041.62	229.76	-42.74	500
94-A32	15374.00	8939.00	4055.00	180.00	-45.00	194
R94A-01	15552.89	8910.30	4043.58	356.93	-45.34	700
R94A-02	15536.55	9094.83	4050.89	360.00	-45.00	300
R94A-03	15179.88	9710.29	4081.65	360.00	-45.00	700
R94A-04	15343.90	9709.34	4077.40	360.00	-45.00	700
R94A-05	15296.77	9900.31	4079.26	357.77	-44.79	700
R94A-06	15480.73	9886.61	4053.2	360.00	-45.00	700
TOTAL:						21044

Table 4.1b Phase II
RC Drilling Results

PROGRAM	HOLE-ID	HOLE LENGTH (FT)	SAMPLING RESULTS FROM	TO	LENGTH (FT)	CU (%)	AU (PPB)
TONTO TRACK-RC	R95A-07	135	TWINNED 135' OF DDH 94A-11				
	R95A-08	500	TWINNED 500' OF DDH 94A-17				
	R95A-09	455	NO SIGNIFICANT INTERSECTIONS				
	R95A-10	645	105	430	325	0.34	118
	R95A-11	505	255	365	110	0.37	165
			465	495	30	0.51	317
	R95A-12	800	125	215	90	0.35	109
			450	610	160	0.24	89
	R95A-13	660	90	195	105	0.36	156
			465	505	40	0.38	157
	R95A-14	700	60	100	40	0.69	218
			255	335	80	0.32	183
	R95A-15	800	245	290	45	0.24	168
			660	695	35	0.43	147
	R95A-16	575	NO SIGNIFICANT INTERSECTIONS				
	R95A-17	640	NO SIGNIFICANT INTERSECTIONS				
	R95A-18	800	25	160	135	0.33	160
			280	350	70	0.62	217
			415	500	85	0.30	179
	R95A-19	90	ABANDONED AT 90' (THICK OVERBURDEN)				
	R95A-20	800	45	145	100	0.23	144
			215	250	35	0.27	169
			325	380	55	0.37	162
	R95A-21	570	45	100	55	0.27	139
			130	155	25	0.25	119
			480	510	30	0.27	108
	R95A-22	700	215	330	115	0.31	113
	R95A-23	480	130	180	50	0.31	154
	R95A-24	540	30	230	200	0.26	106
		(INCL)	185	230	45	0.45	163
	R95A-25	510	40	100	60	0.27	122
			190	220	30	0.23	139
	R95A-26	700	165	190	25	0.57	260
			440	630	190	0.28	192
		(INCL)	440	495	55	0.47	240
	R95A-27	800	220	480	260	0.42	196
		(INCL)	300	395	95	0.63	289
	R95A-28	600	365	560	195	0.30	142
		(INCL)	445	540	95	0.40	166
	R95A-29	700	NO SIGNIFICANT INTERSECTIONS				

5. Conclusions and Recommendations

5.1 Conclusions

Mineralization in the Copper Mountain area is hosted by Nicola Group volcanic rocks and intrusive rocks of the Lost Horse Intrusive Complex. Mineralization occurs as veins, vein stockworks, fracture filling and zones of disseminated sulphides that are controlled by northwest, northeast and east-west trending structures. Alteration styles within the camp are divided into hornfels, sodic and potassic assemblages and occur in early pervasive forms and later structurally controlled forms. A model for mineralization and alteration that accounts for the alteration and metal zoning in the camp would consist of:

- emplacement of the Copper Mountain, Smelter Lake and Voigt Stocks followed closely by intrusion of initial Lost Horse Intrusive phases (LH1),
- intrusion of LH2 and evolution of hydrothermal fluids,
- migration of hydrothermal fluids outwards from the margin of the Copper Mountain stock, initially along the strongest northwest trending structures (Main Fault) towards Ingerbelle and then along northeast structures.

The Alabama area is underlain by a medium sized, low-grade copper-gold deposit. Resource estimates have been hampered by the morphology of the mineralized zones, extensive post-mineral dykes and relatively wide spaced drill holes. In-situ geological resource estimates vary from 39 million tons grading 0.25% Cu (kriged) and 19 million tons at 0.32% Cu (polygonal).

There is sufficient drilling in the Alabama Zone to give a good indication of the potential global resource. It is unlikely that additional drilling in the main part of the zone will significantly alter the grade and tonnage figures. However, one of the last holes drilled in the 1995 campaign

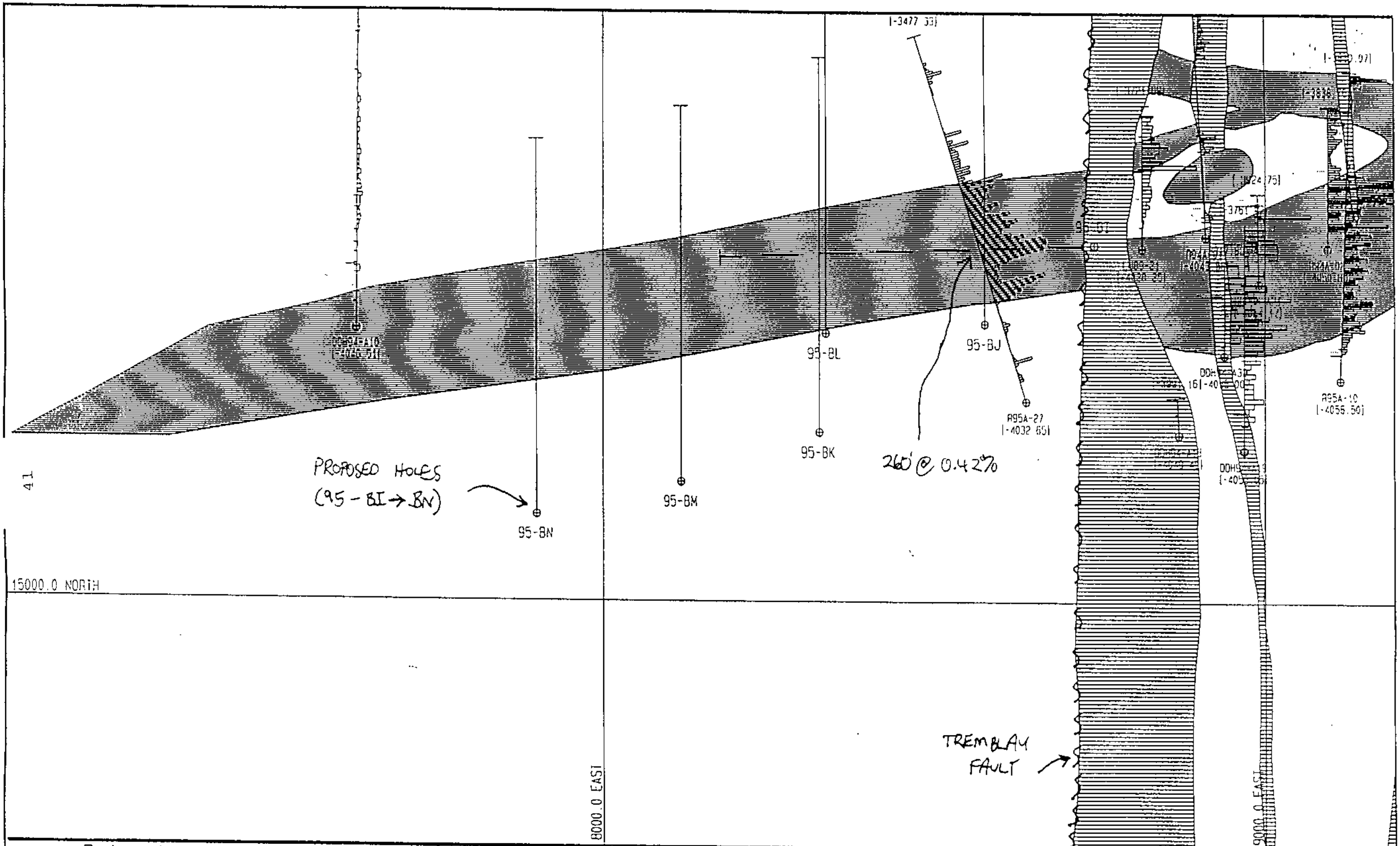
(R95A-27) encountered 260' grading 0.42% (including 95' @ 0.63%). This hole was a step-out hole to the west and the zone remains open in this direction.

5.2 Recommendations

As part of a comprehensive exploration program, the intersection in hole R95A-27 should be followed up with a small program of diamond drilling (6 holes totalling 3500') to determine the extent of this zone of relatively high grade mineralization. The locations for the proposed holes are outlined in Table 5.2a and are shown in Figure 5.0.

Table 5.2a
Proposed Diamond Drill Hole Parameters

HOLE-ID	NORTHING	EASTING	ELEVN.	AZM	DIP	LENGTH
95-BI	15540	8745	4020	268	-45	800
95-BJ	15420	8580	4025	000	-45	800
95-BK	15255	8330	4045	000	-45	800
95-BL	15405	8340	4035	000	-45	800
95-BM	15180	8120	4060	000	-45	800
95-BN	15130	7900	4065	000	-45	800



Princeton Mining Corp.
2000-1055 West Hastings
Vancouver, BC V6E 3V3
DATE: 04/24/95 TIME: 10:54:04
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Software by GEMCOM Services Inc.

Figure 5.0 Proposed Drillholes at the Alabama Zone.

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STATEMENT OF QUALIFICATION

I, Steven J. Blower hereby certify:

1) I am employed as Mine Geologist by Similco Mines, Ltd., P.O. Box 520 Princeton, B.C., V0X 1W0.

2) I graduated from the University of British Columbia in 1988 with a Bachelor of Science degree in Geology and from Queen's University with a Master of Science degree in Geology (Mineral Exploration).

3) I have practiced my profession since 1988.

4) The work in this report was conducted or supervised by myself and/or my immediate supervisor, Peter Holbek.

Dated at Princeton, B.C., this 1st day of September, 1995.

S.J. Blower, M.Sc.

STATEMENT OF QUALIFICATION

I, Peter M. Holbek hereby certify:

1) I am employed as Senior Geologist by Princeton Mining Corporation having an office at 2000, 1055 West Hastings St., Vancouver, B.C. V6E 3V3.

2) I graduated from the University of British Columbia in 1981 with a Bachelor of Science degree in Geology (Hons) and from the University of British Columbia in 1988 with a Master of Science degree in Geology.

3) I am a registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists for the Province of British Columbia.

4) I am a member of the Association of Exploration Geochemists.

5) I have practiced my profession for over 14 years.

6) This report is based on work conducted or supervised by myself in 1994.

Dated at Princeton, British Columbia
this 1st day of September, 1995.

P.M. Holbek, M.Sc., P.Geo.

COST STATEMENT

Alabama

Salaries (2 Geologists, 1 Assistant)		34,400
Supplies		14,300
Fuel		10,700
Drilling Charges		329,700
Equipment Charges (D6 Cat, 235 Excavator, Pick-up)		5,000
	Total:	401,300

APPENDIX 1

ALABAMA DRILL LOGS

SIMIL[illegible] MINES LTD. EXPLORATION
COR[illegible]GGING FORM

HOLE NUMBER	R95A-07
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-07	14998.12	9694.75	4072.69	360°	-45°	135'	RC
LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR			
				TONTO			

TARGET: ALABAMA FILL-IN RC. TWIN.

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT?	OT A	OT2?	OT2A	

LITH
REC
NOT LOGGED BECAUSE IT WAS A TWIN OF A DIAMOND DRILL HOLE. (DDH94A-11).

LITH
REC
HAMMER BROKE OFF AT 135', FORCING ABANDONMENT.

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP.	CU %	AU PPB		
0	15		N/S				
15	20			.10			
	25			.07			
	30			.13			
	35			.06			
	40			.08			
	45			.14			
	50			.06			
	55			.17			
	60			.41			
	65			.31			
	70			.19			
	75			.69			
	80			.11			
	85			.07			
	90			.07			
	95			.05			
	100			.12			
	105			.17			
	110			.37			
	115			.45			
115	120			.32			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-07

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB		
120	125			.28			
125	130			.53			
130	135			.30			
EOH @	135'						

SIMIL[illegible] MINES LTD. EXPLORATION
COR[illegible]GGING FORM

HOLE NUMBER R95A-08
AREA ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-08	14979.55	10612.88	3953.43	356.82	-40.12	500'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET

ALABAMA FILL-IN RC TWIN.

DOWN HOLE SURVEYS

	FT	AZM	DIP
1			
2			
3	NONE		
4			
5			

FROM TO COLR TX 1 TX 2 ST 1 S1 A ST 2 S2 A KF H KF A BI H BI A AL H AL A EP H EP A CY H CY A CB H CB A
CL H CL A CP H CP A BO H BO A PY H PY A MG H MG A ML H ML A OT? OT A OT2? OT2A

LITH NOT LOGGED BECAUSE IT WAS A TWIN OF A DIAMOND
REC DRILL HOLE (DDH 94A-17).

LITH

REC

LITH

REC

LITH

REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	10		NS				
10	15			0.37			
15	20			0.28			
20	25			0.26			
25	30			0.21			
30	35			0.68			
35	40			0.22			
40	45			0.23			
45	50			0.16			
50	55			0.36			
55	60			0.34			
60	65			0.40			
65	70			0.36			
70	75			0.20			
75	80			0.31			
80	85			0.21			
85	90			0.09			
90	95			0.29			
95	100			0.16			
100	105			0.40			
105	110			0.50			
110	115			0.39			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-08

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

CU% SAMP

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
115	120		0.52				
120	125		0.22				
125	130		0.03				
130	135		0.45				
135	140		0.38				
140	145		0.33				
145	150		0.41				
150	155		0.12				
155	160		0.15				
160	165		0.18				
165	170		0.05				
170	175		0.38				
175	180		0.20				
180	185		0.25				
185	190		0.54				
190	195		0.19				
195	200		0.37				
200	205		0.54				
205	210		0.48				
210	215		0.27				
215	220		0.25				
220	225		0.23				
225	230		0.13				
230	235		0.20				
235	240		0.10				
240	245		0.20				
245	250		0.23				
250	255		0.13				
255	260		0.17				
260	265		0.13				
265	270		0.12				
270	275		0.20				
275	280		0.12				
280	285		0.34				

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-08

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

CU% SAMP

FROM	TO	LTH	[redacted]	[redacted]	AU PPB		
285	290		0.19				
290	295		0.25				
295	300		0.17				
300	305		0.27				
305	310		0.29				
310	315		0.21				
315	320		0.26				
320	325		0.37				
325	330		0.25				
330	335		0.23				
335	340		0.20				
340	345		0.26				
345	350		0.21				
350	355		0.20				
355	360		0.13				
360	365		0.20				
365	370		0.17				
370	375		0.17				
375	380		NS				
380	385		0.10				
385	390		0.10				
390	395		0.04				
395	400		0.15				
400	405		0.10				
405	410		0.05				
410	415		0.03				
415	420		0.04				
420	425		0.07				
425	430		0.03				
430	435		0.17				
435	440		0.20				
440	445		0.11				
445	450		0.11				
450	455		0.14				

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

CU% [illegible]

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
455	460		0.10				
460	465		0.08				
465	470		0.06				
470	475		0.07				
475	480		0.13				
480	485		0.12				
485	490		0.08				
490	495		0.10				
495	500		0.15				
EOH			500!				

SIMIL[illegible] MINES LTD. EXPLORATION
COR[illegible]GGING FORM

QUICK-LOG FOR LITHOLOGY [illegible]Y.

HOLE NUMBER	R95A-99
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-99	14896.62	10306.47	3933.84	360°	-45.00	455	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET: ALABAMA FILL-IN REVERSE CIRCULATION DRILLING

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	10																			
LITH	OVER																			
REC																				
10	405																			
LITH	LH2O																			
REC																				
405	450																			
LITH	RHYL																			
REC																				
450	455																			
LITH	LH2O																			
REC																				

EOH@455'.

SAMPLING

FROM	TO	LTH	[redacted] CU%	[redacted]	AU PPB		
0	10		NS		N/S		
10	15		.19		140		
15	20		.08		48		
20	25		.09		45		
25	30		.06		34		
30	35		.06		50		
35	40		.19		140		
40	45		.03		34		
45	50		.08		47		
50	55		.05		30		
55	60		.02		16		
60	65		.03		26		
65	70		.06		53		
70	75		.06		60		
75	80		.11		85		
80	85		.22		105		
85	90		.13		95		
90	95		.25		90		
95	100		.17		62		
100	105		.06		17		
105	110		.24		95		
110	115		.09		31		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-09

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
115	120		.06		105		
120	125		.06		.51		
125	130		.26		120		
130	135		.12		60		
135	140		.12		70		
140	145		.06		28		
145	150		.04		18		
150	155		.17		52		
155	160		.11		63		
160	165		.13		47		
165	170		.08		40		
170	175		.05		40		
175	180		.17		80		
180	185		.29		150		
185	190		.30		95		
190	195		.23		90		
195	200		.31		130		
200	205		.16		90		
205	210		.04		16		
210	215		.05		11		
215	220		.05		6		
220	225		.04		46		
225	230		.04		25		
230	235		.05		29		
235	240		.12		70		
240	245		.08		42		
245	250		.04		30		
250	255		.35		90		
255	260		.35		115		
260	265		.46		170		
265	270		.09		65		
270	275		.12		52		
275	280		.15		75		
280	285		.10		47		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

(3% [illegible]

FROM	TO	LTH	[redacted]	[redacted]	AU PPB		
295	290		.05		24		
290	295		.05		29		
295	300		.06		39		
300	305		.06		46		
305	310		.07		28		
310	315		.23		130		
315	320		.30		190		
320	325		.14		150		
325	330		.11		67		
330	335		.15		66		
335	340		.09		43		
340	345		.02		28		
345	350		.02		32		
350	355		.01		38		
355	360		.02		22		
360	365		.05		35		
365	370		.06		54		
370	375		.17		95		
375	380		.35		180		
380	385		.32		150		
385	390		.31		170		
390	395		.10		37		
395	400		.08		23		
400	405		.52		210		
405	410		.13		63		
410	415		.08		51		
415	420		.09		36		
420	425		.11		56		
425	430		.07		15		
430	435		.18		110		
435	440		.28		80		
440	445		.06		54		
445	450		.11		25		
450	455		.21		70		

EOH 455!

SIMILCO [illegible]ES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER	R95A-10
AREA	ALABAMA RC

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-10	15336.29	9114.03	4056.50	001.78	-43.8	640	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 20/95	FEB. 6/95	FEB. 8/95	TONTO

TARGET
ALABAMA IN-FILL DRILLING

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	55																			
LITH	OVER	CASING THROUGH OVERBURDEN																		
REC																				
55	70	5R							P	10										
							D	0.3			D	2								
LITH	LH2	MED. GRAINED L.H. DIORITE WITH TRACE CPY AND 2% PYRITE, NO OXIDATION.																		
REC																				
70	100	3A							P	2					V	2				
							D	0.3			D	3								
LITH	ANDS	FINE TO MED. DARK GREY ANDESITE																		
REC																				
100	425								P	4					V	4				
							D	1			D	3								
LITH	ANDS	20% LH2 DIORITE (POTASSIC ALT'D.) + 80% DARK ANDESITE																		
REC		(380-420: 2% CPY).																		

SAMPLING

CU% SAMP

FROM	TO	LTH	[redacted]	[redacted]	AU PPB		
0	55		NS		.		
55	60		.02		23		
60	65		.07		50		
65	70		.09		40		
70	75		.04		30		
75	80		.09		53		
80	85		.09		43		
85	90		.12		55		
90	95		.11		62		
95	100		.16		90		
100	105		.15		80		
105	110		.35		130		
110	115		.27		105		
115	120		.29		160		
120	125		.26		180		
125	130		.25		115		
130	135		.15		105		
135	140		.19		110		
140	145		.18		100		
145	150		.21		90		
150	155		.16		76		
155	160		.26		115		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R954-10

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
425	615																			
615	640						D	1			D	2								

425–615
LITH: RHYL — PALE, CREAMY WHITE FELSIC DYKE.
REC:

615–640
LITH: ANDS — DARK ANDESITE WITH 20% LH DYKE MATERIAL
REC:

LITH:
REC:

EOH @ 640'.

LITH:
REC:

LITH:
REC:

LITH:
REC:

SAMPLING

CU% SAMP

FROM	TO	LTH	[redacted]		AU PPB		
160	165		.42		200		
165	170		.45		205		
170	175		.27		130		
175	180		.20		120		
180	185		.15		95		
185	190		.14		90		
190	195		.11		79		
195	200		.13		78		
200	205		.24		110		
205	210		.16		85		
210	215		.17		80		
215	220		.15		75		
220	225		.29		110		
225	230		.21		85		
230	235		.37		140		
235	240		.29		120		
240	245		.22		105		
245	250		.19		95		
250	255		.24		120		
255	260		.35		160		
260	265		.22		105		
265	270		.13		73		
270	275		.19		95		
275	280		.56		250		
280	285		.19		72		
285	290		.17		88		
290	295		.39		205		
295	300		.18		100		
300	305		.26		105		
305	310		.40		95		
310	315		.22		68		
315	320		.19		57		
320	325		.04		34		
325	330		.11		80		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-10

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

CU% SAMP

FROM	TO	LITH	[redacted]		AU PPB		
330	335		.09		38		
335	340		.07		136		
340	345		.12		72		
345	350		.11		58		
350	355		.23		95		
355	360		.22		75		
360	365		.23		52		
365	370		.23		70		
370	375		.26		120		
375	380		.44		160		
380	385		.72		120		
385	390		1.55		200		
390	395		1.01		220		
395	400		2.03		240		
400	405		.46		120		
405	410		.44		90		
410	415		.52		105		
415	420		1.64		480		
420	425		.78		200		
425	430		.27		140		
430	435		.15		62		
435	440		.02		N/A		
440	445		.02		N/A		
445	450		.01		N/A		
450	455		.05		N/A		
455	460		.01		N/A		
460	465		.02		N/A		
435	570		Dyke		N/A		
570	575		.04		10		
575	580		.03		19		
580	585		.02		38		
585	590		.02		70		
590	595		.03		34		
595	600		.01		32		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-10

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

CU% SAMP

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
600	605		.03		22		
605	610		.02		33		
610	615		.02		20		
615	620		.18		58		
620	625		.14		49		
625	630		.18		73		
630	635		.57		180		
635	640		.17		90		
EOH		640					

SIMILCO[illegible]ES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER	R95A-11
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-11	15120.57	9446.14	4069.68	357.97	-44.54	505	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 21/95	FEB. 9/95	FEB. 11/95	TONTO

TARGET
ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	25																			
25	220	RA							P	10					V	2				
							D	0.1			D	0.3	D	3	D	0.1	L1	2		
220	250	3A																		
							D	0.3			D	0.3	D	3						
250	320	3A																		
							D	1			D	1	D	3						

0–25
LITH: OVER — CASING THROUGH OVERBURDEN
REC:

25–220
LITH: LH20 — PINKISH-RED MED. GRAINED LOST HORSE DIORITE WITH TRACE MALACHITE AND CPY. INTENSE POTASSIC (PERVASIVE) ALTN. ~20% OXIDATION @ COLLAR, DOWN TO NO OXIDATION BY 100'. 30% ANDL. DYKE @ 115-120'. LOCAL 5-10' INTERVALS CONTAIN UP TO 1% CPY.
REC:

220–250
LITH: ANDS — GREY WITH MINOR PINK LH CHIPS (~10%). 0.3% CPY AND 0.3% PYRITE.
REC:

250–320
LITH: ANDS — GREY-GREEN ANDESITE AND 30% PINK LH DIORITE WITH 1% CPY AS MED. DISSEMS AND MINOR VEINS WITH 1% PY.
REC:

SAMPLING

CU% SAMP

FROM	TO	LTH	[redacted]		AU PPB		
0	25		NS		-		
25	30		.04		17		
30	35		.01		22		
35	40		.01		24		
40	45		.01		11		
45	50		.01		10		
50	55		.12		44		
55	60		.12		59		
60	65		.15		55		
65	70		.12		60		
70	75		.07		35		
75	80		.14		90		
80	85		.06		58		
85	90		.03		18		
90	95		.02		20		
95	100		.09		39		
100	105		.33		180		
105	110		.08		68		
110	115		.22		160		
115	120		.16		90		
120	125		.15		100		
125	130		.27		180		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
320	305	RA	mG						P	10										
							D	1			D	1								

LITH LH20 MED-GRAINED, PINK-RED DIORITE WITH 1% CPY AND 1% PYRITE
REC

LITH
REC

EOH @ 305'.

LITH
REC

TRICONE CAME APART DOWN THE HOLE, & THEREFORE THE HOLE HAD TO BE ABANDONED.

LITH
REC

LITH
REC

LITH
REC

SAMPLING

Cu% SAMP

FROM	TO	LTH	[redacted]		AU PPB		
130	135		.13		120		
135	140		.24		160		
140	145		.05		23		
145	150		.13		59		
150	155		.04		28		
155	160		.08		62		
160	165		.12		67		
165	170		.07		59		
170	175		.14		47		
175	180		.12		29		
180	185		.20		105		
185	190		.09		30		
190	195		.06		15		
195	200		.12		120		
200	205		.15		70		
205	210		.09		95		
210	215		.20		110		
215	220		.11		105		
220	225		.08		42		
225	230		.08		46		
230	235		.11		90		
235	240		.14		95		
240	245		.11		68		
245	250		.11		95		
250	255		.18		140		
255	260		.30		190		
260	265		.25		150		
265	270		.17		140		
270	275		.48		160		
275	280		.39		120		
280	285		.60		180		
285	290		.61		340		
290	295		.44		220		
295	300		.21		90		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-11

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

Cu% SAND

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
300	305		.22		100		
305	310		1.05		510		
310	315		1.06		460		
315	320		.49		280		
320	325		.23		95		
325	330		.15		47		
330	335		.10		32		
335	340		.25		75		
340	345		.24		80		
345	350		.10		45		
350	355		.25		85		
355	360		.22		90		
360	365		.31		150		
365	370		.17		85		
370	375		.17		120		
375	380		.19		95		
380	355		.15		37		
385	390		.21		68		
390	395		.19		130		
395	400		.13		90		
400	405		.12		110		
405	410		.19		140		
410	415		.12		95		
415	420		.07		42		
420	425		.17		75		
425	430		.14		51		
430	435		.02		7		
435	440		.35		160		
440	445		.10		48		
445	450		.09		43		
450	455		.08		64		
455	460		.19		80		
460	465		.17		105		
465	470		.62		150		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-11

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

Cu% SAMP

FROM	TO	LTH	[redacted]		AU PPB		
470	475		.66		210		
475	490		.51		80		
480	485		.49		1160		
485	490		.57		160		
490	495		.22		140		
495	500		.13		57		
500	505		.15		90		
EOH		505!					

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER	R95A-12
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-12	11950.43	9891.02	4064.42	355.09	-42.88	800	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 21/95	FEB. 11/95	FEB. 12/95	JONTO

TARGET
ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	15																			
15	55	RA	MG																	
							D	0.1			D	0.2	D	2	D	TR	LI	2		
55	120	SA	FG																	
							D	0.1			D	0.2	D	2						
120	200	SA	FG																	
							D	1			D	1	D	2						

0–15
LITH: OVER — CASING THROUGH OVERBURDEN
REC:

15–55
LITH: LHSD — MED. GRAINED, PINK-RED DIORITE WITH TRACES OF PYRITE AND CPY AND 2% LIMONITE @ THE COLLAR (10% OXIDATION @ THE COLLAR, GONE @ 60'.)
REC:

55–120
LITH: ANDS — FINE, GREEN ANDESITE WITH TRACES OF CPY AND PYRITE. MINOR OXIDATION @ 100 - 105'.
REC:

120–200
LITH: ANDS — FINE GREEN ANDS WITH 1% CPY AND 1% PYRITE AS FINE TO MED. DISSEMS. AND 1-2mm VEINS.
REC:

SAMPLING

CU% SAMP

FROM	TO	LTH	[redacted]	[redacted]	AU PPB		
0	15		NS				
15	20		.15		90		
20	25		.13		5[redacted]		
25	30		.10		45		
30	35		.10		75		
35	40		.08		59		
40	45		.08		51		
45	50		.16		71		
50	55		.28		115		
55	60		.19		55		
60	65		.07		31		
65	70		.16		60		
70	75		.11		53		
75	80		.19		190		
80	85		.15		56		
85	90		.14		44		
90	95		.10		95		
95	100		.10		38		
100	105		.14	[redacted]	78[redacted]		
105	110		.11		43		
110	115		.11		30		
115	120		.09		35		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-12

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
200	225	5R	MG						P	10										
							D	0.5			D	1								
LITH	LH2D	INTENSE POTASSIC FSPAR ALTERED LH2D WITH 0.5% FINE, DISSEM. CPY.																		
REC		220-225' CONTAINS 20% RHYOLITE DYKE CHIPS.																		
225	300	9A																		
							D	0.2												
LITH	RHYL	80% BUFF-GREY RHYOLITE DYKE CHIPS MIXED WITH 20% PINK-RED LH2 CHIPS.																		
REC		TRACES OF CPY IN THE LH2 CHIPS.																		
300	350	5A																		
							D	0.3												
LITH	ANDS	DARK GREY ANDS (80%) WITH 20% LH2 (PINK-RED) CHIPS. 0.3% FINE, DISS. CPY.																		
REC																				
350	390	5A																		
							D	0.5												
LITH	ANDS	DARK GREY ANDESITE (60%) WITH 20% LH2 CHIPS AND 20% RHYL. DYKE CHIPS.																		
REC		0.5% FINE, DISS. CPY																		
390	550	5A																		
							D	0.5												
LITH	ANDS	DARK GREY, FINE ANDESITE WITH 0.5% FINE, SPORADICALLY DISSEM. CPY.																		
REC		ABOUT 5-10% PINK HORSE CHIPS. LOCAL EPIDOTE VEINS <1mm THICK.																		
550	570	3A	FG																	
LITH	BSLT	BLACK - DARK GREY, FINE BASALT (?) DYKE.																		
REC																				

SAMPLING

CU% SAMP

FROM	TO	LITH	[redacted]	[redacted]	AU PPB		
120	125		.18		85		
125	130		.25		90		
130	135		.24		80		
135	140		.30		90		
140	145		.45		180		
145	150		.25		120		
150	155		.21		95		
155	160		.15		100		
160	165		.11		85		
165	170		.21		105		
170	175		.17		100		
175	180		.13		58		
180	185		.11		40		
185	190		1.25		310		
190	195		.48		180		
195	200		.43		75		
200	205		.35		150		
205	210		.44		60		
210	215		.40		50		
215	220		[illegible]		26		
220	225		.15		22		
225	230		.08		15		
230	235		.08		10		
235	240		.05		9		
240	245		.05		12		
245	250		.03		11		
250	255		.04		6		
255	260		.07		15		
260	265		.09		24		
265	270		.08		19		
270	275		.11		77		
275	280		.23		68		
280	285		.23		39		
285	290		.14		27		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-12

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
570	630	5A																		
							D	05			D	1								

LITH Ands — DARK GREY ANDESITE WITH 0.5% FINE, DISSEM. CPY
REC

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
630	660	RA	MG						P	10										
							D	0.2			D	0.1								

LITH LH2O — PINK-RED LH2 DIORITE WITH TRACES OF CPY AND INTENSE, PERVASIVE POTASSIC ALTERATION.
REC

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
660	670	5A																		
							D	05												

LITH Ands — DARK GREY ANDESITE WITH 0.5% FINE, DISSEM. CPY.
REC

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
670	800	RA							P	6										
							D	0.2			D	1								

LITH LH2O — 70% LOST HORSE DIORITE WITH 30% DARK, FINE ANDESITE AND 0.2% FINE CPY AND 1% PYRITE.
REC

LITH
REC — EOH @ 800'.

LITH
REC

SAMPLING

FROM	TO	LTH	[redacted] CU%	SAMP	AU PPB		
290	295		.10		27		
295	300		.05		14		
300	305		.14		95		
305	310		.12		34		
310	315		.13		38		
315	320		.09		24		
320	325		.11		51		
325	330		.18		35		
330	335		.19		35		
335	340		.14		26		
340	345		.12		32		
345	350		.16		50		
350	355		.03		13		
355	360		.05		12		
360	365		.20		51		
365	370		.16		90		
370	375		.20		130		
375	380		.30		120		
380	385		.22		100		
385	390		.32		120		
390	395		.12		33		
395	400		.14		51		
400	405		.15		76		
405	410		.13		36		
410	415		.10		24		
415	420		.11		37		
420	425		.38		120		
425	430		.18		79		
430	435		.11		42		
435	440		.13		46		
440	445		.09		35		
445	450		.13		28		
450	455		.51		140		
455	460		.21		80		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-12

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
460	465			.13	45		
465	470			.10	41		
470	475			.74	240		
475	480			.37	120		
480	485			.19	68		
495	490			.22	85		
490	495			.15	68		
495	500			.06	25		
500	505		NS		30		
505	510		NS		40		
510	515			.17	40		
515	520			.12	63		
520	525			.06	23		
525	530			.22	72		
530	535		NS				
535	540			.35	135		
540	545			.27	90		
545	550			.36	140		
550	555			.04	24		
555	560			.02	12		
560	565			.02	15		
565	570			.04	20		
570	575			.15	80		
575	580			.16	65		
580	585			.34	110		
585	590			.44	180		
590	595			.56	245		
595	600			.42	240		
600	605			[illegible]	130		
605	610			.28	100		
610	615			.04	14		
615	620			.26	80		
620	625			.15	67		
625	630			.20	90		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-12

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH

REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
630	635			.21	95		
635	640			.10	49		
640	645			.08	50		
645	650			.06	80		
650	655			.08	32		
655	660			.08	95		
660	665			.39	130		
665	670			.34	210		
670	675			.12	60		
675	680			.14	95		
680	685			.11	90		
685	690			.08	80		
690	695			.09	32		
695	700			.12	75		
700	705			.11	145		
705	710			.07	140		
710	715			.06	47		
715	720			.06	30		
720	725			.03	19		
725	730			.03	24		
730	735			.05	20		
735	740			.05	62		
740	745			.08	51		
745	750			.03	37		
750	755			.10	75		
755	760			.10	36		
760	765			.10	28		
765	770			.08	28		
770	775			~~.08~~	36		
775	780			.12	60		
780	785			.07	24		
785	790			.10	72		
790	795			.13	80		
795	800			.17	50		

EOH 800'

SIMILCO MINES LTD. EXPLORATION	HOLE NUMBER	R95A-13	PAGE 1 OF 4
CORE LOGGING FORM	AREA	ALABAMA RC	

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-13	14498.40	10944.02	3779.21	356.59	-43.59	660	RC
LOGGED BY	**DATE LOGGED**	**DATE BEGUN**	**DATE COMPLETE**	**CONTRACTOR**			
SJB	MARCH 22/95	FEB. 13/95	FEB. 16/95	TONTO			
TARGET							
ALABAMA FILL-IN							

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	65																			
LITH	OVER	CASING THROUGH OVERBURDEN																		
REC																				
65	195	RA							P	10										
							D	05			D	3	D	2						
LITH	LH2	INTENSELY POTASSIC FSPAR ALTERED DIORITE WITH 0.5% CPY. NO OXIDATION. ONLY 2% FINE, DISSEM. MAGNETITE (Cu IS NOT ASSOCIATED WITH MAG. VEINS).																		
REC																				
195	225	7A	CG	PP																
LITH	RHYL	LIGHT GREENISH-GREY PORPHYRITIC (KSPAR PHYRIC), RELATIVELY UNALTERED DYKE (?). 'GREENISH CASTE' IS CAUSED BY VERY FINE NETWORK OF ACICULAR																		
REC																				
225	465	RA	MG						P	6										
							D	0.1			D	2								
LITH	LH20	REDDISH GREY, MODERATE PERVASIVE POTASSIC ALTN. TRACES OF CPY (EXCEPT 3% CPY @ 365-370') AND 2% PYRITE THROUGHOUT. THE HIGH GRADE MIN'N. IS ASS'D. WITH A LACK OF PINK PERVASIVE KSPAR ALTN.																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
0	65		NS		
65	70			.22	165
70	75			.19	160
75	80			.18	130
80	85			.17	120
85	90			.17	620
90	95			.32	140
95	100			.24	75
100	105			.24	95
105	110			.18	180
110	115			.07	45
115	120			.09	55
120	125			.27	80
125	130			.17	75
130	135			.35	180
135	140			.42	175
140	145			.42	180
145	150			.26	150
150	155			.28	160
155	160			.25	120
160	165			.38	160
165	170			.90	280

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R954-13

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
465	505	AR							P	5										
							D	0.5			D	2								

LITH LH20 LH DIORITE, MODERATE PERVASIVE POTASSIC ALTN WITH 0.5% CPY AS FINE DISSEMS. AND 2% PY.

REC

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
505	660	AR							P	5										
							D	0.2			D	2								

LITH LH20 GREY-PINK DIORITE WITH MODERATE PERVASIVE POTASSIC ALTN. 0.2% CPY AS FINE DISSEMS. AND 2% PYRITE. THE LAST SAMPLE (655-660) CONTAINS 4% PYRITE AND INTENSE ALBITE ALTN.

REC

EOH @ 660'

LITH

REC HOLE TIGHT @ 660'. DECIDE TO STOP TO AVOID LOSING EQPT. DOWN THE HOLE

LITH

REC

LITH

REC

LITH

REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
170	175			.81	340		
175	180			1.00	280		
180	185			.39	200		
185	190			.28	160		
190	195			.20	150		
195	200			.18	130		
200	205			.01	[illegible]		
205	210			.01	[illegible]		
210	215			ø	[illegible]		
215	220			.01			
220	225			.03	[illegible]		
225	230			.19	[illegible]		
230	235			.18	[illegible]		
235	240			.04	[illegible]		
240	245			.04			
245	250			.05			
250	255			.07			
255	260			.16			
260	265			.09			
265	270			.08			
270	275			.05			
275	280			.07			
280	285			.07			
285	290			.05			
290	295			.02			
295	300			.04			
300	305			.03			
305	310			.01			
310	315			.04			
315	320			.04			
320	325			.09			
325	330			.08			
330	335			.03			
335	340			.03			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-13

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB
340	345			.36	85
	350			.11	39
	355			.11	165
	360			.12	46
	365			.34	69
	370			1.22	440
	375			.21	190
	380			.08	1
	385			.06	
	390			.08	
	395			.23	
395	400			.10	
	405			.04	
	410			.04	
	415			.03	
	420			.07	
	425			.12	
	430			.17	
	435			.29	
	440			.18	
	445			.10	
	450			.09	
	455			.14	
	460			.18	
	465			.15	
	470			.37	180
	475			.35	130
	480			.59	410
	485			.17	80
	490			.26	140
	495			.53	135
495	500			.60	120
500	505			.19	63
505	510			.15	53

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-13

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
510	515			.10	37
	520			.19	[illegible]
	525			.20	120
	530			.15	38
	535			.14	52
	540			.12	28
	545			.23	70
	550			.13	53
	555			.08	
	560			.03	
	565			.07	
	570			.17	
	575			.08	
	580			.07	
	585			.10	
	590			.40	
	595			.09	
595	600			.08	
	605			.03	
	610			.09	
	615			.11	
	620			.07	
	625			.08	
	630			.04	
	635			.07	
	640			.03	
	645			.10	
	650			.13	
	655			.15	
655	660			.11	
EOH					

SIMILCO MINES LTD. EXPLORATION CORE LOGGING FORM	QUICK ... 64	HOLE NUMBER R95A-14	PAGE 1 OF 5
		AREA ALABAMA	

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-14	14614.49	10726.60	3843.37	355.58	-42.61	700	RC
LOGGED BY	**DATE LOGGED**	**DATE BEGUN**		**DATE COMPLETE**	**CONTRACTOR**		
SJB					TONTO		

TARGET
ALABAMA FILL-IN.

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	None		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	15																			
LITH	OVER	CASING THROUGH OVERBURDEN																		
REC																				
15	25	5R							P	8										
																	Li	4		
LITH	LH20	60% PERVASIVELY POTASSIC ALT'D. DIORITE AND 40% BROWN FINE DYKE MATERIAL (RHYOLITE ?). TRACE CPY IN THE DIORITE, NONE IN THE DYKE. 40% OXIDATION																		
REC																				
25	75	5R	CG	PP					P	10										
							D	0.3					D	1						
LITH	LH20	INTENSE POTASSIC (FSPAR) ALTN IN A MED. TO COARSE DIORITE.																		
REC																				
75	100	3A																		
							D	2			D	4	P	20						
LITH	LH20	PORPHYRITIC DIORITE, CUT BY ONE OR MORE MASSIVE MAGNETITE/SULPHIDE VEINS WITH 1% CPY AND 2% PYRITE.																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
0	15		NS		
15	20			.16	105
20	25			.15	~~6~~
25	30			.04	7
30	35			.09	65
35	40			.02	10
40	45			.03	7
45	50			.11	68
50	55			.19	85
55	60			.08	40
60	65			.20	65
65	70			.17	75
70	75			.30	85
75	80			.64	210
80	85			1.13	430
85	90			.97	420
90	95			1.17	320
95	100			.96	140
100	105			~~.11~~	26
105	110			.08	18
110	115			.04	28
115	120			.05	59

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
100	205	5A	MG	PP					P	3										
							D	0.1			D	4								
205	260	5A	MG	PP					P	4										
							D	1			D	2	D	1						
260	285	RA	MG	PP					P	10										
							D	1			D	2	D	1						
285	335	5A	MG	PP					P	3										
							D	1			D	2								
335	475	5A	MG	PP					P	3										
							D	0.3			D	2								
475	530	3A	FG																	
																	HE	1		

100–205
LITH: LH20 — MEDIUM GREY, MED. GRAINED DIORITE WITH WEAK PERVASIVE POTASSIC ALTN AND TRACES OF CPY AND 4% MED. DISSEM. PYRITE. TRACES OF OXIDATION UNTIL 160'.
REC:

205–260
LITH: LH20 — MEDIUM GREY WITH SOME PINK POTASSICALLY ALTERED CHIPS AND 1% FINE DISSEM. CPY AND 2% FINE TO MED. PYRITE. 1% DISSEM. MAGNETITE.
REC:

260–285
LITH: LH20 — RED-GREY DIORITE WITH INTENSE POTASSIC ALTN AND SPORADIC CPY MIN'N. (~ 1% OVERALL).
REC:

285–335
LITH: LH20 — GREY WITH MINOR RED-PINK DIORITE, WITH 1% CPY AND 2% PYRITE.
REC:

335–475
LITH: LH20 — GREY AND MINOR RED-PINK DIORITE WITH 0.3% CPY AND 2% PYRITE.
REC:

475–530
LITH: BSLT — FINE, DARK GREY BASALT (?) DYKE WITH 1% HEMATITE AS FINE DISSEMS.
REC:

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.05	12		
125	130			.06	22		
130	135			.04	15		
135	140			.05	18		
140	145			.15	42		
145	150			.03	8		
150	155			.06	57		
155	160			.03	13		
160	165			.03	14		
165	170			.04	9		
170	175			.03	51		
175	180			.04	85		
180	185			.08	35		
185	190			.27	46		
190	195			.16	28		
195	200			.09	30		
200	205			.10	23		
205	210			.16	35		
210	215			.15	38		
215	220			.16	45		
220	225			.07	23		
225	230			.04	16		
230	235			.03	50		
235	240			.19	160		
240	245			.11	790		
245	250			.15	65		
250	255			.09	45		
255	260			.19	85		
260	265			.46	160		
265	270			.51	150		
270	275			.25	120		
275	280			.03	39		
280	285			.03	85		
285	290			.24	810		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
530	640	5A							P	3										
							D	0.2					D	4						
640	660	7A																		
660	700	5A							P	3										
							D	0.2			D	3	D	4						

530–640
LITH LH20 MED. GREY LH2 DIORITE WITH 10% ANDESITE CHIPS. WEAK PERVASIVE POTASSIC
REC ALTN. LOCAL 5-15' ZONES CONTAIN 1% CPY (ESPECIALLY 625-640)

640–660
LITH RHYL BUFF/PINK RHYOLITE DYKE WITH FINE NETWORK OF ACICULAR ACTINOLITE.
REC

660–700
LITH LH20 MED. GREY WITH MINOR PINK KSPAR ALT'D. PORTIONS AND 0.2% FINE
REC CPY, AND 3% PYRITE. 5% BLACK BASALT CHIPS.

LITH
REC POH @ 700'.

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
290	295			.32	160
295	300			.43	150
300	305			.72	250
305	310			.55	240
310	315			.36	160
315	320			.28	110
320	325			.25	220
325	330			.25	105
330	335			.28	80
335	340			.08	32
340	345			.18	60
345	350			.16	41
350	355			.14	22
355	360			.17	10
360	365			.08	23
365	370			.10	18
370	375			.34	120
375	380			.10	60
380	385			.02	10
385	390			.03	15
390	395			.11	45
395	400			.16	105
400	405			.34	130
405	410			.38	130
410	415			.21	80
415	420			.17	110
420	425			.13	130
425	430			.07	75
430	435			.12	30
435	440			.08	42
440	445			.26	140
445	450			.05	35
450	455			.08	32
455	460			.14	75

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-14

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
460	465			.13	50		
465	470			.11	35		
470	475			.12	45		
475	480			.38	180		
480	485			.02	14		
485	490			.04	29		
490	495			.04	27		
495	500			.05	22		
500	505			.04	19		
505	510	A		.01	27		
505	510	B		.01	13		
510	515			.04	25		
515	520			.01	6		
520	525			.04	21		
525	530			.04	15		
530	535			.09	35		
535	540			.03	13		
540	545			.02	20		
545	550			.05	23		
550	555			.13	49		
555	560			.12	50		
560	565			.06	22		
565	570			.10	840		
570	575			.06	38		
575	580			.22	10		
580	585			.18	86		
585	590			.32	150		
590	595			.07	24		
595	600			[illegible]	58		
600	605			.04	23		
605	610			.05	33		
610	615			.11	27		
615	620			.16	51		
620	625			.04	26		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95-A14

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
625	630			.38	105
630	635			.43	2[illegible]
635	640			.39	140
640	645			.04	45
645	650			.03	14
650	655			.04	43
655	660			.02	14
660	665			.05	14
665	670			.39	27
670	675			.19	50
675	680			.13	24
680	685			.08	95
685	690			.06	[illegible]
690	695			.04	12
695	700			.06	32
EOH					

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER	R95A-15
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-15	15336.26	9434.63	4070.97	358.64	-45.28	800	RC
LOGGED BY	**DATE LOGGED**	**DATE BEGUN**	**DATE COMPLETE**	**CONTRACTOR**			
SJB	MARCH 23/95			TONTO			
TARGET							
ALABAMA FILL-IN.							

DOWN HOLE SURVEYS

	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	45																			
LITH	CASE	CASING THROUGH OVERBURDEN																		
REC																				
45	495	RA	MG						P	6					V	2				
							D	0.2			D	1								
LITH	LH20	TRACE CPY AS FINE DISSEMS. WITH 1% PYRITE IN A WEAK TO MODERATE PINK POTASSIC FSPAR ALTERED PORPHYRITIC DIORITE. LOCAL HIGHER CONCENTS OF CPY OVER 5-15' ASSOCIATED WITH EPIDOTE VEINS. ZONES OF BLEACHED WHITE (ALBITIZED ?) AND DEEP RED KSPAR ALTN CORRELATE WITH A LACK OF CPY.																		
REC																				
495	535	3A													V	3				
							D	1			D	4	M	20						
LITH	LHBD	L.H. DIORITE WITH ONE OR MORE MASSIVE MAGNETITE / SULPHIDE VEINS (70% OF THE CHIPS ARE MASS. MAG./SX). CONTAINING 1% CPY AND 4% PYRITE																		
REC																				
535	660	RA	MG						P	6					V	2				
							D	0.2			D	1								
LITH	LH20	PINK-GREY DIORITE, MODERATELY POTASSIC ALTERED WITH 0.2% CPY AS FINE DISSEMS. + 1% PYRITE.																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
0	45		NS		
45	50			.09	
50	55			.12	
55	60			.08	
60	65			.10	
65	70			.37	
70	75			.10	
75	80			.09	
80	85			.08	
85	90			.15	
90	95			.10	
95	100			.08	
100	105			.76	
105	110			.10	
110	115			.07	
115	120			.05	
120	125			.02	
125	130			.01	
130	135			.04	
135	140			.09	
140	145			.09	
145	150			.20	

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
660	700	BA							P	6										
							D	1			D	3	V	10						
700	800	3A							P	2										
													D	4						

660–700

LITH: L420

REC:

ZONE OF MAGNETITE/SULPHIDE VEINING WITHIN POTASSICALLY ALTERED L.H. DIORITE WITH 1% CPY AND 3% PYRITE AS FINE TO MED. DISSEM'S. COMMONLY WITHIN MASS. MAGNETITE.

700–800

LITH: L420

REC:

LOST HORSE DIORITE WITH 2% WEAK PERVASIVE POTASSIC ALTN AND 4% MAGNETITE THROUGHOUT. 0.5% CPY AS FINE TO MED. DISSEMS. (LOOKS LIKE MORE Cu THAN THE ASSAYS INDICATE.).

LITH:

EOH @ 800'.

REC:

LITH:

REC:

LITH:

REC:

LITH:

REC:

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
150	155			.28			
155	160			.23			
160	165			.11			
165	170			.06			
170	175			.07			
175	180			.07			
180	185			.05			
185	190			.06			
190	195			.20			
195	200			.31			
200	205			.09			
205	210			.12			
210	215			.14			
215	220			.18			
220	225			.06			
225	230			.05			
230	235			.06			
235	240			.04			
240	245			.06			
245	250			.41	250		
250	255			.19	90		
255	260			.22	220		
260	265			.09	54		
265	270			.29	115		
270	275			.15	120		
275	280			.11	120		
280	285			.12	100		
285	290			.59	440		
290	295			.06	56		
295	300			.16			
300	305			.10			
305	310			.04			
310	315			.05			
315	320			.07			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-15

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
320	325			.07			
325	330			.11			
330	335			.11			
335	340			.15			
340	345			.13			
345	350			.10			
350	355			.09			
355	360			.13			
360	365			.09			
365	370			.06			
370	375			.04			
375	380			.07			
380	385			.07			
385	390			.06			
390	395			.06			
395	400			.10			
400	405			.11			
405	410			.11			
410	415			.10			
415	420			.06			
420	425			.09			
425	430			.10			
430	435			.10			
435	440			.09			
440	445			.08			
445	450			.14			
450	455			.09			
455	460			.08			
460	465			.10			
465	470			.10			
470	475			.06			
475	480			.05			
480	485			.08			
485	490			.09			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-15

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		?
490	495			.08			
495	500			.09			
500	505			.11	35		
505	510			.12	50		
510	515			.31	80		
515	520			.44	160		
520	525			.20	80		
525	530			.13	60		
530	535			.19	75		
535	540			.12	80		
540	545			.16	62		
545	550			.12	76		
550	555			.09	36		
555	560			.13	85		
560	565			.09	49		
565	570			.09	59		
570	575			.06	32		
575	580			.08	33		
580	585			.12	70		
585	590			.13	48		
590	595			.21	95		
595	600			.42	140		
600	605			.25	505		
605	610			.11	95		
610	615			.04			
615	620			.06			
620	625			.08			
625	630			.13			
630	635			~~.08~~			
635	640			.08			
640	645			.06			
645	650			.10			
650	655			.12	36		
655	660			.08	38		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-15

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB		
660	665			1.05	320		
665	670			.34	[illegible]		
670	675			.07	25		
675	680			.08	42		
680	685			.60	170		
685	690			.61	220		
690	695			.29	140		
695	700			.15	75		
700	705			.14	95		
705	710			.08			
710	715			.06			
715	720			.16			
720	725			.10			
725	730			.04			
730	735			.08			
735	740			.05			
740	745			.06			
745	750			.07			
750	755			.07			
755	760			.06			
760	765			.05			
765	770			.04			
770	775			.03			
775	780			.03			
780	785			.03			
785	790			.05			
790	795			.05			
795	800			.05			
EOH							

SIMILCO MINES LTD. EXPLORATION CORE LOGGING FORM	HOLE NUMBER: R95A-16 AREA: ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-16	15503.32	9454.78	4070.20	359.37	-45.08	575	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 23/95			TONTO RC

TARGET: ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	25																			
25	290	RA							P	6										
							D	0.2	-		D	0.5					LI	4		
290	320	5A							P	6										
							D	1			D	2	V	8						
320	575	5A							P	6										
							D	0.2			D	1								

0–25: LITH CASE — CASING THROUGH OVERBURDEN. REC:

25–290: LITH LH20 — MODERATELY POTASSIC ALTERED DIORITE WITH 30% OXIDATION @ THE COLLAR DWINDLING TO 0% OXIDATION @ 60'. 0.2% (TRACE) CPY. REC: (UNTIL 60'.)

290–320: LITH LH2D — ZONE OF MAGNETITE/SULPHIDE VEINING WITH 8% MAGNETITE 1% CPY AND 2% PYRITE IN A MODERATELY POTASSIC ALTERED DIORITE. REC:

320–575: LITH LH20 — MODERATELY POTASSIC ALTERED DIORITE WITH 0.2% DISSEM. CPY AND 1% PYRITE. REC:

EOH @ 575'.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	25		NS				
25	30			.13			
30	35			.23			
35	40			.12			
40	45			.23			
45	50			.19			
50	55			.16			
55	60			.09			
60	65			.06			
65	70			.18			
70	75			.50			
75	80			.39			
80	85			.18			
85	90			.10			
90	95			.08			
95	100			.27			
100	105			.14			
105	110			.08			
110	115			.08			
115	120			.09			
120	125			.07			
125	130			.10			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95 A-16

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
130	135			.12			
135	140			.14			
140	145			.11			
145	150			.12			
150	155			.15			
155	160			.09			
160	165			.11			
165	170			.11			
170	175			.06			
175	180			.05			
180	185			.05			
185	190			.08			
190	195			.08			
195	200			.11			
200	205			.06			
205	210			.06			
210	215			.09			
215	220			.09			
220	225			.04			
225	230			.03			
230	235			.09			
235	240			.13			
240	245			.05			
245	250			.07			
250	255			.07			
255	260			.06			
260	265			.08			
265	270			.10			
270	275			.06			
275	280			.08			
280	285			.14			
285	290			.11			
290	295			.15			
295	300			[illegible]			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-16

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
300	305			.31			
305	310			.37			
310	315			.24			
315	320			.21			
320	325			.12			
325	330			.09			
330	335			.13			
335	340			.13			
340	345			.09			
345	350			.10			
350	355			.07			
355	360			.07			
360	365			.05			
365	370			.06			
370	375			.07			
375	380			.09			
380	385			.08			
385	390			.12			
390	395			.13			
395	400			.11			
400	405			.06			
405	410			.05			
410	415			.03			
415	420			.03			
420	425			.08			
425	430			.07			
430	435			.20			
435	440			.16			
440	445			.17			
445	450			.05			
450	455			.06			
455	460			.05			
460	465			.05			
465	470			.05			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-16

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
470	475			.06			
475	480			.06			
480	485			.06			
485	490			.04			
490	495			.05			
495	500			.09			
500	505			.06			
505	510			.08			
510	515			.07			
515	520			.15			
520	525			.29			
525	530			.37			
530	535			.22			
535	540			.19			
540	545			.13			
545	550			.08			
550	555			.08			
555	560			.09			
560	565			.09			
565	570			.13			
570	575			.08			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER	R95A-17
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-17	15407.17	9314.55	4071.25	359.62	-43.58	640	RC
LOGGED BY	**DATE LOGGED**	**DATE BEGUN**	**DATE COMPLETE**	**CONTRACTOR**			
SJB	MARCH 28/95			TONTO			
TARGET							
ALABAMA RC FILL-IN							

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	25																			
LITH	OVER	CASING THROUGH OVERBURDEN																		
REC																				
25	50	RA	MG						P	10					V	2				
							D	0.1			D	0.1					LI	4		
LITH	LH20	LH. DIORITE WITH INTENSE PERVASIVE POTASSIC ALTN. TRACE CPY AND PYRITE																		
REC		10% OXIDATION @ COLLAR, DWINDLING TO 0% @ 45'.																		
50	195	SA	MG																	
							D	0.3			D	0.5								
LITH	LH20	MED. GRAINED, MED. GREY DIORITE WITH 0.3% CPY AS FINE DISSEMS. LOCAL 5-10'																		
REC		INTERVALS CONTAIN MODERATE TO INTENSE POTASSIC FSPAR ALTN (RED-PINK).																		
195	305	RA	MG						P	5					V	2				
							D	0.3			D	0.5								
LITH	LH20	MODERATE POTASSIC FSPAR ALTERED DIORITE WITH COMMON EPIDOTE VEINS (2%)																		
REC		AND 0.3% CPY. AND 0.5% PYRITE.																		

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	25		NS				
25	30			.10			
30	35			.07			
35	40			.13			
40	45			.12			
45	50			.08			
50	55			.12			
55	60			.15			
60	65			.10			
65	70			.09			
70	75			.08			
75	80			.07			
80	85			.08			
85	90			.07			
90	95			.08			
95	100			.11			
100	105			.11			
105	110			.07			
110	115			.14			
115	120			.10			
120	125			.24			
125	130			.26			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-17

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
305	475	9A	FG																	
475	495	RA	MG						P	6					V	2				
							D	1			D	1	D	4						
495	530	9A	FG																	
530	640	RA	MG						P	6					V	2				
							D	0.3			D	1	D	2						

305–475
LITH RH4C — CREAMY BUFF FELSIC DYKE (FINE GRAINED). NO SULPHIDES.
REC

475–495
LITH 4H20 — MODERATELY POTASSIC ALTERED DIORITE WITH 1% DISS. CPY, 1% PY AND 4% MAGNETITE.
REC

495–530
LITH RH4C — CREAMY BUFF FELSIC DYKE.
REC

530–640
LITH 4H20 — MODERATELY POTASSIC FSPAR ALTERED DIORITE WITH 0.3% FINE CPY AND 10% RHYL. DYKE CHIPS. 1% CPY IN THE FINAL SAMPLE (635-640')
REC

LITH — EOH @ 640'. HOLE SHUT DOWN PREMATURELY BECAUSE IT WAS VERY TIGHT AND THE RISK OF LOSING EQPT. WAS HIGH.
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
130	135			.13			
135	140			.15			
140	145			.15			
145	150			.06			
150	155			.08			
155	160			.17			
160	165			.08			
165	170			.04			
170	175			.03			
175	180			.05			
180	185			.08			
185	190			.09			
190	195			.07			
195	200			.16			
200	205			.13			
205	210			.09			
210	215			.12			
215	220			.20			
220	225			.25			
225	230			.23			
230	235			.21			
235	240			.17			
240	245			.10			
245	250			.14			
250	255			.14			
255	260			.13			
260	265			.13			
265	270			.15			
270	275			.18			
275	280			.22			
280	285			.17			
285	290			.12			
290	295			.16			
295	300			.13			

HOLE NUMBER: R95A-17

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT?	CY A / OT A	CB H / OT2?	CB A / OT2A
LITH																				
REC																				

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB		
300	305			.10			
305	310			.13			
310	315			.04			
315	320			.01			
320	325			0			
325	330			0			
330	430			N.S.			
430	435			0			
435	440			0			
440	445			N.S.			
445	450			0			
450	455			0			
455	460			0			
460	465			0			
465	470			0			
470	475			.01			
475	480			.24			
480	485			.56			
485	490			.45			
490	495			.18			
495	500			.07			
500	505			.05			
505	510			.04			
510	515			.03			
515	520			.03			
520	525			0			
525	530			0			
530	535			.16			
535	540			.33			
540	545			.06			
545	550			.04			
550	555			.04			
555	560			.04			
560	565			.04			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-17

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
565	570			.08			
570	575			.16			
575	580			.11			
580	585			.05			
585	590			.06			
590	595			.08			
595	600			.09			
600	605			.07			
605	610			.10			
610	615			.10			
615	620			.09			
620	625			.07			
625	630			.11			
630	635			.10			
635	640			.82			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-18
AREA ALABAMA RC

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-18	15236.43	9605.15	4076.25	0.98	-43.03	800	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 28/95			TONTO

TARGET
ALABAMA FILL-IN RC

DOWN HOLE SURVEYS

	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	15																			
15	25	5R							P	10										
25	45	3A							P	2										
							D	1			D	1	P	10	C	0.5				
45	186	5A							P	4										
													D	2	C	0.5				

0–15
LITH OVER CASING THROUGH OVERBURDEN
REC

15–25
LITH LH20 INTENSELY POTASSIC FSPAR /BIOTITE ALTERED DIORITE WITH NO SULPHIDES.
REC

25–45
LITH LH20 DIORITE(?) WITH INTENSE MAGNETITE (VEINS?) ALTN. AND 1% DISS. CPY
REC AND 1% PYRITE 10% OXIDATION.

45–186
LITH LH20 WEAK TO MODERATE PERVASIVE POTASSIC ALTERED DIORITE WITH 1% CPY
REC AND 0.5% MALACHITE. 2% MAGNETITE.
5% OXIDATION, DECREASES TO 0% BY 90'. RHYL. DYKES 160-165 & 180-185'.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			.09	65		
20	25			.12	195		
25	30			.23	240		
30	35			.20	130		
35	40			.45	210		
40	45			.34	150		
45	50			.48	190		
50	55			.09	45		
55	60			.11	49		
60	65			.15	60		
65	70			.41	150		
70	75			.38	190		
75	80			.46	180		
80	85			.53	350		
85	90			.42	230		
90	95			.37	200		
95	100			.47	180		
100	105			.44	240		
105	110			.29	150		
110	115			.13	70		
115	120			.27	130		

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
186	245	3A	FG																	
													D	2						

LITH LH3D — FINE, BLACK TO DARK GREY DIORITE, WITH NO SULPHIDES AND 2% MAG. PROBABLY A POST-ORE DIORITE, MAYBE EVEN TERTIARY.

REC

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
245	290	RA	MG						P	6					V	3				
							D	1			D	1	D	2						

LITH LH2D — MODERATELY POTASSIC FSPAR ALTERED DIORITE WITH COMMON EPIDOTE OR MAGNETITE VEINS AND 1% CPY.

REC

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
290	340	5R	MG						P	15					V	1				
							D	2			D	0.5	D	1						

LITH LH2D — MED-GRAINED, RED, INTENSELY POTASSIC ALTERED DIORITE WITH 2% MED. DISSEMINATED CPY.

REC

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
340	760	RA	MG						P	8					V	1				
							D	0-5			D	1	D	1						

LITH LH2D — MODERATE TO INTENSELY POTASSIC FSPAR ALTERED DIORITE WITH ONLY 0.5% FINE, DISS. CPY. LOCAL ZONES OF INCREASED MAGNETITE (UP TO 5%)

REC

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
760	800	1A	FG																	

LITH BSLT — FINE, BLACK BASALT (?) DYKE (?). NO VISIBLE SULPHIDES.

REC

LITH

REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.46	160		
125	130			.56	280		
130	135			.52	260		
135	140			.38	150		
140	145			.17	85		
145	150			.15	70		
150	155			.22	62		
155	160			.35	105		
160	165			.06	21		
165	170			.23	52		
170	175			.15	56		
175	180			.07			
180	185			.01			
185	190			0			
190	195			0			
195	200			0			
200	205			0			
205	210			.01			
210	215			.01			
215	220			.01			
220	225			.01			
225	230			.01			
230	235			.01			
235	240			.01			
240	245			.01			
245	250			.48	130		
250	255			.12	52		
255	260			.11	39		
260	265			.16	90		
265	270			.07	21		
270	275			.11	43		
275	280			.15	95		
280	285			.27	80		
285	290			.44	105		

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
290	295			.36	10		
295	300			.83	340		
300	305			.54	280		
305	310			.46	260		
310	315			.98	280		
315	320			.45	145		
320	325			.73	260		
325	330			.76	290		
330	335			1.02	320		
335	340			1.31	490		
340	345			.27	120		
345	350			.20	56		
350	356			.10	60		
355	360			.11	65		
360	365			.13	73		
365	370			.09	48		
370	375			.05	29		
375	380			.05	24		
380	385			.08	52		
385	390			.11	70		
390	395			.12	105		
395	400			.21	110		
400	405			.28	150		
405	410			.10	67		
410	415			.15	75		
415	420			.29	180		
420	425			.38	220		
425	430			.35	280		
430	435			.22	110		
435	440			.34	160		
440	445			.22	110		
445	450			.13	95		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-18

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
450	455			.27	200		
455	460			.34	160		
460	465			.25	140		
465	470			.39	340		
470	475			.36	320		
475	480			.28	120		
480	485			.29	200		
485	490			.35	180		
490	495			.32	110		
495	500			.24	115		
500	505			.06			
505	510			.05			
510	515			.03			
515	520			.07			
520	525			.04			
525	530			.04			
530	535			.12	85		
535	540			.25	320		
540	545			.26	160		
545	550			.22	120		
550	555			.17	60		
555	560			.71	110		
560	565			.23	90		
565	570			.14	45		
570	575			.08			
575	580			.10			
580	585			.13			
585	590			.15			
590	595			.12			
595	600			.12			
600	605			.10			
605	610			.15			
610	615			.12			
615	620			.07			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-18

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH.	SAMP.	CU %	AU PPB		
620	625			.08			
625	630			.09			
630	635			.24			
635	640			.14			
640	645			.11			
645	650			.13			
650	655			.25			
655	660			.17			
660	665			.15			
665	670			.13			
670	675			.12			
675	680			.14			
680	685			.15			
685	690			.15			
690	695			.15			
695	700			.20			
700	705			.16			
705	710			.17			
710	715			.14			
715	720			.15			
720	725			.16			
725	730			.14			
730	735			.13			
735	740			.10			
740	745			.09			
745	750			.05			
750	755			.09			
755	760			.11			
760	765			.04			
765	770			.09			
770	775			.03			
775	780			.04			
780	785			.06			
785	790			.08			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-18

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH	
REC	
LITH	
REC	
LITH	
REC	
LITH	
REC	
LITH	
REC	
LITH	
REC	

FROM	TO	LTH	SAMP	CU %	AU PPB		
790	795		N.S.				
795	800			.15			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-19
AREA: ALABAMA RC

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-19	15380.00	10150.00	4020.00	56.00	-45.00	95	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 28/95			TONTO RC

TARGET: ALABAMA FILL-IN RC

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT 7	CY A / OT A	CB H / OT27	CB A / OT2A
0	35																			
35	95	9A																		

0–35 — LITH: CASE — CASING THROUGH OVERBURDEN

35–95 — LITH: OVER — HETEROGENEOUS CHIPS CONSISTING OF DIORITE (~20%) + 80% OTHER, EXOTIC CLASTS. MUST BE OVERBURDEN. THE LAST SAMPLE IS 80% RHYOLITE DYKE (SO THE BOTTOM OF THE OVERBURDEN MAY BE @ 90'.

EOH @ 95'.

THE HOLE WAS ABANDONED @ 95' WHEN IT COULD NOT BE KEPT OPEN.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
0	35		N.S.		
35	40			.05	
40	45			.02	
45	50			.01	
50	55			.01	
55	60			.01	
60	65			0	
65	70			0	
70	75			0	
75	80			.01	
80	85			.01	
85	90			.01	
90	95			0	
EOH					

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-20
AREA: ALABAMA RC

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-20	15128.61	10111.16	4034.85	357.89	-41.29	755	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 28/95			TONTO

TARGET: ALABAMA FILL-IN RC

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT1	CY A / OT1A	CB H / OT2	CB A / OT2A
0	45																			
45	55	IA	FG																	
							D	0.5					P	4			LI	4		
55	65																			
65	95	GR	MG						P	15										
							D	0.5							C	0.5				

0–45
LITH: CASE
REC:

45–55
LITH: ANDS — FINE, BLACK ANDESITE WITH 4% FINE, DISSEM. MAGNETITE + 0.5% FINE, DISS. CPY. AND 4% LIMONITE, 20% OXIDIZED.
REC:

55–65
LITH: NS — NO SAMPLE
REC:

65–95
LITH: GRDI — MED. GRAINED, RED DIORITE WITH 0.5% CPY AND 0.5% MALACHITE INTENSE PINK POTASSIC FSPAR ALTN. 20% OXIDATION DECREASING TO 5% 95'.
REC:

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	45		N.S.				
45	50			.32	120		
50	55			.23	85		
55	60		N.S.				
60	65		N.S.				
65	70			.16	80		
70	75			.30	580		
75	80			.40	180		
80	85			.40	220		
85	90			.40	270		
90	95			.15	105		
95	100			.08	100		
100	105			.07	57		
105	110			.03	5		
110	115			.04	11		
115	120			.02	120		
120	125			.26	~~75~~		
125	130			.29	260		
130	135			.43	160		
135	140			.36	170		
140	145			.30	190		
145	150			.18	90		

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
95	120	9A																		
120	160	RA	MG						P	6										
							D	0.5							C	0.1				
160	200	1A	FG																	
200	260	RA	MG						P	6										
							D	0.5												
260	305	1A																		
305	310	RA							P	10										
							D	0.5												

95–120 LITH RHYL: BUFF-YELLOW RHYOLITE DYKE. NO SULPHIDES.
REC:

120–160 LITH LH20: MED. GRAINED DIORITE WITH MOD. PERV. POTASSIC FS ALTN. AND 0.5% CPY. TRACES OF MALACHITE. ALL OXIDATION GONE @ 140'
REC:

160–200 LITH BSLT: FINE, BLACK BASALT DYKE
REC:

200–260 LITH LH20: MED. GRAINED DIORITE WITH MOD. PERV. POTASSIC ALTN. AND 0.5% CPY.
REC:

260–305 LITH BSLT: FINE, BLACK BASALT DYKE
REC:

305–310 LITH LH20: 20% BASALT + 80% LH2 DIORITE WITH 0.5% FINE CPY INT. POTASSIC ALTN.
REC:

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
150	155			.06	63
155	160			.15	106
160	165			.03	
165	170			.05	
170	175			.01	
175	180			.01	
180	185			Ø	
185	190			Ø	
190	195			Ø	
195	200			.01	
200	205			.04	
205	210			.07	
210	215			.04	25
215	220			.24	130
220	225			.21	120
225	230			.13	80
230	235			.37	190
235	240			.41	230
240	245			.25	160
245	250			.26	270
250	255			.18	100
255	260			.16	95
260	265			.09	80
265	270			.02	
270	275			Ø	
275	280			Ø	
280	285			.01	
285	290			Ø	
290	295			Ø	
295	300			Ø	
300	305			.04	
305	310			.23	69
310	315			.20	85
315	320			.03	30

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-20

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
310	325	9A																		
LITH	RHYL	BUFF FELSIC (RHYOLITE) DYKE WITH 15 % LH2 CHIPS																		
REC																				
325	380	3A	MG																	
							D	1			D	0.5	D	4						
LITH	LH2D	MED. GRAINED, MAGNETITE-RICH (4% AS DISSEMS.) DIORITE WITH 1% CPY. AS FINE DISSEMS.																		
REC																				
380	395	5R	MG						P	10										
							D	05												
LITH	LH2D	REDDISH, INTENSE PERV. POTASSIC ALTN. WITH 0.5% CPY. IN A DIORITE.																		
REC																				
395	495	1A	FG																	
LITH	BSLT	FINE, BLACK BASALT DYKE WITH MINOR 10' INTERVALS (< 10% OF THE TOTAL) OF PINK LH2D.																		
REC																				
495	570	RA	MG						P	6										
							D	0.3			D	2	D	4						
LITH	LH2D	MODERATELY POTASSIC ALTERED DIORITE WITH 0.3% CPY, 2% PYRITE + 4% MAGNETITE																		
REC																				
570	600	5A	CG	PP					P	16										
							D	0.1			D	0.5								
LITH	LH2F	INTENSELY POTASSIC ALT'D, POST-MINERAL (?) PHASE OF LH, WITH COARSE PORPHYRITIC FSPARS (RED + WHITE)																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
320	325			.03	13		
325	330			.26	110		
330	335			.32	135		
335	340			.31	160		
340	345			.51	165		
345	350			.66	310		
350	355			.60	240		
355	360			.23	95		
360	365			.21	110		
365	370			.34	150		
370	375			.24	120		
375	380			.36	190		
380	385			.15	[illegible]		
385	390			.08	42		
390	395			.14	100		
395	400			.09			
400	405			.05			
405	410			.04			
410	415			.12			
415	420			.07			
420	425			.03			
425	430			.03			
430	435			.06			
435	440			.01			
440	445			.05			
445	450			.08			
450	455			.01			
455	460			.02			
460	465			.02			
465	470			.04			
470	475			.08			
475	480			.03			
480	485			.02			
485	490			.04			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-20

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
600	690	5A							P	3										
							D	0.1			D	2	D	4						
690	705	9A																		
705	725	5A							P	3										
							D	0.1			D	2	D	4						
725	740	1A	FG																	

600–690
LITH LH20 WEAKLY POTASSIC ALTERED LH DIORITE (COULD BE AN ANDESITE) WITH 0.1% CPY, 2% PYRITE + 4% MAGNETITE.
REC

690–705
LITH RHYL BUFF-YELLOW RHYOLITE DYKE
REC

705–725
LITH LHDO WEAKLY POTASSIC ALTERED LH DIORITE WITH 0.1% CPY, 2% PY + 4% MAGNETITE.
REC

725–740
LITH BSLT FINE, DARK BASALT (?) DYKE. (POST-MINERAL)
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
490	495			.05			
495	500			.06			
500	505			.15			
505	510			.20			
510	515			.13			
515	520			.06			
520	525			.04			
525	530			.06			
530	535			.03			
535	540			.08			
540	545			.07			
545	550			.06			
550	555			.07			
555	560			.12			
560	565			.07			
565	570			.08			
570	575			.11			
575	580			.06			
580	585			.03			
585	590			.02			
590	595			.02			
595	600			.03			
600	605			.17			
605	610			.33			
610	615			.14			
615	620			.04			
620	625			.04			
625	630			.15			
630	635			.06			
635	640			.05			
640	645			.08			
645	650			.07			
650	655			.06			
655	660			.03			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-20

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
660	665			.07			
665	670			.05			
670	675			.04			
675	680			.12			
680	685			.11			
685	690			.10			
690	695			.04			
695	700			.01			
700	705			.02			
705	710			.29			
710	715			.17			
715	720			.19			
720	725			.16			
725	730			.03			
730	735			.02			
735	740			.02			
740	745			.06			
745	755		N.S.				
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-21
AREA: ALABAMA RC

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-21	15300.13	10100.79	4044.01	359.12	-45.25	570	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	MARCH 29/95			TONTO

TARGET: ALABAMA FILLIN RC

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	45																			

LITH: OVER — CASING THROUGH OVERBURDEN
REC:

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
45	110	5R	MG						P	10										
							D	0.3			D	05			C	2	LI	2		

LITH: LH20 — MED. GRAINED, PINK DIORITE WITH COMMON MALACHITE (2%) AND 0.3% CPY.
REC:
ALL OXIDATION GONE @ 90', 20% OX'D. @ 45'.

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
110	130	1A	FG																	

LITH: BSLT — FINE, BLACK BASALT
REC:

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
130	155	RA							P	5										
							D	15			D	1								

LITH: LH20 — MODERATE POTASSIC FS ALTN. IN A DIORITE WITH 1% CPY + 1% PY
REC:

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB		
0	45		N.S.				
45	50			.24	280		
50	55			.26	170		
55	60			.28	90		
60	65			.34	100		
65	70			.37	125		
70	75			.31	160		
75	80			.17	95		
80	85			.23	100		
85	90			.23	105		
90	95			.28	140		
95	100			.27	160		
100	105			.09	65		
105	110			.11	45		
110	115			.06	115		
115	120			.02	12		
120	125			.03	[illegible]		
125	130			.08	17		
130	135			.38	120		
135	140			[illegible]	[illegible]		
140	145			.08	37		
145	150			.14	125		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-21

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
155	185	1A																		

LITH: BSLT — FINE, BLACK BASALT DYKE.
REC:

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
185	200	3A							P	3										
							D	0.3					D	4						

LITH: DARK GREEN DIORITE WITH WEAK POTASSIC ALTN. & 4% MAGNETITE. + 0.3% CPY.
REC: LH20

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
200	236																			

LITH: BSLT — BASALT DYKE WITH 10' OF RHYOLITE DYKE @ 225-235'.
REC:

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
236	280	RA	MG						P	5										
							D	1					D	3						

LITH: LH20 — MED. GRAINED, RED-GREY DIORITE WITH 1% CPY AND 3% MAGNETITE.
REC: UBIQUITOUS BSLT/RHYL. CHIPS ACCOUNT FOR 10-20% OF THE TOTAL. MOD. POTASSIC ALTN.

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
280	300	1A																		

LITH: BSLT — FINE, BLACK BASALT DYKE.
REC:

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
300	325	RA	MG						P	5										
							D	0.5					D	3						

LITH: LH20 — MED. GRAINED, RED-GREY DIORITE WITH 0.5% CPY.
REC:

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
150	155			.40	220		
155	160			.16	~~7~~		
160	165			.04			
165	170			.02			
170	175			.02			
175	180			.03			
180	185			.02			
185	190			.10			
190	195			.19			
195	200			.24			
200	205			.10			
205	210			.11			
210	215			.02			
215	220			.04			
220	225			.05			
225	230			.05			
230	235			.03			
235	240			.07			
240	245			.11			
245	250			.27			
250	255			.33			
255	260			.17			
260	265			.03			
665	270			.07			
270	275			.11			
275	280			.08			
280	285			.02			
285	290			.01			
290	295			[illegible]			
295	300			.02			
300	305			.19			
305	310			.09			
310	315			.08			
315	320			.06			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R96A-21

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
325	345	1A																		
345	515	RA	MG						P	5										
							D	0.3												
515	570																			

LITH BSLT — DARK GREY FINE BASALT DYKE. 5% RHYL CHIPS.
REC

LITH LH20
REC — MODERATE POTASSIC ALTN, LOCAL COARSELY PORPHYRITIC RED ZONES. 0.3% CPY OVERALL. LOCALLY UP TO 1%.

LITH RHYL — BUFF RHYOLITE DYKE
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
320	325			.11			
325	330			.07			
330	335			.03			
335	340			.01			
340	345			.01			
345	350			.07			
350	355			.28			
355	360			.19			
360	365			.02			
365	370			.06			
370	375			.05			
375	380			.04			
380	385			.05			
385	390			.07			
390	395			.03			
395	400			.06			
400	405			.05			
405	410			.04			
410	415			.04			
415	420			.04			
420	425			.10			
425	430			.10			
430	435			.15			
435	440			.08			
440	445			.08			
445	450			.05			
450	455			.07			
455	460			.30			
460	465			[illegible]			
465	470			.12			
470	475			.09			
475	480			.06			
480	485			.27	95		
485	490			.20	130		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-21

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
490	495			.33	135		
495	500			.38	150		
500	505			.09	38		
505	510			.37	100		
510	515			.08			
515	520			.01			
520	525			.05			
525	530			.04			
530	535			.02			
535	540			.02			
540	545			.03			
545	550			0			
550	555			.02			
555	560			.01			
560	565			0			
565	570			0			
EOH							

SIMILCO MINES LTD. EXPLORATION CORE LOGGING FORM	QUICK LOG FOR LITHOLOGY ONLY.	HOLE NUMBER R95A-22 AREA ALABAMA	PAGE 1 OF 5

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-22	14800.21	10728.73	3875.36	354.21	-46.24	700'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET: ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

FROM	TO		
0	25		
		LITH	CASE — CASING THROUGH OVERBURDEN.
		REC	
25	100		
		LITH	CH20 — ~~[illegible]~~
		REC	
100	310		
		LITH	CH20
		REC	
310	320		
		LITH	BSLT
		REC	

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
0	25		N.S.		
25	30			.02	
30	35			.03	
35	40			.03	
40	45			.13	
45	50			.06	
50	55			.02	
55	60			.01	
60	65			.01	
65	70			.02	
70	75			.04	
75	80			.06	
80	85			.08	
85	90			.26	
90	95			.15	
95	100			.18	
100	105			.02	
105	110			.02	
110	115			.03	
115	120			.03	
120	125			.02	
125	130			.02	

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER [illegible]A-22

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / OP H	S2 A / OP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
320	365																			
LITH	H20																			
REC																				
365	390																			
LITH	BSG																			
REC																				
390	526																			
LITH	H20																			
REC																				
526	540																			
LITH	R44																			
REC																				
540	700																			
LITH	H20																			
REC																				
LITH																				
REC																				

EOH @ 700'.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
130	135			.02	
135	140			.07	
140	145			.05	
145	150			.06	
150	155			.14	
155	160			.14	
160	165			.18	
165	170			.04	
170	175			.09	
175	180			.19	
180	185			.17	
185	190			.11	
190	195			.09	
195	200			.21	30
200	205			.13	34
205	210			.19	105
210	215			.09	70
215	220			1.07	320
220	225			.14	90
225	230			.16	72
230	235			.14	55
235	240			.22	120
240	245			.39	260
245	250			.09	45
250	255			.07	19
255	260			.08	50
260	265			.08	53
265	270			.21	130
270	275			[illegible]	180
275	280			.25	130
280	285			.13	59
285	290			.27	68
290	295			.53	220
295	300			.29	120

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-22

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
300	305			.71	105		
305	310			.88	240		
310	315			.23	28		
315	320			.03	5		
320	325			.26	85		
325	330			.58	150		
330	335			.11	65		
335	340			.03	20		
340	345			.14	38		
345	350			.18	58		
350	355			.11			
355	360			.07	[illegible]		
360	365			.07	[illegible]		
365	370			.04			
370	375			.01			
375	380			.01			
380	385			.01			
385	390			.17			
390	395			.04			
395	400			.23			
400	405			.17			
405	410			.16			
410	415			.23			
415	420			.14			
420	425			.12			
425	430			.07	[illegible]		
430	435			.16	[illegible]		
435	440			.09	[illegible]		
440	445			[illegible]	[illegible]		
445	450			.08			
450	455			.12			
455	460			.10			
460	465			.03			
465	470			.05			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-22

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH

REC

LITH

REC

LITH

REC

LITH

REC

LITH

REC

LITH

REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
470	475			.05			
475	480			.06			
490	485			.06			
485	490			.06			
490	495			.06			
495	500			.04			
500	505			.05			
505	510			.08			
510	515			.24			
515	520			.08			
520	525			.29			
525	570			~~0~~			
530	535			~~0~~			
535	540			.01	21		
546	545			.21	60		
545	550			.38	120		
550	555			.66	240		
555	560			.31	115		
560	565			.19	52		
565	570			.10	38		
570	575			.07	25		
575	580			.14	60		
580	585			.16	25		
585	590			.17	85		
590	595			.05			
595	600			.08			
600	605			.01			
605	610			.06			
610	615			[illegible]			
615	620			.11			
620	625			.10			
625	630			.07			
630	635			.11			
635	640			.08			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-22

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB
640	645			.03	
645	650			.02	
650	655			.08	
655	660			.16	
660	665			.11	
665	670			.08	
670	675			.14	
675	680			.09	
680	685			.18	
685	690			.12	
690	695			.10	
695	700			.03	
EOH					

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

QUICK LOG FOR LITHOLOGY ONLY.

HOLE NUMBER	R95A-23
AREA	ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-23	15493.82	10455.79	3960.84	249.06	-44.60	480.00'	RC
LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR			
				TONTO			
TARGET	ALABAMA FILL-IN						

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	15																			
LITH	CASE																			
REC																				
15	35																			
LITH	RHYL																			
REC																				
35	195																			
LITH	LH20																			
REC																				
195	245																			
LITH	RHYL																			
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			0			
20	25			.01			
25	30			.01			
30	35			0			
35	40			0			
40	45			.01			
45	50			.01			
50	55			.02			
55	60			.01			
60	65			0			
65	70			0			
70	75			.05			
75	80			.12			
80	85			.16			
85	90			.10			
90	95			.09			
95	100			.01			
100	105			.01			
105	110			.02			
110	115			.01			
115	120			.01			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-23

FROM	TO		COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
245	295																				
LITH	LH20																				
REC																					
295	325																				
LITH	RH4L																				
REC																					
325	395																				
LITH	LH20																				
REC																					
395	430																				
LITH	RH4L																				
REC																					
430	445																				
LITH	LH20																				
REC																					
445	485				455	465 / LH20		465	480 / RH4L												
LITH	RH4L																				
REC																					

EOH @ 480'

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.01	10		
125	130			.13	60		
130	135			.24	140		
135	140			.20	105		
140	145			.36	190		
145	150			.22	115		
150	155			.86	360		
155	160			.38	150		
160	165			.15	80		
165	170			.22	160		
170	175			.17	90		
175	180			.34	150		
180	185			.18	60		
185	190			.16	60		
190	195			.09			
195	200			.08			
200	205			.03			
205	210			.02			
210	215			.02			
215	220			0			
220	225			.01			
225	230			0			
230	235			0			
235	240			.02			
240	245			.01			
245	250			.02			
250	255			.04			
255	260			.01			
260	265			.02			
265	270			.02			
270	275			.01			
275	280			0			
280	285			.02			
285	290			0			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-23

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
290	295			0			
295	300			0			
300	305			0			
305	310			0			
310	315			0			
315	320			0			
320	325			0			
325	330			.01			
330	335			0			
335	340			.01			
340	345			.01			
345	350			.01			
350	355			.01			
355	360			.02			
360	365			.01			
365	370			.05			
370	375			.01			
375	380			.01			
380	385			.05			
385	390			.14			
390	395			.08			
395	400			.02			
400	405			0			
405	410			0			
410	415			0			
415	420			.03			
420	425			.02			
425	430			.03			
430	435			[illegible]			
435	440			.05			
440	445			.01			
445	450			.03			
450	455			.02			
455	460			.04			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-23

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH.	SAMP	CU %	AU PPB		
460	465			.02			
465	470			.04			
470	475			.05			
475	480			.05			
EOH							

SIMILCO MINES LTD. EXPLORATION CORE LOGGING FORM	QUICK LOG FOR LITHOLOGY ONLY.	HOLE NUMBER R95A-24 AREA ALABAMA	PAGE 1 OF 4

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-24	15167.25	10310.19	3985.35	0.64	-43.07	505'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET: ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A	LITH	REC
0	30																				OVER	
30	270																				L420	
270	415																				RHYL	
415	475																				L420	

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			.03	21		
20	25			.03			
25	30			.06	34		
30	35			.43	100		
35	40			.33	65		
40	45			.35	120		
45	50			.42	180		
50	55			.14	70		
55	60			.11	45		
60	65			.14	63		
65	70			.12	85		
70	75			.08	27		
75	80			.14	70		
80	85			.29	95		
85	90			.22	100		
90	95			.16	60		
95	100			.13	50		
100	105			.10	75		
105	110			.18	[illegible]		
110	115			.23	70		
115	120			.22	65		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-24

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
475	495																			
LITH	RH44																			
REC																				
495	506																			
LITH	4420																			
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.46	170		
125	130			.36	200		
130	135			.30	150		
135	140			.21	105		
140	145			.18	58		
145	150			.11	95		
150	155			.10	45		
155	160			.17	140		
160	165			.11	48		
165	170			.34	160		
170	175			.12	69		
175	180			.12	63		
180	185			.10	25		
185	190			.40	210		
190	195			.11	35		
195	200			.09	31		
200	205			1.27	480		
205	210			.13	60		
210	215			.97	240	260	
215	220			.29	120	145	
220	225			.52	210	160	
225	230			.28	85	130	
230	235			.09	39	61	
235	240			.07	17	22	
240	245			.03	16	32	
245	250			.03	11	14	
250	255			.03	11	19	
255	260			.05	21	30	
260	265			.48	160	190	
265	270			.56	210	290	
270	275			.09	62	40	
275	280			.06		38	
280	285			.06		23	
285	290			.03		8	

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-24

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT 1	OT A	OT2	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
290	295			.03	[illegible]		
295	300			.03	[illegible]		
300	305			.02	[illegible]		
305	310			.01	3		
310	315			.02	6		
315	320			0	3		
320	325			.02	5		
325	330			.24	130		
330	335			.35	180		
335	340			.16	105		
340	345			.03	15		
345	350			.01	5		
350	355			.08	[illegible]		
355	360			.03	12		
360	365			.08	40		
365	370			.03	7		
370	375			.06	36		
375	380			.02	7		
380	385			.03	9		
385	390			.02	5		
390	395			.04	14		
395	400			.03	7		
400	405			.07	30		
405	410			.04	40		
410	415			.10	46		
415	420			.19	80		
420	425			.39	170		
425	430			.26	110		
430	435			[illegible]	120		
435	440			.15	75		
440	445			.11	60		
445	450			.15	85		
450	455			.14	90		
455	460			.09	51		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-24

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
460	465			.04	85		
465	470			.10	69		
470	475			.10	[illegible]		
475	480			.13	80		
480	485			.08	60		
485	490			.08	70		
490	495			.07	80		
495	500			.09	54		
500	505			.06	45		
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

QUICK LOG FOR LITHOLOGY ONLY.

HOLE NUMBER R95A-25
AREA ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-25	15313.01	10314.09	3990.79	8.04	-45.26	525'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET
ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none.		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	40																			
LITH	OVER																			
REC																				
40	165																			
LITH	LH20																			
REC																				
165	185																			
LITH	RH4L																			
REC																				
185	240																			
LITH	LH20																			
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			.02			
20	25			.02			
25	30			.01			
30	35			.03			
35	40			.01			
40	45			.28	190		
45	50			.19	80		
50	55			.19	135		
55	60			.25	130		
60	65			.21	150		
65	70			.14	75		
70	75			.20	120		
75	80			.18	68		
80	85			.64	160		
85	90			.49	150		
90	95			.20	120		
95	100			.25	80		
100	105			.11	60		
105	110			.10	30		
110	115			.12	35		
115	120			.13	70		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: P454-25

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
200	270																			
LITH	R44L																			
REC																				
270	330																			
LITH	LH20																			
REC																				
330	525																			
LITH	RH4L																			
REC																				
LITH																				
REC																				
LITH																				
REC																				
LITH																				
REC																				

EOH @ 525'.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.16	80		
125	130			.33	160		
130	135			.05	26		
135	140			.07	15		
140	145			.10	45		
145	150			.06	19		
150	155			.07	45		
155	160			.15	95		
160	165			.16	90		
165	170			.04	19		
170	175			.01	5		
175	180			.01	5		
180	185			.04	3		
185	190			.16	100		
190	195			.25	105		
195	200			.22	120		
200	205			.26	160		
205	210			.18	100		
210	215			.23	110		
215	220			.21	240		
220	225			.04	18		
225	230			.18	90		
230	235			.12	49		
235	240			.12	32		
240	245			.06			
245	250			.02			
250	255			.02			
255	260			.01			
260	265			.01			
265	270			.75	54		
270	275			.17	90		
275	280			.22	110		
280	285			.36	180		
285	290			.13	120		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-25

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
290	295			.13	[illegible]		
295	300			.25	[illegible]		
300	305			.17	[illegible]		
305	310			.13	75		
310	315			.04	240		
315	320			0	10		
320	325			.06	60		
325	330			.13	80		
330	335			.23	160		
335	340			.03			
340	345			.02			
345	350			.02			
350	355			.02	[illegible]		
355	360			.01			
360	365			.09			
365	370			.04			
370	375			.01			
375	380			.02			
380	385			.03			
385	390			.03			
390	395		N.S.				
395	400			.02			
400	405			.01			
405	410			.01			
410	415			.02			
415	420			.01	[illegible]		
420	425			.03			
425	430			.03			
430	435			[illegible]			
435	440			.01			
440	445			.01			
445	450			.02			
450	455			.02			
455	460			.06			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-25

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
460	465			.03			
465	470			.03			
470	475			.01			
475	480			.12			
480	485			.02			
485	490			.05			
490	495			.08			
495	500			.06			
500	505			.01			
505	510			.04			
510	515			.01			
515	520			.09			
520	525			.03			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

QUICK LOG FOR
LITHOLOGY ONLY.

HOLE NUMBER: R95A-26
AREA: ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-26	14702.22	11323.51	3752.08	178.40	-44.24	680'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET
ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
0	45																			
LITH	CASE																			
REC																				
45	405																			
LITH	4420																			
REC																				
405	435																			
LITH	R44C																			
REC																				
435	680																			
LITH	L420	EOH @ 680'																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	25		N.S.				
25	30			.02			
30	35			.02			
35	40			.03			
40	45			.04			
45	50			.06			
50	55			.07			
55	60			.06			
60	65			.03			
65	70			.04			
70	75			.03			
75	80			.04			
80	85			.05			
85	90			.02			
90	95			.04			
95	100			.05			
100	105			.08			
105	110			.11			
110	115			.05			
115	120			.04			
120	125			.05			
125	130			.12	38		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-26

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
130	135			.17	60		
135	140			.02	[illegible]		
140	145			.24	~~27~~		
145	150			.09	28		
150	155			.11	80		
155	160			.16	1090		
160	165			.06	62		
165	170			.56	160		
170	175			.24	180		
175	180			1.15	520		
180	185			.63	280		
185	190			.25	160		
190	195			.08	~~60~~		
195	200			.20	40		
200	205			.07	16		
205	210			.13	100		
210	215			.12	60		
215	220			.04	11		
220	225			.06	2		
225	230			.11	43		
230	235			.31	160		
235	240			.17	150		
240	245			.27	120		
245	250			.23	210		
250	255			.17	80		
255	260			.08	[illegible]		
260	265			.08			
265	270			.06	[illegible]		
270	275			~~.08~~			
275	280			.12			
280	285			.16			
285	290			.26			
290	295			.18			
295	300			.09			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-26

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
300	305			.07	[illegible]		
305	310			.06	[illegible]		
310	315			.02	[illegible]		
315	320			.11			
320	325			.13			
325	330			.09			
330	335			.04			
335	340			.17			
340	345			.09			
345	350			.07			
350	355			.05			
355	360			.09			
360	365			.04	[illegible]		
365	370			.12			
370	375			.06			
375	380			.08			
380	385			.07			
385	390			.08			
390	395			.08			
395	400			.13			
400	405			.25			
405	410			.09			
410	415			.03			
415	420			.03			
420	425			.04	9		
425	430			.06	[illegible]		
430	435			.13	24		
435	440			.15	30		
440	445			[illegible]	105		
445	450			.08	26		
450	455			.19	27		
455	460			.52	130		
460	465			.72	240		
465	470			.80	620		

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	OP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LITH	SAMP	CU %	AU PPB
470	475			.65	310
475	480			.33	[illegible]
480	485			.52	[illegible]
485	490			.64	330
490	495			.36	260
495	500			.19	140
500	505			.15	120
505	510			.12	125
510	515			.29	220
515	520			.17	115
520	525			.14	64
525	530			.15	180
530	535			.08	[illegible]
535	540			.24	80
540	545			.23	140
545	550			.29	195
550	555			.45	280
555	560			.06	100
560	565			.14	140
565	570			.11	60
570	575			.11	1480
575	580			.20	100
580	585			.29	150
585	590			.25	120
590	595			.17	110
595	600			.19	130
600	605			.16	70
605	610			.35	180
610	615			.32	120
615	620			.23	73
620	625			.14	19
625	630			.26	70
630	635			.16	19
635	640			.05	

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-26

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
640	645			.07	[illegible]		
645	650			.13	[illegible]		
650	655			.08	[illegible]		
655	660			.08			
660	665			.13			
665	670			.10			
670	675			.16			
675	680			.14			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R954-27
AREA ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R954-27	15302.33	8642.60	4032.65	343.02	-43.96	800'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
SJB	APRIL 25/95			TONTO

TARGET

ALABAMA STEP-OUT RC HOLE TO THE WEST.

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	QT ?	QT A	QT2?	QT2A
0	45																			
LITH	CASE	CASING THROUGH O'BN.																		
REC																				
45	65																			
LITH	OVER	OVERBURDEN BEYOND THE CASING.																		
REC																				
65	80	9A	PP																	
LITH	RHYL	WHITE, QTZ EYE PORPHYRY RHYOLITE DYKE.																		
REC																				
80	90	9A	PP																	
LITH	RHYL	WHITE, QTZ EYE PORPHYRY RHYOLITE DYKE WITH 20% LH2 CLASTS																		
REC		CONTAINING 1% CPY.																		

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	20		N.S.				
20	25			.07			
25	45		N.S				
45	50			.07			
50	55			.06			
55	60			.06			
60	65			.03			
65	70			.01			
70	75			.01			
75	80			.01			
80	85			.06			
85	90			.29			
90	95			.05			
95	100			.03			
100	105			.02			
105	110			.01			
110	115			0			
115	120			0			
120	125			0			
125	130			.01			
130	135			0			
135	140			.01			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R95A-27

FROM	TO	COLR	TX 1	KF H	KF A	CP H	CP A	PY H	PY A	LITH	REC	Description
90	150	9A	PP					7	0.5	RHYL		WHITE, QTZ EYE PORPHYRY RHYOLITE DYKE. 0.5% PYRITE AS FINE DISSEM'S AND 1-5mm VEINS. 20% OF THE FRAGS. ARE SOFT, PALE GREEN + MAY BE A TERTIARY SEDIMENT.
150	175	5R	MG	P	12					LHID		MED. GRAINED, SALMON-RED COLOURED K ALT'D. DIORITE WITH 20% RHYOLITE CHIPS.
175	215	9G	FG							TERT		VERY PALE GREEN, FINE GRAINED, POST-MINERAL DYKE OR SEDIMENT. THE QTZ-EYE RHYL FROM 90-150' OCCURED WITH 20% CHIPS OF THIS MATERIAL.
215	255	5R	MG	P	12	7	1	7	1	LHID		MED. SALMON RED MED. GRAINED DIORITE WITH INTENSE PERVASIVE POTASSIC ALTN AND 1% FINE TO MED. CPY AND PYRITE
255	275	5R	MG							LHID		MED. SALMON RED, MED. GRAINED DIORITE WITH INTENSE PERV. POTASSIC ALTN. 0.3% CPY, 0.5% PY AND 25% TERTIARY SEDIMENT (DYKE?) CHIPS.
275	295	5R	MG							LHID		MED. SALMON RED, MED. GRAINED, INT. POTASSIC ALTN. AND 0.3% CPY.

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
140	145			.01	
145	150			.01	
150	155			.03	
155	160			.06	
160	165			.06	
165	170			.11	
170	175			.06	
175	180			.02	
180	185			.02	
185	190			.02	
190	195			.01	
195	200			.01	
200	205			.01	
205	210			.02	
210	215			.01	
215	220			.05	
220	225			.23	
225	230			.32	
230	235			.43	
235	240			.34	
240	245			.65	
245	250			.84	
250	255			.42	
255	260			.17	
260	265			.16	
265	270			.14	
270	275			.16	
275	280			.12	
280	285			.16	
285	290			.21	
290	295			.16	
295	300			.37	
300	305			.94	
305	310			.93	

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER: R75A-27

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
295	400	RA	mG						P	10			3	3						
							7	1.5												
400	550	RA	mG						P	10					V	2				
							7	0.5												
550	670	9A	PP																	
											7	0.5								
670	685	3R	PP						P	10										
685	695	9A	PP																	
695	725	RA	PP						P	12										

295–400 LITH LH10 — RED (SALMON) - GREY, MED. GRAINED DIORITE WITH INTENSE PERV. POTASSIC ALTN., 1.5% CPY AS FINE TO MED. DISSEMINATIONS AND STRINGERS, LOCAL ALBITE VEINS + PATCHES, OFTEN ASS'D. WITH HIGHER CPY.
REC

400–550 LITH LH10 — RED (SALMON) - GREY, MED. GRAINED DIORITE WITH INTENSE PERV. POTASSIC ALTN, LOCAL NARROW (1-5mm) EPIDOTE VEINS AND 0.5% FINE TO MED. DISS. CPY.
REC

550–670 LITH RH40 — WHITE QUARTZ EYE PORPHYRY RHYOLITE WITH 0.5% PY AS FINE DISSENS. + <1mm THICK VEINS. MINOR CPY @ THE UPPER CONTACT.
REC

670–685 LITH LH20 — DARK REDDISH - BROWN, PORPHYRITIC DIORITE WITH NO VISIBLE SULPHIDES
REC

685–695 LITH RH40 — WHITE, QTZ EYE PORPHYRY RHYOLITE DYKE.
REC

695–725 LITH LH20 — MED. RED (SALMON), MED. GRAINED PORPH. DIORITE WITH INTENSE PERV. POTASSIC ALTN. AND NO VISIBLE SULPHIDES.
REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB
310	315			1.01	
315	320			1.11	
320	325			.95	
325	330			.61	
330	335			.40	
335	340			.70	
340	345			.51	
345	350			.53	
350	355			.30	
355	360			.39	
360	365			.40	
365	370			.55	
370	375			.67	
375	380			.51	
380	385			.46	
385	390			.31	
390	395			.60	
395	400			.36	
400	405			.19	
405	410			.18	
410	415			.35	
415	420			.47	
420	425			.23	
425	430			.14	
430	435			.26	
435	440			.37	
440	445			.28	
445	450			.19	
450	455			.38	
455	460			.48	
460	465			.11	
465	470			.13	
470	475			.67	
475	480			.20	

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
725	800	9A	PP																	
											D	0-3								

LITH RHYL WHITE RHYOLITE DYKE WITH 0-3% FINE, DISSEM. PYRITE.

REC

EOH @ 800'

FROM	TO																			

LITH

REC

FROM	TO																			

LITH

REC

FROM	TO																			

LITH

REC

FROM	TO																			

LITH

REC

FROM	TO																			

LITH

REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
480	485			.06			
485	490			.10			
490	495			.06			
495	500			.21			
500	505			.09			
505	510			.22			
510	515			.09			
515	520			.10			
520	525			.11			
525	530			.12			
530	535			.10			
535	540			.12			
540	545			.12			
545	550			.09			
550	555			.04			
555	560			.31			
560	565			.04			
565	570			.09			
570	575			Ø			
575	580			.01			
580	585			.26			
585	590			.02			
590	595			Ø			
595	600			.01			
600	660		N.S.	—			
660	665		N.S.	Ø			
665	670		N.S.	Ø			
670	675		N.S.	.02			
675	680			.02			
680	685		N.S.	.02			
685	690		N.S.	.01			
690	695		N.S.	Ø			
695	700			.06			
700	705		N.S.				

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-27

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
705	710			.08			
710	715			.24			
715	720			.11			
720	725			.06			
725	730			.03			
730	735			0			
735	740			.05			
740	780		N.S.				
780	785			0			
785	790			0			
790	795			0			
795	800			0			
EOH							

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-28
AREA ALABAMA

HOLE #	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-28	15447.76	9855.48	4061.38	231.06	-42.30	600.00	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET ALABAMA FILL-IN

DOWN HOLE SURVEYS

	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	15																			
15	85	RA	FG						P	8										
							D	0.3			D	0.3	D	2	D	TR.				
85	110	1A	FG																	
							D	0.3					D	7						
110	370	5A	FG						P	4										
							D	0.3			D	0.3	D	3						

0–15
LITH OVER — OVERBURDEN
REC

15–85
LITH LH20 — RED-GREY, FINE GRAINED DIORITE WITH 0.3% CPY AND MINOR MALACHITE.
REC — MODERATE POTASSIC ALTN. 2% DISSEM. MAGNETITE.

85–110
LITH LH20 — BLACK, FINE GRAINED DIORITE WITH 7% MAGNETITE AS FINE CLUSTERS + DISSEMS.
REC — 0.3% CPY AS FINE DISSEMS.

110–370
LITH LH20 — MED. GREY, LOCALLY RED-PINK, FINE GRAINED DIORITE WITH 0.3% FINE DISS.
REC — CHALCOPYRITE

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			.11			
20	25			.24			
25	30			.23			
30	35			.24			
35	40			.33			
40	45			.06			
45	50			.21			
50	55			.09			
55	60			.18			
60	65			.21			
65	70			.12			
70	75			.09			
75	80			.10			
80	85			.13			
85	90			.31			
90	95			.14			
95	100			.12			
100	105			.09			
105	110			.11			
110	115			.15			
115	120			.20			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-28

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT1?	OT A	OT2?	OT2A	
370	465	5A	FG																		
							D	0.6			D	0.3	D	4							
LITH	LH20	MED. GREY, LOCALLY RED-PINK, FINE GRAINED DIORITE WITH 0.6% CPY + 0.3% PYRITE AS FINE DISSEMS.																			
REC																					
465	475	9A																			
LITH	RHYL	WHITE FELSITE DYKE (TERTIARY)																			
REC																					
475	565	5A	FG																		
							D	0-6			D	0.3	D	4							
LITH	LH20	MED. GREY LOCALLY RED-PINK, FINE GRAINED DIORITE WITH 0.6% CPY + 0.3% PY AS FINE DISSEMS.																			
REC																					
565	600	3A	FG																		
LITH	BSLT	DARK GREY FINE TO VERY FINE BASALT (?) DYKE (60-70% OF FRAGMENTS) WITH 30% LH20 AS ABOVE. 595-600 CONTAINS 20% TERTIARY FELSITE DYKE FRAGS.																			
REC																					
LITH		EOH @ 600'																			
REC																					
LITH																					
REC																					

FROM	TO	LITH	SAMP	CU %	AU PPB		
120	125			.21			
125	130			.11			
130	135			.17			
135	140			.17			
140	145			.09			
145	150			.07			
150	155			.07			
155	160			.10			
160	165			.07			
165	170			.07			
170	175			.07			
175	180			.17			
180	185			.09			
185	190			.12			
190	195			.08			
195	200			.06			
200	205			.25			
205	210			.14			
210	215			.08			
215	220			.14			
220	225			.10			
225	230			.08			
230	235			.08			
235	240			.08			
240	245			.13			
245	250			.12			
250	255			.12			
255	260			.11			
260	285			~~.06~~			
265	270			.04			
270	275			.03			
275	280			.12			
280	285			.10			
285	290			.12			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-28

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB
290	295			.11	
295	300			.09	
300	305			.11	
305	310			.08	
310	315			.08	
315	320			.09	
320	325			.10	
325	330			.12	
330	335			.21	
335	340			.24	
340	345			.18	
345	350			.14	
350	355			.14	
355	360			.15	
360	365			.13	
365	370			.22	
370	375			.28	
375	380			.33	
380	385			.25	
385	390			.20	
390	395			.20	
395	400			.08	
400	405			.20	
405	410			.20	
410	415			.11	
415	420			.09	
420	425			.17	
425	430			.25	
430	435			.42	
435	440			.18	
440	445			.31	
445	450			.43	
450	455			.35	
455	460			.63	

HOLE NUMBER R95A-28

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	XF H	XF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

FROM	TO	LTH	SAMP	CU %	AU PPB		
460	465			.65			
465	470		N.S.				
470	475			.07			
475	480			.20			
480	485			.27			
485	490			.54			
490	495			.32			
495	500			.43			
500	505			.28			
505	510			.18			
510	515			.49			
515	520			.31			
520	525			.27			
525	530			.55			
530	535			.76			
535	540			.46			
540	545			.28			
545	550			.16			
550	555			.26			
555	560			.23			
560	565			.13			
565	570			.19			
570	575			.09			
575	580			.10			
580	585		N.S.				
585	590			.02			
590	595			.04			
595	600			.04			
EOH							

SIMILCO MINES LTD. EXPLORATION	HOLE NUMBER	R95A-29	PAGE 1 OF 5
CORE LOGGING FORM	AREA	ALABAMA	

HOLE#	NORTH	EAST	ELEV	COLL AZI	COLL DIP	LENGTH	CORE SIZE
R95A-29	14869.10	10918.82	3826.98	358.09	-44.08	700'	RC

LOGGED BY	DATE LOGGED	DATE BEGUN	DATE COMPLETE	CONTRACTOR
				TONTO

TARGET

ALABAMA FILL-IN

DOWN HOLE SURVEYS	FT	AZM	DIP
1			
2			
3	none		
4			
5			

FROM	TO	COLR	TX 1	TX 2	ST 1 / CL H	S1 A / CL A	ST 2 / CP H	S2 A / CP A	KF H / BO H	KF A / BO A	BI H / PY H	BI A / PY A	AL H / MG H	AL A / MG A	EP H / ML H	EP A / ML A	CY H / OT ?	CY A / OT A	CB H / OT2?	CB A / OT2A
0	20																			
LITH	MVER	OVERBURDEN																		
REC																				
20	255	5A	FG						P	3										
							D	0.3			D	0.5								
LITH	LH2D	FINE TO MED. GRAINED MED. GREY (LOCALLY PINK) DIORITE WITH 0.3% FINE, DISS. CPY + 0.5% FINE, DISSEM. PYRITE. WEAK POTASSIC ALTN.																		
REC																				
255	285	9A																		
LITH	RHYL	WHITE TO LIGHT GREEN/GREY, TERTIARY FELSITE DYKE																		
REC																				
285	460	5A	FG						P	3										
							D	0.3			D	0.3								
LITH	LH20	FINE TO MED. GRAINED, MED. GREY (LOCALLY PINK) DIORITE WITH 0.3% FINE DISS. CPY + 0.3% FINE DISS. PYRITE, WEAK POTASSIC ALTN.																		
REC																				

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
0	15		N.S.				
15	20			.04			
20	25			.12			
25	30			.08			
30	35			.16			
35	40			.11			
40	45			.06			
45	50			.11			
50	55			.11			
55	60			.14			
60	65			.11			
65	70			.07			
70	75			.17			
75	80			.47			
80	85			.49			
85	90			.19			
90	95			.06			
95	100			.06			
100	105			.06			
105	110			.05			
110	115			.12			
115	120			.07			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-29

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A
460	490	5A	FG																	
490	700	RA	FG						P	8										
							D	0.3			D	0.3								

460–490

LITH LH20 FINE TO MED. GRAINED, MED. GREY (LOCALLY PINK) DIORITE WITH 0.3% FINE, DISS. CPY + PYRITE + 40% WHITE FELSITE DYKE CHIPS.

REC

490–700

LITH LH20 FINE TO MED. GRAINED, RED-GREY DIORITE WITH MODERATE POTASSIC ALTN. AND 0.3% FINE, DISS. CPY + PYRITE

REC

LITH

REC

EOH @ 700'

LITH

REC

LITH

REC

LITH

REC

SAMPLING

FROM	TO	LTH	SAMP	CU %	AU PPB		
120	125			.11			
125	130			.07			
130	135			.07			
135	140			.05			
140	145			.07			
145	150			.12			
150	155			.14			
155	160			.09			
160	165			.11			
165	170			.12			
170	175			.11			
175	180			.07			
180	185			.09			
185	190			.08			
190	195			.12			
195	200			.10			
200	205			.15			
205	210			.08			
210	215			.17			
215	220			.04			
220	225			.02			
225	230			.13			
230	235			.06			
235	240			.10			
240	245			.07			
245	250			.16			
250	255			.07			
255	260			.03			
260	265			.02			
265	270			.01			
270	275			.03			
275	280			.04			
280	285			.03			
285	290			.06			

FROM | TO | COLR | TX 1 | TX 2 | ST 1 | S1 A | ST 2 | S2 A | KF H | KF A | BI H | BI A | AL H | AL A | EP H | EP A | CY H | CY A | CB H | CB A | SAMPLING

CL H | CL A | CP H | CP A | BO H | BO A | PY H | PY A | MG H | MG A | ML H | ML A | OT ? | OT A | OT 2? | OT2A

LITH

REC

LITH

REC

LITH

REC

LITH

REC

LITH

REC

LITH

REC

FROM	TO	LITH	SAMP	CU %	AU PPB		
290	295			.05			
295	300			.04			
300	305			.03			
305	310			.03			
310	315			.04			
315	320			.05			
320	325			.04			
325	330			.08			
330	335			.06			
335	340			.06			
340	345			.06			
345	350			.06			
350	355			.14			
355	360			.19			
360	365			.18			
365	370			.06			
370	375			.05			
375	380			.06			
380	385			.08			
385	390			.12			
390	395			.09			
395	400			.06			
400	405			.10			
405	410			.13			
410	415			.07			
415	420			.07			
420	425			.11			
425	430			.09			
430	435			.08			
435	440			.12			
440	445			.17			
445	450			.13			
450	455			.15			
455	460			.07			

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER K95A-29

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

LITH
REC

SAMPLING

FROM	TO	LITH	SAMP	CU %	AU PPB	
460	465			.14		
465	470			.05		
470	475			.05		
475	480			.05		
480	485			.05		
485	490			.15		
490	495			.15		
495	500			.14		
500	505			.12		
505	510			.13		
510	515			.15		
515	520			.12		
520	525			.14		
525	530			.05		
530	535			.07		
535	540			.05		
540	545			.19		
545	550			.17		
550	555			.33		
555	560			.07		
560	565			.13		
565	570			.06		
570	575			.19		
575	580			.10		
580	585			.04		
585	590			.06		
590	595			.14		
595	600			.05		
600	605			.02		
605	610			.10		
610	615			.06		
615	620			.08		
620	625			.10		
625	630			.14		

SIMILCO MINES LTD. EXPLORATION
CORE LOGGING FORM

HOLE NUMBER R95A-29

FROM	TO	COLR	TX 1	TX 2	ST 1	S1 A	ST 2	S2 A	KF H	KF A	BI H	BI A	AL H	AL A	EP H	EP A	CY H	CY A	CB H	CB A	SAMPLING
					CL H	CL A	CP H	CP A	BO H	BO A	PY H	PY A	MG H	MG A	ML H	ML A	OT ?	OT A	OT2?	OT2A	

LITH
REC

LITH
REC

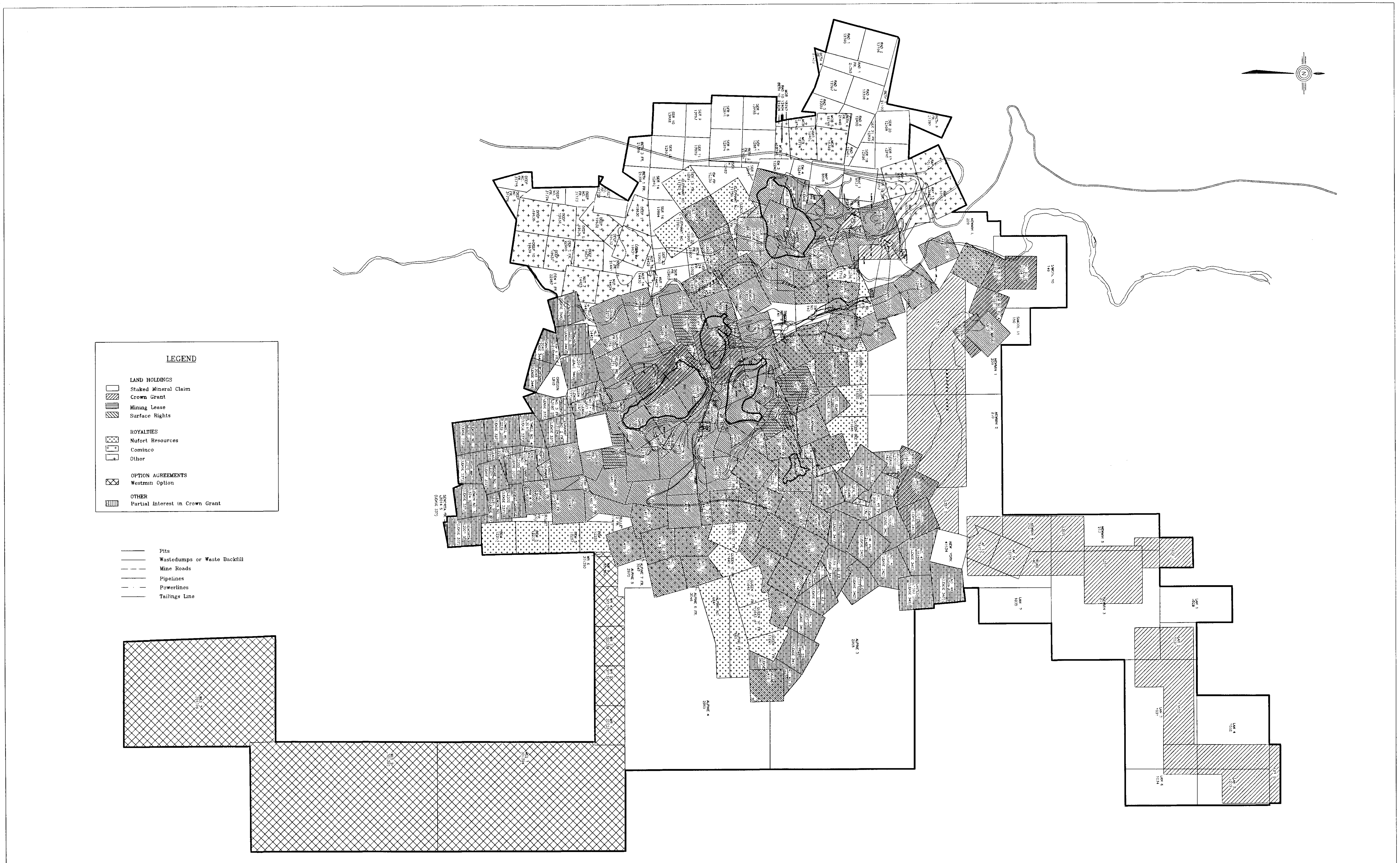
LITH
REC

LITH
REC

LITH
REC

LITH
REC

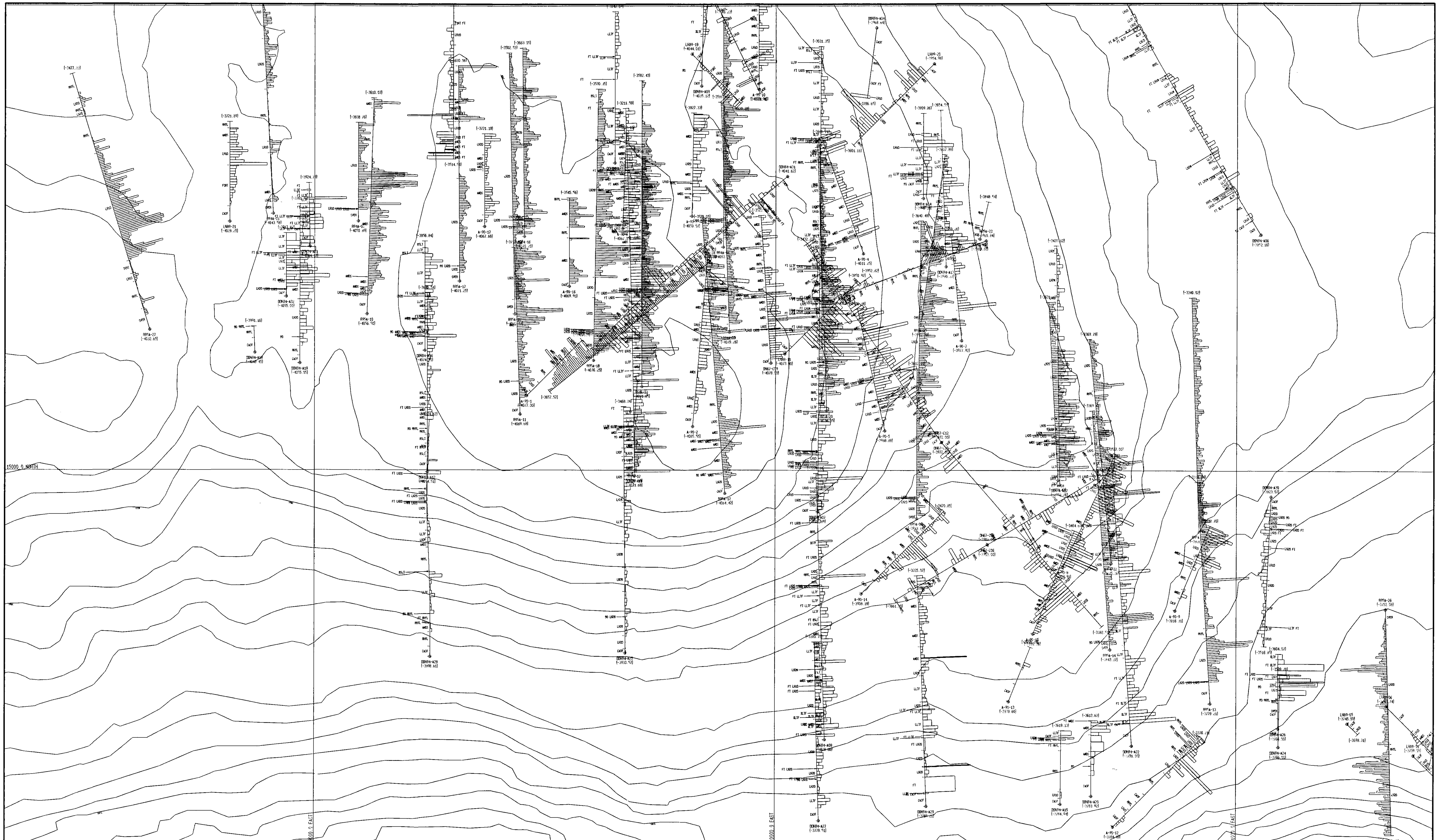
FROM	TO	LITH	SAMP	CU %	AU PPB		
630	635			.11			
635	640			.16			
640	645			.08			
645	650			.07			
650	655			.08			
655	660			.09			
660	665			.09			
665	670			.08			
670	675			.12			
675	680			.11			
680	685			.04			
685	690			.12			
690	695			.16			
695	700			.10			
EOH							



SECTION:		SIMILCO MINES LTD. – PRINCETON, B.C.	MAP #1 CLAIMS AND LAND STATUS
SCALE:	1:24000		SIMILCO MINE PROPERTY
DESIGN BY	SJB		FILENAME:
DRAWN BY:	SJB		DEPARTMENT: GEOLOGY
CHECK BY:			DRAWING NO. 1
APP BY:			REV

GEOLOGICAL BRANCH ASSESSMENT REPORT

24,041



Similco Mines
P.O. Box 520
Princeton, BC
V0X 1W0

	DATE: 09/14/95	TIME: 14:18:48
1		
2		
3		
4		
5		

Princeton Mining Corp.

ALABAMA RC AND DIAMOND DRILLING

Histograms of Cu (%)
(1" = 1.0% Cu)

(2)

SCALE (HORIZONTAL) 1": 100' SCALE (VERTICAL) 1": 100'

Software by GEMCOM Services Inc.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,041