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ATNA RESOURCES LTD.

GEOLOGICAL and DIAMOND DRILLING REPORT on THE MONEY PROPERTY

Yukon Territory
NTS 105H/5 and 105G/8
61°25' North Latitude 130°00' West Longitude

Prepared for

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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $ 17,100.

For Regional Manager, Exploration and
Geological Services for Commissioner,
of Yukon Territory.

GEOLOGICAL, AND DIAMOND DRILLING REPORT ON THE MONEY PROPERTY

TABLE OF CONTENTS

1.0 INTRODUCTION

The Money property is located in the southeastern Yukon, approximately 140 kilometres southeast of Ross River, in the Watson Lake Mining District (Figure 1). The Money mineralization is hosted by a thin sequence of maroon and green shales and cherty sediments within a thick package of pillowed basaltic flows and associated volcaniclastic rocks. This mafic package is of uncertain affinity and may be a mafic member of the Devono-Mississippian Yukon Tanana Terrane or, as is more generally accepted, belongs to the Slide Mountain Terrane. In this region, Devono-Mississippian rocks of the Yukon Tanana Terrane are host to Cominco's nearby ABM deposit (Kudz Ze Kayah), Columbia Gold's Fyre Lake Deposit and Westmin/Atna's Wolverine deposit. The Slide Mountain Terrane is host to Expatriate Resources' Ice Property discovery. The Money property mineralization represents a VMS (volcanogenic massive sulphide) target containing primarily copper with additional zinc, silver and gold. Previous work conducted in the early 1980's, including diamond drilling, geophysics and prospecting uncovered massive pyritic boulders and subcropping massive pyrite in two parallel drainages: Welcome North and Boulder Creeks. The best results from surface include 1.1% copper, 220 ppb gold and 31.9 ppm silver in a massive sulphide boulder and a 1981 drill hole intersection grading 0.62% copper, 34.9 g/t silver, and 750 ppb gold over 1.2 metres (Kallock, 1995).

In August of 1996, a program involving diamond drilling with limited mapping and soil geochemistry was conducted to test the downdip and strike potential of the known showings in Boulder and Welcome North Creeks. Atna Resources Ltd. (Atna) contracted Equity Engineering Ltd. (Equity) to conduct this program and to report on the fieldwork. At the completion of 5 holes and a total of 681.5 metres of drilling, the program was halted pending analytical results. In September of 1996, Atna carried out the drilling of an additional two follow-up holes that totalled 284.1 metres. The primary objective of the 1996 program was to test down-dip and along strike from the mineralized showings and follow up on the results of a three-hole program completed by Esso Resources Ltd. in 1981. Through this drilling, it was hoped that metal zonation could be defined that would lead to improved grades down-dip and along strike.

2.0 LIST OF CLAIMS

The Money claims are comprised of 46 contiguous Yukon mineral claims, located in the Watson Lake Mining District (Figure 2). The claims are currently under option agreement to Atna from YGC Resources Ltd. Claim data for the Money property is summarized in Table 2.0.1.

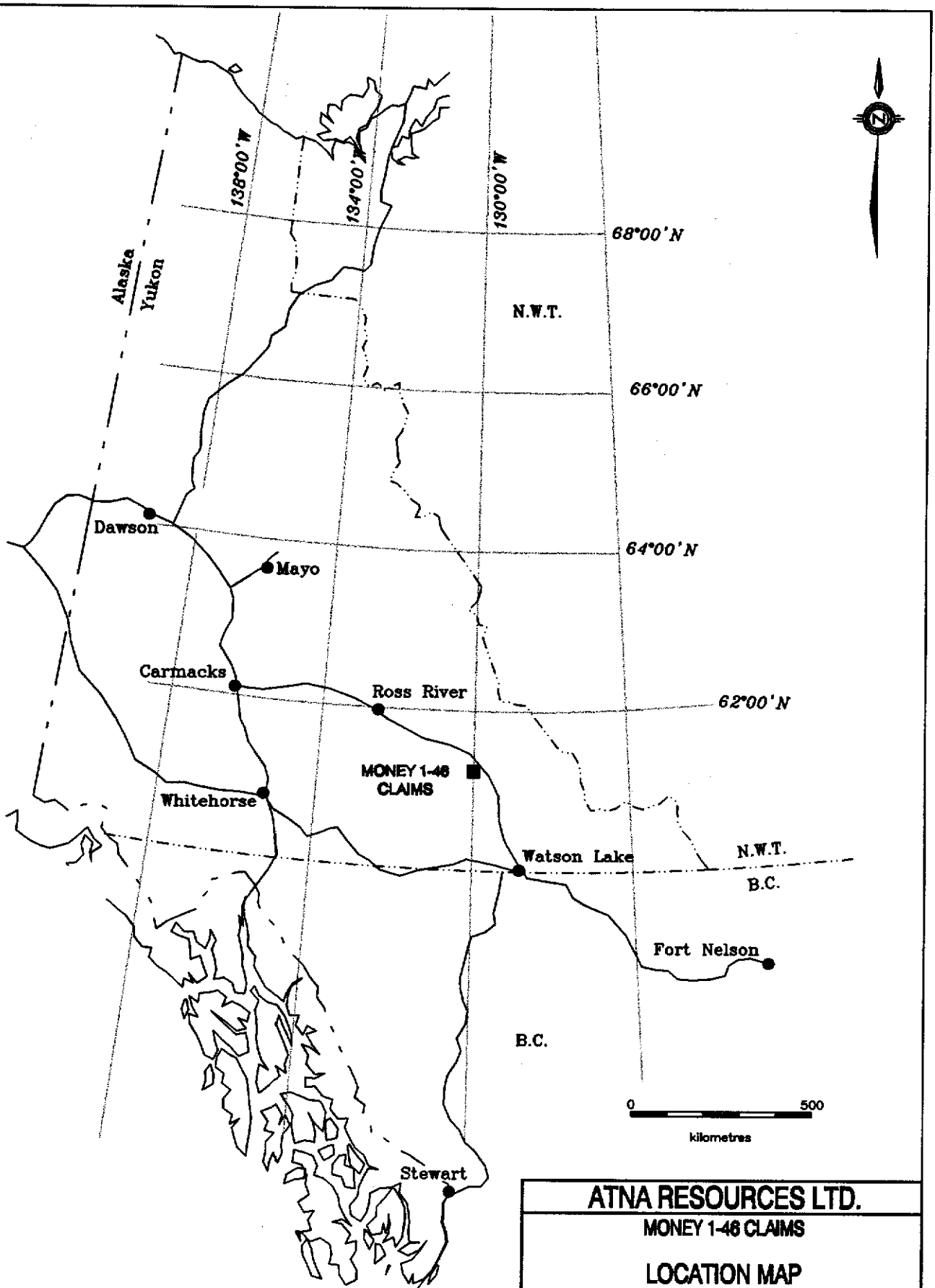
Table 2.0.1
CLAIM DATA

Claim Name	Grant Number	No. of Claims	Expiry Date
Money 1-20	YB16726-16745	20	March 20, 2001*
Money 21-46	YB51926-51951	26	August 31, 2002*
		46	

*The above dates will change upon filing of the work described in this report.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Money property is located approximately 140 kilometres southeast of Ross River, Yukon in the Pelly Mountains. The property lies on the southwest side of the Robert Campbell Highway roughly



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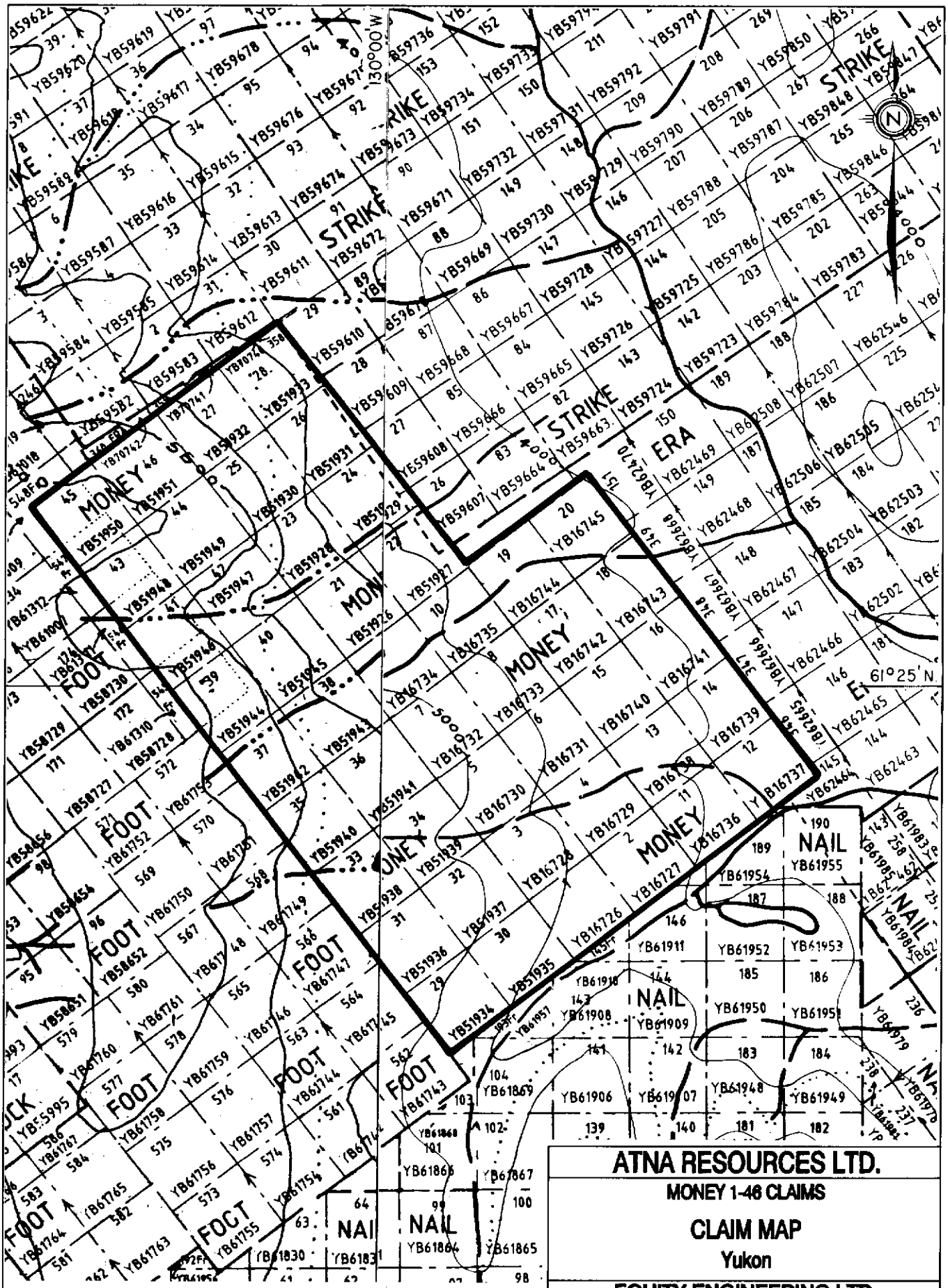
MONEY 1-46 CLAIMS

LOCATION MAP

EQUITY ENGINEERING LTD.

Date: February 1997	Scale: 1:1000	Figure
N.T.S.: 105G/8 & 105H/5	Mining District: Watson Lake, Yukon	1



ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS

CLAIM MAP

Yukon

EQUITY ENGINEERING LTD.

Date	Scale	Figure
February 1997	As shown	2
N.T.S. 105G/8 & 105H/5	Mining District Watson Lake	

halfway between Ross River and Watson Lake, at approximate co-ordinates 61°25'N, 130°00'W, on NTS map sheet 105G/8 and 105H/5. Elevations vary from 1140 to 1840 metres. The region was glaciated in the Pleistocene forming a terrane of steep walled cirques and steep walled valleys that drain to the east. Outcrop on the western portion of the property averages in the 15-20% range, occurring largely on ridges, and in incised stream valleys. To the east, steep mountainous terrain descends to the flat valley bottom of Money Creek, which is essentially devoid of outcrop. The area has a continental climate with moderate levels of precipitation and a wide temperature range. Summers are typically pleasant with long daylight hours whereas winters are long and may be extremely cold. Most of the snow cover disappears by the start of June and may return by the beginning of October.

The approximately 1000 metre long Wolverine airstrip is located 7 kilometres southwest of the 1996 camp site and was used for mobilizing the drill and camp supplies with a Shorts Skyvan aircraft based out of Whitehorse. The drill and a 3 man fly camp were shuttled from Atna's Argus property, 80 kilometres to the west, to the Wolverine airstrip and then moved by helicopter to the Money camp and drill site locations. Drill crews were housed at the Wolverine camp while the geological crew camped and established a core facility at Camp Creek.

4.0 REGIONAL AND PROPERTY EXPLORATION HISTORY

The Julia 1-10 claims were staked in 1980 after the discovery of massive sulphides in Welcome North Creek. The property was optioned to Arbor Resources Inc. who carried out geophysical and geological surveys in the same year. In 1981, Arbor, in a joint venture with Esso Resources Canada, conducted electromagnetic, magnetic and additional geochemical surveys that were followed up with three diamond drill holes totalling 329 metres. The property was allowed to lapse and was restaked by YGC Resources Ltd. in 1990 (Yukon Minfile, 1995). In 1994, additional claims, the Money 21-46, were staked and subsequently optioned to Atna. In 1995, Atna carried out a program of geological mapping, rock and soil sampling, hand trenching and horizontal loop EM geophysics.

5.0 1996 EXPLORATION PROGRAM

Work on the Money claims was carried out in three separate periods: June 25 through June 30, July 23 through August 5 and September 16 through 28. In June, a program of property mapping, prospecting, and rock sampling was carried out. A declination of 26°13'E, obtained from the Geological Survey of Canada, Geomagnetic Laboratory, was used on the property in all compass work. Mapping was carried out at a scale of 1:2500 and reproduced at a scale of 1:5000 for reporting.

A total of five rock surface samples were collected on the property and analyzed for 24 elements by ICP plus gold and a single sample was analyzed by XRF for major element oxides and selected trace elements. A total of 51 soil samples were collected on two slope-corrected reconnaissance grid lines and a single contour line. Soil samples were collected, where possible, from "B" and "C" horizon material at depths ranging from 5 to 30 centimetres and placed in labelled kraft envelopes. The sample site was marked in the field by blue and orange flagging and tyvek tags. The sampler recorded notes pertaining to sample horizon, colour, texture, vegetation, and local physiography. Samples were partially air-dried in camp and then shipped to Chemex Labs of North Vancouver, B.C. for sample preparation and analysis. A total of six silt samples were taken and placed in numbered kraft envelopes and the site marked with orange flagging and a tyvek tag. Samples were described, prepared and processed by the same methods as the soil samples.

A first phase drill program consisting of 5 holes, totalling 681.5 metres was completed by Equity in

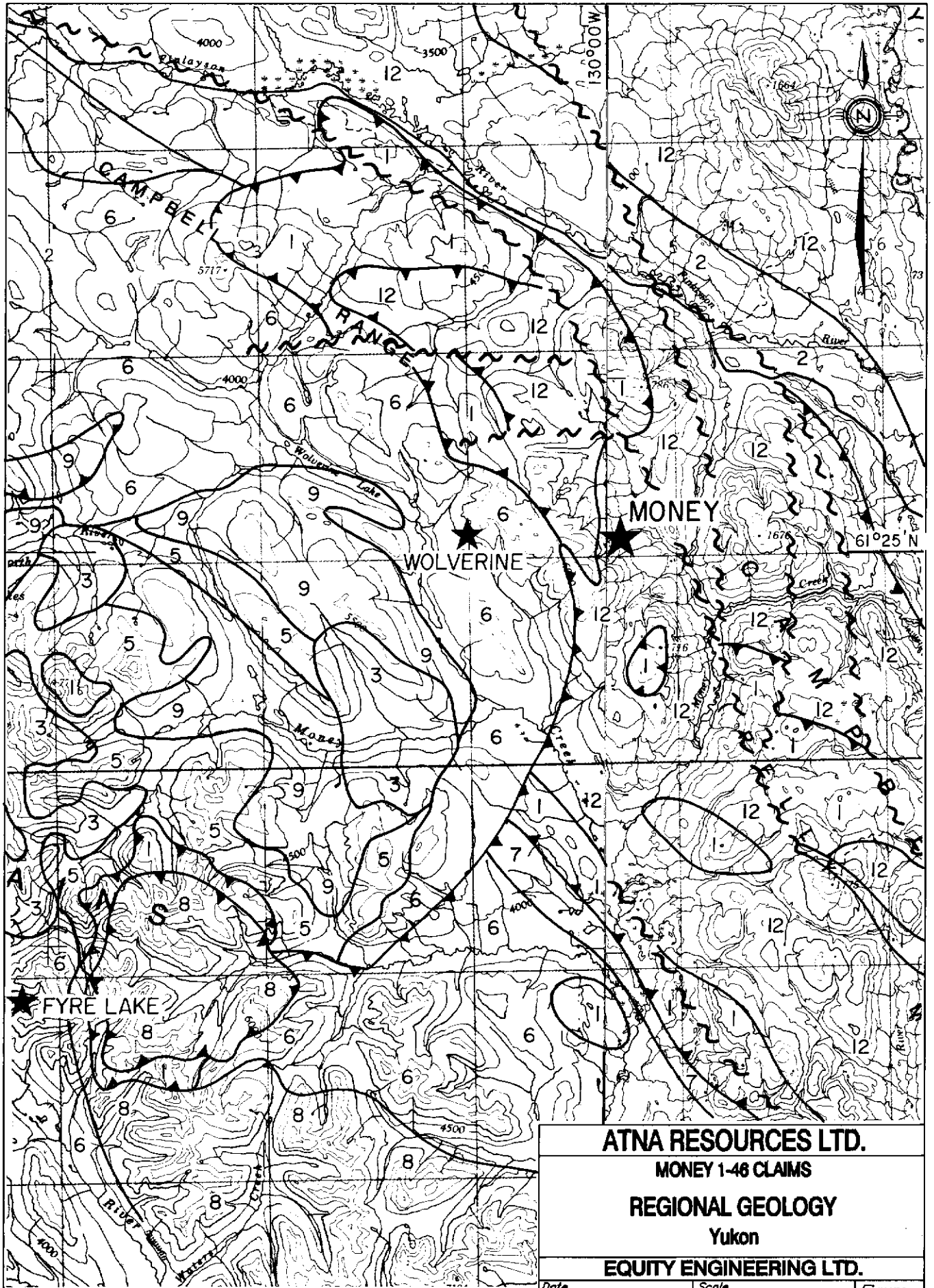
August and halted pending the results of assays. In September, Atna continued the program and completed a second phase of drilling consisting of two holes, totalling 284.1 metres. First phase drilling was carried out by Britton Brothers Drilling Ltd., of Smithers, B.C. using an Britton 2500 drill rig. The second phase drilling was carried out by Kluane Drilling Ltd. using a Longyear 38 drill. All NQ core for the first phase of drilling was logged, photographed, tested for magnetic susceptibility and stored on the property at the Camp Creek camp site (UTM co-ordinates 446400E, 6810200N). The logging and splitting of the second phase drilling was conducted at the Wolverine Camp, but stored at the Money camp site. A total of 68 core samples were split and one half analyzed for gold, plus 24 elements by ICP geochemistry and five were also analyzed by XRF for major element oxides and selected trace elements. Copper, lead, zinc and silver assays were performed on overlimit results. A complete set of results for gold and 24 elements by ICP geochemistry for core, rocks, soils and silts are contained in Appendix E.

6.0 REGIONAL GEOLOGY

The region lying northeast of the Tintina Trench and southwest of Frances and Finlayson Lakes is referred to as the Southern Yukon Tanana Terrane (SYTT)(Figure 3). The regional geology of the SYTT has most recently been defined by the work of Tempelman-Kluit et al. (1976), and Mortensen (1985, 1992) and Plint (1996).

Mortensen considers the Yukon Tanana Terrane (YTT) to be the innermost of the accreted terranes in the western Canadian Cordillera. It is comprised largely of a Late Devonian-Mississippian volcanic-plutonic, pericratonic arc assemblage that was strongly deformed and metamorphosed in the late Triassic. The YTT extends south into British Columbia and north in the northern Yukon and on into Alaska where it is host to several volcanogenic massive sulphide (VMS) deposits in the Delta district. The YTT is believed to be a displaced equivalent to the Kootenay and Barkerville Terranes of southern and central British Columbia, which are also host to several VMS deposits.

The Yukon Tanana Terrane has recently been the focus of intense exploration activity, spawned by recent VMS discoveries. In early August of 1994, Cominco Exploration Ltd. announced the discovery of their ABM (Kudz Ze Kayah Project) VMS deposit, which is now estimated to contain an open pit reserve of 11.3 million tons, grading 0.9% copper, 1.5% lead, 5.9% zinc, 1.3 g/t gold and 133 g/t silver (Northern Miner, Vol. 82, No. 27, 1996). The deposit, which is located 32 kilometres west of the Money property, is hosted in felsic metavolcanics and sediments having a spatial association with a quartz-feldspar porphyry and mafic sill. In 1996, Columbia Gold Mines Ltd. extensively explored the Fyre Lake deposit, a mafic-hosted, copper-cobalt VMS deposit, 37 kilometres southwest of the Money property. Results of that program include drill hole intercepts of 6.6 metres grading 1.8% copper, 1.26 g/t gold, 0.22% cobalt and 31.3 metres of 2.29% copper and 0.52 g/t gold (Company com., 1996). The Wolverine deposit of Westmin/Atna is located 7 kilometres southwest of the Money. The Wolverine is a precious metal-rich, polymetallic VMS deposit hosted in argillaceous sediments and felsic volcaniclastics with associated porphyritic rhyolite domal rocks. Published reserves of the Wolverine are 5.3 million tonnes grading 1.81 g/t gold, 359.1 g/t silver, 12.96% zinc, 1.41% copper and 1.53% lead (Northern Miner, Vol. 82, No. 40). In late September of 1996, Expatriate Resources Ltd. announced a significant discovery on their Ice property 85 kilometres northwest of the Money property. The Ice mineralization is unusual since it is hosted in basalts of the Slide Mountain Terrane, which up until this time was not known to host VMS mineralization. Initial drilling was aimed at evaluating a newly discovered copper oxide body, however, during this drilling, several 1-3 metre intercepts of massive pyrite were intersected that contained anomalous copper and zinc values. It later became clear that these pyrite layers were facies equivalents to the massive copper-bearing sulphides further down-dip in hole #34, which graded 5.2% copper over 20 metres. This discovery is highly significant for the potential on the Money property since the Money mineralization is of a similar style and is also hosted in Slide Mountain basalts (Plint, 1996).



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MONEY 1-46 CLAIMS

REGIONAL GEOLOGY

Yukon

EQUITY ENGINEERING LTD.

Date: February 1997	Scale: 1 : 250,000	Figure
N.T.S.: 105G/8 & 105H/5	Mining District: Watson Lake	3

LEGEND

(to accompany Figure 3)

NORTH AMERICAN CONTINENTAL MARGIN

11 — *Pre-Triassic* sedimentary and volcanic rocks

CAMPBELL RANGE BELT

10 — massive carbonate

9 — dominantly grey chert and metachert, structurally interleaved with minor mafic and felsic metavolcanics, greenstone and serpentinite (Slide Mt.?)

YUKON-TANANA TERRANE

8 — *Early Jurassic* - mafic stocks

7 — augen orthogneiss

6 — *Devonian-Mississippian* - interlayered mafic and minor felsic metavolcanic rocks, carbonaceous metasediments and quartzeye grits (*middle unit*, Nasina equivalent)

5 — *Pre-late Devonian* - micaceous quartzite, minor marble (*lower unit*, Nisling equivalent)

UNITS COMMON TO ALL THREE TERRANES

4 — *Cretaceous and Tertiary* - volcanic rocks

3 — *Mid-Cretaceous* - felsic intrusive rocks

2 — *Late Triassic* - immature clastic sediments

1 — serpentinized ultramafic rocks, greenstone, cherts, minor diabase and gabbro (Slide Mt.?)

SYMBOLS

stratigraphic or intrusive contact

thrust fault (teeth on hanging wall)

• Geology after Mortensen & Jilson, 1985

The Slide Mountain volcanics hosting the Money occurrence form a northwest-trending irregular lens of mafic volcanics that is approximately 25 kilometres long by 5 kilometres across its widest point. Recent mapping (Plint, 1996) suggests that the Slide mountain Terrane is in thrust contact with the underlying Yukon Tanana rocks hosting the nearby Wolverine deposit. Evidence from the Wolverine property suggests that the mafic volcanics that form the hanging-wall to the Wolverine felsic/sedimentary stratigraphy may in fact be conformable, however, there is little known about the continuity of section between the Wolverine and the structurally higher, Money occurrence.

7.0 PROPERTY GEOLOGY AND MINERALIZATION

The geology of Money property is dominated by thick sequences of monotonous pillowed basalts that are well exposed on the steeper portions of the property. These are generally dark green and fine-grained with heterogeneous foliation developed along chlorite-quartz-epidote altered pillow selvages. Short sections within the greater pillowed flows include pillow breccias, lapilli tuffs, and hyaloclastites. In proximity to interflow sediments, hematite and jasper occur as a pervasive maroon coloration, as the matrix to pillow breccias, and along pillow selvages.

There are, within the basalt sequence, at least one, and possibly three, intervals of fine-medium-grained sediments and tuffs. The most well-defined sedimentary interval also hosts the massive sulphide mineralization and is exposed in Welcome North and Boulder Creeks. In Welcome North Creek, the sedimentary interval consists of a greater than 50 metre thickness of pale green-grey chert breccia, interlaminated chert, minor basaltic tuff and pink jasperoidal chert. Beneath this is a 5-15 metre thick sequence of interbedded maroon, green and black shale-siltstone, which immediately overlies an approximately 2 metre thickness of massive pyrite with lesser chalcopyrite and sphalerite. Beneath the massive sulphides is 3-10 metres of basalt pillow breccia with interstitial hematitic mudstone, which grades into monotonous pillowed basalts. In Boulder Creek, the sequence is similar but the chert and maroon sediment sections are thinner and the maroon sediments are not in direct contact with the massive sulphides. The similar successions and mapping over the poorly exposed intervening area between the Boulder and Welcome North Creek showings indicate that the massive sulphides on the two separate drainages lie on the same stratigraphic interval, marked by maroon and oxidized fine-grained sediments. To date no evidence for massive sulphides occurring within this intervening area have been noted by either soil geochemistry or rock sampling.

The two other sedimentary horizons occur roughly 200 metres up, and down section from middle sediment/massive sulphide horizon. The structurally lowest horizon is poorly exposed in Camp Creek and on the south ridge from Camp Creek. Lithologies include greywacke, chert and pyritic basalt tuff. The upper horizon is exposed on the north slopes of Camp Creek and may correlate with other exposures of greywacke, chert and phyllite in Welcome North Creek. Neither of these two horizons has been mapped in any detail and as a result, the extents of these units shown on figure 4 are largely inferred.

Mineralization on the property is of two types: discordant quartz-pyrite-chlorite±sericite stockwork and massive weakly banded conformable pyrite. In Welcome North Creek, massive, moderately well-banded pyrite with a siliceous matrix is exposed as boulder float and in a trench exposure where the true thickness approaches two metres and sampling has returned chip sample results of 0.17% copper and a grab sample running 500 ppb gold (Kallock, 1995). Drilling of this showing in 1981 failed to intersect massive sulphides. In Boulder Creek, massive pyritic sulphides comprise large float boulders in the creek bottom. Surface results here have returned assays of 1.1% copper, 31.9 g/t silver and 0.22 g/t

gold. The best drill result down-dip of the surface showing returned 1.2 metres grading 0.62% copper, 0.15% zinc, 32.0 g/t silver and 0.7 g/t gold.

Discordant stockworks occur in three areas, the most prominent of which is on the south side of Boulder Creek (Boulder Creek Gossan). This large expanse of gossanous scree consists of strongly silicified, lesser chlorite-sericite altered basalt with disseminated and stringer controlled pyrite±chalcopyrite. Outcrop is rarely noted and the altered zone weathers recessively with occasional resistant masses of weakly altered basalt occurring within it. Rock sample results from this gossan include values as high as 3768 ppm copper. In holes MON96-3 and -4, very similar stockwork mineralization was intersected and had similar low grade copper grades. Another gossan lies on the south side ridge of Camp Creek and is characterised by variable intense silicification and minor chlorite ±sericite alteration with up to 5% pyrite and traces of pyrrhotite. The best result from this gossan returned 3.3% copper, but most mineralized samples gave results well below one percent. The altered and mineralized protolith of this particular gossan are the sediments and volcaniclastics that comprise the lower sedimentary horizon as described above. The Camp Creek gossan lies immediately up-slope from the 1996 camp site. The actual orientation of the gossan is difficult to discern, however, it does seem to trend northwest, coincident with an EM conductor (A). Alteration and mineralization at the Camp Creek gossan is very similar to the Boulder Creek gossan. A selective sample of the altered and mineralized basalt-basalt tuff assayed 5987 ppm copper and 480 ppm zinc. It is also notable that a number of samples of the various exposures of stockwork mineralization are also anomalous in cobalt and relatively low in gold relative to samples of the massive sulphides. These gossanous zones are thought to represent footwall stockwork zones like those often associated with, and proximal to, massive sulphides in Cyprus-type VMS deposits.

Structural features exposed on the property consist of heterogeneous schistosity formed along pillow selvages and strong schistosity within the altered stockwork zones. Schistosity in pillowed sections is variable in orientation, but foliation developed in clastic rocks and in the altered stockwork zones is largely parallel to stratigraphy. Folding is not evident, but local strike slip faults, trending parallel to stratigraphy, are noted on surface and expressed as EM conductors. Orientation of stratigraphy on the property is defined by the sedimentary units which have an average attitude of 155°/50-65°E.

8.0 DIAMOND DRILLING

Drilling on the Money property in 1996 was centred on the Welcome North and Boulder Creek Showings. Drilling was concentrated here since it was hoped that metal zonation might result in better grades down-dip and along strike, compared to those obtained from surface and the 1981 drilling. Holes MON96-1 and -2, drilled from the same set-up, were aimed to test the down-dip and strike continuation of the massive pyrite located on surface in Welcome North Creek (Figures 5, 6). The collar of MON96-1, -2 was located 32 metres from the collar of DDH81-3 on an azimuth of 093°. Hole DDH 81-3 failed to intersect mineralization, however, intervals where the sulphide zone was expected had very poor recoveries (Figure 7). Hole MON96-1 drilled beneath DDH 81-3 at an inclination of -50° and MON96-2 drilled to the north of holes MON96-1, at an inclination of -56°, both failed to intersect massive sulphide mineralization. The sequence exposed on surface, with the exception of the massive sulphides, was represented in both drill holes, although the maroon sediment layer appeared to thin down-dip. Poor recoveries and faulting may be responsible for the absence of sulphides in hole MON96-2 where a three metre washout with no core recovery occurred at the expected depth of the massive sulphide layer.

Table 8.0.1
DIAMOND DRILL HOLE SURVEY DATA

Hole #	Grid Location (UTM)		Elevation	Azimuth	Dip	Length
	Northing (m)	Easting (m)	(m)	(°)	(°)	(m)
MON96-1	6808736	447128	1449	290	50	115.8
MON96-2	6808736	447128	1449	312	56	135.9
MON96-3	6809660	446700	1430	252	50	121.9
MON96-4	6809660	446700	1430	252	69	189.0
MON96-5	6809660	446700	1430	310	45	118.9
MON96-6	6809660	446700	1430	310	60	90.3
MON96-7	6809659	446780	1410	270	45	193.8
DDH81-1	6809617	446691	1443	250	45	122.2
DDH81-2	6809617	446691	1443	295	45	120.7
DDH81-3	6808738	447097	1453	250	45	82.9
					Total 1996	965.6

*Note: locations and elevations are approximate

Holes MON96-3, -4, -5 (first phase) and MON96-6 (second phase) were all drilled from the same set-up on Boulder Creek from a location 44 metres from DDH81-1, -2 on an azimuth of 012°. Holes MON96-3 and 4 were drilled on an azimuth of 252°, down-dip of DDH81-2 (Figure 8)(Figure 9) . Hole MON96-3 did not intersect massive sulphides, but hole MON96-4 intersected pyrite and chalcopyrite-bearing massive sulphides. Both holes MON96-3 and MON96-4 intersected zones of quartz-sericite-pyrite±chlorite stockwork up to 20 m thick. Hole MON96-7 (second phase) drilled from a set-up 80 metres to the east of, and beneath MON96-3 and -4, also intersected massive pyritic sulphides, but with no associated stockwork zone. Hole MON96-5 drilled toward the northwest intersected massive pyritic sulphides 53 metres north of, and approximately at the same elevation as the intersection in MON96-4. Hole MON96-6 was designed to test down-dip of MON96-5, but was aborted in a fault on the hanging wall side of the expected intersection (Figure 10).

The drill results in the table below show the results for the mineralized intercepts in holes MON96-3 through -7 and classifies the intercepts into categories of either massive sulphides or stockwork sulphides. No significant mineralization was found in MON96-1 and -2.

Table 8.0.2
SUMMARY OF SIGNIFICANT INTERSECTIONS - 1996 DRILLING

Hole #	From (m)	To (m)	Width (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Type
MON96-3	67.1	73.8	6.7	60	3.0	1976	2742	stockwork
	78.1	78.8	0.7	50	4.2	1610	1005	"
	82.6	83.0	0.4	185	5.4	2080	3440	"
	104.2	106.8	2.6	50	2.2	1050	836	"
	109.3	109.9	0.6	20	4.2	2860	706	"
MON96-4	72.0	72.2	0.2	275	13.8	1055	882	stockwork
	74.1	75.1	1.0	407	21.0	17534	3970	massive
including	74.6	74.9	0.3	845	38.4	48100	4250	massive
MON96-5	85.3	86.3	1.0	260	15.6	4250	868	stockwork
	87.8	88.9	1.1	526	32.0	9988	6265	massive

Table 8.0.2 Continued
SUMMARY OF SIGNIFICANT INTERSECTIONS - 1996 DRILLING

Hole #	From (m)	To (m)	Width (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Type
MON96-6	85.9	86.2	0.25	50	3.0	8420	16	stockwork
MON96-7	94.2	95.4	1.15	20	0.1	1805	6	stockwork

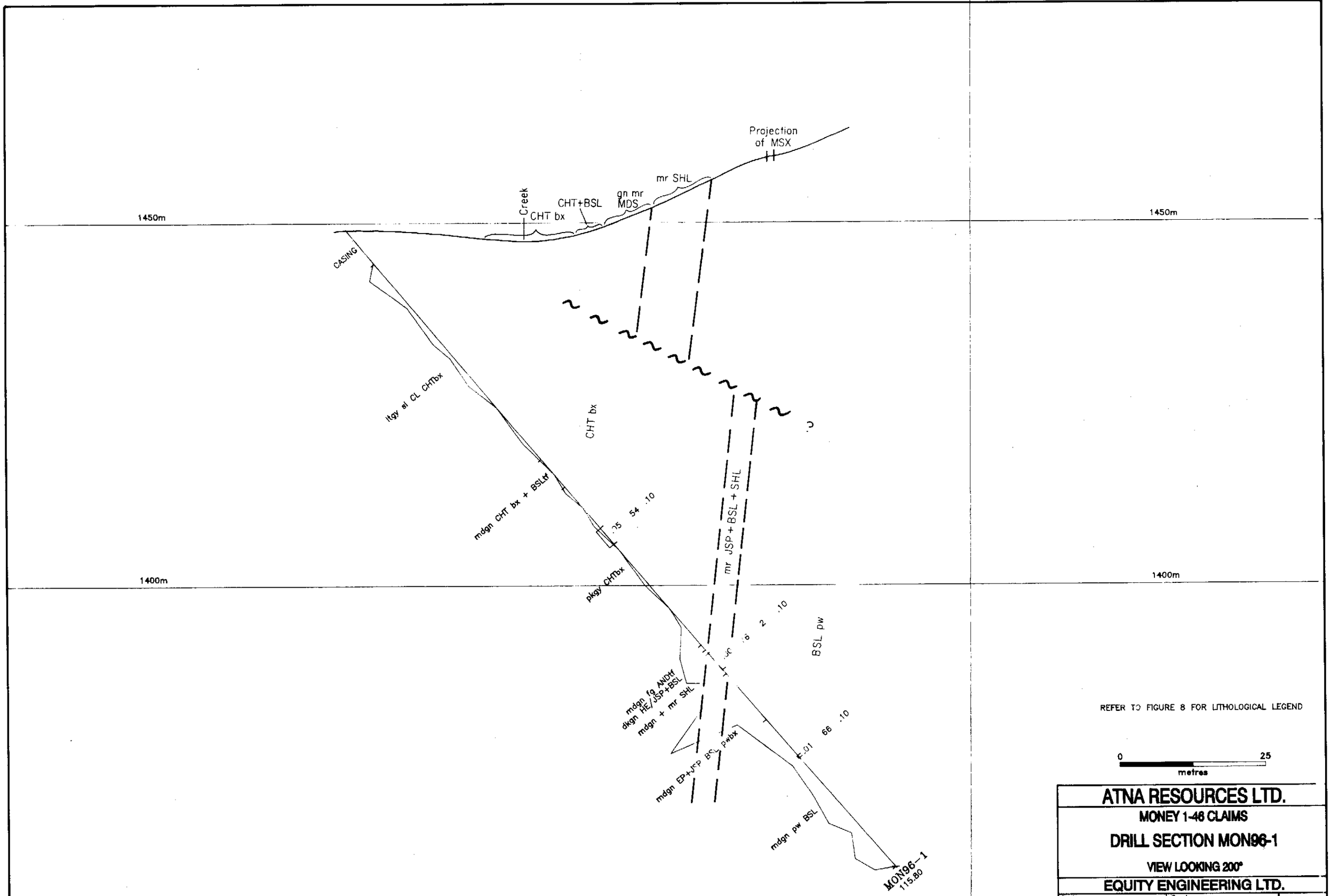
This spread of holes defines a tabular, partly discontinuous massive sulphide layer with a down-dip length of at least 130 metres, a strike length greater than 50 metres and an average thickness of 1.0 metre. In the down-dip sense, in holes DDH81-2, MON96-4 and -7, the thickness of the massive sulphide layer is virtually constant; although the absence of massive sulphide layer in MON96-03 suggests the presence of a fault or local pinch-out. The massive sulphide intercept in hole MON96-7 was lost during transport from the Money property to the Wolverine camp and was not assayed. With respect to metal zonation, results from DDH81-2 and MON96-4 show a slight decrease in gold and silver (constant Au/Ag) and an increase in copper-zinc values (constant Cu/Zn). Variation in the grades, south to north, by comparison of holes MON96-2 and 4 with MON96-5 also show a trend where gold remains constant, silver decreases (decreasing (Au/Ag), and zinc increases while copper decreases (decreasing Cu/Zn).

Drilling on the Money property in 1996 indicated continuity of the surface sulphide mineralization in Boulder Creek down-dip and along strike as far as tested. Drilling was restricted to a small area, but within this area, there is no indication of significant thickness variation. Metal concentrations appear to increase down-dip, based on two holes, but a lack of noted chalcopyrite in MON96-7 would suggest that there is no dramatic increase in copper further down-dip. In the north, it was also noted that footwall stockwork-type mineralization had pinched out. Drilling on Welcome North was inconclusive and it is suspected that deep oxidation of the sulphide horizon or perhaps faulting has occurred. No drilling was completed on other targets on the property, of which there are several based on EM and geology.

9.0 SOIL AND SILT GEOCHEMISTRY

From 1980 to 1990, a number of geochemical surveys were carried out over the Money property focusing on the core stratigraphy between the showings at Boulder and Welcome North Creeks and extending north to Camp Creek. These surveys defined extensive copper soil geochemical anomalies over large areas centred on Boulder and Camp Creeks, but only a restricted anomaly over the Welcome North showing. These surveys also indicate that the copper anomalies do not fully extend between the showings at Boulder and Welcome North Creeks. In 1995, Atna carried out a soil survey that extended the soil coverage to the north and east of the previous soil coverage. These surveys defined extensive anomalous areas to the east, but it was concluded that these anomalies almost assuredly resulted from fluvial dispersion of the known mineralized zones. A few anomalous results at the north end of the Atna grid were prospected this season, but no significant mineralization was noted.

In 1996, 42 samples were collected along two short reconnaissance lines south and north of Boulder Creeks. These lines were intended to test for mineralization along the sedimentary interval that coincides with the massive sulphides in Boulder and Welcome North Creeks. No statistical treatment was carried out, however, copper above 90 ppm and zinc above 100 ppm are considered anomalous. On this basis, five samples are anomalous in zinc and two in copper on the southerly line, 1000S. One anomalous zinc sample coincides with the middle sedimentary horizon (equivalent to the massive sulphide zone) and two with the lower sedimentary horizon. Two anomalous copper results, one at



REFER TO FIGURE 8 FOR LITHOLOGICAL LEGEND

0 25
metres

ATNA RESOURCES LTD.

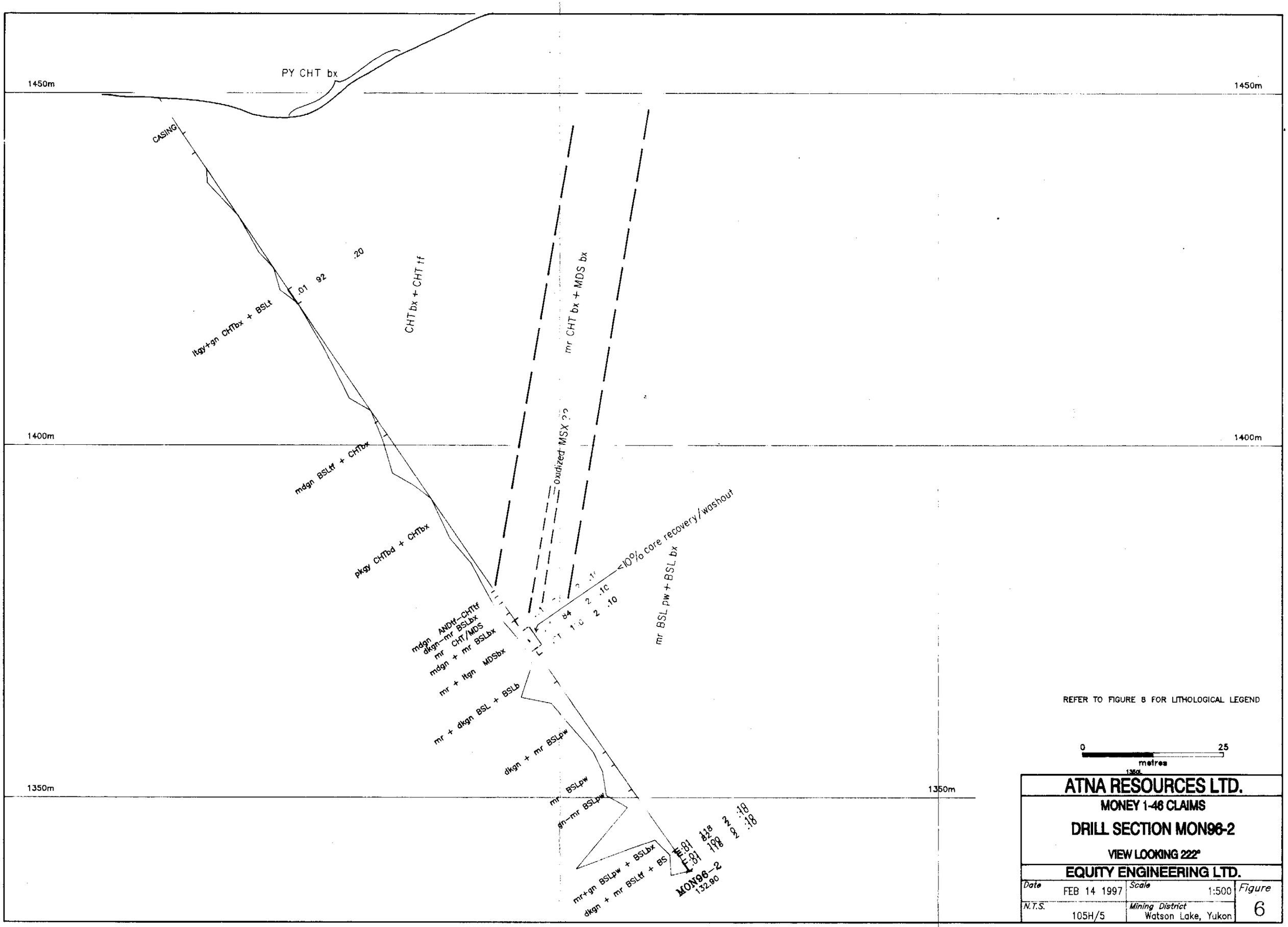
MONEY 1-46 CLAIMS

DRILL SECTION MON96-1

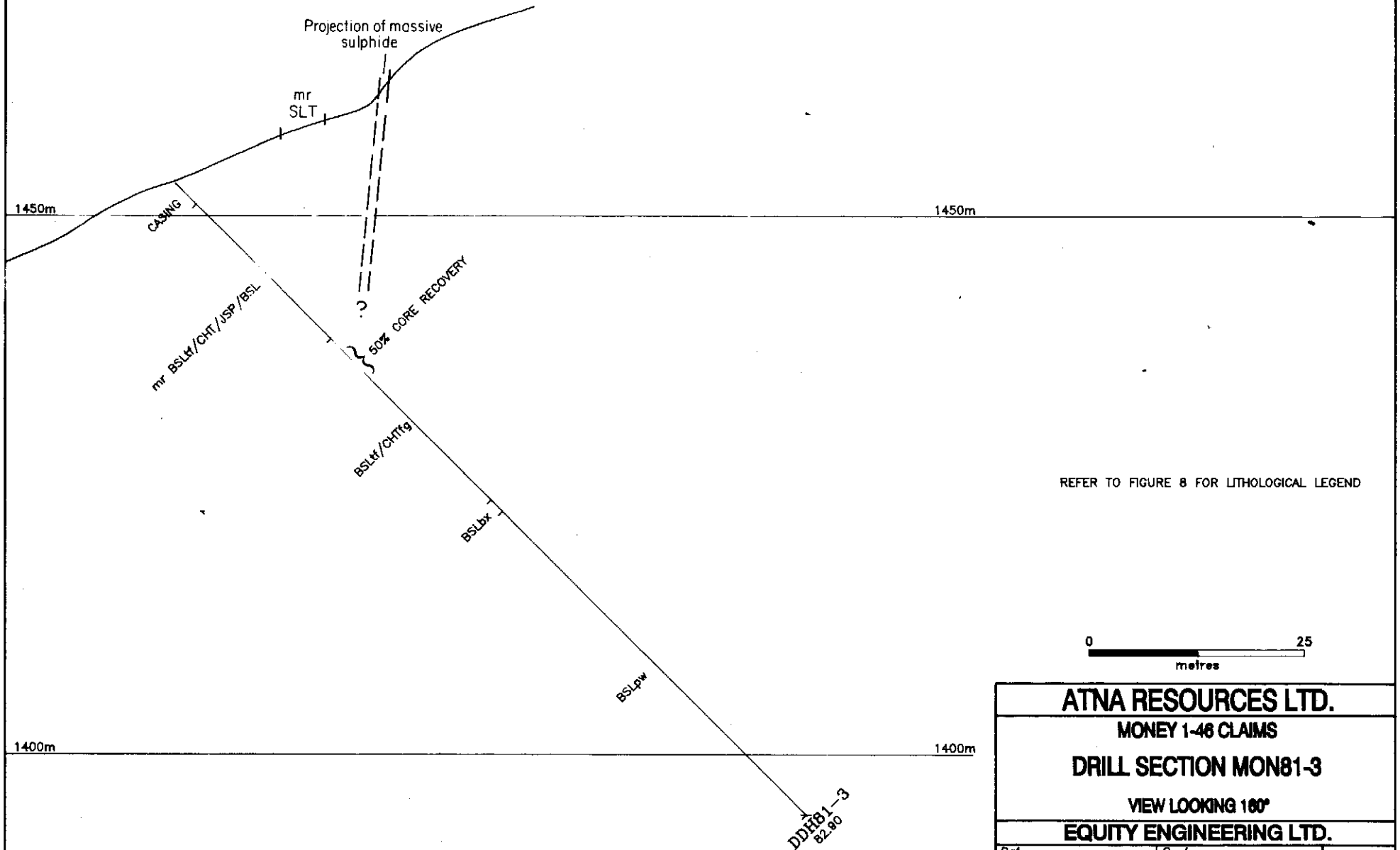
VIEW LOOKING 200°

EQUITY ENGINEERING LTD.

Date	Scale	Figure
FEB 14 1997	1:500	5
N.T.S. 105H/5	Mining District Watson Lake, Yukon	



ATNA RESOURCES LTD.		
MONEY 1-46 CLAIMS		
DRILL SECTION MON96-2		
VIEW LOOKING 222°		
EQUITY ENGINEERING LTD.		
Date FEB 14 1997	Scale 1:500	Figure 6
N.T.S. 105H/5	Mining District Watson Lake, Yukon	



ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS

DRILL SECTION MON81-3

VIEW LOOKING 160°

EQUITY ENGINEERING LTD.

Date: FEB 14 1997	Scale: 1:500	Figure 7
N.T.S.: 105H/5	Mining District: Watson Lake, Yukon	

either end of the line have no obvious source. On the northerly line, two anomalous zinc samples coincide with the middle sedimentary horizon and three anomalous copper samples and a single anomalous zinc sample correspond with the lower sedimentary horizon. Results from the contour soil line which traverses across the lower Camp Creek gossan are strongly anomalous in copper and zinc. The results of the reconnaissance soil survey indicate that the sedimentary units show a subtle anomalous response in zinc and copper, whereas the gossanous stockwork zones have a very strongly anomalous response in copper. Because of these two different mineralizing sources for metals in soils, the soil data is very likely comprised of two statistical populations. Plotting of results based on thresholds for the combined data set may have obscured some of the more subtle anomalies. Further interpretation of the soil geochemistry should include plotting lower contour intervals to better define mineralization, particularly along the trend of the middle sedimentary horizon.

The six silt samples collected were from Welcome North and Boulder Creeks and low gradient distributaries of these drainages. Results were all highly anomalous in copper and zinc and showed an orderly decline in values downstream from the showings. Sampling of the low gradient streams on the eastern portions of the claims is probably of little use since the area is covered with glacial lacustrine and glaciofluvial deposits beyond which the streams can not penetrate.

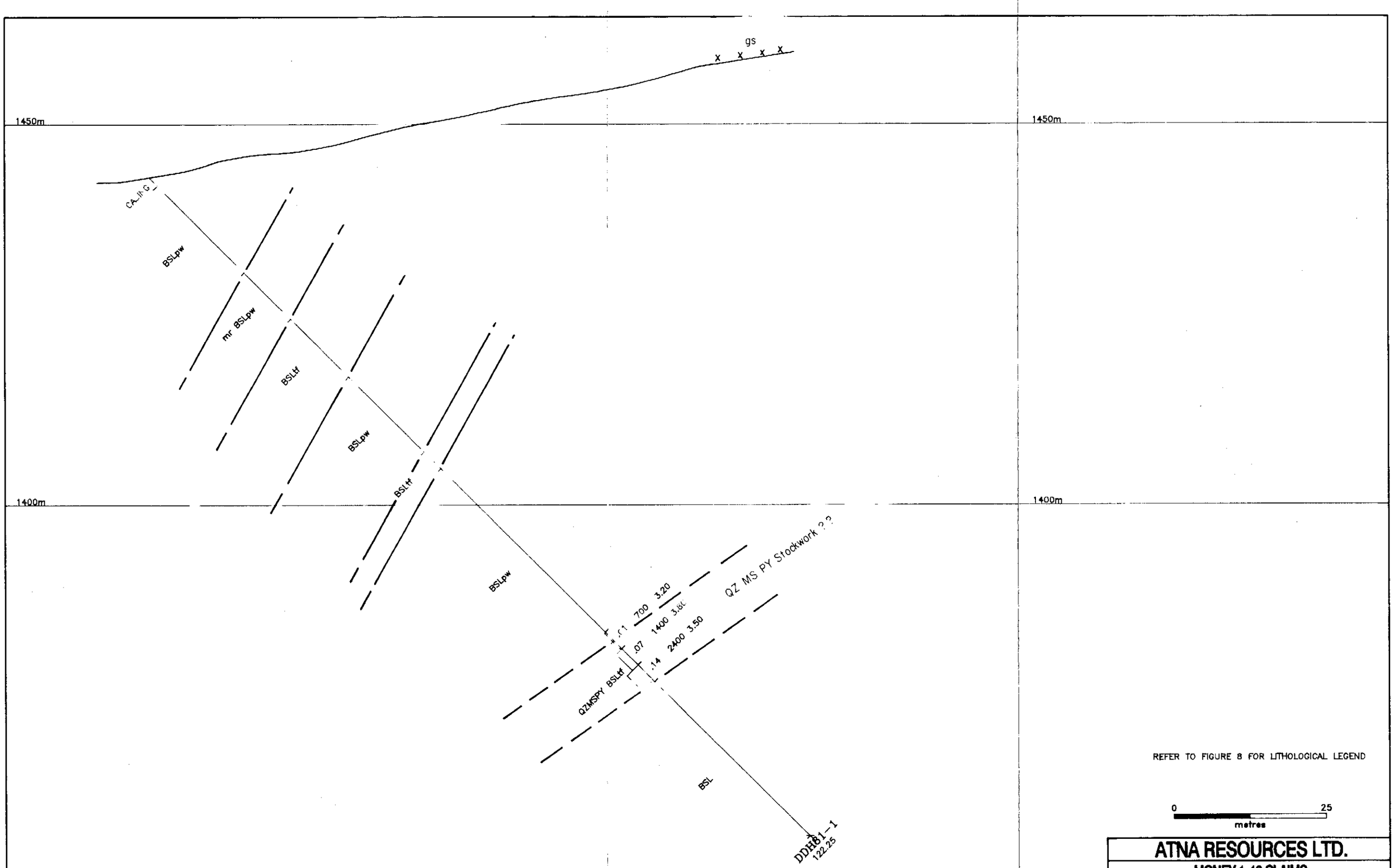
10.0 WHOLE ROCK GEOCHEMISTRY

Whole rock analyses were carried out on five core samples and a single surface sample. Samples collected were of cherty tuffs, chert and unaltered basalt. Analyses on the siliceous rocks were to establish if any of these lithologies might represent felsic volcanics. Analyses of the mafic volcanics were meant to distinguish them as either basalts or andesites.

Results from the cherty samples indicate that they most likely represent siliceous exhalative rocks containing a minor mafic tuff component. Generally, the silica compositions are too high and the trace elements, such as Ti, Zr, Y and Nb, too low for any reasonable felsic volcanic composition. The mafic samples taken from non-veined and unaltered material classify as subalkaline basalts with trace element contents suggestive of a "within plate" tectonic setting. These compositions, in terms of trace and major elements, are also very similar to basalt samples collected on the adjacent Wolverine property to the west.

11.0 DISCUSSION AND CONCLUSIONS

The Money property is underlain by a thick sequence of pillowed basalts belonging to the Slide Mountain Terrane. This sequence is interrupted by at least three known sedimentary and volcaniclastic intervals including chert, maroon-green siltstone, shale and greywacke. One of these sedimentary intervals coincides with massive sulphides exposed in Boulder and Welcome North Creeks and it was these massive sulphides that were the focus of the 1996 drilling. Drilling on the Money property in 1996 indicated continuity of the surface sulphide mineralization in Boulder Creek down-dip and along strike as far as tested. The best drill result from the 1996 program was a 1.0 metre interval grading 1.75% copper, 21 ppm silver and 407 ppb gold in hole MON96-4. Drilling was restricted to a small area, but within this area the thickness of the massive sulphide remained relatively constant. Metal concentrations appear to increase down-dip based on two holes, but a lack of noted chalcopyrite in the MON96-7 drill log would suggest that there is no dramatic increase. In the north-directed holes, it was noted that footwall stockwork-type mineralization has pinched out. Drilling on Welcome North Creek failed to intersect massive sulphides and it is suspected that deep oxidation of the sulphide horizon has leached out the massive sulphide at depth.



REFER TO FIGURE 8 FOR LITHOLOGICAL LEGEND

0 25
metres

ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS

DRILL SECTION MON81-1

VIEW LOOKING 160°

EQUITY ENGINEERING LTD.

Date	Scale	Figure
FEB 14 1997	1:500	9
N.T.S. 105H/5	Mining District Watson Lake, Yukon	

1450m

1400m

1350m

BSL outcrop

CASING

BSLpwbx

BSLlt

BSL

BSL + BSLlf

mr CHT

CHT/JSP/mr MDS

JSP/CHT/MDS

mrgp BSLlf

JSP/CHT/MDS/BSL lt

gngy CHT/BSLlf

BSLlf + CHTlf

BSLlt + CHT + f

gnmr BSLlt

Q7MSCL BSL

gnmr BSLlt

MSCL BSLfg

fz CHT/BSLlf

dkgnmr BSLlf

mdgygn BSLpwbx

BSL + BSL fg

gn gy CHT/BSL lf

gn - mr BSL lt

BS lt

MSX

QZ MS PY sw

mr BSL lf

BSL pw

BSL ANDpw

MON96-6
90.30

MON96-6
118.90

REFER TO FIGURE 8 FOR LITHOLOGICAL LEGEND

0 25
metres

ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS

DRILL SECTION MON96-5 & MON96-6

VIEW LOOKING 155°

EQUITY ENGINEERING LTD.

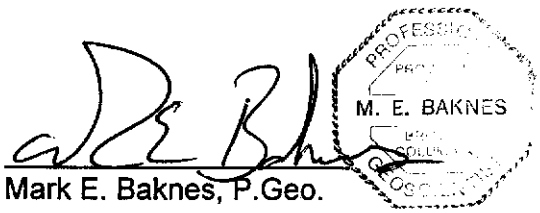
Date FEB 14 1997	Scale 1:500	Figure 10
N.T.S. 105H/5	Mining District Watson Lake, Yukon	

The geological setting at the Money Property indicates that syngenetic massive sulphide mineralization was deposited at a lull in effusive basaltic magmatism, as evidenced by siliceous sediments and fine-grained volcaniclastics. Cherty sediments in this interval likely represent siliceous exhalative rocks whereas the maroon siliceous sediments represent oxidation of fine clastics on the sea floor. Siliceous quartz-pyrite-chlorite alteration zones such as the Boulder Creek and Camp Creek gossans are thought to represent feeders to the massive sulphides. The major control on the distribution of the massive sulphides on the Money property is difficult to speculate on, however, it may be that massive sulphides are localized in the areas the supposed feeder pipes intersect interflow sediments. If it can be correctly assumed that the massive sulphides in Boulder and Welcome North Creeks have limited strike extent, then it seems likely that the prominent east-west trending creek valleys themselves reflect otherwise unexposed controlling faults.

The geological features exhibited on the Money property resemble characteristics of both Cyprus and Besshi type VMS deposits. Possible analogues to the Money are the Chu-Chua deposit in south-eastern B.C., and the newly discovered Ice property, 85 kilometres to the north. Both of these deposits are copper-rich massive sulphides, hosted in pillowed basalt sequences. The Chu-Chua, similar to the Money, is hosted by pillow basalts of the Slide Mountain Terrane (Fennel formation), which have an intra-plate geochemical signature and is closely associated with exhalative cherts and iron oxide-bearing sediments. The Ice property is hosted by pillowed basalts with interbeds of ferruginous chert and hematitic sediments, both stratigraphically near, and on the same horizon as the massive sulphides. Of particular note is the fact that prior to intersecting copper-rich sulphide mineralization (Hole #34, 20 m grading 5.2% copper with anomalous cobalt), several 1-3 metre intercepts of massive pyrite were intersected that contained anomalous copper and zinc. These pyrite layers appear to be facies equivalents to the massive copper-bearing sulphides further down-dip. This demonstrates the potentially abrupt mineral zonation that can occur within a single ore lens in these types of deposits and the importance of persistent drilling while tracing an apparently barren massive sulphide horizon.

The next stage of drilling on the Money property should be directed to follow-up the mineralization at Boulder and Welcome North Creeks, and should also investigate other targets on the property, several of which are based on EM conductors (Figure 4). Three types of EM anomalies can be distinguished: 1) fault-related anomalies (anomalies C, D and F); 2) formational anomalies, caused by conductive sediments and perhaps massive sulphides (anomalies A', E, E', G', E and E') and 3) discordant anomalies associated with alteration zones such as the Camp and Boulder Creek gossans (anomalies A-south, F and G). Anomalies B and H may be related to faults as they have no known associated alteration zone or anomalous soil geochemical response. In terms of priority drill targets, a hole testing anomalies C and F should be considered the highest priority. This hole would test the geophysical anomaly and determine if massive sulphides are continuous between the Boulder and Welcome North Creek showings. A set of second priority targets would aim to penetrate the intersection of footwall stockwork (quartz-sericite-pyrite) zones with the inferred projection of the "sedimentary units". These targets, such as the intersection of Boulder Creek gossan with the "middle" sedimentary unit and anomaly A with the "lower" and "middle" sedimentary units, are the most important of this group of targets. Continued drilling of the massive sulphides on Boulder Creek should continue to test along strike to the north and south, and down-dip with more aggressive step-outs on the order of 100 metres. Although it may not help in this years program, areas within the core areas of the property having no multi-element soil geochemical coverage should be sampled. A small mapping program should precede drilling since even basic mapping and topographic control necessary for drill placement are lacking.

Respectfully submitted,
EQUITY ENGINEERING LTD.



Mark E. Baknes, P.Geo.

Vancouver, British Columbia
March, 1997

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
MONEY PROPERTY
June 25 to 30, July 23 to August 5 and September 16 to September 28,1996

CANADA) In the matter of an evaluation program on the Money property

I, Mark E. Baknes for Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of geochemical sampling, geological mapping, prospecting and diamond drilling was carried out on the Money Mineral Claims during the periods June 25 to 30, July 23 to August 5 and September 16 to September 28,1996. The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

PHASE I PROGRAM (As directed by Equity Engineering Ltd.)

PROFESSIONAL FEES AND WAGES		
Mark E. Baknes, P.Geo.		
22 days @ $425/day	$ 9,350.00	
Chris Hope, Field Assistant		
13.5 days @ $225/day	3,037.50	
Matt Henry, Field Assistant/First Aid		
13 days @ $225/day	2,925.00	
13 days @ $25/day	325.00	
George McCotter		
5.0 days @ $175/day	875.00	
Carol Krismer, Cook		
.375 days @ $250/day	93.75	
Clerical		
4 hours @ $25/hour	100.00	$ 16,706.25
EQUIPMENT RENTALS		
Fly Camp		
47 man-days @ $25/man-day	$ 1,175.00	
Generator, 5kVA		
11 days @ $20/day	220.00	
Chainsaw		
7 days @ $15/day	105.00	
Mag Susceptibility Meter		
8 days @ $10/day	80.00	
Computer		
8 days @ $15/day	120.00	$ 1,700.00
EXPENSES		
Accommodation	$ 8,208.00	
Aircraft Charters	16,152.00	
Camp Food	9,636.00	
Chemical Analyses	2,779.59	
Courier	22.25	

Expediting	531.20	
Freight	687.82	
Helicopter Charters	30,357.90	
Maps and Publications	803.00	
Materials and Supplies	91.88	
Printing and Reproductions	419.84	
Taxis and Airporters	50.46	
Telephone Distance Charges	507.61	$ 70,247.55
SUB-CONTRACTS		
Britton Bros. Drilling:		
Footage	42,638.40	
Materials	1,436.25	
Reaming	180.20	
ATV	1,040.00	
Standby/Moves/Travel	1,917.50	$ 47,212.35
MANAGEMENT FEES		
15% on expenses only	10,537.13	
7.5% on sub-contracts	3,540.93	$ 14,078.06
REPORT: (estimated)		$ 10,000.00
SUBTOTAL		$ 159,944.21

PHASE II PROGRAM (as directed by Atna Resources Ltd.)

PROFESSIONAL FEES AND WAGES		$ 5,732.50
EXPENSES		
Accommodation	$ 13,800.00	
Aircraft Charters	2,904.09	
Bulk Fuel	15,057.75	
Camp Expenses	1,245.38	
Chemical Analyses	65.55	
Communications (Telephone, fax, etc.)	11.88	
Expediting	425.00	
Helicopter Charters	43,723.00	
Maps and Publications	110.34	
Travel Expenses	2,793.58	
Miscellaneous	131.25	$ 80,267.82
SUB-CONTRACTS		
Kluane Diamond Drilling:		
Mob/Demob	$ 3,520.00	
Materials	1,063.80	

Footage (drilling and reaming)	51,749.52	$	56,333.32
SUBTOTAL (Phase II)		$	142,333.64
SUBTOTAL (Phase I)		$	159,944.21
SUBTOTAL (Phase I and Phase II)		$	302,277.85
GST			
7.0 % on subtotal			21,159.45
TOTAL		$	323,437.30

Declared before me at Vancouver in the)
Province of British Columbia this)
13th day of March, 1997)

Mark E. Baknes

Notary Public for the Province of British Columbia

IAN J. TALBOT
Barrister & Solicitor
MORTON & COMPANY
1750 - 750 WEST PENDER STREET
VANCOUVER, B.C. V6C 2T8
681-1194

APPENDIX C

DIAMOND DRILL LOGS

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: ATN96-02 MONEY	GROUND ELEV.: approx 1450 m
HOLE NO.: MON96-01	BEARING: 290°
LOCATION: Welcome North CK.	DIP: -50
	TOTAL LENGTH: 370 (check).
LOGGED BY: M.E. Bakes.	HORIZONTAL PROJECT:
DATE: July 27/96	VERTICAL PROJECT:
CONTRACTOR: Britton Bros. Drilling	ALTERATION SCALE
CORE SIZE: NQ	
DATE STARTED: July 25/96	
DATE COMPLETED: July 26/96	TOTAL SULPHIDE SCALE
DIP TESTS: @ 380' measured -58, corrected -49	
COMMENTS	LEGEND

absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 5 | PROJECT: MONEY | HOLE NO. MON96-01

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION
6				0 - 6.1	CASING
8	43			6.1 - 41.5	MOTTLED PALE GREY + GREEN SILICEOUS WEAKLY CHLORITIC + SERICITIC BRECCIA. (Silicified + Sericitic altered Andesite breccia - Chert ± Rhyo boxs) Mottled, light grey siliceous blocks found with pale green sericitic to locally chloritic margins. May be andesite fragmental or pseudo-fragmental with irregular cleavage development giving "fragmental" texture. Alteration, variable mod to intense silicification? (possibly felsic frags) + also moderately sericitic in possible sedimentary or tuffaceous sections. Mineralization: 1-2% medium grained pyrite associated with silicification (23-32) Pale green sericitic phyllitic, likely tuffaceous/sedimentary interflow. (9.0 - 10.0) mixed purple shale + green tuff. * may be overburden.
10	92		60°		
12					
14	100				
16	100				
18			65°		
20	100				
22	95				
24			60°		
26	85				
28			65°		
30	69				
32	100				
34			60°		
36	84				
38	100				
40					
42	100		50°	41.5 - 46.5	MOTTLED MEDIUM GREEN MODERATELY SILICEOUS WEAKLY CHLORITIC ANDESITE-CHERT BRECCIA? (Mixed fine tuff + chert/silicified volc boxs) Medium green only minor siliceous (rhyolitic) fragments in a soft phyllitic "matrix"
44	100				
46	86				
48				46.5 - 75.2	MOTTLED PALE PINKISH GREY SILICEOUS, WEAKLY CHLORITIC CHERTY BRECCIA (silicified andc
50	92				

ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	Mag susc.
MS A	CL B	EP C	QZ D	JSP E			
						6	
							2.04
						9	
							0.01
						12.25	
							0.01
						15.25	
							0.01
						18.25	
							0.02
						21.25	
							0.01
						24.25	
							0.02
						27.25	
							0.02
						30.5	
							0.00
						33.5	
							0.01
						36.5	
							0.01
						39.35	
							0.01
						42.35	
							0.00
						45.35	
							0.01
						48.35	
							0.00

PAGE 2 OF 5	PROJECT: MONEY	HOLE NO. MON96-01

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF 5 | PROJECT: ATN96-02 NONEY | HOLE NO. NON96-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION MS A	CL B	EP C	QZ D	JSP E	FRACTURE INTENSITY	% VEIN QTZ.	mag susc.
				site breccia or rhyolite breccia)							51.25	
52				Very similar to 6.1-41.5 except								0.01
	100			siliceous fragments have pinkish								
54				(hematite) hue. 3-15 cm poorly to							52.25	
			65°	moderately well defined lensy silice-								0.00
56	71			ous fragments in a phyllitic green								
				matrix (mtx 10%, framework 90%)							53.75	
58				Apparent fragmental texture in some								
	86		88°	sections may be caused by irregular								0.00
60			80	cleavage development. May be silicified							61	
			67°	andesite or felsic fragmental.								
62	92			Alteration: strong silicification?								0.01
				weak Hematite.							64	
64				Mineralization: minor disseminated cubic								
	92			pyrite in felsic fragments.								0.01
66				(52.7-53.6) Dark green fine grained								
			55°	tuff with rare siliceous fragments.							67	
68	92			(58.6-59.1) dark green fine grained								0.00
				tuff. Contact sharp CA 58°								
70											70	
	100											0.01
72												
											73.25	
74												
	95											0.07
76			80°	75.2-76.1 MEDIUM GREEN CHLORITIC PHYLLITE							76.25	
			5	(FINE-GRAINED ANDESITIC TUFF)								
78	100		78°	Dark green phyllite with poorly defined								0.10
			60	mafic lapilli in a fine tuffaceous matrix							79.5	
			65°	Some maroon coloured sediments.								
80			50	Sharp contact with HW & FW.								0.03
	100											
82				76.1-76.7 DARK GREEN WEAKLY HEMATITIC							81.25	
			6	BASALT/ANDESITE								
84	100			Short section massive to brecciated								0.26
				with maroon jasper network							83.25	
86												
	100											0.07
88				76.7-80.4 MEDIUM GREEN & MAROON SHALE							88.25	
			7	Interbedded fine grained medium								
90	100			grey-green phyllite/shale & maroon								0.05
				shale. In top portion < 10% 1-5 cm							91.25	
92				felsic bands/fragments similar to								
	100			above units.								0.05
94											94.5	
				80.4-88.9 MEDIUM GREEN (EPIDOTE & JASPER)								
			8	ANDESITE PILLOW BRECCIA								0.03
96	100			2->50 cm subangular to rounded								

PAGE 4 OF 5 | PROJECT: MONEY | HOLE NO. MDN96-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Pb	ASSAYS Zn	ASSAYS Ag		
Typical section of siliceous fragmental	54.0	54.0	56.9		109251	30	54	<.2		whole rock + ic
	56.9									
	76.7	76.7	79.7		109252	<2	76	<.2		ICP
Maroon + green mudstone.	79.7									
Massive mineral (< 2% calcite) andesite.	95.4	95.4	95.8		109253	<2	66	<.2		whole rock.
	95.8									

PAGE 5 OF 5 | PROJECT: MONJEY | HOLE NO. MONJ8-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION MS A	CL B	EP C	QZ D	BP E	FRACTURE INTENSITY	% VEIN QTZ	mag. susc.
98				fragments on margins of large pillows?. 5-10% matrix consisting of red-brown jasper + epidote + calcite. The contact with above is sharp; the first 0.5 m of andesite is crackle brecciated + filled with xtalline calcite. The degree of fragmentation and epidote+jasper decreases downward. suggesting this is a flow top breccia + stratigraphy is upright			/		/		99.5		
96							/		/			0.04	
100							/		/		100.35		
102	100						/		/			0.04	
104							/		/		103.35		
106	100						/		/			0.06	
108							/		/		108.35		
110	100			88.8-115.8 MEDIUM GREEN PILLOWED ANDESITE Massive with well developed epidote calcite jasper selvages + fracture fillings andesite fine grained groundm. Locally andesite more densely fractured + altered to epidote + jasper. These sections may separate flow units. (94.5-95) strong epidote + jasper. (105.0-105.3) epid-jsp-calcite vein. (105.3-110.0) moderate density of epid + jsp + calcite veining + pervasive alteration			/		/		110.35		
112							/		/		113.35		
114	100						/		/			0.05	
116		115.8					/		/		115.8		

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: ATN96-02 MONEY	GROUND ELEV.: approx 1450 m.
HOLE NO.: MON96-02	BEARING: 312
LOCATION: Welcome North Creek.	DIP: -56
	TOTAL LENGTH: 436' 132.9 m
LOGGED BY: M. E. Baknes	HORIZONTAL PROJECT:
DATE: July 28/96	VERTICAL PROJECT:
CONTRACTOR: Britton Bros.	ALTERATION SCALE
CORE SIZE: NQ	
DATE STARTED: July 26/96	
DATE COMPLETED: July 27/96	TOTAL SULPHIDE SCALE
DIP TESTS: @ 446 measured 63° corrected 55°	
COMMENTS	LEGEND

PAGE 1 OF 7 | PROJECT: MONEY | HOLE NO. MON96-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION MS A	CL B	EP C	QZ D	BP E	FRACTURE INTENSITY	% VEIN QTZ.	mag. susc.
				0 - 9.1 CASING								0.02
10	66											
				9.1 - 55.2 MOTTLED PALE GREY + GREEN SILICEOUS WEAKLY CHLORITIC/SERICITIC VOLCANIC BRECCIA (silicified + pyritic andesite breccia - or possible chert (± Rhyolite) breccia							12.	
12												0.02
	100		26°									
14											15.25	
				Variable section, mottled, light grey to white distinct to indistinct felsic/siliceous lenticoid 3 - >20cm possible fragments in a medium green sericitic/phyllitic locally chloritic "matrix" often phyllitic irregular cleavages may give pseudo-fragmental texture.							0.00
16	100											
											18.25	
18												0.00
	96											
20											21.25	
			48°									0.00
22	92											
				Alteration: mod-strong silicification of fragments.							24.5	
24												0.01
	85			Mineralization: Minor cubic pyrite assoc with silicification. Also have 0.5 - 1cm massive pyrite aggregates. These look like msv sx. fragments but they may be replacements. Minor actinolyte is noted in those "fragments".							28.25	
26												0.00
											30.5	
28	95		68°									
				(26.4 - 27.5) non siliceous phyllitic, possible fine tuff								0.02
30											33.5	
	100			(32.6 - 35.1) 3-4% py fg. wispy replacements + as possible 1-2cm msv sx fragments.								0.00
32											36.5	
			35°									
34				(48.7 - 54.0) Fault breccia cruckle texx to pervasive mtx supported texx. Mtx oxidized FeOx ± clay + rock flour.								0.01
	100										39.5	
36												
			54°									0.01
38												
	100										42.35	
40												
			45°									0.01
42												
	100										45.85	
44												
												0.01
46	66											
											48.35	
48												
			Fault Brec FeOx cyl mtx									0.01
50	82										51.35	
52												0.00
	66											
54											55	

PAGE 2 OF 7	PROJECT: MONEY	HOLE NO. MON96-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Pb	ASSAYS Zn	ASSAYS Ag	ASSAYS	
(32.6-35.1) 3-4% py fg. whisps + possible 1-2cm msv sulphide fragments	32.6	32.6	35.1		109254	8	92	0.2		ICP
	35.1									

PAGE 3 OF 7 | PROJECT: MONEY | HOLE NO. MDN96-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION MS A	CL B	EP C	QZ D	JSP. E	FRACTURE INTENSITY	% VEIN QTZ.	mag. susc.
56	95		70°	55.2 - 57.5	MEDIUM GREEN ANDESITIC TUFF WITH MINOR CHERT FRAGMENTS. Medium green fine-grained andesite tuff with <20% light grey siliceous (chert) fragments and bands. Gradational with above & below.								0.02
58				2								57.95	
60	82												0.02
62												61	
64	85			57.5 - 84.4	MOTTLED PALE PINKISH GREY & MEDIUM GREEN BEDDED TO FRAGMENTAL CHERT (Silic andesite or felsic?) Very similar to 9.1-55.2 but siliceous fragments & beds pinkish (jasper) Local sections of well bedded chert in contact with fine andesitic (hyaloclastite) tuff. Chert layers often show (shrinkage?) fractures perpendicular to bedding. Mineralization: minor cubic py. Alteration: minor perv. jsp. (58.7 - 60.4) Dark green fine andesitic tuff (72.9 - 74.8) well defined fine dark green tuff & minor pink chert beds. CA - beds 15° (78) well defined chert frags in phyll. mtx								0.05
66			60°	4								64	
68	72												0.02
70	88											67	
72			50°										0.00
74	82		15°									70	
76			15°										0.01
78	92											73.25	
80			63°										0.02
82	100		68°									76.25	
84				84.4 - 85.3	MEDIUM GREEN CHERTY GREEN PHYLLITE (Andesitic shale - tuff fragmental). Soft pale green disrupted/fragmental phyllite or fine tuff with minor chert fragments.								0.01
86	85		52°	5								79.25	
88													0.01
90	59			85.3 - 86.4	DARK GREEN MAROON MATRIX FLOW BRECCIA (Andesite / basalt) 2-15 cm subangular to subrounded fine grained dark green fragments. Breccia is framework supported with 10-15% maroon mudstone ± jasper matrix with fine 1-2 mm andesite fragments.							82.25	
92	0		wash out 90°	6								89.5	.02
94													.03
96	79		60°	86								91.5	
98			fault	86.4 - 88.2	MAROON INTERLAMINATED CHERT SHALE & GREEN SHALE/MUDSTONE Finely bedded upper 30 cm maroon chert, middle mixed maroon & green shale/ph								.02
100	100			7								94.5	
												99.5	.11
												100.5	

 PROJECT: MONEY HOLE NO. MON96-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Pb	ASSAYS Zn	ASSAYS Ag	
-mudstone breccia	89.5	89.5	91.4		109255	4	78	<.2	
-mudstone breccia <10% recovery (fault?)	91.4	91.4	94.5		109256	<2	84	<.2	
- maroon pillowed andesite/basalt.	94.5	94.5	95.5		109257	<2	100	<.2	
	95.5								

PAGE 5 OF 7 | PROJECT: MONEY | HOLE NO. MON96-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION MS A	CL B	EP C	QZ D	HM HP E	FRACTURE INTENSITY	% VEIN QTZ.	
102	100				+ lower greenish purple phyllite shale.								.05
104	95			88.2-89.5	MEDIUM GREEN + MAROON FLOW BRECCIA. Medium grained granular textured andesite with maroon mudstone and calcite matrix.							103.35	.04
106												105.35	
108	100												.04
110												109.35	
112	100			89.5-94.5	MAROON + PALE GREEN MUDSTONE BRECCIA (Soft sediment breccia/fault. Maroon mudstone with frags of green mudstone + brecciated green mudstone. May be soft sediment fault breccia. No recovery from (91.1-94.5)							112.35	.03
114	95												.04
116												115.35	
118	100												.03
120	95			94.5-100	MAROON + DARK GREEN PILLOWED ANDESITE + PILLOW BRECCIA Strong maroon colouration largely in selvages + matrix but also a pervasive stain, abundant litho phase?. Mtx + selvages altered to epidote calcite + hematite							119	
122												122	
124	100											125	.24
126	100			100-112.2	DARK GREEN + MAROON PILLOWED ANDESITE. Strong epidote ± calcite hematite on selvages. Weakest lithophase developed (suggestive of subaerial conditions??)								.03
128												128	
130	92												.02
132	78											131	.05
134	104			112.2-114.4	MAROON PILLOWED ANDESITE Strong maroon/hematite colour. minor jasper. Possible flow top.							133 134	
136													
138				114.4-118.7	GREEN - MAROON MASSIVE PILLOWED ANDESITE. (less) Weak to weak hematite in a massive fine grained pillowed andesite.							137	
140												140	
142													
144				118.7-129.3	MAROON + GREEN PILLOWED ANDESITE + ANDESITE BRECCIA Strong hematite on selvages + along pillow breccia margins.							143	
146												146	

PAGE 6 OF 7 | PROJECT: MONEY | HOLE NO. MONEY - 2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Pb	ASSAYS Zn	ASSAYS Ag	
(129.3 - 129.7) 4% py fg. thin stringers assoc with calcite poss. zeolite/chy stringers	129.3	129.3	129.7		109258	< 2	118	< .2	
(130.0 - 130.4) 3% py assoc w. calcite ± jsp. stringers.	129.7 / 130.0	130.0	130.4		109259	< 2	82	< .2	
(131.2 - 131.7) 4% py, coarse aggregates in local calcite ±sp veins & breccia.	130.4 / 131.2	131.2	131.7		109260	< 2	100	< .2	
(131.7 - 132.9) 1-2% coarse pyrite as stringers	131.7 / 132.9	131.7	132.9		109261	< 2	116	< .2	

PAGE 7 OF 7 | PROJECT: MONEY | HOLE NO. MON96-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				(128.0) Flow unit contact. Indicated tops up.							
				129.3 – 132.9 DARK GREEN MIXED FINE TUFF MAROON TUFF + PILLOWED ANDESITE (Minor jasperoid pyrite Indistinct fine tuffs, 1-2% pyrite as coarse + fine grained aggregates Also pyrite associated with jasperoid masses + in calcite-zeolite? stringers.							
				132.9 EOH							

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DRILL LOG

PROJECT: ATN96-02 MONEY	GROUND ELEV.: ≈ 1429.8
HOLE NO.: MON96-03	BEARING: 252°
LOCATION: Boulder Creek.	DIP: -50.25°
	TOTAL LENGTH: 121.9m. (400')
LOGGED BY: M. Baknes.	HORIZONTAL PROJECT:
DATE: July 31/96	VERTICAL PROJECT:
CONTRACTOR: Britton Bros.	ALTERATION SCALE
CORE SIZE: NQ	
DATE STARTED: July 29/96	
DATE COMPLETED: July 30/96	TOTAL SULPHIDE SCALE
DIP TESTS:	
COMMENTS: Drilled beneath intercept in DDH 81-2	LEGEND

absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 7 | PROJECT: MONEY | HOLE NO. MON96-3

DEPTH (m)	GEOLOGICAL DESCRIPTION
0 · 3.1	CASING
3.1 - 34.0	MEDIUM GREEN FINE GRAINED PILLOWED ANDESITE Medium green pillowed andesite with moderate pervassive epidote alt + strong epidote on selvages and along fractures. Section is strongly faulted? + contains numerous sections of green (epidote) clay supporting andesite rock fragments. Alteration: moderate epidote Mineralization: minor malachite + neodecite? on fractures.
34.0 - 38.4	MEDIUM GREEN + MAROON PILLOWED ANDESITE Well defined pillows + pillow breccia with maroon mudstone? matrix. Flow unit contacts suggest tops up.
38.4 - 42.4	MASSIVE MEDIUM GREEN PILLOWED ANDESITE. Similar to 34.0-38.4 but very minor maroon mudstone + hemotite on fractures. Very minor malachite.
42.4 - 45.0	MAROON + GREEN MUDSTONE FRAGMENTAL. Pink-maroon siliceous mudstone with

Run to (m)	% CORE REC	STRUCTURE	M.S.
3	50		.03
6	23		.01
9	46	broken core. minor gouge.	.06
12.25	92	clay gouge	.05
15.35	50		.05
18.25	89	clay & AND frags. (green clay)	.03
21.25	72		.02
24.5	76	clay	.03
27.5	69		.03
30.5	66		.07
33.5	79	45°	.05
36.75	100		.03
39.5	100		.02
42.5	43	highly fract core	.00
45.35	50	70°	.02

ALTERATION: CL (A), B, EP (C), D, QZ JSP. (E) — EP (C) marked from 3 to ~42.5 m.

PAGE 2 OF 7	PROJECT: MONEY	HOLE NO. MON76-3

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Pb	ASSAYS Zn	ASSAYS Ag		
	3									
(3.1-4.3) Massive andesite with fractures with minor precipitate of malachite & neotocite.	1 3	3.1	4.3		109262	<2	124	<.2		
(45.3-46.0) Pale green banded chert & andesite tuff.	45.3 / 46.0	45.3	46.0	0.7	109263	6	68	<.2		WHOLE RK + ICP

PROJECT: MONEY

HOLE NO. MON96-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	B	EP C	MS D	QZ E	FRACTURE INTENSITY	% VEIN QTZ.	M.S.
				angular clasts of green mudstone. (noted very similar unit 30 m, in ck, upstream from WIN ck drawing)							49.75	
50	39											.01
52											51.75	
54	50			45.0 - 54.5 6 PALE GREEN + GREY WEAKLY TUFFACEOUS CHERT. Pale grey + greenish chert, locally pinkish with partings of green phyllite - andesitic tuff?. Very minor cubic pyrite.							54.75	.01
56	56		50°									.05
58											57.75	
60	92			54.5 - 65.5 7 MEDIUM TO PALE GREEN ANDESITE LAPILLI TUFF - TUFF							61	.01
62	92		50°	Upper section dark green fine tuff, down section distinct flattened siliceous + altered 0.5-3 cm lapilli fragments may be fragments of fine tuff + chert. (no sulphide fragments) Alteration: weak to moderate sericite downwards.								.01
64											64	
66	95		45°								67	.01
68												
70	100		65°	65.5 - 67.1 8 PALE GREEN - WHITE INTENSELY SERICITE ALTERED TUFF Local lapilli textured with 0.5-5 cm lensoid intensely sericite altered frags, siliceous frags + have massive pyrite fragments. Alteration: Intense pervasive sericite ± illite. Mineralization: 5% py as thin wispy lenses coarse xtals + massive pyrite fragments.							70	.02
72	89											.02
74											73.25	
76	100		65°								76.25	.01
78	100											.01
80											78.25	
82	95		60°	67.1 - 87.9 9 SILICEOUS - SERICITIC + TUFFACEOUS SEMI MASSIVE SULPHIDES 15-25% fine - coarse grained pyrite as wispy parallel to wavy bands + contorted masses. Rock has a mottled swirl-like texture with light grey-siliceous gangue. Gangue often sericitic + locally dark green chloritic (or green sericite) locally very well developed lapilli textures with siliceous + sericitic fragments in a fine grained pyritic/ tuffaceous matrix. Fragments strongly flattened. Local light coloured lapilli appear to have quartz eyes (Rhyolite) but these							82.25	
84	95		min vein									.01
86											85.25	
88	100											.02
90	89										88.5	.02
92	92										91.5	.02
94												

PAGE 4 OF 7 | PROJECT: MONEY | HOLE NO. MON76-3

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	ASSAYS Zn ppm
(64.5-65.5) sericite altered tuff no visible sulphides	64.5	64.5	65.5		109264	<5	<0.2	48	286
(65.5-67.1) 5-7% pyrite wispy lenses cuse xbds & sx frags.	65.5	65.5	67.1		109265	20	1.0	415	1210
(67.1-69.5) 10% PY, 1.5% CPY fg wispy in a dark possibly chloritic matrix. Not obv. fragmental.	67.1	67.1	69.5		109266	75	5.0	2230	2640
	69.5	69.5	71.5		109267	60	3.0	2420	2270
(69.5-71.5) 20% PY .5% CP Siliceous wtr gangue									
(71.5-73.8) 20% PY .5% CP siliceous wtr gangue	71.5	71.5	73.8		109268	45	1.6	1325	3260
(73.8-74.7) 10% PY tr CP, Pale gn sericitic & chloritic lapilli	73.8	73.8	74.7		109269	50	0.8	316	4220
(74.7-75.5) 15% PY tr CP 1-2% SP? QZ-MS-CL gang.	74.7	74.7	75.5		109270	30	1.6	490	3720
(75.5-76.4) 10% fg. Py chloritic? dark schist.	75.5	75.5	76.4		109271	25	1.8	402	1270
(76.4-78.1) 20% fg. PY 1% CP, gd. lap tf text, st MS.	76.4	76.4	78.1		109272	60	2.0	130	954
(78.1-78.8) 15% Py tr cp dk gn CL schist.	78.1	78.1	78.8		109273	50	4.2	1610	1005
(78.8-80.8) 15% PY 1% CP lap tf str. MS.	78.8	78.8	80.8		109274	30	1.6	616	808
(80.8-82.6) 20% PY 1% SP tr CP lap tf st. MS.	80.8	80.8	82.6		109275	40	1.6	259	1640
(82.6-83.0) 15% PY, vry fg. tf w RH? Lapilli.	82.6	82.6	83.0		109276	185	5.4	2080	3440
(83.0-83.7) 15% PY tr SP, tr CP lap tf text.	83.0	83.0	83.7		109277	60	1.4	265	1270
- 15% PY, tr SP, tr CP, good lapilli texture.	83.7	83.7	85.7		109278	35	0.6	231	1080
- 15-20% PY, 1.5% CP, tr SP " " comp PY CP grains	85.7	85.7	87.9		109279	25	1.2	461	1045
- 10% PY tr CP in siliceous bands in gn and.	87.9	87.9	88.3		109280	15	0.2	364	640
- 5% PY mainly as QZ-PY-CL ± CA stringers in green massive andesite	88.3	88.3	90.8						
- 5% PY same as above	90.8	90.8	91.6		109281	<5	<0.2	109	300
- 5-10% fg. Py good lap tf w zoned py sericite repl dk frags with a strongly chloritic mtx.	91.6	91.6	92.4		109282	15	1.0	115	198
	92.4								

PROJECT: Money

HOLE NO. MON96-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	ALTERATION B	ALTERATION EP C	ALTERATION MS D	ALTERATION QZ E	FRACTURE INTENSITY	% VEIN QTZ.	M.S
				more likely QZ replacing py + QZ as pressure shadows. Chalcopyrite 1-2% usually as composite py-cpy grains. May be very f.g. disseminated honey sphalerite. Lapilli - lwr fragments often show concentric bands of f.g. pyrite. These are suggestive of alteration/mineralization reaction rims + indicate replacement mine + not laminated or bedded sx.							99.5	
96	100											.03
98											99.5	
	95											.02
100											100.15	
102	89											.01
			65								103.5	
104	95			87.9-99.6 10 MEDIUM TO PALE GREEN PILLOWED + PILLOW BRECCIATED ANDESITE Massive fine grained local epidote, calcite pillow selvages. Near top + bottom contacts intensifying alteration and mineralization. Pyrite is fine grained in quartz-chlorite-± calcite veins + interstitial to + replacing lapilli. Alteration: In centre of section pervasive + selvage epidote + calcite. Near contacts most chlorite sericite + QZ. Also short sections of strong py-MS-CL alteration								.02
106											106.35	
108	92											.02
110											109.95	
	95											.01
112											112.95	
114	95											.03
116											115.75	
	100											.04
118				99.6 - 108.4 11 SILICEOUS - SERICITIC + PYRITIC (SEMI MASSIVE) LAPILLI TUFF Very similar to 67.1-87.9 Mottled "swirl" banded, siliceous sericitic + pyritic. Locally well defined siliceous lapilli in a fine matrix of tuff + pyrite. Many of alteration + mineralization textures suggest replacement (ie this + above semi massive section may be semiconcordant footwall alteration pipes?) Upper + lower contacts quad-stkwk. Mineralization 15% Py locally >40%. Minor CP as composite py-CP grains. + much of the "swirl" texture is likely alteration of stockwork. Chlorite often mod pervasive + as early? stockwork							119	
120	100											.03
EOH 121.9											121.9	
				108.4 - 111.6 12 MEDIUM GREEN MODERATELY QUARTZ - SERICITE - PYRITE ALTERED ANDESITE LAPILLI TUFF. Gradational with above good lapilli tuff sections with altered + mineralized frags + mtx. Massive andesite								

PAGE 6 OF 7 | PROJECT: MONEY | HOLE NO. MON96-3

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Ag ppm	Cu ppm	Zn ppm
- 5% v.f.g py interstitial to Lapilli;	98.6	98.6	99.6		109283	15	0.4	185	574
- +50% med-cg. Py gd frag text	99.6	99.6	100.2		109284	25	0.8	502	424
- 7% PY as QZ-CL-PY stkwk + fg bands.	100.2	100.2	101.0		109285	15	0.4	76	512
- 20% PY 1% CP gd frag text + stockwork.	101.0	101.0	102.0		109286	35	1.6	735	4810
- 15% fg-mg Py 1% CP gd atten. stockwk	102.0	102.0	104.2		109287	25	0.8	391	692
- 15% PY 2% CP gd stkwk + lap tf. mod CL.	104.2	104.2	106.8		109288	50	2.2	1050	836
- 15% PY tr CP, faulted section.	106.8	106.8	107.4		109289	30	0.8	318	866
- 15% PY 1% CP gd stkwk + lap text	107.4	107.4	108.4		109290	30	0.6	270	886
- 6% PY very gd lap tf text to silic lap.	108.4	108.4	109.3		109291	15	0.4	232	756
- 10% PY 3% CP stkwk + semi msv repl. string	109.3	109.3	109.9		109292	20	4.2	2860	706
- 5% PY mod alt - netwrk py in msv-lap-bxx.	109.9	109.9	111.6		109293	15	1.2	838	728
- tr py in calcite-CL fractures.	111.6	111.6	112.6		109294	<5	0.4	107	246

PAGE 7 OF 7 | PROJECT: MONEY | HOLE NO. MON 96-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
				cut by fg. py-cl-qz network stringers.							
				111.6-121.9 MEDIUM TO LIGHT GREEN PILLOWED TO PILLOW BRECCIA ANDESITE Heterogeneous, selvages & irregular masses of epidote, quartz, ±sp & calcite. Also local f. lapilli tuff/pillow breccia sections with minor pyrite (120.0-121.9) minor manganese selvages.							

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DRILL LOG

PROJECT: ATN96-02 MONEY	GROUND ELEV.: 1429.8
HOLE NO.: MON96-04	BEARING: 252°
LOCATION: Boulder Creek.	DIP: -69
	TOTAL LENGTH: 189.0m
LOGGED BY: M. Balcues	HORIZONTAL PROJECT:
DATE: August 3/96	VERTICAL PROJECT:
CONTRACTOR: Britton Bros.	ALTERATION SCALE
CORE SIZE: NQ	
DATE STARTED: August 1/96	
DATE COMPLETED: August 2/96	TOTAL SULPHIDE SCALE
DIP TESTS:	
COMMENTS:	LEGEND

absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 7 | PROJECT: MONEY | HOLE NO. MON96-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	B	EP C	QZ D	MS E	FRACTURE INTENSITY	% VEIN QTZ.	Au g/t
16	59			0 - 15.3 CASING								0.08
18				15.3 - 42.9 MEDIUM GREEN MASSIVE PILLOWED ANDESITE.								
20	98			Fine grained granular medium green andesite weak pervassive epidote + epidote calcite chlorite ± QZ+ JSP on well formed pillow selvages.								0.02
22				Mineralization : very minor pyrite on fractures.								
24	89											0.02
26	75		most shearing calcite v.									0.11
28												
30	85											0.03
32	92											0.03
34												0.01
36	46											
38	92											0.02
40												
42	100											0.03
44	23			42.9 - 58.0 MEDIUM GREEN INTERBEDDED ANDESITIC TUFF, CHLORITIC LAPILLI TUFF + HEMATITIC CHERT/JASPER - MUDSTONE								0.02
46				Complex section likely tuffs cherts sediments + minor flow. Minor maroon mudstone. Gradational with underlying unit, proportion of pink chert + red-brown jasper increases down section.								
48	0		local clay gouge multiple core.									0.04
50	62											0.04
52												
54	52											0.09
56	79		42°									
58				58.0 - 70.0 PALE GREEN + PINKISH GREY FRAGMENTAL CHERT + INTERMEDIAT TUFF								0.01
60	43			Typical cherty tuff unit, lousy								0.03

PAGE 2 OF 7 | PROJECT: MONEY | HOLE NO. MON96-4

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PROJECT: MONEY

HOLE NO. MN96-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CL A	ALTERATION B	ALTERATION EP C	ALTERATION QZ D	ALTERATION MS E	FRACTURE INTENSITY	% VEIN QTZ.
62	75				bands of siliceous tuff-chert with pale green phyllitic/tuffaceous partings. Fragmental texture may be tectonically induced (pseudofragmental). Section gossanous, with 1-2% oxidized pyrite.							0.01
64	93		58°									0.03
66	50											0.02
68	75											0.03
70					70.0 - 71.4 GREEN & MAROON ANDESITIC TUFF & LAPILLI TUFF							
72	92				Well defined 3-10 mm flattened andesite lapilli in a fine tuffaceous often maroon matrix.							0.02
74	90	clay gouge core loss.	90°									0.01
76			45°		71.4 - 74.6 MEDIUM GREEN TO PALE GREY WEAK TO STRONGLY SERICITE-PYRITE ± QUARTZ ALTERED ANDESITE LAPILLI TUFF							
78	95				Similar to above streaky alteration "swirl" textured sericite-pyrite alteration, pale green sericite-pyrite zoned replacement of fragments & attenuated stockwork. Similar to extensive mineralized zones in MDN96-3.							0.05
80	100											0.03
82	97											0.04
84	56				Mineralization: 5-15% fine grained pyrite as swirl-like replacements & rims on fragments?/stockwork, local msv PY. Weak chlorite alt. (74.1-74.6) grey clay w/in sx.							0.06
86	95		48°									0.03
88												
90	52											0.02
92	66				74.6 - 74.9 MASSIVE SULPHIDES 95% total sulphides, fine grained massive pyrite weakly banded with ragged masses & disseminated (15%) chalcopyrite. Minor patchy calcite & silica. Upper contact may be fault contact.							0.03
94												
96	100											0.03
98												
100	100				74.9 - 77.8 MEDIUM GREEN TO PALE GREY WEAK TO STRONGLY SERICITE-PYRITE-QUARTZ ALTERED ANDESITE							0.04
102	92				Very similar to 71.4-74.6 but includes siliceous-cherty bands. Pervasive-streaky sericite alteration with fine pyrite interstitial to fragments & as attenuated stockwork.							0.04
104	100											0.05
106	50											0.01

PAGE 4 OF 7 | PROJECT: MONEY | HOLE NO. MON 96-4

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Ag ppm	Cu ppm	Zn ppm	
- 10% oxidized py?		71.4	72.0		109295	115	6.8	948	1060	ICP
- 70% partially oxid py.	71.4 72.0	72.0	72.2		109296	275	13.8	1055	882	"
- 15% fg py local 30% py to CP	72.2	72.2	74.1		109297	55	2.6	609	4280	"
- clay gouge 5% PY.	74.1	74.1	74.6		109298	240	16	2420	3970	"
- 80% PY 15% CP.	74.6	74.6	74.9		109299	845	38.4	48100	4250	"
- 40% PY 2% CP	74.9	74.9	75.1		109300	165	5.2	9470	3550	"
- 7% PY fine g. streaks msv 1cm bands.	75.1	75.1	76.2		109301	<5	0.2	396	678	"
- 10% PY " " " " "	76.2	76.2	77.8		109302	65	4.2	217	1535	"
- unveined andesite chloritic whole rock	79.6	79.6	79.9		109303	<5	<.2	92	470	ICP + WHOLE R
conchoidal w sericite pyrite alteration.	79.9									
- grey-green clay gouge 80% core loss 3% PY	83.7	83.7	84.7		109304	<5	0.4	159	910	
- 15% Py fine grained Qz-MS-Py alt.	84.7	84.7	87.0		109305	10	1.8	272	2130	
- 7% " " " "	87.0	87.0	88.4		109306	20	1.8	111	536	
- 2% PY in CL-CA-Qz stringers.	88.4	88.4	90.6		109307	<5	0.4	161	702	
	90.6									

PROJECT: MONEY

HOLE NO. [illegible]

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CL A	JSP HM B	EP C	QZ D	MS E	FRACTURE INTENSITY	% VEIN QTZ.
108	100			77.8 - 83.7	DARK GREEN CHLORITE ANDESITE FLOW + FLOW BRECCIA							0.04
110	100			9	Dark green chloritic fine grained, indistinct - moderately distinct 3-15cm fragments with calcite-chlorite-jasper matrix. Locally tuffaceous.							0.03
112					Mineralization: minor coarse pyrite in quartz segregations							
114	100											0.07
116	89			83.7 - 88.4	PALE GREEN STRONGLY SERICITE-CHLORITE-PYRITE ALTERED ANDESITE							0.03
118				10	Similar to 74.9-77. Strongly "swirl" textured pale green sericite-quartz-pyrite ± chlorite altered, may be attenuated stockwork. Locally has fragmental appearance with chlorite matrix.							
120	56				Mineralization: 15% fg pyrite.							0.02
122	100											0.02
124												
126	49			88.4 - 105.0	MEDIUM GREEN MASSIVE - PILLOWED ANDESITE							0.03
128				11	Massive fg. andesite cut by calcite ± pyrite stringers ± chlorite-pyrite. Minor chlorite epidote on pillow selvages							
130	79											0.02
132	100			105.0 - 113.7	MEDIUM-PALE GREEN PERVASIVELY EPIDOTE ALTERED PILLOWED ANDESITE							0.02
134				12								
136	100				Massive fine grained well developed strongly epidote altered pillows + pillow selvages. Abundant calcite chlorite hematite stringers. Pervasive moderate epid alteration gives pale green colour. Local brecciated sections							0.04
138	100											0.04
140	62											0.03
142	100				(100.7) cave.							0.03
					(110.5 - 111.7) strongly epidote altered breccia.							
144	100			113.7 - 140.5	MEDIUM GREEN AND MAROON ANDESITE FLOW + FLOW BRECCIA							0.05
146				13	Complex section of fine grained andesite with numerous sections of flow breccia with pervasive hematite alteration ± epidote calcite and jasper.							
148	100											0.03
150	100				(134.4 - 138.6) altered breccia (pillows) with orange jasper/epidote matrix.							0.01
152												

PAGE 6 OF 7 | PROJECT: MONEY | HOLE NO. [illegible]

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			

PAGE 7 OF 7 | PROJECT: MONEY | HOLE NO. MDN96 - 4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CL A	B	EP C	QZ D	MS E	FRACTURE INTENSITY	% VEIN QTZ.	
156	100			160.5 - 160.0 14	MAROON ANDESITE FLOW BRECCIA Well defined 15-30cm local fine breccia-ted andesite. Hematite alt often zoned around fractures. Overlied flow unit contacts indicate tops up (158.0-159.5) Orange jasper/mudstone breccia. Orange jasperoidal mudstone with green angular clasts of green andesitic tuff								0.02
158	100												0.04
160	60												0.03
162	40												0.04
164	100			160.0 - 156.1 15	GREEN & MAROON ANDESITE BRECCIA Well defined 1-5cm angular fragments often matrix supported. Is a matrix of orange jasper-mudstone with green andesite frags. Also discrete 5-30cm bands beds of orange-jasper/mudstone.								0.04
166	92		50/700										0.03
168	100												0.00
170													
172	100			176.1 - 172.0 16	PALE GREEN FINE GRAINED PILLOWED ANDESITE Homogeneous section fine grained andesite, cut by fractures, minor flow breccia & selvages with QZ-CA-CL-EP alteration. Very minor & rare hematite alteration. (180.4 - 181.0) QZ-JSP-PY vein?								0.03
174	79												0.02
176	95												0.03
178	100												0.04
180	97												0.03
182	100												0.04
184	100												0.03
186													

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: MONEY	GROUND ELEV.: 1429.8
HOLE NO.: MON96-5	BEARING: 310
LOCATION: Boulder CK.	DIP: -45°
	TOTAL LENGTH: 118.9 m
LOGGED BY: M. Baknes.	HORIZONTAL PROJECT
DATE: Aug 3/96	VERTICAL PROJECT
CONTRACTOR: Britton Bros.	ALTERATION SCALE
CORE SIZE: NQ	
DATE STARTED: Aug 1/96	TOTAL SULPHIDE SCALE
DATE COMPLETED: Aug 2/96	
DIP TESTS	
COMMENTS	LEGEND

absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 5 | PROJECT: MONEY | HOLE NO. MON96-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	ALTERATION Ep B	ALTERATION MS C	ALTERATION Qz Jsp D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	Au g/t
12	100			0 - 4.6 CASING								0.00
14	98			4.6 - 52.0 MEDIUM GREYISH GREEN ANDESITE PILLOWS & PILLOW BRECCIA. Fine grained andesite with well defined chlorite - epidote altered pillow rinds. Also sections of well defined pillow breccias with strong chlorite - epidote & orange jasper/mudstone matrix. Local sections of dark chloritic hyaloclastite. Mineralization: local 2-5% pyrite as chlorite - pyrite stringers & as matrix replacement in QZ-CL-EP altered pillow breccias. (16.9 - 18.8) 5% py mtx of pillow bxx. (21.5 - 24.0) Strong epidote + jasper/mudstone in matrix of pillow bxx - lapilli tuff. (26.8 - 29.0) well defined hyaloclastite. (29.5 - 30.8) hyaloclastite, calcite fault bxx. (44.0 - 45.0) 3% Py as massive stringers. (50 - 51.3) 2% Py repl. on selvages.								0.03
16	82											0.03
18												
20	82		SLIGHTLY CALCITE									0.02
22	100		CALCITE									0.04
24												
26	100											0.03
28	100											0.01
30			30° CAL BXX.									
32	92											0.02
34	100											0.02
36												
38	100											0.01
40	100											0.04
42												
44	100											0.02
46	100											0.03
48												
50	100											0.03
52			45° 50	52.0 - 52.4 ANDESITE LAPILLI TUFF. Dark chloritic matrix supporting angular c.g. clast andesite frags.								
54	100											0.02
56	100			52.4 - 54.0 ORANGE/BROWN TUFFACEOUS CHERT / MUDSTONE								0.22

PAGE 2 OF 5 | PROJECT: MONEY | HOLE NO. MON96-5

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	ASSAYS Zn ppm
- 5% 2-3 % mtx of bxx.	16.9	16.9	18.8		109316	<5	<.2	107	96
	18.8								

PAGE 3 OF 5 | PROJECT: MONEY | HOLE NO. MON96-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	QZ JSP D	E	FRACTURE INTENSITY	% VEIN QTZ.
58			60°	Buff colored very siliceous with lensy laminations + locally clasts (rip ups) of green AN tuff. Sharp but ragged contacts with AN tuff.							0.01
60	92										
62	92			54.0 - 56.4 MAROON + GREEN ANDESITE TUFF							0.01
64			5	Green andesitic tuff with sections of hematite (maroon) calcite veining. Mineralization: minor - trace chalcopyrite in isolated QZ-CAL ± JSP fractures.							
66	92		82°								0.02
68	100			56.4 - 74.2 MEDIUM GREEN + GREY BANDED/ INTERBEDDED CHERT + FINE ANDESITIC TUFF							0.01
70			6								
72	89		66°	Well banded green fine tuff with 20-30% pale grey cherty bands (felsic??) with rare microlytes. The cherty bands are lensy + possibly fragmental. Mineralization: minor disseminated pyrite + porphyroblastic pyrite. (69.0 - 71.0) >40% pink chert bands.							0.01
74	82										0.02
76											
78	100										0.02
80	100		30°	74.2 - 80.6 PALE MOTTLED GREEN ANDESITE TUFF + CHERTY TUFF							0.03
82			7	(=pelagonal) with above indistinct fragmental texture, thinly fine tuff with occasional grey cherty bands.							
84	79										0.03
86	92		20° 43°	80.6 - 86.3 DARK GREEN LAPILLI TUFF + FLOW BRECCIA? WITH MAROON HEMATITE ON FRACTURES							0.04
88			8	Upper section distinct lapilli tuff texture. Lower dark green coarse (1-5cm) fragmental may be flow breccia with calcite-hematite-jasper matrix.							
90	66		80° 85°								0.04
92											
94	66										0.04
96	82			86.3 - 88.2 PALE GREEN TO DARK GREEN ANDESITE TUFF							0.02
98			9	Similar to 74.2 - 80.6 chunky weakly siliceous fine tuff possible lapilli may be pseudo texture. Mineralization: 87.8 - 88.2 3% CPY as ragged masses with pyrite + quartz							
100	100										0.03
102	95										0.04

PAGE 4 OF 5 | PROJECT: MONEY | HOLE NO. MON96-5

MINERIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	ASSAYS Zn ppm
- no sulphides		86.3	86.3		109308	260	15.6	4250	868
- Sem banded massive py. PY 70% to CP.	70%	86.3	86.5		109309	10	<.2	133	424
- no sulphides		86.5	87.8		109310	35	1	142	190
- 4% CP, 5% PY ragged masses + stringers		87.8	88.2		109311	695	36	1.17%	2320
- 80% PY 1-2% CP weakly banded.		88.2	88.9		109312	430	29	9010	8520
- 10-15% PY to CP in silic-MS alt bnd tf.		88.9	89.3		109313	160	4.2	635	9580
- 5% PY fg. disem.		89.3	90.3		109314	70	2.4	514	1725
- no visible sulphides.		90.3	91.3		109315	<5	0.2	238	1250

PAGE 5 OF 5 | PROJECT: | HOLE NO.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
104	89			88.2 - 88.9 [10] MASSIVE SULPHIDES 90% total sulphides, 80% fine grained pyrite with local coarse segregations, 10% gangue patchy streaks of silica + calcite that define weak banding. Also have siliceous fragments 1-2cm. At 88.4 5cm of green tuff with a very sharp sulphide contact.							0.44
106											
108	95										0.03
110											
112	100										0.03
114	95			88.9 - 90.3 [11] STRONGLY PYRITE-SERICITE-QUARTZ ALTERED ANDESITE? TUFF. Similar to (footwall) alteration zones noted in MON96-3,4 but here looks like distinctive fragmental texture, with 2mm - 3cm grey siliceous sericitic fiamme in a tuffaceous + pyritic matrix. Mineralization: 10-15% med-fine grained pyrite trace CP. * significant core loss from 89.3 - 90.3 46% recovery.							0.03
116											
118	100										0.05
120				90.3 - 94.7 [12] DARK GREEN + MAROON FINE-GRAINED TUFF / POSSIBLE FLOW BRECCIA Similar to 80.6 - 86.3. Dark fine grained andesite or fg. tuff cut by fractures filled with Hematite (maroon) + calcite.							
				94.7 - 118.9 [13] EOH. MEDIUM GREEN PERVASIVELY EPIDOTE ALTERED PILLOWED ANDESITE. Very similar to bottom MON96-4. Massive granular epidote alt. Andesite with well developed epidote calcite ± jsp altered selvages + stockwork calcite veins. (99.5 - 99.8) Dark green hyaloclastite. (109.3 - 109.7) Strong epidote - vapour alteration. (109.7 - 113) Maroon Hematite alteration							

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: MONEY	GROUND ELEV.: 1440m
HOLE NO.: MON96-06	BEARING: 310°
LOCATION: Boulder Ckeek	DIP: -60
	TOTAL LENGTH: 90.3m
LOGGED BY: N. Reardon	HORIZONTAL PROJECT
DATE: September 1996	VERTICAL PROJECT
CONTRACTOR: Kluane Drilling Ltd.	
CORE SIZE: NQ	
DATE STARTED: September	
DATE COMPLETED: September	
DIP TESTS: none.	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

- at site of MON96-05.
- hole stopped before target due to thick clay unit
- casing left in.

LEGEND

PAGE 1 OF 12 | PROJECT: MONEY | HOLE NO. MON96-6

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
				0-6.55 CASING							
				6.55-18.7 MEDIUM GREYISH GREEN ANDESITE PILLOWS and minor PILLOW BRECCIA - aphanitic andesite with well-defined pillow rinds - ep, chl, ct +/- jasper mineralization; minor PY in streaks over 8cm at 12.5m.							
				18.7-20.4 ANDESITE LAPILLI TUFF (GREY) PY-chl matrix (80% v.f. gr. py) makes up ~30%, supports zoned, sub-angular grey fragments to 3cm. Frags have pale grey cores, dark grey rims. Variable degree of flattening. Abundant limonite in highly fractured and strongly clay-altered sections (18.35-18.76) more massive <4% v.f. gr py + po? (18.85-19.25) > str. lim., clay altn; fract.							
		fol.									
				20.4-46.9 MEDIUM GREYISH GREEN ANDESITE. massive, minor ep-chl pillow rinds; few ct stringers <1cm at variable core angles; few qz veins to 1cm, also at variable core angles. (22.65-22.80) brecciated with qz matrix, fragments medium beige carbonate altered. (23.45-23.75) bull qz, white, irreg. contacts; str. ep-chl altn at margins. (22.90-23.20) hematized maroon (patchy), fractured. (23.10-23.20) gouge.							
		qz									

PAGE 2 OF 12 | PROJECT: MONEY | HOLE NO. MON96-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
v.f.gr py matrix in tuff	[redacted]	18.76	20.4	1.6	70701	

PROJECT: MONEY

HOLE NO. MON96-6

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
46				20.4-46.9 Cont'd (24.0-24.35) limonite stain, fragmental (tuff?). (27.0-28.8) str. chl+, clay? altrd; soft, pale green, abundant chl stringers. (28.7-28.8) white-grey-green qz vein with angular chl+ fragments + white qz fragments; sharp contacts at 20° core angle. (28.19-29.33) 5 cm str. ep. altered w/ ct stringers; ~3 cm bx ep-hm-qz and 2 cm white qz; irregular contacts. (33.4-35.3) brecciated flow top? several well developed chl-ep 'pillow' breccias (42.7-43.4) flow top? bx, abund. ep-chl, subrounded fragments to 3 cm; minor py as blebs to 3 mm.							
48											
50											
52											
54											
56											
58											
60		ct.									
62											
66											
68											
70		fr.		46.9-47.15 ANDESITE TUFF? as 18.7-20.4 but with matrix of 50% py v.f. qz w/ ep, chl.							
72											
74				47.15-52.35 GREEN GRAY MASSIVE ANDESITE minor ep +/- jasper rinds; locally appears fragmental. Minor qz and ct stringers at 45° or higher core angle, many parallel to core. * minor py replacing pillow rinds w/ ep, chl, ct. (52.10-52.35) intermixing of maroon sediment with andesite, abundant ep.							
76		fr.									
78											
80											
82											
84											
88				52.35-54.8 MAROON CHERTY EXHALITE? v.f. gr. maroon, foln 50-60° core angle defined by reddish streaks; irreg. contact. (53.0-53.1) str. ep. altn on fracs and irreg. patches around fracs.							
90											

PAGE 4 OF 12 | PROJECT: | HOLE NO. MON96-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	ASSAYS Cu (ppm)	ASSAYS Zn (ppm)
46									
48									
50									
52									
54									
56									
58									
60									
62									
64									
66									
68									
70									
72									
74									
76									
78									
80									
82									
84									
38% py, v.f.gr w/ct	86	35.95	86.2	0.25	70702	50	3	8420	16
	88								
	90								

PROJECT: MONEY

HOLE NO. MON96-6

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
92				52.35-54.8 Cont'd. (54.75-54.8) streaky red-orange mixed with maroon; ep at contact; core angle 40°. Interfingering of units over 3 cm at contact.							
100				54.8-55.2 DARK GREEN) LAPILLI TUFF with MAROON (HEM) STREAKS. minor irreg. qz stringers <3mm.							
				55.2-55.65 ORANGE-BROWN JASPEROIDAL CHERTY MUDSTONE. mottled appearance, lensy laminations; very siliceous. (55.45-55.65) highly disrupted, 15% irreg. qz blebs <5mm; minor epidote; 1cm ep band at contact - very irreg and at high angle to core (~10-20°).							
				55.65-56.2 DARK GREEN/MAROON LAPILLI TUFF with HEMATITE (maroon) STREAKS frags to sev. cm; dark grn chl streaks and diss ep. in hm streaks; lower contact 60° gradational intermixing with lower unit over 10cm.							
120				56.2-56.8 ORANGE BROWN JASPEROIDAL CHERTY MUDSTONE mixed with MED GREEN TUFF. lensy mottled appearance; tuff is also siliceous - some lapilli have silicified pinkish cores. Ep streaks. Core angle variable but generally ~15°.							
				56.8-56.95 DARK RED HEMATITIC CHERT. massive, 1mm grains of qz, sharp contacts (45°); 4mm ep band at upper contact.							
130				56.95-58.75 DARK MAROON) LAPILLI TUFF frags to 8cm; matrix str. hm+ local ep. ct. (57.4-57.55) str. contorted, v. high core angle, str. chl, mod ep+							

PAGE 6 OF 12 | PROJECT: | HOLE NO. MON96-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
92									
94									
96									
98									
100									
120									
130									

DEPTH'	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
140				56.85-58.75 (cont'd) (57.55-58.75) abund. qz-ct and ct stringers, irreg. variable core angles, some offset by fracs w/ep.							
142				58.75-59.0 ORANGE BROWN CHERTY MUDSTONE diffuse upper contact, top 10cm str. ep' shaip lower contact.							
144											
146				59.0-59.15 DARK RED HEMATITIC CHERT. siliceous grey blebs, diffuse orange-red patches							
148											
150				59.15-60.85 MIXED DARK GREEN/MAROON LAPILLI TUFF med-str. cb', 1mm cb spots locally. Qz stringers-irreg and discont, offset on some fracs, 5 ct veinlets to 7mm at 45° core angle → assoc w/ str. hm'. 60.55-60.65 qz-cb vein + and. bx.							
152											
154											
156											
158				60.85-78.7 MEDIUM GREEN ANDESITE LAPILLI TUFF streaky med/dk green, few grey, siliceous fragments, sharp upper contact (60.85-61.60) orange-brown, reddish brown and lesser green (ep) streaks. Few pale pink siliceous fragments. (61.6-67.7) more siliceous, a few pale pink-brown siliceous frags <4cm with hm specs. * minor PY on fracs, minor subhedral py and blebs to 1cm w/ chl. Weak ser' streaks of v.f. diss PY locally. * (62.35-62.42) 25% PY in matrix to lapilli, with chl and ct as specks and blebs to 3mm in some fragments. (64.45-64.70) incr. silt', med. grey green, str. cb'; ct specks throughout. (67.05-67.30) 5% ct specks, ct stringers in lower 5cm. (67.8-77.9) abundant diss * PY along fractures (45°) and in frags, matrix; a few							
160											

 PROJECT:

HOLE NO. MON96-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						
140										
150										
160										

 PROJECT: MONEY HOLE NO. MON96-6

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
60.85-78.7				(61.6-67.7) (67.8-77.9 (cont'd) * py blebs to 1cm. Sil+ is stronger than prev. section. or unit is more siliceous. (71.95-72.1 grey siliceous unit with streaks of white specks (fsp?)							
78.7-78.85				PYRITE-QUARTZ-CHLORITE banded py/qz-chl; qz veins are discontinuous, * <5mm. Py ~ 20%, sharp upper contact, gradational lower contact.							
78.85-85.2				DARK GREEN LAPILLI TUFF with MAROON HEMATITE STREAKS (78.85-80.4) dark/med grn str. chl+ tuff, few 1-2mm red jasper streaks (80.4-80.8) v. str. chl+ andesite; soft; lower 3cm qz with chl. streaks. (80.8-85.95) abundant hm streaks with calcite. Minor ep in irreg. blebs (matrix) with chl, hm, ct. (82.38-82.5) hm-ct-ep breccia; core angle 50°.							
85.2-87.4				MEDIUM GREEN FRAGMENTAL pseudofragmental?; trace * 1mm cubic pyrite; pale green ser? and dark green chl streaks <1mm (85.95-86.2) Py-chl-ct; str clay altered, pale green upper and lower contacts; core is * 30-40% v.f. gr. pyrite with dark green chl.							

PAGE 10 OF 12 | PROJECT: | HOLE NO. MON96-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					

PAGE 11 OF 12 | PROJECT: MONEY | HOLE NO. MON96

DEPTH'	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
				87.4-90.3 (EOH) MEDIUM GREEN FRAGMENTAL/ QTZ + CT (1mm') FAULT. strongly fractured; fragmental becomes soft, clayey with a few sections of white/grey qz with some hm streaks (88.1 - 88.5) grey and white qz - ct with chl streaks (88.5 - 90.3) med grey green gritty, clayey mush.							

PAGE 12 OF 12 | PROJECT: | HOLE NO. MON96-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

EQUITY ENGINEERING LTD.

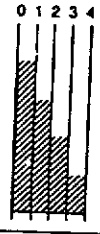
DRILL LOG

PROJECT: MONEY	GROUND ELEV.: 1410 m
HOLE NO.: MON96-07	BEARING: 270°
LOCATION: Boulder Ckeek	DIP: -45
	TOTAL LENGTH: 193.8 m.
LOGGED BY: N. Reardon	HORIZONTAL PROJECT:
DATE: September 26 1996	VERTICAL PROJECT:
CONTRACTOR: Kluane Drilling Ltd.	
CORE SIZE: NQ	
DATE STARTED: September 22	
DATE COMPLETED: September 25	
DIP TESTS: none.	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

80m east of MON96-06; at site flagged by M. Baknes.

Massive sulphide intersection lost during transport from drill site to Wolverine camp.

LEGEND

PAGE 1 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
0.0-				CASING							
-80.7				MEDIUM GREYISH GREEN ANDESITE PILLOWS and PILLOW BRECCIA (minor TUFF) aphanitic andesite with ep-chl pillow rinds; abundant (~10%) dark chlorite blebs and streaks - blebs are rounded to hexagonal, probably pseudomorphs after amphibole; few irreg. qz stringers							
	qz.			(12.1-12.2) massive white qz. core angle 20°.							
	qz.			(14.9-15.2) 1cm wide qz vein at 10° to core, surrounding rock is paler green.							
				(29.9) 2cm massive qz with (?)							
				(33.5-33.7) white qz. (20-30°)							
				(44.6-46.6) minor or-bn jasper streaks w ep; minor tuff?							
				(53.15-53.45) tuff, frags to 5cm.							
				(72.15-72.45) breccia, 2% f. diss * pyrite with ep. chl; weak to mod grey-bn? altn; 6mm qz vein 45°; str. ep chl lower 3cm.							
				(76.7-76.8) pale to med grey * with irreg. streaks of v.f. pyrite and ep; sharp lower contact w/ str. ep over 2cm.							
				(78.0-80.7) tuff and frag. andesite, med grey green to pale green; str. ep throughout, minor or-bn jasper; tr. f. diss * py; locally py blebs to 5mm - replacing lapilli.							
80.7-93.9				MEDIUM GREYISH GREEN ANDESITE massive aphanitic, minor ep-chl-ct bx, streaks; common qz + chl stringers (1mm).							

PAGE 2 OF 12 | PROJECT: MONEY | HOLE NO. MON96-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			

 PROJECT: MONEY HOLE NO. MON96-7

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	JSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
48				93.9-95.4 MEDIUM GREY GREEN and GREY ANDESITE FRAGMENTAL							
50				* abundant pyrite, >5% locally diss and streaks in matrix (93.9-94.25) str. sil+, numerous qz veins at 80° and 20°; grey, pale green, str ep+							
52				* (94.25-95.4) abundant py as matrix to fragmental - v. irreg. grey frags as in MON-96-86; wk-str. ep+							
54											
56											
58				95.4-101.3 MEDIUM GREY GREEN ANDESITE AND FRAGMENTAL ANDESITE							
60				aphanitic massive andesite with numerous sections of diffuse bx with chl-py matrix							
62				Several py-chl bands to 3cm, 90 to 70°; several ep-rich bands							
64				(96.0-96.2) frag. w/py matrix							
66				(96.6-96.9) "							
68				(97.6-97.8) "							
70				(97.37) 2cm py-ep band 45°							
72	qz			(98.15) 5cm " 70-90							
74				(99.05-99.15) red-brn/grn banded.							
76				101.3-102.15 BRECCIATED GREY GREEN ANDESITE with EP-CHL MATRIX							
78				v. angular andesite frags to 5cm in ep-chl matrix, minor qz as 2-3mm blebs in matrix locally; slight reddish tinge in matrix locally.							
80											
82				102.15-103.8 MEDIUM GREY GREEN/DARK RED BROWN ANDESITE TUFF							
84				~40% red brn; weak to mod ep+chl; tr qz blebs in matrix							
88											
90											

PAGE 4 OF 12 | PROJECT: MONEY | HOLE NO. MONQ6-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
48						
50						
52						
54						
56						
58						
60						
62						
64						
66						
68						
70						
72						
74						
76						
78						
80						
82						
84						
86						
88						
90						

PAGE 5 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	J&P D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
94		qz		103.8-115.2 MEDIUM GREY GREEN MASSIVE ANDESITE AND PILLOW ANDESITE Few ep and chl bands 1-2cm, high core angle; common ep-chl pillow rinds ± qz. (104.6-105.1) pale reddish-brown mudstone/tuff with med. grn bands; v. str ep top 3cm and ≤1cm at lower contact - sharp contacts. (113.3-113.54) white, massive qz; ep at contacts, ep xls to 1cm in top 3cm. (114.15-114.95) several dark red hm bands, 2-10cm wide; str. ep assoc. w/ these bands; ep-hm-ct bx at 114.6-114.75.							
96											
98		ep py									
100											
102											
104											
106											
108											
110											
112				115.2-116.9 DARK GREEN/MEDIUM ORANGE BROWN TUFF and MUDSTONE Streaky appearance; or-bn upper to dark green at base. Cut by numerous reg. and irreg. wht qz and qz-chl veins, some contorted and discont. generally // to fol. Or-bn parts are soft.							
114											
116											
118		ep-chl									
120		qz		116.9-118.35 WHITE QUARTZ VEIN with ep, ep-chl streaks (irreg) irreg. contacts ~ perp. to core; 6cm brecciated bn sed frag. at 116.95.							
122											
124											
126		MS		118.35-131.45 MEDIUM GREY GREEN ANDESITE TUFF Streaky appearance, variable hardness, locally mod. sil'; trace diss. py locally, some frags repl. by py + chl; few qz and qz-ct veinlets. Core angle 20-25°. (118.55-118.90) mod sil', sericitic, paler; streaky dk gn chl. matrix. (119.15-119.25) dk. red hm patches, streaks. (119.4-119.5) or-bn streaks ≤1cm.							
128											
130											
?											
134											
136											

PAGE 6 OF 12 | PROJECT: MONEY | HOLE NO. MON96-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	ASSAYS Cu (ppm)	ASSAYS Zn (ppm)
py matrix in frag. py to 30% of matrix locally.		94.25	95.4	1.15	70703	20	0.1	1805	6
massive py - silica ~70% py. py in tuff; tr py disc and minor massive bands.		124.75	126.0	1.25	70704				
		126.0	127.25	1.25	70705				

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
140				118.35-131.45 Cont'd (119.7) 10cm white qz vein // foln. (~20°). (119.8) dk red hm band ~4cm. (120.0) 3cm med red bn sed (121.45-121.5) disrupted, sheared py streaks - v.f.gr. bn py (ps?); a few 1mm porphyroblastic py. (122.3-123.3) limonite on fracs // to foln; tr py as 4mm xls; t. diss or blebs w/ chl replacing fragS <1cm. (123.95-124.5) mod ser+, lower 20cm also mod ep+, pale gy gn. (124.5-124.7) str. sil+ gy-pink fracs. (124.7-124.75) mod ser+ mod ep+							
142											
144											
146											
148											
150											
152											
154											
156				→ MASSIVE SULPHIDE (PY-SIL) (124.75-126.0) v.f. py (+-ps?) and py porphyroblasts to 3mm; ~35% silica (grey). (124.75-125.0) massive PY. <10% silica, sharp upper + lower contacts, upper perp to core, layer at 10°. (boulder?)							
158		sed fol									
160											
162											
164											
166				(126.0-126.37) dark green tuffaceous sed or tuff, tr. py as v.f.gr in streaks.							
168				(126.37-126.40) massive sulfide 90% v.f gr py w/ silica							
170				(126.40-126.42) tuff as prev.							
172			+	(126.42-126.47) massive sulfide >95% f.gr py; bxed 5cm str. hm+, v. sharp contacts ~3°.							
174				(126.47-127.25) tuff, dk gn v.f.gr py streaks (repl. lapilli?)							
176				(127.25-128.0) med. gy-gn andesite flow? several maroon bands + breccia w/ct, ct stringers							
3				(128.0-131.45) dk gn tuff as							
180				prev; f. diss py in streaks // fol (py ~3%); sheared, altered (clayey) through-out; 128.4-129.75 mostly clay mush.							
182											

PAGE 8 OF 12 | PROJECT: MONEY | HOLE NO. mon96-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
140						
142						
144						
146						
148						
150						
152						
154						
158						
162						
164						
166						
168						
170						
172						
176						

PAGE 9 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	EP B	MS C	SR SSP D	HM E	FRACTURE INTENSITY	% VEIN QTZ.
186				131.45-147.1 MEDIUM GREYISH GREEN MASSIVE (and FRAGMENTAL-?) ANDESITE locally appears fragmental with v.dk grn chl +/- ct +/- py in matrix; locally most ep+ along irreg. fracs; also ep-chl-qz-ct pillow breccias; less common jasper (or-red) bands and matrix; minor hm-(maroon) qz-ct (replacing frags).							
188				147.1-147.6 DARK GREEN/MAROON ANDESITE FRAGMENTAL? sub-rounded flattened frags to sev. cm, dark green frags in dark maroon-red matrix; fragmental appearance may be due in part to altn (hm+) on frags.							
190				147.6-148.2 MEDIUM GREY-GREEN MASSIVE ANDESITE							
				148.2-157.5 DARK GREEN/MAROON ANDESITE FRAGMENTAL (as 147.1-147.6) str. ep+ locally (minor) (151.9-152.1) abund qz stringers, discont, irreg, var core angle							
				157.5-171.5 MEDIUM GREY GREEN/JASPER/MAROON ANDESITE FRAGMENTAL grey-green/maroon frags to several cm, sub-rounded to angular in matrix of smaller (gen. < 1cm) angular medium gy gn and pale gy-gn frags in jasper brick red matrix with minor to abundant ep. Some small ang frags completely repl. by ep. Core angle 20-30°. Some sections similar to 148.2-157.5.							

PAGE 10 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

	MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
186							
188	pyritic fragmental andesite, 2-3% py. replacing fragments.	[redacted]	188.8	189.5	0.7	70706	
190							

PAGE 11 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				171.5-187.8 MEDIUM GREY GREEN ANDESITE PILLOWS & PILLOW BRECCIA massive aphanitic andesite, few pillow rinds with ep, chl +/- qz.							
				187.8-188.2 MEDIUM & DARK GREEN ANDESITE FRAGMENTAL (TUFF?) medium green sub-rounded fragments in dark green chl+ ep matrix; margins of some fragments replaced by very fine gr. py. (tot py 2-3%).							
				188.2-188.8 MEDIUM GREY GREEN ANDESITE massive, aphanitic							
				188.8-189.5 MEDIUM and DARK GREEN ANDESITE FRAGMENTAL as 187.8-188.2							
				189.5-193.8 EOH MEDIUM GREY GREEN ANDESITE PILLOWS & PILLOW BRECCIA some well developed pillow breccia - dark green chloritic angular fragments in ep matrix; ep, hm, ct common (rinds). Qz stringers 1-3 mm at various core angles							

PAGE 12 OF 12 | PROJECT: MONEY | HOLE NO. MON96-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

AK	Ankerite	BI	biotite	CA	calcite
CB	Fe-carbonate	CL	chlorite	CY	clay
EP	epidote	GE	goethite	GL	galena
GR	graphite	HE	hematite	JA	jarosite
KF	potassium feldspar	MG	magnetite	MN	Mn-oxides
MS	sericite	PY	pyrite	QZ	quartz
SI	silica	SP	sphalerite		

ALTERATION INTENSITY

tr	trace	w	weak	m	moderate
		s	strong		

Property : Money NTS : Date :

Sample No.						Au	Ag	Cu	Pb	Zn	Ba
	UTM : N	Type : Grab	Alteration :	wCL,sSI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	E	Strike Length Exp. : 25 m	Metallics :	trCP,4%PY,1%SP							
4667	Elevation: 1515 m	Sample Width : m	Secondaries:	sGE		15	0.8	448	4	2140	90
	Jointing : 155 / 45 W	True Width : >10 m	Host :	Medium green silicified andesite?							

Comments : >10m thickness fissile silicified fine-grained andesite? tuff or massive flow. Pervasive silicification and subparallel to fissile cleavage stockwork. Minor sphalerite discordant alteration zone?

Sample No.						Au	Ag	Cu	Pb	Zn	Ba
	Grid Co-or. 37+75	Type : Grab	Alteration :	wMS		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	50+00	Strike Length Exp. : 3 m	Metallics :								
4668	Elevation: 1405 m	Sample Width : 1 m	Secondaries:			10	<.2	16	<2	78	5290
	Bedding : 158 / 68 E	True Width : 1 m	Host :	Possible rhyolite lapilli tuff chert							

Comments : 1-15cm lens shaped aphanitic white to greenish siliceous - rhyolite/chert fragments in a foliated medium green fine-grained matrix. *WHOLE ROCK + ICP

Sample No.						Au	Ag	Cu	Pb	Zn	Ba
	Grid Co-or. 100+00	Type : Grab	Alteration :	wCA,wCL,wQZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	1+25	Strike Length Exp. : 3 m	Metallics :								
4669	Elevation: 1620 m	Sample Width : m	Secondaries:			<5	<.2	70	<2	98	260
	Orientation: /	True Width : m	Host :	Siliceous andesitic tuff/siliceous andesite							

Comments : Within mercury soil anomaly. Pale green fine divitrification textures? Minor quartz-chlorite veining.

Sample No.						Au	Ag	Cu	Pb	Zn	Ba
	UTM : N	Type : Float	Alteration :	wCB,wEP		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	E	Strike Length Exp. : m	Metallics :	3%HS							
4670	Elevation:	Sample Width : m	Secondaries:	sHE		<5	<.2	89	<2	34	2590
	Orientation: /	True Width : m	Host :	Red jasper							

Comments : 10m north of 78m on MON96-2 profile. Red banded jasper with minor specularite 40X40 area, very angular boulders associated with red/purple hematitic shale/mudstone float, near projection of massive sulphides in Welcome North Creek.

Sample No.						Au	Ag	Cu	Pb	Zn	Ba
	Grid Co-or. 50+25	Type : Grab	Alteration :	wCL,mEP,sQZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	48+90	Strike Length Exp. : 1 m	Metallics :	15%PY							
4671	Elevation: 1570 m	Sample Width : 15 m	Secondaries:	sGE		65	2.8	63	90	334	100
	Foliation : 070 / 90 ?	True Width : m	Host :	Silicified andesite							

Comments : Disrupted or amoungst unaltered andesite 1X1X1m exposure, strong silicification +/- chlorite with disseminated and stockwork pyrite. Looks similar to other alteration zones.

APPENDIX E

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9624922

Comments: ATTN: MARK E. BAKNES

CERTIFICATE A9624922

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
226	3	0-3 Kg crush and split
3202	3	Rock - save entire reject
285	3	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	3	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	3	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	3	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	3	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	3	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	3	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	3	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	3	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	3	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	3	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	3	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	3	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	3	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	3	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	3	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	3	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	3	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	3	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	3	Pb ppm: 24 element, rock & core	AAS	2	10000
582	3	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	3	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	3	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	3	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	3	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN96-02
Comments: ATTN: MARK E. BAKNES

Page Number : 1-A
Total Pages : 1
Certificate Date: 29-JUL-96
Invoice No. : I9624922
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9624922

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
4667	205	226	15	0.8	5.08	90	< 0.5	< 2	0.20	17.0	19	181	448	8.14	1.36	3.23
4668	205	226	10	< 0.2	3.42	5290	0.5	< 2	0.30	< 0.5	8	125	16	2.31	1.73	0.75
4669	205	226	< 5	< 0.2	6.60	260	< 0.5	< 2	3.92	< 0.5	37	68	70	7.49	0.28	4.28

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN96-02
Comments: ATTN: MARK E. BAKNES

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUL-96
Invoice No. :I9624922
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624922

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
4667	205	226	1045	< 1	0.37	24	210	4	2	0.61	206	< 10	2140			
4668	205	226	650	< 1	0.04	46	460	< 2	28	0.23	87	< 10	78			
4669	205	226	1560	< 1	1.90	43	810	< 2	76	0.94	335	10	98			

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9624924

Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

CERTIFICATE A9624924

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	1	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
902	1	Al2O3 %: XRF	XRF	0.01	100.00
906	1	CaO %: XRF	XRF	0.01	100.00
2590	1	Cr2O3 %: XRF	XRF	0.01	100.00
903	1	Fe2O3 %: XRF	XRF	0.01	100.00
908	1	K2O %: XRF	XRF	0.01	100.00
905	1	MgO %: XRF	XRF	0.01	100.00
1989	1	MnO %: XRF	XRF	0.01	100.00
907	1	Na2O %: XRF	XRF	0.01	100.00
909	1	P2O5 %: XRF	XRF	0.01	100.00
901	1	SiO2 %: XRF	XRF	0.01	100.00
904	1	TiO2 %: XRF	XRF	0.01	100.00
910	1	LOI %: XRF	XRF	0.01	100.00
2540	1	Total %	CALCULATION	0.01	105.00
2891	1	Ba ppm: XRF	XRF	5	50000
2067	1	Rb ppm: XRF	XRF	2	50000
2898	1	Sr ppm: XRF	XRF	2	50000
2973	1	Nb ppm: XRF	XRF	2	50000
2978	1	Zr ppm: XRF	XRF	3	50000
2974	1	Y ppm: XRF	XRF	2	50000

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207 - 675 W. HASTINGS ST.
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V6B 1N2

Project : ATN96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number :1
Total Pages :1
Certificate Date: 06-AUG-96
Invoice No. : I9624924
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9624924

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
4668	299	--	6.82	0.46	< 0.01	3.44	2.26	1.20	0.09	< 0.01	0.11	81.43	0.40	1.92	98.13	6820	72	16	10	132	18

CERTIFICATION: Heather Buchholz

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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V6B 1N2

A9624925

Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

CERTIFICATE A9624925

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	6	Dry, sieve to -80 mesh
202	6	save reject
285	6	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	6	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	6	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	6	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	6	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	6	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	6	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	6	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	6	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	6	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	6	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	6	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	6	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	6	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	6	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	6	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	6	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	6	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	6	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	6	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	6	Pb ppm: 24 element, rock & core	AAS	2	10000
582	6	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	6	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	6	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	6	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	6	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number : 1-A
Total Pages : 1
Certificate Date: 29-JUL-96
Invoice No. : I9624925
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9624925

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
MB 96-1	201	202	< 5	< 0.2	7.73	530	< 0.5	< 2	4.03	< 0.5	43	260	299	7.22	0.97	3.38
MB 96-2	201	202	< 5	< 0.2	7.31	440	< 0.5	< 2	3.60	0.5	40	243	261	7.22	0.96	3.34
MB 96-3	201	202	< 5	< 0.2	7.23	520	< 0.5	< 2	3.38	0.5	38	233	227	7.42	1.03	3.09
MB 96-4	201	202	< 5	< 0.2	7.12	340	< 0.5	< 2	4.93	< 0.5	22	218	80	5.27	0.66	2.14
MB 96-5	201	202	< 5	< 0.2	7.28	500	< 0.5	< 2	4.04	< 0.5	29	225	111	5.48	0.89	2.59
MB 96-6	201	202	< 5	< 0.2	6.62	550	< 0.5	< 2	2.43	0.5	30	188	294	5.84	1.00	2.65

CERTIFICATION: Ian Bichler

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V6B 1N2

Project : ATN96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUL-96
Invoice No. :19624925
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624925

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
MB 96-1	201 202	1295	< 1	1.66	72	610	< 2	139	0.67	250	30	228
MB 96-2	201 202	1245	< 1	1.63	72	540	< 2	111	0.65	239	20	188
MB 96-3	201 202	1275	< 1	1.61	71	620	< 2	104	0.64	239	10	156
MB 96-4	201 202	815	< 1	1.22	47	490	< 2	214	0.59	237	20	72
MB 96-5	201 202	1190	< 1	1.40	65	630	< 2	180	0.60	223	10	100
MB 96-6	201 202	830	< 1	1.23	53	730	< 2	116	0.60	214	10	122

CERTIFICATION: Ian Bichler

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To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

A9624936

Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

CERTIFICATE A9624936

(EIA) - EQUITY ENGINEERING LTD.

Project: ATNA96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	9	Dry, sieve to -80 mesh
202	9	save reject
285	9	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	9	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	9	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	9	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	9	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	9	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	9	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	9	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	9	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	9	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	9	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	9	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	9	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	9	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	9	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	9	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	9	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	9	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	9	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	9	Pb ppm: 24 element, rock & core	AAS	2	10000
582	9	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	9	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	9	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	9	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	9	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATNA96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number :1-A
Total Pages :1
Certificate Date: 29-JUL-96
Invoice No. :I9624936
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624936

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CL 1475 000W	201	202	< 5	< 0.2	6.97	1000	0.5	< 2	1.22	< 0.5	36	207	110	5.35	1.43	2.96
CL 1475 050W	201	202	< 5	< 0.2	5.75	480	0.5	< 2	1.73	< 0.5	26	82	93	4.22	1.03	1.72
CL 1475 100W	201	202	< 5	< 0.2	6.48	620	< 0.5	< 2	1.69	< 0.5	32	167	179	5.71	1.06	2.39
CL 1475 150W	201	202	< 5	< 0.2	6.94	310	< 0.5	< 2	2.45	< 0.5	39	165	163	6.16	0.56	3.61
CL 1475 200W	201	202	< 5	< 0.2	2.52	130	< 0.5	< 2	3.05	< 0.5	32	57	159	2.79	0.22	1.27
CL 1475 250W	201	202	< 5	< 0.2	4.87	220	< 0.5	< 2	2.42	1.0	19	148	178	3.31	0.85	2.03
CL 1475 300W	201	202	< 5	< 0.2	6.47	120	< 0.5	< 2	2.99	< 0.5	42	141	165	6.59	0.39	3.92
CL 1475 350W	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
CL 1475 400W	201	202	< 5	< 0.2	4.37	280	< 0.5	< 2	1.71	0.5	16	77	181	2.69	0.66	1.55
CL 1475 450W	201	202	< 5	< 0.2	6.27	140	< 0.5	< 2	2.95	< 0.5	43	156	147	6.04	0.28	3.88

CERTIFICATION:

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To: EQUITY ENGINEERING LTD.

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Project : ATNA96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUL-96
Invoice No. :I9624936
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Account :EIA

CERTIFICATE OF ANALYSIS A9624936

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CL 1475 000W	201	202	1190	< 1	0.56	79	660	< 2	45	0.54	230	10	114			
CL 1475 050W	201	202	910	< 1	1.37	31	1530	< 2	176	0.48	160	< 10	168			
CL 1475 100W	201	202	930	< 1	1.23	55	780	2	78	0.57	215	10	270			
CL 1475 150W	201	202	1235	< 1	1.21	56	680	< 2	129	0.60	239	10	122			
CL 1475 200W	201	202	955	< 1	0.34	20	1460	< 2	73	0.19	93	< 10	34			
CL 1475 250W	201	202	660	< 1	0.57	41	990	< 2	38	0.34	150	10	270			
CL 1475 300W	201	202	1295	< 1	1.27	44	420	< 2	93	0.65	260	20	122			
CL 1475 350W	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
CL 1475 400W	201	202	610	< 1	1.05	25	1390	< 2	153	0.20	84	< 10	76			
CL 1475 450W	201	202	1170	< 1	1.33	50	500	< 2	106	0.54	222	10	86			

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9628023

Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

CERTIFICATE A9628023

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN 96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	31	RUSH Geo ring to approx 150 mesh
295	31	RUSH crush and split (0-3 Kg)
3202	31	Rock - save entire reject
285	31	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
990	31	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
578	31	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	31	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	31	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	31	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	31	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	31	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	31	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	31	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	31	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	31	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	31	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	31	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	31	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	31	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	31	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	31	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	31	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	31	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	31	Pb ppm: 24 element, rock & core	AAS	2	10000
582	31	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	31	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	31	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	31	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	31	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN 96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

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Total Pages :1
Certificate Date: 18-AUG-96
Invoice No. :19628023
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9628023

SAMPLE	PREP CODE		Au ppb RUSH	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
109264	255	295	< 5	< 0.2	5.07	740	< 0.5	< 2	0.33	< 0.5	10	72	48	3.49	1.26	2.31
109265	255	295	20	1.0	5.87	220	< 0.5	< 2	0.50	6.5	15	76	415	4.25	0.65	3.23
109266	255	295	75	5.0	6.79	660	< 0.5	< 2	0.70	10.0	43	136	2230	14.00	1.89	6.03
109267	255	295	60	3.0	3.48	320	< 0.5	< 2	0.31	7.5	46	141	2420	13.70	1.50	1.85
109268	255	295	45	1.6	3.70	250	< 0.5	< 2	0.10	17.0	42	177	1325	12.60	1.44	2.20
109269	255	295	50	0.8	4.52	280	< 0.5	< 2	0.13	15.5	28	66	316	8.40	1.42	3.50
109270	255	295	30	1.6	3.67	210	< 0.5	< 2	0.15	15.0	43	91	490	10.60	1.09	2.96
109271	255	295	25	1.8	6.81	100	< 0.5	< 2	0.63	1.5	29	62	402	7.63	0.34	9.00
109272	255	295	60	2.0	4.41	250	< 0.5	< 2	0.53	2.5	65	149	130	11.00	1.71	2.38
109273	255	295	50	4.2	7.52	270	< 0.5	< 2	0.77	3.5	44	100	1610	10.35	1.43	7.27
109274	255	295	30	1.6	4.10	440	< 0.5	< 2	0.48	3.0	37	99	616	11.85	2.14	1.07
109275	255	295	40	1.6	3.01	130	< 0.5	< 2	0.35	4.0	37	118	259	12.25	1.49	0.85
109276	255	295	185	5.4	3.89	130	< 0.5	< 2	0.33	18.5	42	171	2080	12.00	1.58	1.40
109277	255	295	60	1.4	2.92	130	< 0.5	< 2	0.18	3.0	49	128	255	12.05	1.40	1.00
109278	255	295	35	0.6	4.69	190	< 0.5	< 2	0.35	2.0	39	82	231	9.53	1.79	2.55
109279	255	295	25	1.2	4.54	240	< 0.5	< 2	0.55	3.0	42	77	461	10.55	1.74	2.41
109280	255	295	15	0.2	5.87	230	< 0.5	< 2	0.84	< 0.5	50	40	364	8.05	1.12	4.36
109281	255	295	< 5	< 0.2	7.38	10	< 0.5	< 2	2.02	< 0.5	36	135	109	6.63	0.06	5.42
109282	255	295	15	1.0	7.96	30	< 0.5	< 2	2.26	< 0.5	44	277	115	6.74	0.15	4.42
109283	255	295	15	0.4	7.14	70	< 0.5	< 2	0.85	< 0.5	41	182	185	7.59	0.45	5.32
109284	255	295	25	0.8	3.73	130	< 0.5	< 2	0.46	< 0.5	191	80	502	18.85	1.21	2.32
109285	255	295	15	0.4	4.99	130	< 0.5	< 2	0.63	< 0.5	132	58	76	14.05	1.30	3.70
109286	255	295	35	1.6	3.97	110	< 0.5	< 2	0.50	13.5	150	132	735	15.95	1.16	2.73
109287	255	295	25	0.8	4.89	120	< 0.5	< 2	0.67	1.0	41	57	391	8.70	1.57	3.17
109288	255	295	50	2.2	4.50	100	< 0.5	< 2	0.58	1.5	43	79	1050	11.40	1.63	2.55
109289	255	295	30	0.8	4.69	130	< 0.5	< 2	0.43	1.0	39	81	318	10.15	1.64	2.56
109290	255	295	30	0.6	5.71	140	< 0.5	< 2	0.79	1.5	37	88	270	9.16	2.22	3.08
109291	255	295	15	0.4	7.67	230	< 0.5	< 2	0.81	< 0.5	37	163	232	6.79	2.39	5.40
109292	255	295	20	4.2	6.70	190	< 0.5	< 2	0.66	< 0.5	35	251	2860	8.27	1.91	5.00
109293	255	295	15	1.2	7.22	60	< 0.5	< 2	0.66	< 0.5	36	305	838	6.77	0.60	5.64
109294	255	295	< 5	0.4	7.25	10	< 0.5	< 2	1.53	< 0.5	39	324	107	5.49	0.07	6.01

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN 96-02
Comments: ATTN: MARK E. BAKNES CC: RICK KEMP

Page Number :1-B
Total Pages :1
Certificate Date: 18-AUG-96
Invoice No. :I9628023
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9628023

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
109264	255	295	1315	1	0.65	53	510	< 2	9	0.27	121	< 10	286			
109265	255	295	915	5	1.57	57	680	12	7	0.38	148	< 10	1210			
109266	255	295	790	27	0.19	47	580	86	1	0.77	284	< 10	2640			
109267	255	295	165	27	0.07	24	360	32	< 1	0.41	161	< 10	2270			
109268	255	295	180	23	0.06	24	410	24	1	0.43	166	< 10	3260			
109269	255	295	250	11	0.09	33	530	18	1	0.55	196	< 10	4220			
109270	255	295	205	13	0.06	29	460	30	1	0.47	167	< 10	3720			
109271	255	295	645	6	0.16	39	670	40	1	0.77	244	< 10	1270			
109272	255	295	195	12	0.08	22	500	108	1	0.65	198	< 10	954			
109273	255	295	645	14	0.21	45	820	34	1	0.91	294	< 10	1005			
109274	255	295	75	15	0.06	22	510	26	1	0.59	206	< 10	808			
109275	255	295	65	16	0.04	16	390	36	1	0.45	133	< 10	1640			
109276	255	295	120	25	0.10	27	540	100	4	0.53	204	< 10	3440			
109277	255	295	90	17	0.03	17	320	38	1	0.42	137	< 10	1270			
109278	255	295	280	8	0.06	24	630	20	1	0.69	208	< 10	1080			
109279	255	295	305	11	0.11	23	570	36	1	0.68	212	< 10	1045			
109280	255	295	760	4	0.53	22	690	6	1	0.85	260	< 10	640			
109281	255	295	955	3	2.61	55	690	8	10	0.87	303	< 10	306			
109282	255	295	650	7	3.87	90	480	8	26	0.68	241	< 10	198			
109283	255	295	1130	6	1.90	55	660	10	8	0.77	266	< 10	574			
109284	255	295	445	41	0.07	18	450	16	1	0.51	172	< 10	424			
109285	255	295	700	8	0.10	23	590	8	1	0.74	222	< 10	512			
109286	255	295	480	21	0.07	24	470	20	1	0.58	180	< 10	4810			
109287	255	295	490	7	0.09	26	610	18	1	0.75	227	< 10	692			
109288	255	295	400	13	0.07	27	540	32	< 1	0.68	206	< 10	836			
109289	255	295	390	8	0.07	22	550	22	1	0.65	209	< 10	866			
109290	255	295	500	13	0.09	26	680	28	< 1	0.88	277	< 10	886			
109291	255	295	945	4	0.18	55	660	8	1	0.87	306	< 10	756			
109292	255	295	935	21	0.20	59	530	20	1	0.68	230	< 10	706			
109293	255	295	1235	4	1.95	76	500	10	7	0.63	227	< 10	728			
109294	255	295	1135	2	2.71	87	510	4	22	0.64	226	< 10	246			

CERTIFICATION: Peter H. Bradshaw

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9628146

Comments: ATTN: MARK E. BAKNES CC:RICK KEMP

CERTIFICATE A9628146

(EIA) - EQUITY ENGINEERING LTD.

Project: MONEY
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	42	Dry, sieve to -80 mesh
202	42	save reject
285	42	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	42	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	42	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	42	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	42	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	42	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	42	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	42	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	42	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	42	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	42	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	42	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	42	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	42	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	42	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	42	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	42	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	42	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	42	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	42	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	42	Pb ppm: 24 element, rock & core	AAS	2	10000
582	42	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	42	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	42	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	42	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	42	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONEY
Comments: ATTN: MARK E. BAKNES CC:RICK KEMP

Page Number :1-A
Total Pages :2
Certificate Date: 26-AUG-96
Invoice No. :I9628146
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9628146

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L1000S 000E	201	202	< 5	< 0.2	6.65	580	0.5	< 2	3.03	< 0.5	21	148	54	4.67	0.95	1.75
L1000S 025E	201	202	< 5	< 0.2	6.53	430	< 0.5	< 2	2.50	< 0.5	25	177	61	5.05	0.74	1.92
L1000S 050E	201	202	< 5	< 0.2	6.90	770	0.5	< 2	2.23	< 0.5	25	176	62	4.86	1.20	1.86
L1000S 075E	201	202	25	< 0.2	6.36	580	< 0.5	< 2	1.45	0.5	18	144	53	5.57	0.74	1.74
L1000S 100E	201	202	< 5	< 0.2	6.80	660	0.5	< 2	3.23	< 0.5	17	165	46	4.60	1.10	1.72
L1000S 125E	201	202	< 5	< 0.2	6.59	720	0.5	< 2	1.50	1.0	20	149	44	5.43	1.14	1.73
L1000S 150E	201	202	< 5	< 0.2	7.11	700	0.5	< 2	1.82	0.5	16	128	47	5.26	1.07	1.71
L1000S 175E	201	202	< 5	< 0.2	6.94	770	0.5	< 2	2.61	< 0.5	18	158	55	4.51	1.34	1.95
L1000S 200E	201	202	30	< 0.2	6.68	830	0.5	< 2	1.34	< 0.5	23	129	46	5.14	1.23	1.49
L1000S 225E	201	202	< 5	< 0.2	6.71	840	0.5	< 2	1.46	< 0.5	14	93	59	3.28	1.48	1.19
L1000S 250E	201	202	< 5	< 0.2	6.86	700	0.5	< 2	2.76	< 0.5	19	160	70	4.41	1.16	1.90
L1000S 275E	201	202	< 5	< 0.2	7.17	860	0.5	< 2	1.53	< 0.5	23	155	98	4.40	1.36	2.10
L1000S 300E	201	202	< 5	< 0.2	6.52	850	0.5	< 2	1.42	0.5	18	146	48	5.64	1.05	1.62
L1000S 025W	201	202	< 5	< 0.2	6.07	590	0.5	< 2	1.96	0.5	19	153	76	4.59	1.01	1.62
L1000S 050W	201	202	< 5	< 0.2	7.03	300	< 0.5	< 2	3.26	0.5	26	225	47	5.85	0.87	2.60
L1000S 075W	201	202	< 5	< 0.2	7.27	660	< 0.5	< 2	3.05	0.5	23	198	55	5.54	1.07	2.18
L1000S 100W	201	202	< 5	< 0.2	6.86	700	0.5	< 2	2.43	< 0.5	19	161	72	5.12	1.15	1.68
L1000S 125W	201	202	< 5	< 0.2	6.45	470	< 0.5	< 2	2.68	0.5	15	142	32	4.38	0.96	1.47
L1000S 150W	201	202	< 5	< 0.2	7.43	440	< 0.5	< 2	3.80	0.5	28	225	69	5.67	0.84	2.43
L1000S 175W	201	202	< 5	< 0.2	7.28	540	< 0.5	< 2	3.99	0.5	17	186	49	5.46	0.83	1.56
L1000S 200W	201	202	< 5	< 0.2	6.58	380	< 0.5	< 2	3.58	< 0.5	25	213	62	5.35	0.76	2.17
L1000S 225W	201	202	< 5	< 0.2	5.65	470	< 0.5	< 2	2.88	< 0.5	13	164	29	4.81	0.73	1.36
L1000S 250W	201	202	< 5	< 0.2	6.86	350	< 0.5	< 2	3.84	0.5	21	227	45	5.67	1.12	2.08
L1000S 275W	201	202	< 5	< 0.2	7.52	400	< 0.5	< 2	4.66	< 0.5	22	231	62	5.55	0.65	2.11
L1000S 300W	201	202	< 5	< 0.2	7.95	440	< 0.5	< 2	3.99	< 0.5	27	256	129	5.88	0.64	2.54
LON 000E	201	202	< 5	< 0.2	6.90	420	< 0.5	< 2	3.65	< 0.5	18	165	52	5.24	0.77	1.78
LON 025E	201	202	< 5	< 0.2	6.16	510	< 0.5	< 2	1.94	< 0.5	17	146	51	5.09	0.86	1.68
LON 050E	201	202	< 5	< 0.2	5.74	510	< 0.5	< 2	1.89	< 0.5	14	137	45	4.72	0.75	1.54
LON 075E	201	202	< 5	< 0.2	6.30	480	< 0.5	< 2	1.65	0.5	24	199	63	5.56	0.70	2.16
LON 100E	201	202	< 5	< 0.2	6.53	770	< 0.5	< 2	1.50	< 0.5	27	158	60	6.16	0.94	2.11
LON 125E	201	202	< 5	< 0.2	5.98	690	< 0.5	< 2	1.32	0.5	21	143	58	5.73	0.86	1.76
LON 150E	201	202	< 5	< 0.2	5.69	750	< 0.5	< 2	0.85	< 0.5	15	107	37	4.76	1.00	1.16
LON 175E	201	202	< 5	< 0.2	6.18	660	< 0.5	< 2	1.34	< 0.5	27	144	59	5.81	0.87	1.75
LON 200E	201	202	< 5	< 0.2	6.86	580	< 0.5	< 2	3.01	< 0.5	21	158	74	4.94	0.97	1.77
LON 025W	201	202	< 5	< 0.2	6.94	490	< 0.5	< 2	2.63	< 0.5	22	213	67	5.52	1.01	2.10
LON 050W	201	202	< 5	< 0.2	6.83	430	< 0.5	< 2	2.41	< 0.5	23	219	71	5.47	0.72	2.26
LON 075W	201	202	< 5	< 0.2	6.58	560	< 0.5	< 2	2.54	< 0.5	20	158	67	4.76	0.96	1.83
LON 100W	201	202	< 5	< 0.2	6.18	500	< 0.5	< 2	2.30	< 0.5	25	181	67	4.97	0.75	2.06
LON 125W	201	202	< 5	< 0.2	5.47	320	< 0.5	< 2	2.12	< 0.5	21	115	51	5.40	0.61	2.11
LON 150W	201	202	< 5	< 0.2	7.51	290	< 0.5	< 2	1.26	< 0.5	27	258	96	6.02	0.47	3.55

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONEY
Comments: ATTN: MARK E. BAKNES CC:RICK KEMP

Page Number :1-B
Total Pages :2
Certificate Date: 26-AUG-96
Invoice No. :I9628146
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9628146

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L1000S 000E	201	202	835	< 1	1.40	40	600	< 2	176	0.53	197	< 10	76			
L1000S 025E	201	202	945	1	1.31	58	1000	< 2	113	0.56	209	< 10	96			
L1000S 050E	201	202	760	1	1.46	47	520	4	146	0.54	201	< 10	78			
L1000S 075E	201	202	720	1	0.87	41	860	< 2	97	0.57	209	< 10	86			
L1000S 100E	201	202	685	< 1	1.43	38	590	< 2	196	0.57	207	< 10	64			
L1000S 125E	201	202	795	1	1.17	39	1320	4	119	0.59	206	< 10	188			
L1000S 150E	201	202	720	1	1.36	38	870	4	227	0.56	203	< 10	82			
L1000S 175E	201	202	720	< 1	1.45	40	820	< 2	171	0.59	192	< 10	76			
L1000S 200E	201	202	1185	1	1.18	35	2010	4	165	0.50	189	< 10	124			
L1000S 225E	201	202	705	1	1.62	24	1270	4	274	0.42	137	< 10	70			
L1000S 250E	201	202	710	1	1.48	43	590	< 2	175	0.55	195	< 10	72			
L1000S 275E	201	202	795	1	1.41	50	980	2	164	0.52	180	< 10	94			
L1000S 300E	201	202	830	< 1	0.97	41	780	< 2	122	0.60	224	< 10	104			
L1000S 025W	201	202	795	1	1.20	35	1300	2	122	0.57	201	< 10	88			
L1000S 050W	201	202	1195	1	1.52	49	1140	< 2	117	0.66	231	< 10	92			
L1000S 075W	201	202	860	1	1.33	50	720	< 2	148	0.62	228	< 10	96			
L1000S 100W	201	202	775	1	1.27	37	1060	< 2	179	0.55	201	< 10	114			
L1000S 125W	201	202	870	1	1.45	28	790	< 2	203	0.57	190	< 10	74			
L1000S 150W	201	202	975	< 1	1.41	56	1070	10	162	0.62	233	< 10	106			
L1000S 175W	201	202	715	1	1.20	38	600	< 2	215	0.58	234	< 10	82			
L1000S 200W	201	202	820	< 1	1.39	48	1320	< 2	145	0.56	213	< 10	84			
L1000S 225W	201	202	665	1	1.06	27	1310	< 2	133	0.56	199	< 10	88			
L1000S 250W	201	202	745	< 1	1.30	42	730	< 2	146	0.65	224	< 10	76			
L1000S 275W	201	202	795	1	1.37	50	600	< 2	196	0.57	232	< 10	68			
L1000S 300W	201	202	955	1	1.25	63	940	< 2	157	0.59	238	< 10	82			
LON 000E	201	202	725	< 1	1.27	35	780	< 2	212	0.59	227	< 10	66			
LON 025E	201	202	600	1	1.01	37	980	< 2	124	0.58	201	< 10	78			
LON 050E	201	202	600	1	1.16	32	1030	< 2	131	0.56	197	< 10	74			
LON 075E	201	202	1100	1	1.16	44	1880	< 2	91	0.59	225	< 10	108			
LON 100E	201	202	1445	1	1.05	40	1740	< 2	74	0.61	249	< 10	104			
LON 125E	201	202	960	1	0.86	38	1900	< 2	82	0.61	231	< 10	94			
LON 150E	201	202	1110	1	0.69	28	1630	< 2	74	0.52	196	< 10	98			
LON 175E	201	202	1570	1	0.94	40	1470	< 2	84	0.60	246	< 10	126			
LON 200E	201	202	710	1	1.38	41	690	< 2	178	0.62	217	< 10	92			
LON 025W	201	202	775	< 1	1.30	50	1110	< 2	125	0.59	214	< 10	90			
LON 050W	201	202	765	1	1.25	51	830	< 2	142	0.59	217	< 10	104			
LON 075W	201	202	755	< 1	1.37	38	850	4	154	0.57	204	< 10	78			
LON 100W	201	202	1035	< 1	1.17	41	1500	2	124	0.56	205	< 10	98			
LON 125W	201	202	800	1	1.09	31	900	< 2	99	0.65	217	< 10	78			
LON 150W	201	202	970	1	1.09	55	600	< 2	94	0.63	240	< 10	92			

CERTIFICATION: Stewart Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project : MONEY
Comments: ATTN: MARK E. BAKNES CC:RICK KEMP

CERTIFICATE OF ANALYSIS A9628146

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
LON 175W	201 202	< 5	< 0.2	7.85	370	< 0.5	< 2	2.07	0.5	31	296	108	6.41	0.64	3.41
LON 200W	201 202	< 5	< 0.2	7.69	310	< 0.5	< 2	1.88	< 0.5	33	279	92	5.86	0.60	3.62

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONEY
Comments: ATTN: MARK E. BAKNES CC:RICK KEMP

Certificate Date: 26-AUG-96
Invoice No. : I9628146
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9628146

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
LON 175W	201	202	1120	< 1	1.46	68	760	< 2	90	0.63	250	< 10	122
LON 200W	201	202	1185	1	1.85	68	470	< 2	98	0.68	230	< 10	90

CERTIFICATION: Hunt Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A96294

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9629440

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	24	Geochem ring to approx 150 mesh
294	24	4-7 Kg crush and split
285	24	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
96	24	Au ppm: Fuse 10 g sample	FA-AAS	0.005	10.00
578	24	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	24	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	24	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	24	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	24	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	24	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	24	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	24	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	24	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	24	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	24	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	24	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	24	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	24	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	24	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	24	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	24	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	24	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	24	Pb ppm: 24 element, rock & core	AAS	2	10000
582	24	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	24	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	24	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	24	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	24	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Certificate Date: 02-SEP-96
Invoice No. : I9629440
P.O. Number :
Account : EIA

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9629440

SAMPLE	PREP CODE		Au ppm FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
4670	205	294	< 0.005	< 0.2	0.45	2590	< 0.5	< 2	1.41	< 0.5	17	270	89	7.80	0.13	0.11
4671	205	294	0.065	2.8	7.79	100	< 0.5	< 2	3.34	0.5	15	60	63	8.37	0.20	0.28
109295	205	294	0.115	6.8	8.25	950	< 0.5	< 2	0.23	1.5	7	114	948	10.00	2.65	5.03
109296	205	294	0.275	13.8	5.32	410	< 0.5	< 2	0.12	0.5	15	83	1055	14.85	0.84	4.20
109297	205	294	0.055	2.6	7.64	210	< 0.5	< 2	0.75	15.0	53	85	609	8.83	1.19	5.99
109298	205	294	0.240	16.0	6.64	80	< 0.5	< 2	0.77	42.0	61	144	2420	12.80	2.55	3.16
109299	205	294	0.845	38.4	2.03	40	< 0.5	Intf*	0.25	15.0	64	76	>10000	>25.0	0.27	1.79
109300	205	294	0.165	5.2	5.10	60	< 0.5	< 2	0.61	12.5	79	114	9470	17.40	0.98	3.31
109301	205	294	< 0.005	0.2	5.89	350	< 0.5	2	1.15	1.5	17	82	396	4.07	1.19	2.93
109302	205	294	0.065	4.2	7.98	330	< 0.5	< 2	2.13	4.0	41	74	217	6.73	0.97	5.54
109303	205	294	< 0.005	< 0.2	7.54	380	< 0.5	< 2	1.70	< 0.5	69	78	92	9.10	0.95	4.79
109304	205	294	< 0.005	0.4	9.28	1420	< 0.5	< 2	1.48	< 0.5	44	35	159	6.21	2.21	6.43
109305	205	294	0.010	1.8	9.07	230	< 0.5	< 2	0.95	8.0	42	280	272	6.81	2.02	4.59
109306	205	294	0.020	1.8	8.85	320	< 0.5	4	0.88	< 0.5	57	282	111	6.23	1.14	4.99
109307	205	294	< 0.005	0.4	8.00	100	< 0.5	< 2	1.93	2.0	38	167	161	6.68	0.30	5.36
109308	205	294	0.260	15.6	5.87	2590	< 0.5	< 2	0.54	5.0	29	176	4250	11.90	1.17	3.62
109309	205	294	0.010	< 0.2	8.61	1400	< 0.5	< 2	1.38	< 0.5	44	58	133	8.12	2.40	4.45
109310	205	294	0.035	1.0	5.50	1400	0.5	6	0.41	< 0.5	14	75	142	3.45	2.19	1.29
109311	205	294	0.695	36.0	6.37	370	< 0.5	Intf*	0.59	7.5	20	87	>10000	8.57	1.12	3.39
109312	205	294	0.430	29.0	2.21	30	< 0.5	< 2	0.20	71.0	27	112	9010	>25.0	0.84	0.71
109313	205	294	0.160	4.2	3.47	40	< 0.5	2	0.36	49.5	34	85	635	10.40	1.27	2.54
109314	205	294	0.070	2.4	7.67	< 10	< 0.5	< 2	1.01	5.0	37	68	514	8.76	0.04	8.40
109315	205	294	< 0.005	0.2	8.82	< 10	< 0.5	< 2	1.11	< 0.5	35	84	238	8.31	0.04	9.78
109316	205	294	< 0.005	< 0.2	7.81	380	< 0.5	2	4.29	< 0.5	46	88	107	6.22	1.18	3.45

* INTERFERENCES: Cu on Bi and P

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1-B
Total Pages :1
Certificate Date: 02-SEP-96
Invoice No. :19629440
P.O. Number :
Account :EIA

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9629440

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
4670	205	294	700	2	0.03	30	410	< 2	33	< 0.01	123	30	34			
4671	205	294	210	5	4.45	18	880	90	98	1.02	369	30	334			
109295	205	294	1765	22	0.54	41	760	170	27	0.99	418	30	1060			
109296	205	294	1510	19	0.63	52	630	550	26	0.71	295	40	882			
109297	205	294	1950	4	1.13	68	760	72	14	0.85	363	30	4280			
109298	205	294	700	21	0.52	62	500	150	7	0.68	346	50	3970			
109299	205	294	645	87	0.22	67	1115	310	19	0.15	109	100	4250			
109300	205	294	1095	18	1.08	79	560	100	8	0.45	202	50	3550			
109301	205	294	985	1	1.53	68	710	< 2	22	0.38	159	10	678			
109302	205	294	1130	3	2.16	69	830	90	17	0.88	326	30	1535			
109303	205	294	1040	1	1.01	76	1340	< 2	12	0.83	220	40	470			
109304	205	294	680	< 1	0.79	39	930	< 2	6	1.31	445	30	910			
109305	205	294	670	3	2.54	74	530	90	7	0.86	310	30	2130			
109306	205	294	770	4	3.15	102	550	94	8	0.74	283	30	536			
109307	205	294	950	3	2.67	53	670	6	12	0.93	318	30	702			
109308	205	294	1530	27	0.80	78	430	170	46	0.45	210	40	868			
109309	205	294	1820	1	1.02	55	1080	< 2	25	1.08	314	30	424			
109310	205	294	825	1	0.85	47	300	4	34	0.27	143	10	190			
109311	205	294	2170	3	0.92	65	Intf*	82	8	0.36	297	20	2320			
109312	205	294	190	95	0.35	36	< 10	410	1	0.19	155	40	8520			
109313	205	294	250	17	0.09	26	240	74	1	0.35	206	20	9580			
109314	205	294	1125	3	0.19	56	1010	60	2	0.90	335	30	1725			
109315	205	294	1290	< 1	0.21	62	820	18	2	1.02	428	30	1250			
109316	205	294	875	< 1	2.74	52	680	< 2	140	0.94	324	30	96			

CERTIFICATION: Stuart Bichler

* INTERFERENCES: Cu on Bi and P

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9629441

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9629441

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	1	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
902	1	Al2O3 %: XRF	XRF	0.01	100.00
906	1	CaO %: XRF	XRF	0.01	100.00
2590	1	Cr2O3 %: XRF	XRF	0.01	100.00
903	1	Fe2O3 %: XRF	XRF	0.01	100.00
908	1	K2O %: XRF	XRF	0.01	100.00
905	1	MgO %: XRF	XRF	0.01	100.00
1989	1	MnO %: XRF	XRF	0.01	100.00
907	1	Na2O %: XRF	XRF	0.01	100.00
909	1	P2O5 %: XRF	XRF	0.01	100.00
901	1	SiO2 %: XRF	XRF	0.01	100.00
904	1	TiO2 %: XRF	XRF	0.01	100.00
910	1	LOI %: XRF	XRF	0.01	100.00
2540	1	Total %	CALCULATION	0.01	105.00
2891	1	Ba ppm: XRF	XRF	5	50000
2067	1	Rb ppm: XRF	XRF	2	50000
2898	1	Sr ppm: XRF	XRF	2	50000
2973	1	Nb ppm: XRF	XRF	2	50000
2978	1	Zr ppm: XRF	XRF	3	50000
2974	1	Y ppm: XRF	XRF	2	50000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1
Total Pages :1
Certificate Date: 17-SEP-96
Invoice No. :I9629441
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9629441

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
109303	299	--	14.93	2.99	< 0.01	15.56	1.41	9.34	0.17	1.05	0.38	45.22	1.69	5.84	98.58	545	32	< 2	14	102	24

CERTIFICATION: Jean Pascal

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9629442

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9629442

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
294	10	4-7 Kg crush and split
285	10	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
96	10	Au ppm: Fuse 10 g sample	FA-AAS	0.005	10.00
578	10	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	10	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	10	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	10	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	10	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	10	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	10	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	10	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	10	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	10	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	10	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	10	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	10	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	10	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	10	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	10	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	10	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	10	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	10	Pb ppm: 24 element, rock & core	AAS	2	10000
582	10	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	10	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	10	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	10	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	10	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number : 1-A
Total Pages : 1
Certificate Date: 02-SEP-96
Invoice No. : I9629442
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9629442

SAMPLE	PREP CODE		Au ppm FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
109252	205	294	< 0.005	< 0.2	4.75	2750	1.0	< 2	0.45	< 0.5	10	61	42	3.25	2.80	0.98
109255	205	294	< 0.005	< 0.2	5.63	590	0.5	< 2	1.20	< 0.5	17	67	69	4.67	1.53	1.91
109256	205	294	< 0.005	< 0.2	5.05	1050	1.0	< 2	0.41	< 0.5	11	123	50	2.75	2.11	1.26
109257	205	294	< 0.005	< 0.2	7.07	550	< 0.5	< 2	4.19	0.5	33	57	54	6.38	1.20	2.90
109258	205	294	< 0.005	< 0.2	7.49	130	< 0.5	< 2	2.43	0.5	40	35	133	8.60	0.14	4.00
109259	205	294	< 0.005	< 0.2	5.69	200	< 0.5	< 2	6.06	0.5	33	20	73	5.95	1.07	3.03
109260	205	294	0.010	< 0.2	6.82	200	< 0.5	< 2	2.63	0.5	39	41	111	9.96	1.13	3.02
109261	205	294	< 0.005	< 0.2	8.16	210	< 0.5	< 2	0.45	< 0.5	42	25	71	9.43	1.58	3.58
109262	205	294	< 0.005	< 0.2	7.58	290	< 0.5	< 2	4.44	< 0.5	34	349	534	5.91	0.80	3.88
109263	205	294	< 0.005	< 0.2	2.96	3520	0.5	< 2	0.20	< 0.5	6	79	75	1.78	1.18	0.93

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1-B
Total Pages :1
Certificate Date: 02-SEP-96
Invoice No. :I9629442
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9629442

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
109252	205	294	325	< 1	0.35	26	220	< 2	79	0.23	124	< 10	76			
109255	205	294	795	< 1	0.22	28	410	4	169	0.45	176	10	78			
109256	205	294	495	1	0.29	24	300	< 2	27	0.29	121	< 10	84			
109257	205	294	990	1	2.85	35	750	< 2	162	0.83	247	20	100			
109258	205	294	1100	< 1	1.62	31	770	< 2	34	1.01	254	30	118			
109259	205	294	820	1	0.11	26	710	< 2	41	0.79	251	20	82			
109260	205	294	820	< 1	0.28	33	770	< 2	12	0.95	306	30	100			
109261	205	294	620	4	0.21	31	1080	< 2	9	1.17	339	20	116			
109262	205	294	1020	< 1	2.81	78	460	< 2	48	0.69	218	30	124			
109263	205	294	490	< 1	0.33	26	270	6	16	0.17	75	< 10	68			

CERTIFICATION: Ivan Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9629443

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9629443

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
294	3	4-7 Kg crush and split
299	1	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
902	4	Al2O3 %: XRF	XRF	0.01	100.00
906	4	CaO %: XRF	XRF	0.01	100.00
2590	4	Cr2O3 %: XRF	XRF	0.01	100.00
903	4	Fe2O3 %: XRF	XRF	0.01	100.00
908	4	K2O %: XRF	XRF	0.01	100.00
905	4	MgO %: XRF	XRF	0.01	100.00
1989	4	MnO %: XRF	XRF	0.01	100.00
907	4	Na2O %: XRF	XRF	0.01	100.00
909	4	P2O5 %: XRF	XRF	0.01	100.00
901	4	SiO2 %: XRF	XRF	0.01	100.00
904	4	TiO2 %: XRF	XRF	0.01	100.00
910	4	LOI %: XRF	XRF	0.01	100.00
2540	4	Total %	CALCULATION	0.01	105.00
2891	4	Ba ppm: XRF	XRF	5	50000
2067	4	Rb ppm: XRF	XRF	2	50000
2898	4	Sr ppm: XRF	XRF	2	50000
2973	4	Nb ppm: XRF	XRF	2	50000
2978	4	Zr ppm: XRF	XRF	3	50000
2974	4	Y ppm: XRF	XRF	2	50000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1
Total Pages :1
Certificate Date: 17-SEP-96
Invoice No. :I9629443
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9629443

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
109251	205	294	4.87	0.40	< 0.01	2.08	1.20	0.94	0.10	0.15	0.03	88.63	0.22	1.29	99.91	4310	44	2	8	66	16
109253	205	294	15.35	10.22	0.01	9.02	1.75	6.95	0.16	2.84	0.12	47.65	1.07	3.67	98.81	455	32	558	8	63	22
109254	205	294	8.08	0.23	< 0.01	3.70	2.04	1.78	0.09	< 0.01	0.05	79.47	0.39	2.37	98.20	6550	76	< 2	10	114	18
109263	299	--	5.77	0.31	< 0.01	2.74	1.53	1.45	0.08	0.37	0.07	83.77	0.30	1.81	98.20	3510	50	6	10	102	20

CERTIFICATION: Stewart Bichler

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British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9632299

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9632299

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	2	Cu %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1
Total Pages :1
Certificate Date: 19-SEP-96
Invoice No. :I9632299
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9632299

SAMPLE	PREP CODE	Cu %
109299	244 --	4.81
109311	244 --	1.17

CERTIFICATION:

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9638123

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9638123

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 4-NOV-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	4	Pulp; prev. prepared at Chemex
285	4	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number :1-A
Total Pages :1
Certificate Date: 04-NOV-96
Invoice No. :I9638123
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9638123

SAMPLE	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
109251	244	285	< 0.2	2.51	1280	0.5	2	0.27	< 0.5	8	113	540	1.40	0.98	0.61	660
109253	244	285	< 0.2	7.93	350	0.5	< 2	6.46	< 0.5	39	279	123	5.37	1.44	3.80	1030
109254	244	285	0.2	4.16	220	1.5	< 2	0.14	< 0.5	9	72	73	2.49	1.64	1.09	575
109263	244	285	< 0.2	3.08	3720	0.5	2	0.20	< 0.5	7	103	74	1.85	1.28	0.97	500

CERTIFICATION: Hart Bichler

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

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V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Certificate Date: 04-NOV-96
Invoice No. : I9638123
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9638123

SAMPLE	PREP CODE		Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
109251	244	285	< 1	0.15	31	100	30	13	0.13	103	< 10	54
109253	244	285	< 1	2.36	86	420	< 2	571	0.60	205	20	66
109254	244	285	3	0.06	35	260	8	5	0.21	119	< 10	92
109263	244	285	< 1	0.32	24	330	6	17	0.17	77	< 10	74

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9638124

Comments: ATTN: MARK BAKNES CC: RICK KEMP

CERTIFICATE A9638124

(EIA) - EQUITY ENGINEERING LTD.

Project: ATN-96-02
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 4-NOV-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex
285	1	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	1	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	1	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	1	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	1	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	1	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	1	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	1	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	1	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	1	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	1	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	1	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	1	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	1	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	1	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	1	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	1	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	1	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	1	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	1	Pb ppm: 24 element, rock & core	AAS	2	10000
582	1	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	1	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	1	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	1	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	1	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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VANCOUVER, BC
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Page Number :1-A
Total Pages :1
Certificate Date: 04-NOV-96
Invoice No. :I9638124
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9638124

SAMPLE	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
109303	244	285	< 0.2	10.65	520	< 0.5	< 2	2.48	0.5	106	114	81	12.85	1.56	6.92	1460

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : ATN-96-02
Comments: ATTN: MARK BAKNES CC: RICK KEMP

Page Number : 1-B
Total Pages : 1
Certificate Date: 04-NOV-96
Invoice No. : 19638124
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9638124

SAMPLE	PREP CODE		Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
109303	244	285	< 1	1.33	105	2090	< 2	18	1.16	319	30	706				

CERTIFICATION: _____

APPENDIX F

LIST OF PERSONNEL

LIST OF PERSONNEL

Field Crew

Mark Baknes (Geologist Phase 1)
207-675 West Hastings St.
Vancouver, B.C.
V6B 1N2

Matt Henry (Sampler/Technician)
RR#1, Mt. Sicker Road
Chemainus, B.C.
V0R 1K0

Chris Hope (Sampler/Technician)
4472 Tremblay Drive
Victoria, B.C.
V8N 4W5

Nancy Reardon (Geologist Phase 2)
1550-409 Granville Street
Vancouver, B.C., Canada
V6C 1T2

APPENDIX G

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Mark E. Baknes, of 4355 St. Catherines Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

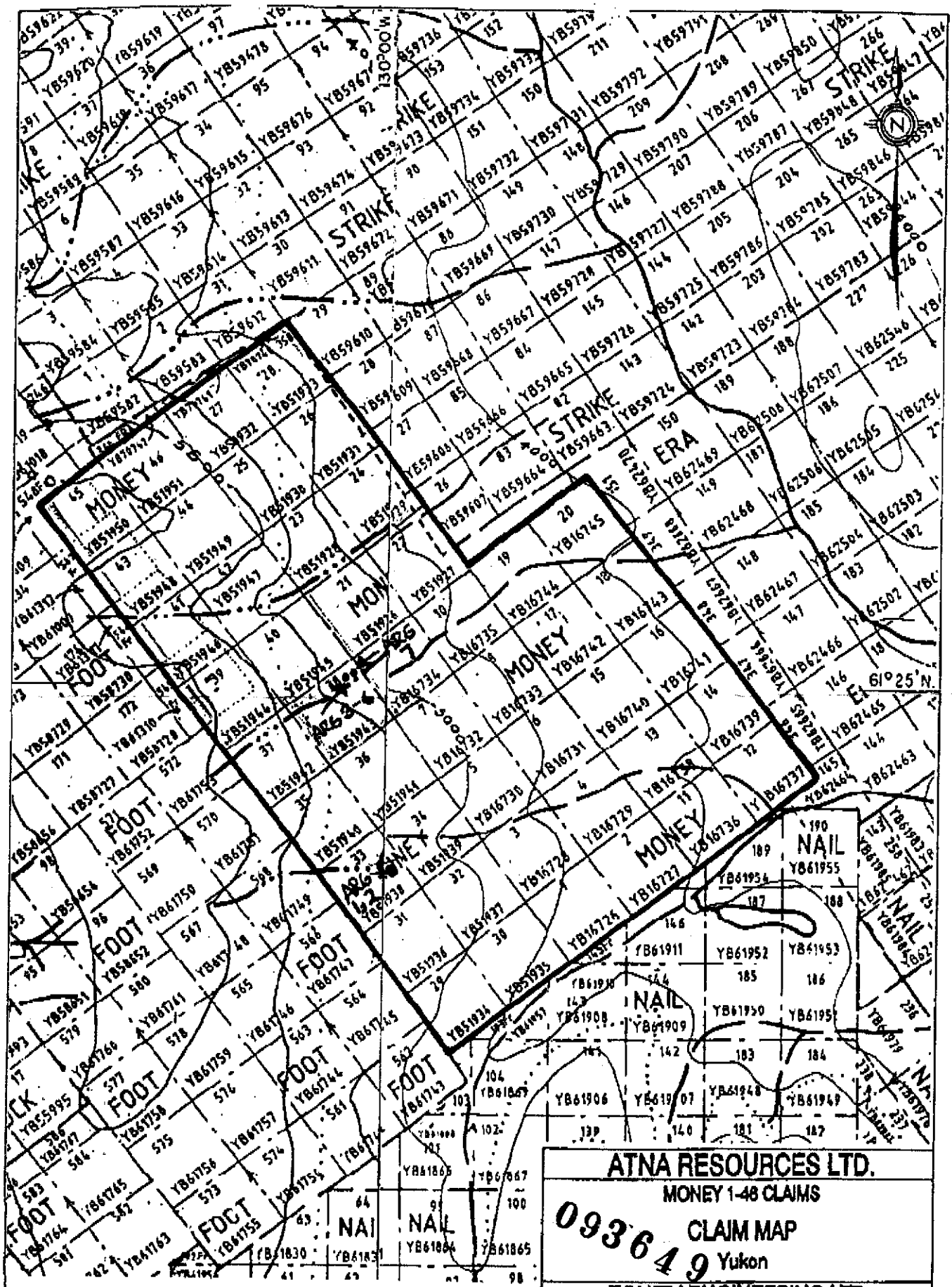
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology and a Master of Science degree in Geology from McMaster University.

3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4. THAT this report is based in part on property work I personally completed and/or directly supervised between June 25 to 30, July 23 to August 5 and September 16 to September 28,1996, government publications and assessment reports filed with the Yukon.

DATED at Vancouver, British Columbia, this 10th day of March, 1997.

Mark E. Baknes, P.Geo.



ATNA RESOURCES LTD.

MONEY 1-48 CLAIMS

CLAIM MAP

093649 Yukon

EQUITY ENGINEERING LTD.

Date: February 1997	Scale: As shown	Figure 2
N.T.S.: 105G/8 & 105H/5	Mining District: Watson Lake	

EQUITY ENGINEERING LTD.

Tel: (604) 688-9806
Fax: (604) 688-0235
207-675 West Hastings St.
Vancouver, B.C., V6B 1N2

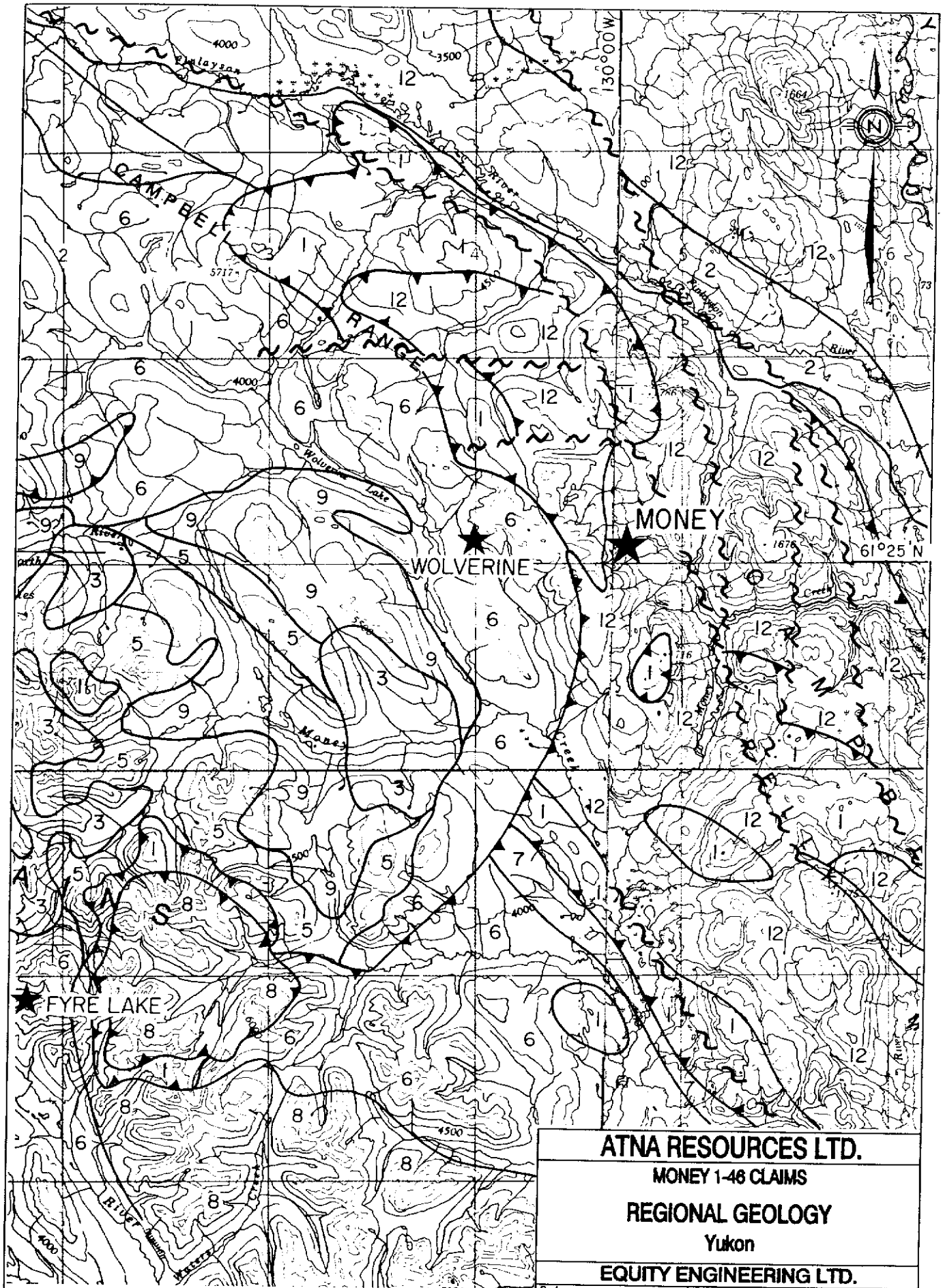
Facsimile Transmission

Fax #: (403) 536 - 7331 Date: April 23/97

To: Watson Mine Recorder Attn: Nancy

From: Mark Bakes Total Pages Sent: 2
(INCL. COVER PAGE)

Avg 96 - 1 & 2 on claim 33
Avg 96 - 3 -> 7 on claim 38



ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS

REGIONAL GEOLOGY

Yukon

EQUITY ENGINEERING LTD.

Date: February 1997	Scale: 1:250,000	Figure: 3
N.T.S.: 105G/8 & 105H/5	Mining District: Watson Lake	

LEGEND

(to accompany Figure 3)

NORTH AMERICAN CONTINENTAL MARGIN

11 — *Pre-Triassic* sedimentary and volcanic rocks

CAMPBELL RANGE BELT

10 — massive carbonate

9 — dominantly grey chert and metachert, structurally interleaved with minor mafic and felsic metavolcanics, greenstone and serpentinite (Slide Mt.?)

YUKON-TANANA TERRANE

8 — *Early Jurassic* - mafic stocks

7 — augen orthogneiss

6 — *Devonian-Mississippian* - interlayered mafic and minor felsic metavolcanic rocks, carbonaceous metasediments and quartzeye grits (*middle unit*, Nasina equivalent)

5 — *Pre-late Devonian* - micaceous quartzite, minor marble (*lower unit*, Nisling equivalent)

UNITS COMMON TO ALL THREE TERRANES

4 — *Cretaceous and Tertiary* - volcanic rocks

3 — *Mid-Cretaceous* - felsic intrusive rocks

2 — *Late Triassic* - immature clastic sediments

1 — serpentinized ultramafic rocks, greenstone, cherts, minor diabase and gabbro (Slide Mt.?)

SYMBOLS

stratigraphic or intrusive contact

thrust fault (teeth on hanging wall)

* Geology after Mortensen & Jilson, 1985

LEGEND

SYMBOLS

- A — 1995 EM Conductor
- Lithological contact (defined, approximate, inferred)
- Fault (defined, inferred)
- Outcrop
- Sub-outcrop/talus
- Float boulders / subcrop
- Bedding/pillows
- Foliation
- Jointing
- Lineation
- Rock Sample
- Diamond drill hole

LITHOLOGICAL LEGEND

Rock Type		Modifiers	
AND	andesite	bd	bedded
ARG	argillite	bx	brecciated
BSL	basalt	fg	fragmental
CHT	chert	fz	fault zone
FEC	ferricrete	gs	gossan
GWK	greywacke	lt	lapilli tuff
JSP	jasper	pw	pillow
MDS	mudstone	sl	siliceous
MSX	massive sulphides	sw	stockwork
PHY	phyllite	tf	tuff
RHY	rhyolite	fg	fine-grained
SHL	shale	mg	medium-grained
SLT	siltstone	cg	coarse-grained

Colour		Alteration & Mineralization	
bf	buff	CL	chlorite
gn	green	CP	chalcopyrite
gy	grey	EP	epidote
mr	maroon	HE	hematite
or	orange	MS	sericite
pk	pink	PY	pyrite
lt	light	QZ	quartz
md	medium		
dk	dark		

1995 Rock Sample Analyses

Sample Number	Copper (ppm)	Zinc (ppm)	Gold (ppb)	Silver (ppm)
PD95-1	614	379	4	0.5
PD95-2	10411	99	1	3.5
PD95-3	33025	277	29	11.8
PD95-4	1462	1530	21	1.1
PD95-5	2330	681	4	1.4
PD95-6	282	96	6	<0.3
PD95-7	516	1037	9	0.5
PD95-8	7690	332	430	28.3
PD95-9	3101	184	460	41.9
PK95-1	102	74	14	0.4
PK95-2	115	72	6	<0.3
PK95-3	3768	88	3	<0.3
PK95-4	20388	84	31	11.1
PK95-5	6573	57	29	4.1
PK95-6	610	145	14	0.6
PK95-7	11651	199	220	31.9
PK95-8	357	143	17	0.5
PK95-9	417	11	11	0.6
PK95-10	2475	45	15	0.7
PK95-11	90	37	1	<0.3
PK95-12	127	29	16	4.6
PK95-13	902	371	500	26
PK95-14	5987	480	16	4.8
PK95-17	48	24	2	0.3
PK95-20	424	45	4	<0.3
PK95-21	503	86	2	<0.3
PK95-22	748	93	99	1.4
PK95-23	58	66	48	4.1
PK95-24	122	65	15	<0.3
PK95-25	1714	340	48	35.8

1996 Rock Sample Analyses

Sample Number	Copper (ppm)	Zinc (ppm)	Gold (ppb)	Silver (ppm)
4667	448	2140	15	0.8
4668	16	78	10	<.2
4669	70	98	<5	<.2
4670	89	34	<5	<.2
4671	63	334	65	2.8

1996 Silt Sample Analyses

Sample Number	Copper (ppm)	Zinc (ppm)	Gold (ppb)	Silver (ppm)
MB 96-1	299	228	<5	<.2
MB 96-2	261	188	<5	<.2
MB 96-3	227	156	<5	<.2
MB 96-4	80	72	<5	<.2
MB 96-5	111	100	<5	<.2
MB 96-6	294	122	<5	<.2

1996 Soil Sample Results

Sample Number	Copper (ppm)	Zinc (ppm)	Gold (ppb)	Silver (ppm)
CL 1475 000W	110	114	<5	<.2
CL 1475 050W	93	168	<5	<.2
CL 1475 100W	179	270	<5	<.2
CL 1475 150W	163	122	<5	<.2
CL 1475 200W	159	34	<5	<.2
CL 1475 250W	178	270	<5	<.2
CL 1475 300W	165	122	<5	<.2
CL 1475 400W	181	76	<5	<.2
CL 1475 450W	147	86	<5	<.2
L10000S 000E	54	76	<5	<.2
L10000S 025E	61	96	<5	<.2
L10000S 050E	62	78	<5	<.2
L10000S 075E	53	66	25	<.2
L10000S 100E	48	64	<5	<.2
L10000S 125E	44	188	<5	<.2
L10000S 150E	47	82	<5	<.2
L10000S 175E	55	76	<5	<.2
L10000S 200E	46	124	30	<.2
L10000S 225E	59	70	<5	<.2
L10000S 250E	70	72	<5	<.2
L10000S 275E	98	94	<5	<.2
L10000S 300E	48	104	<5	<.2
L10000S 025W	76	88	<5	<.2
L10000S 050W	47	92	<5	<.2
L10000S 075W	55	98	<5	<.2
L10000S 100W	72	114	<5	<.2
L10000S 125W	32	74	<5	<.2
L10000S 150W	69	106	<5	<.2
L10000S 175W	49	82	<5	<.2
L10000S 200W	62	84	<5	<.2
L10000S 225W	29	88	<5	<.2
L10000S 250W	45	76	<5	<.2
L10000S 275W	62	68	<5	<.2
L10000S 300W	129	92	<5	<.2
LON 000E	52	66	<5	<.2
LON 025E	51	78	<5	<.2
LON 050E	45	74	<5	<.2
LON 075E	63	108	<5	<.2
LON 100E	60	104	<5	<.2
LON 125E	58	94	<5	<.2
LON 150E	37	98	<5	<.2
LON 175E	59	126	<5	<.2
LON 200E	74	92	<5	<.2
LON 025W	67	90	<5	<.2
LON 050W	71	104	<5	<.2
LON 075W	67	78	<5	<.2
LON 100W	67	98	<5	<.2
LON 125W	51	78	<5	<.2
LON 150W	96	92	<5	<.2
LON 175W	108	122	<5	<.2
LON 200W	92	90	<5	<.2

CLAIM BOUNDARY

PROPERTY BOUNDARY

Baseline 1995 Soil Geochem. Survey

Baseline 10+00E 1995 Soil Geochem. Survey Grid

Baseline 1981 Survey

Baseline 1995 Geophysical Survey

093649

METRES 0 100 200 300 400 500

ATNA RESOURCES LTD.

MONEY 1-46 CLAIMS GEOLOGY & GEOCHEMISTRY MAP

YUKON TERRITORY (1)

EQUITY ENGINEERING LTD.

DRAWN:	M.B./J.W.	MINING DISTRICT: WATSON LAKE	FIGURE 4
N.T.S.:	105G/8, 105H/5	SCALE: 1:5000	
DATE:	FEB. 1997	REVISED:	

LEGEND

Lithological contact (defined, approximate, inferred)

Fault (defined, inferred)

Copper histograms (scale:0.5%/cm)

Geochemical results: Cu(%), Zn(ppm), Au(ppb), Ag(ppm)

Magnetic susceptibility (scale 0.02 units/cm)

093649

LITHOLOGICAL LEGEND

Rock Type		Modifiers	
AND	andesite	bd	bedded
ARG	argillite	bx	brecciated
BSL	basalt	fg	fragmental
CHT	chert	fz	fault zone
FEC	ferricrete	ga	gossan
GWK	greywacke	lt	lapilli tuff
JSP	jasper	pw	pillow
MDS	mudstone	si	siliceous
MSX	massive sulphides	sw	stockwork
PHY	phyllite	tf	tuff
RHY	rhyolite	fg	fine-grained
SHL	shale	mg	medium-grained
SLT	siltstone	cg	coarse-grained
Colour		**Alteration & Mineralization**	
bf	buff	CL	chlorite
gn	green	CP	chalcopyrite
gy	grey	EP	epidote
mr	maroon	HE	hematite
or	orange	MS	sericite
pk	pink	PY	pyrite
lt	light	QZ	quartz
md	medium	**Symbols**	
dk	dark	/	interbanded
		–	to
		+	and

0 10 metres

ATNA RESOURCES

DRILL SECTION MON83-1, MON83-2, MON96-3, MON96-4 AND MON96-7

(2)

VIEW LOOKING 220°

Date	FEB 14 1997	Scale	1:250
U.T.M. Zone		Mining District	Watson Lake
N.T.S.	105H/5	State/Province	Yukon

Figure 8