MAP NO.: 105F 8,9

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093176
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: DIAMOND DRILLING

REPORT FILED UNDER: MOUNTAIN PROVINCE MINING

DATE PERFORMED: AUG 28 - SEPT 24, 1993 **DATE FILED:** MARCH 8, 1994

LOCATION: **LAT.:** 61°31'N **AREA:** KETZA RIVER

LONG.: 132°23'W **VALUE $:** N/A

CLAIM NAME & NO.: PS 1-12(YB00978-989), WHITE 1-123 (YA99896-YB00019), WHYTE 1-18 (YB11518-535), WHYTE 19-24 (YB10202-207)

WORK DONE BY: CARL G. VERLEY

WORK DONE FOR: MOUNTAIN PROVINCE MINING

DATE TO GOOD STANDING:

REMARKS: 11 D.D. HOLES FOR 1,514.86 METERS TOTAL

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

093176

TRANSMITTAL FORM

M.R. file no.

R.M.M.R. file no.

Date forwarded 02 March 94

orm ▶ Mining Recorder at: Watson Lake

o ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

or action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: White 1-123 Ps 1-12, Whyte 1-24 — Claim sheet no.: 105-F-08/09
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

Signature

REPLY ACTION

Date returned

Signature

802-6027-26 (6-86)

Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

1 March, 1994

093176

Your file Votre référence

Our file Notre référence

DIRECTOR GENERAL, YUKON REGION

ATTENTION: REGIONAL MANGER MINERAL RIGHTS

Enclosed are Drill Logs etc. submitted by Amerlin Exploration Services Ltd. for assessment on the WHITE' WHYTE and PS mineral claims located on 105-F-08/09.

Drilling was as follows:

Hole 93-1	WHITE 45	66.75 m	Hole 93-12	WHITE 45	43.59 m
Hole 93-2	WHITE 45	64.62 m	Hole 93-13	WHITE 45	64.01 m
Hole 93-3	WHITE 45	44.50 m	Hole 93-14	WHITE 45	69.80 m
Hole 93-4	WHITE 45	90.22 m	Hole 93-15	WHITE 45	133.20 m
Hole 93-5	WHITE 47	47.24 m	Hole 93-16	WHITE 45	63.09 m
Hole 93-6	WHITE 47	66.59 m	Hole 93-17	WHITE 47	69.19 m
Hole 93-7	WHITE 47	46.33 m	Hole 93-18	WHITE 45	74.98 m
Hole 93-8	WHITE 45	56.23 m	Hole 93-19	WHITE 94	64.92 m
Hole 93-9	WHITE 45	71.02 m	Hole 93-20	WHITE 94	59.44 m
Hole 93-10	WHITE 45	57.00 m	Hole 93-21	WHITE 11	57.00 m
Hole 93-11	WHITE 45	69.19 m	Hole 93-22	WHITE 11	57.00 m
			Hole 93-23	WHITE 11	78.95 m
	TOTAL	1,514.86 m			

Assessment credit requested is $ 65,600.00. The core chips are stored at the property.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Miing District
P. O. Box 269
Watson Lake, Yukon
Y0A 1C0

NJM
encl.(s)

cc: Regional Manager, Geological Services

Canada

AMERLIN EXPLORATION SERVICES LTD.
1155 W. 64th Avenue, Vancouver, B.C. V6P 2M5 (604) 263-8812

WRITER'S CERTIFICATE

I, Carl G. Verley of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 8191 Osler Street, Vancouver B.C.

2. I am a graduate of the University of British Columbia, B.Sc. in 1974, and have practised my profession since that time.

3. I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of B.C.

4. I am the author of this report which is based on work that I conducted on the WHITE claims during the period August 28 to September 24, 1993.

Amerlin Exploration Services Ltd.

Carl G. Verley, P.Geo.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C. G. VERLEY
GEOSCIENTIST

February 18, 1994.
Vancouver, B.C.

STATUTORY DECLARATION

CANADA)
)
)
TO WIT:)

In the matter of a diamond drilling report on behalf of Mountain Province Mining Inc

I, Carl G. Verley, agent for Mountain Province Mining Inc. of 908 - 470 Granville Street, Vancouver, B.C. V6C 1V5

do solemnly declare, - that diamond drilling was conducted on the WHITE 11, 45, 47 and 94 mineral claims, Watson Lake Mining District, Yukon, from August 28 to September 24, 1993. Expenditures for this work include:

Salaries, management fees, consulting	$51,275.00
Direct diamond drilling costs	138,386.99
Bulldozer rental	15,654.74
Assay and analytical	2,348.97
Equipment rental	535.00
Expediting	706.20
Field supplies	6,047.63
Food	6,750.71
Freight	2,219.40
Fuel	6,061.51
Hotel	989.60
Licences	103.00
Photographs	83.87
Telephone	1,021.79
Travel	1,205.89
Truck rental	9,358.60
Total	**$242,565.03**

And I make this 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.

Declared before me at VANCOUVER)
)
in the Province of B.C. this)
)
17th day of December 1993.)

Carl G. Verley.

Notary Public

REPORT ON THE 1993 DIAMOND DRILLING PROGRAM ON THE KETZA RIVER PROPERTY

Watson Lake Mining District, Y.T.
NTS 105F/8, 9
($61^0 31'10"N$, $132^0 23'30"W$)

for

MOUNTAIN PROVINCE MINING INC.
908 - 470 Granville Street
Vancouver, B.C. V6C 1V5
(604)684-0122

by

CARL G. VERLEY, P.Geo.
Amerlin Exploration Services Ltd.
1155 West 64th Avenue
Vancouver, B.C. V6P 2M5
(604)263-8812

February 1994

CLAIMS: PS 1 - 12, WHITE 1 - 123, WHYTE 1 - 24.
LOCATION: 29 miles(46 km) south of Ross River, Y.T.
DATE: August 28 to September 24, 1993.

TABLE OF CONTENTS

Figure 1.

PROPERTY LOCATION MAP

Mountain Province Mining Inc.

Ketza River Property

SUMMARY

Mountain Province Mining Inc's Ketza River property comprises the PS 1 - 12, WHITE 1 - 123 and WHYTE 1 - 24 mineral claims. The claims, totalling 159, are situated in one contiguous block centered 46 kilometres south of Ross River, in the Ketza River area, Watson Lake Mining District (105F/8,9), Yukon Territory. The property is accessible by four-wheel drive vehicle.

The ground is situated in an area underlain by a succession of Precambrian to Mississippian age rocks ranging from fine clastics and carbonates to volcanics. Mafic dykes of unknown age as well as Mississippian syenite intrude the sedimentary and volcanic sequences. Northwesterly and northeasterly trending normal faults displace lithologies a few tens of metres.

During 1993 diamond drilling was conducted at the West zone: 20 holes, 1321.91 metres (4337 ft); and at the East zone: 3 holes, 192.95 metres (633 ft).

Results of this work located low grade gold mineralization (up to 1240 ppb across 0.50 m) at the West zone. The gold is associated with two types of mineralization: massive pyrite-arsenopyrite lenses that are situated in a westerly dipping shear zone; and a linear, northwesterly trending zone of secondary iron carbonate-quartz-chlorite alteration or replacement in the upper part of the Lower Cambrian strata. The carbonate-quartz-chlorite zone contains disseminated pyrite, pyrrhotite, arsenopyrite and chalcopyrite with minor galena and sphalerite.

At the East zone a 6 metre intercept of carbonate-quartz-chlorite replacement at the base of the Lower Cambrian section contained disseminated sulphides, but returned negligible gold values. Drilling at the East zone indicates that the mineralized interval located there is contained in a small erosional remnant.

Further work on the property should focus on the West zone to determine the extent of the gold-bearing massive sulphide mineralization associated with the shear zone as well as to trace out the extent of carbonate-quartz-chlorite replacement zones. Detailed mapping, prospecting and geophysical techniques are recommended as the first stage. Followed by drill testing of selected targets.

INTRODUCTION

This report compiles results of exploration work conducted during the period August 28 to September 24, 1993 on the WHITE 11, 45, 47 and 94 mineral claims. The property is owned by Mountain Province Mining Inc. The object of the work was to drill test soil geochemical and geophysical anomalies located during previous work programs on the property.

Location:

The claim group is located in the Ketza River area of the Pelly Mountains. The property is centered at latitude $61^{0}31'10"N$ and longitude $132^{0}23'30"W$, 46 kilometres south of Ross River in the Watson Lake Mining District, Yukon. It covers part of map-sheets 105F/8 and 9. Physiographically the ground ranges from rugged alpine terrain on north facing slopes to relatively flat alpine plateaus and brush covered to forested valley bottoms. Elevations range from just under 1200 metres (3900 ft) to just over 2100 metres (6800 ft) above sea level.

Access:

The property is accessible by a road which was constructed during the 1989 program. The road branches off of the Ketza River Gold mine road just west of the exploration camp. It provides access to the southern part of the property (WHITE claims) passing by the East, Lake and West zones.

History:

Previous exploration work in the Ketza River area was initiated in the late 1940's by prospectors working for Hudson Bay Mining and Smelting. In the mid-1950's, considerable exploration work was conducted by Conwest Exploration Co. Limited culminating in the discovery of gold mineralization in lenses of massive pyrrhotite-arsenopyrite known as the Woodcock showing. At the same time, Conwest, other exploration companies, syndicates and prospectors, working independently, located silver-lead veins in the area. This work resulted in the definition of reserves at the Stump Mine of 40,000 tons grading 10.3 oz/ton Ag, 8.4% Pb and probable and possible reserves totalling 11,800 tons grading 15.9 oz/ton Ag, 12.1% Pb at the Ketzakey prospect. Since the mid-1970's, exploration was sporadic in the area. A consolidation of most silver prospects was achieved by Iona Industries Ltd. who subsequently optioned their ground to Canamax Resources Inc. in 1985. The Woodcock gold prospect and surrounding ground, through a wholly owned subsidiary of Conwest: Ketza River Mines Ltd., was optioned to Pacific Trans-Ocean Resources Ltd. After drilling several test holes in the Woodcock showing Pacific Trans-Ocean joint ventured development of the property with Canamax Resources Inc. in 1984. Canamax, as operators of the project, commissioned a mill on the property and poured the first gold bar in mid-1988. In 1989, Canamax acquired Pacific Trans-Ocean's interest in the Ketza Gold deposit. Oxide gold reserves were exhausted in

November, 1990 and the mine was shut down, having produced just over 100,000 ounces of gold. Canamax completed a sale of the property to Wheaton River Minerals Ltd in 1993. Wheaton River subsequently optioned part of the property to Hemlo Gold Mines Inc. and the rest of the claims have recently been sold to YGC Resources Ltd.

Mountain Province's ground was acquired in late 1986 and early 1987 to cover some areas previously known to be strongly anomalous in base metals and to cover Lower Cambrian strata that are favourable hosts for gold mineralization. During the 1987 field season initial reconnaissance mapping of the property was undertaken along with prospecting and geochemical sampling. This work was successful in locating several gold occurrences in the Lower Cambrian that are new discoveries in the Ketza River District. In 1988 a grid was established and soil sampled on the White claims. This work too, was successful, resulting in the definition of a large gold anomaly at the West zone as well as anomalies associated with gold and silver-lead-gold mineralization at the East and Lake zones respectively. Work during the 1989 field season consisted of construction of an access road to the claims, induced polarization test work, magnetometer surveys, fill-in soil sampling and trenching.

Current Program:

In 1993 a diamond drilling program was undertaken to test anomalies at the West and East zones. A total of 1514.86

metres (4970 ft) of NQ core was drilled in 23 holes: 1321.91 metres (4337 ft) in 20 holes at the West zone; and 192.95 metres (633 ft) in 3 holes at the East zone.

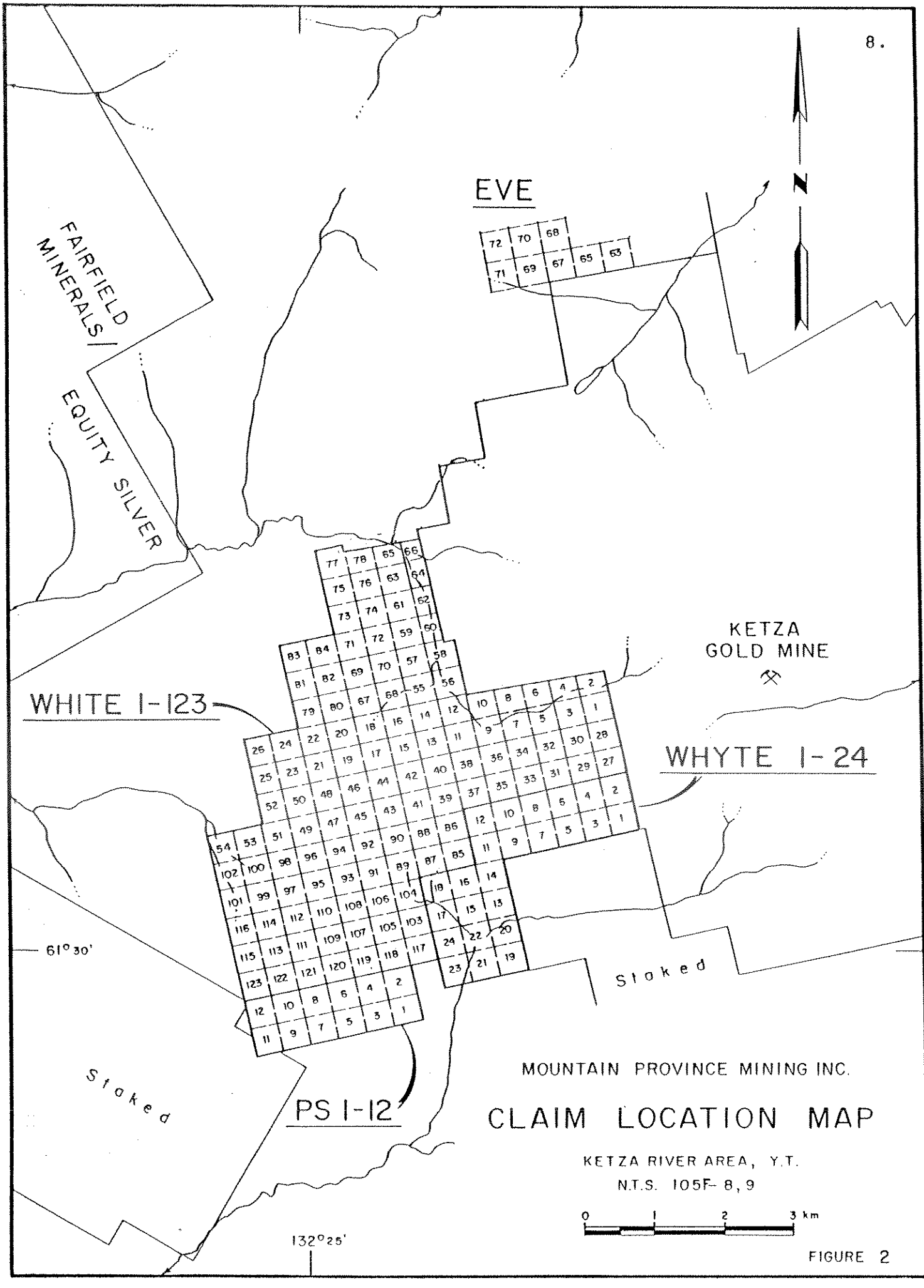
PROPERTY

Mineral claim holdings of Mountain Province Mining Inc. described in this report consist of 159 contiguous, full sized claims as tabulated below and illustrated on Figure 2. The claims are located in the Watson Lake Mining District, Y.T. (NTS 105F/8,9).

Table 1 - MINERAL CLAIMS

Claims		Grant Numbers	Expiry Date
PS	1 - 12	YB00978-YB00989	August 19/1999*
WHITE	1 - 60	YA99896-YA99955	March 26/2003*
WHITE	61 - 66	YA99956-YA99961	March 26/2002*
WHITE	67 - 74	YA99962-YA99969	March 26/2003*
WHITE	75 - 78	YA99970-YA99973	March 26/2002*
WHITE	79 - 104	YA99973-YA99999	March 26/2003*
WHITE	105 - 123	YB00001-YB00019	March 26/2003*
WHYTE	1 - 14	YB11518-YB11531	January 4/1998*
WHYTE	15 - 18	YB11532-YB11535	January 4/1999*
WHYTE	19 - 24	YB10202-YB10207	December 3/1998*

*Pending acceptance of assessment work.



MOUNTAIN PROVINCE MINING INC.

CLAIM LOCATION MAP

KETZA RIVER AREA, Y.T.

N.T.S. 105F-8, 9

FIGURE 2

DRILLING PROGRAM

Diamond Drilling:

A 23 hole diamond drilling program was conducted on the property (Table 2). Arctic Diamond Drilling Ltd. of Whitehorse, Yukon was the drill contractor. A Boyles Bros. 56 drill, rigged for NQ wire-line core drilling and mounted on a Nodwell, was utilized. A Caterpillar D-8H bulldozer, rented from Grant Stewart Construction Ltd. of Watson Lake, was used for trail building and drill site preparation.

Drilling commenced August 28 and was finished September 24, 1993. A four man drill crew consisting of 2 drillers and 2 helpers split into teams operated in two 12 hour shifts. Average footage rate was 100' drilled per shift.

Ground conditions encountered during drilling were variable, with heavy mud being required in brecciated sections. Water supply for drilling at the West zone was from a small seep located along the access trail and approximately 400 metres southwest and 120 in elevation below most of the drill sites. Main and intermediate supply pumps were utilized to get water to the drill. For the East zone water had to be pumped a distance of approximately 1500 metres through a vertical lift of 65 metres. Freezing weather encountered at times during the job caused diminishing water volumes from the seeps; especially during night shift. No other water supply occurred within a reasonable

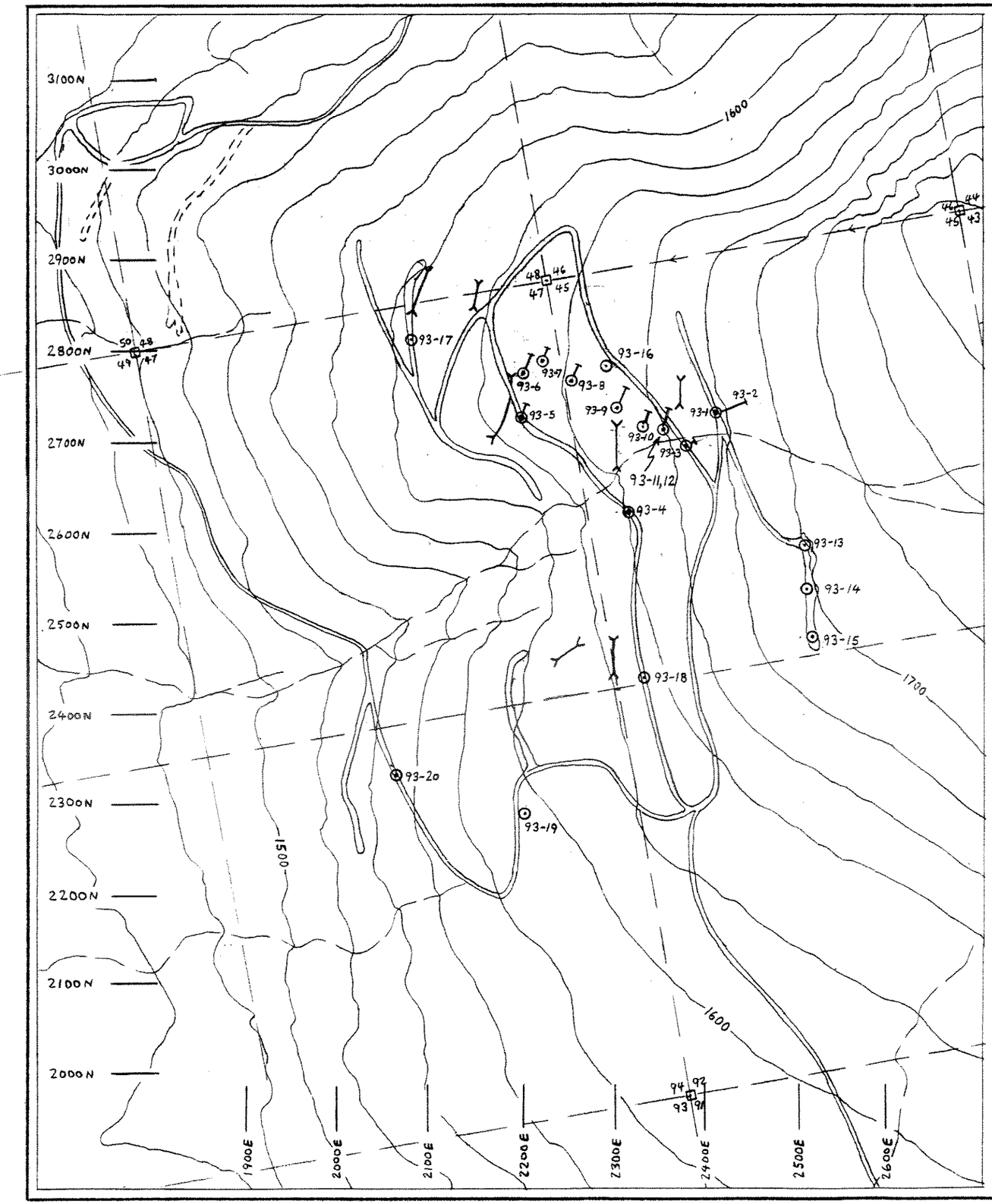
distance of the drill sites.

Core Logging and Sampling:

Drill core was logged on site and mineralized intervals split there as well. The split core samples were each placed in separate polyethylene bags and sent to Pioneer Laboratories Ltd. in Vancouver, B.C. for gold geochemical and 30 element ICP analysis. Logs of the drill holes are found in Appendix A.

TABLE II - DIAMOND DRILLING SUMMARY
KETZA PROJECT

HOLE NUMBER	TOTAL DEPTH	CUMULATIVE METREAGE	INCL'N	AZIMUTH	NORTHING	EASTING	ELEVATION	DATE BEGUN	DATE COMPLETED	CLAIM
93-1	66.75	66.75 m	-90°	-	2740	2393	1675 m	28/8/93	29/8/93	WHITE 45
93-2	64.62	131.37 m	-60°	067°	2740	2393	1675 m	29/8/93	30/8/93	WHITE 45
93-3	44.50	175.87 m	-70°	041°	2697	2369	1663 m	30/8/93	30/8/93	WHITE 45
93-4	90.22	266.09 m	-90°	-	2630	2318	1642 m	31/8/93	01/9/93	WHITE 45
93-5	47.24	313.33 m	-70°	020°	2720	2200	1630 m	01/9/93	02/9/93	WHITE 47
93-6	66.59	379.92 m	-70°	020°	2763	2210	1630 m	02/9/93	03/9/93	WHITE 47
93-7	46.33	426.25 m	-70°	020°	2775	2230	1632 m	03/9/93	04/9/93	WHITE 47
93-8	56.23	482.48 m	-70°	023°	2774	2251	1642 m	04/9/93	05/9/93	WHITE 45
93-9	71.02	553.50 m	-70°	023°	2748	2302	1652 m	05/9/93	06/9/93	WHITE 45
93-10	57.00	610.50 m	-70°	017°	2725	2330	1655 m	06/9/93	07/9/93	WHITE 45
93-11	69.19	679.69 m	-70°	020°	2716	2353	1660 m	07/9/93	08/9/93	WHITE 45
93-12	43.59	723.28 m	-90°	-	2716	2353	1660 m	08/9/93	09/9/93	WHITE 45
93-13	64.01	787.29 m	-70°	000°	2588	2506	1700 m	09/9/93	10/9/93	WHITE 45
93-14	69.80	857.09 m	-70°	000°	2541	2506	1698 m	10/9/93	11/9/93	WHITE 45
93-15	133.20	990.29 m	-70°	020°	2488	2512	1697 m	11/9/93	14/9/93	WHITE 45
93-16	63.09	1053.38 m	-90°	-	2787	2290	1650 m	14/9/93	15/9/93	WHITE 45
93-17	69.19	1122.57 m	-90°	-	2830	2087	1604 m	15/9/93	16/9/93	WHITE 47
93-18	74.98	1197.55 m	-90°	-	2444	2200	1632 m	16/9/93	17/9/93	WHITE 45
93-19	64.92	1262.47 m	-90°	-	2290	2332	1594 m	17/9/93	18/9/93	WHITE 94
93-20	59.44	1321.91 m	-90°	-	2331	2042	1550 m	19/9/93	20/9/93	WHITE 94
93-21	57.00	1378.91 m	-90°	-	3693	4561	1510 m	21/9/93	22/9/93	WHITE 11
93-22	57.00	1435.91 m	-90°	-	3649	4523	1523 m	22/9/93	23/9/93	WHITE 11
93-23	78.95	1514.86 m	-90°	-	3712	4534	1510 m	23/9/93	24/9/93	WHITE 11



N

⊙ 93-16 Drill Hole Location

45 Approximate location of WHITE claim post

Access trail

Trench

Note: Contour interval: 20 metres
Refer to Plate 1 for geological setting

MOUNTAIN PROVINCE MINING INC.

DRILL HOLE LOCATION PLAN WEST ZONE

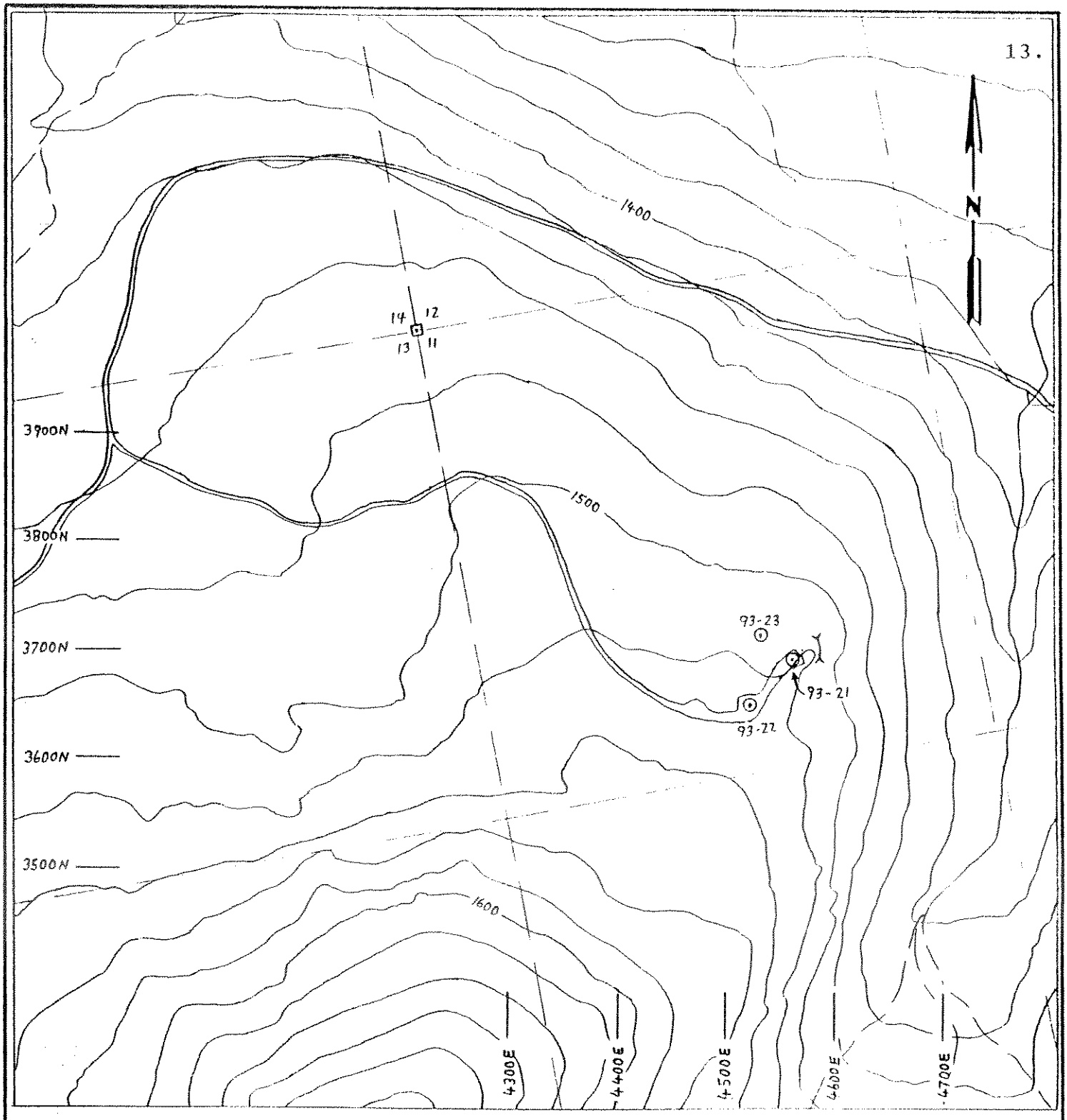
WHITE CLAIMS - KETZA RIVER AREA

Watson Lake Mining District,
Yukon, NTS 105F/8, 9

Scale 1:5,000

0 100 200 300 400 metres

Figure 3.



⊙ 93-16 Drill Hole Location

45 Approximate location of WHITE claim post

Access trail

Trench

Note: Contour interval: 20 metres
Refer to Plate 1 for geological setting

MOUNTAIN PROVINCE MINING INC.

DRILL HOLE LOCATION PLAN EAST ZONE

WHITE CLAIMS - KETZA RIVER AREA

Watson Lake Mining District,
Yukon, NTS 105F/8, 9

Scale 1:5,000

0 100 200 300 metres

Figure 4

GEOLOGY

Regional:

Mountain Province Mining Inc.'s claims are situated in the Cassiar terrane, a displaced segment of continental margin (Wheeler, et al., 1988) that consists of a sequence of sediments ranging in age from Precambrian(?) to Upper Triassic. The depositional setting of the succession is that of a typical continental margin prism; where environments range from relatively shallow water, carbonate platforms to deeper water clastic facies. In the Ketza River district, deposition of carbonates was interrupted at the end of the Lower Cambrian. Karstic erosion leading to the development of cavern systems in the carbonates ensued. Fine clastics and carbonates resumed deposition from Upper Cambrian through to Devonian times and preserved, as a paleokarst, the structures developed in the Lower Cambrian carbonates. Rare syenitic intrusives of Mississippian age intrude the sequence in the vicinity of the Ketza River area. All these formations were deformed by an arc-continent collision event in Mesozoic times (Templeman-Kluit, 1979). Several large sheets of metamorphosed sediments, volcanics and associated pyroclastics of Paleozoic age were thrust over the underlying succession in the late Early Cretaceous. Right lateral strike-slip movement, in Late Cretaceous to Early Tertiary time, of at least 450 km along the Tintina Fault (Gabrielse, 1985) displaced the Cassiar terrane northward to its present position. Small

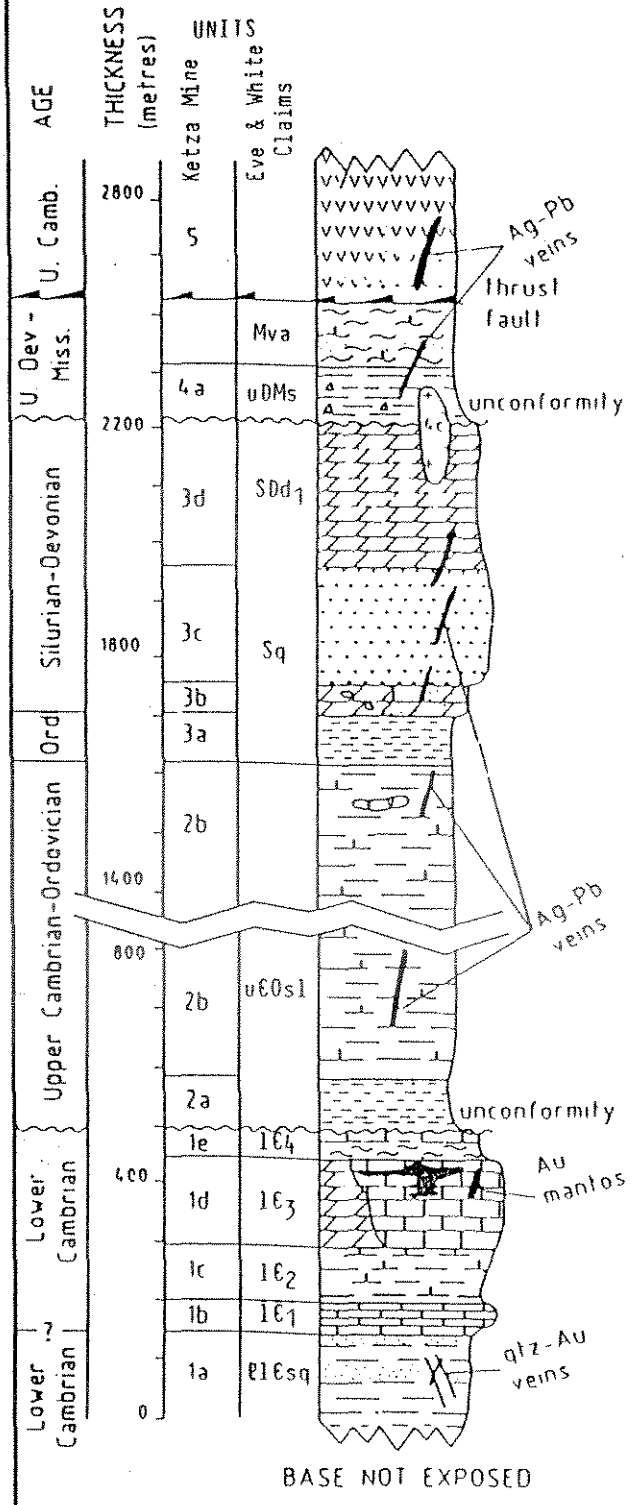
domal uplifts with associated block and thrust faults document a structural style developed during past deformations in the Ketza River area.

Property:

Property geology is illustrated on Plate 1. Preliminary geological mapping of the property was conducted during the 1987 field season (Verley, 1988). The stratigraphy (Figure 5) consists of a sequence of grits, carbonates and interbedded fine clastics and volcanics ranging in age from Precambrian (?) to Mississippian. The basal unit consists of argillite or phyllite and sandstone. It is possibly as old as Precambrian in age, however, it is conformable with Lower Cambrian carbonates. The Lower Cambrian carbonate sequence hosts gold mineralization on Mountain Province's property, as well as being the main host for gold deposits on Canamax's adjacent ground. The carbonates have been subdivided into several units (Read, 1980), totalling approximately 350 metres in thickness. The lowermost unit ($1\epsilon_1$), approximately 50 metres thick, consists of a dark grey to black, well laminated silty limestone. This unit hosts gold mineralization at the East zone. It is correlative to unit 1b on Canamax's ground. Overlying the basal unit is approximately 100 metres of phyllitic mudstone and argillaceous limestone ($1\epsilon_2$ = Canamax's 1c). Up to 150 metres of thin-bedded, limestone ($1\epsilon_3$) with distinct silt-bands overlies $1\epsilon_2$. This unit contains lenticular, relatively massive, archeocyathid-bearing limestone

GENERALIZED STRATIGRAPHIC COLUMN

EVE & WHITE CLAIMS - NTS 105F/8, 9



Intermediate and felsic volcanics and associated pyroclastics

Black, laminated shale

Orange weathering dolostone

Grey, massive quartzite and shale

Buff to orange weathering, calcareous phyllite and shale with local greenstone lenses. Contains distinctive irregular quartz-ankerite pods and veins

Green, phyllitic mudstone

Bluish-grey, thickly-bedded to massive, archeocyathid-bearing limestone. locally dolomitized

Greyish-green to brown, phyllitic mudstone and argillaceous limestone

Dark grey to black, well laminated silty limestone

Greenish-grey argillite, siltstone and quartzite

(Modified after Cathro, 1988)

Figure 5.

($1\epsilon_{3B}$); argillaceous to phyllitic limestone ($1\epsilon_{3p}$); and a peculiar pale greenish unit ($1\epsilon_{T3}$) in the south eastern part of the area drilled on the West zone. $1C_{3T}$ may represent a tuff or sill . $1\epsilon_3$ unit hosts gold and silver-lead mineralization at the West and Lake zones, respectively and correlates with Canamax's unit 1d. The uppermost unit ($1\epsilon_4$) consists of up to 50 metres of a predominantly pale greenish-grey, phyllitic mudstone that correlates with Canamax's unit 1e. An estimated 1200 metres of Upper Cambrian to Ordovicican calcareous phyllite and shale unconformably overlie the Lower Cambrian. A succession, in the order of 500 metres in thickness, of Siluro-Devonian dolostone, quartzite and minor shale conformably overlies the Upper Cambrian-Ordovician strata. Upper Devonian to Mississippian shales and volcanics, in excess of 200 metres in thickness, unconformably overlie the Siluro-Devonian sediments.

Igneous rocks intrude the sediments in several areas on the claims. In the southwestern part of the White claims Mississippian syenite intrudes Siluro-Devonian carbonates and Mississippian volcanics. A variety of mafic dyke rocks and lamprophryes occur in different areas of the property and intrude sediments as young as Devono-Mississippian.

Arching of the Proterozoic to mid-Paleozoic succession to produce a crude dome with Precambrian - Lower Cambrian strata in the core is a dominant feature on the White claims. North-westerly and northeasterly trending faults have ruptured the

domal structure. These faults are near vertical, primarily having dip-slip displacement of a few tens of metres, but rarely exceeding one hundred metres. However, some faults have a definite strike-slip component. During part of their history the faults have been in an extensional stress regime. This is documented by large quartz veins, silicified zones and dykes that locally occupy or parallel these structures. The Ketza River gold mine occurs at the intersection of such faults indicating that these structures acted as important foci for the concentration of gold-bearing hydrothermal solutions. In addition shears or what appear to be listric faults have also acted to localized mineralization at the West zone.

MINERALIZATION

The objective of the diamond drilling program on the property was to test areas were surface mineralization and associated geochemical and geophysical anomalies indicated that potentially economic mineralization existed. The type of mineral deposit sought by this work was chimney and manto type gold deposits similar to those developed at the Ketza gold mine.

West Zone

The West Zone is situated in the upper member of the Lower Cambrian ($l\epsilon_3$). Trenching indicates that mineralization is situated at and immediately below the contact with the green mudstone unit ($l\epsilon_4$). A large Au, As, Pb and Cu soil anomaly - extending over an area 1000 by 400 metres - is associated with the West zone. Mineralization found in 1987 consisted of cobbles and boulders of limonitic material found in a creek bank slide. A grab sample of the limonite analysed 2010 ppb gold, 35 ppm silver, 18368 ppm arsenic and 1764 ppm lead. The limonite varies from red to dark brown rock with local malachite and scorodite staining. In 1989 a total of 8 trenches were put in the West zone. Of these, one trench contained sections of limonitic material assaying up to 0.17 oz/ton gold. Other trenches intersected limonite as well as sulphide-bearing secondary iron-carbonate, samples of which assayed high in copper (up to 1.22%) and arsenic (up to 4.49%). Sulphides consist of arsenopyrite,

chalcopyrite, pyrite and pyrrhotite commonly in a matrix of medium to coarse-grained iron-carbonate.

Diamond drilling in 1993 located thin (up to 0.6 m wide), massive sulphide lenses associated with a northerly striking, moderately westerly dipping shear zone (holes 93-1, 2, 3, 10, 11, 12). The juxtaposition of Lower Cambrian carbonates over Upper Cambrian to Ordovician shale in the shear suggests the structure is a reverse fault - possibly listric to a larger thrust sheet. However, insufficient mapping has been carried out to provide an accurate assessment of movement along this structure - it could alternately, represent a detachment fault. This style of structure may fit in better with developments occurring at the time of the Ketza-Seagull uplift. The massive sulphide lenses consist mainly of medium-grained pyrite with lessor irregular patches of arsenopyrite and are therefore non-magnetic. Analyses of the massive sulphide range from 530 to 980 ppb Au (equivalent to 0.015 to 0.029 oz/ton Au), 3.1 to 147.9 ppm Ag, 8616 to 80581 ppm As, 88 to 8977 ppm Cu, 137 to 15246 pp Pb. The massive sulphide lenses also have relatively high Sb and Bi values.

A second style of mineralization intersected in drill holes 93-5, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17 and 18 consists of irregular zones of fine to medium-grained iron carbonate, fine-grained, grey quartz and felted masses of green chlorite. This material appears either as a matrix in carbonate breccias or as

cave filling or pervasive replacement zones. Disseminated pyrite and pyrrhotite occur in amounts up to 20% in section of the carbonate-quartz-chlorite zones. Arsenopyrite and chalcopyrite are found in lessor quantities with traces of galena and sphalerite. Analyses of carbonate-quartz-chlorite zones while locally high are typically an order of magnitude less than values for gold, silver, arsenic, copper, lead and zinc found in the massive sulphide. The pyrrhotite content of the carbonate-quartz-chlorite zones is sufficient to explain the magnetic anomalies at the West Zone.

East Zone

Gold occurs in the basal member ($l\epsilon_1$) of the Lower Cambrian at the East Zone. Irregular veins of iron and manganese-rich carbonates containing pyrite and arsenopyrite cut thin-bedded black limestone. The limestone forms several small exposures in this area. Attitude of bedding in the limestone varies from exposure to exposure suggesting that the sequence has been folded. Alternatively, the variation in bedding may be the result of rotation of blocks about a dissolution-collapse structure related to the paleokarst, with the veins filling fractures on the periphery. Grab samples of sulphide mineralization collected during the 1987 season have assayed up to 1.220 oz/ton gold. In 1989 an area was stripped off at the East zone and sampled. Continuous chip samples across the base of the exposure assayed up to 0.356 oz/ton gold across 2.10 metres.

A drill hole (93-21) collared immediately west of the trench intersected approximately 6 metres (19 ft) of iron carbonate-quartz-chlorite rock with disseminated pyrite and pyrrhotite at the base unit $1\epsilon_1$. Samples of this material contained negligible gold and low copper (to 344 ppm) and arsenic (to 241 ppm) values. Other holes (93-22, 23) drilled in this area failed to intersect the Lower Cambrian horizon, but did hit the underlying unit. From this it was determined that the Lower Cambrian unit in this area is a small erosional remnant of limited areal extent.

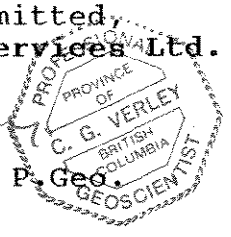
CONCLUSIONS & RECOMMENDATIONS

Mountain Province Mining Inc. is the owner of 159 contiguous mineral claims. The property is situated in a road accessible area of the Watson Lake Mining District (105F/8, 9).

The 1993 work program consisted of 1514.86 metres (4970 feet) of NQ diamond drilling in 23 holes. The West zone was tested by 20 holes in 4337 feet. The East zone by 192.95 metres (633 feet) in 3 holes. No significant gold mineralization was located at the East zone and this area appears to be limited structurally. Low-grade gold mineralization (up to 0.029 oz/ton over 0.20 m) was located in a massive sulphide zone occurring in a northerly trending, westerly dipping shear. Anomalous gold-arsenic-copper-lead mineralization occurs in carbonate-quartz-chlorite replacement zones.

Further work should be undertaken to explore for higher grade gold mineralization associated with massive sulphides in the shear at the West zone. A program of detailed mapping and geophysics designed to more accurately determine the structural controls for and stratigraphic setting of the mineralization is recommended initially, followed by drill testing of targets defined by this program.

Respectfully submitted,
Amerlin Exploration Services Ltd.



Carl G. Verley, P.Geo.

February 18, 1994
Vancouver, B.C.

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APPENDIX A

DIAMOND DRILL LOGS

DRILL LOG LEGEND

LITHOLOGY:

- OB - Overburden
- $L\epsilon_4$ - Phyllite
- $L\epsilon_3$ - Silt-banded limestone
- $L\epsilon_{3B}$ - Biohermal limestone
- $L\epsilon_{3P}$ - Argillaceous or phyllitic limestone
- $L\epsilon_{3T}$ - tuff?
- $L\epsilon_2$ - Calcareous phyllite
- $L\epsilon_1$ - Carbonaceous, laminated limestone
- $P\epsilon$ - Phyllite and quartzite

BEDDING:

Angular measurements are from core axis, with this being taken as 0°

STRUCTURE:

- $\Delta\nabla\Delta$ - breccia
- f - foliation
- $\wedge\vee\wedge\vee$ - shearing

ALTERATION:

- U - Unaltered
- C/Q/C - Carbonate (typically Fe-carb.) - Quartz Chlorite alteration or replacement
- ox - oxide/oxidized
- ser - serictized

MINERAL:

Asp	Arsenopyrite	G	Goethite
PbS	Galena	H	Hematite
Py	Pyrite	J	Jarosite
Cpy	Chalcopyrite	M	Magnetite
Chl	Chlorite	Mn	Manganese oxide

VEINING:

- Ca - Calcite
- CX - Coomb textured quartz vein fragments
- CD - Chalcedonic quartz vein fragments
- Fe-Ca Iron carbonate
- LF - Limonitic fracture
- QM - Quartz microveining
- Q - Quartz

Drill Log Legend con'd:

COLOUR:

After GSA rock colour chart.

GY - Greyish yellow
LG - Light grey
LGG - Light greenish grey
MDG - Medium dark grey
MG - Medium grey
MLG - Medium light grey
MOP - Moderate orange pink
PYG - Pale yellowish grey
RB - Reddish brown
VLG - Very light grey
YB - Yellowish brown
YG - Yellowish grey

DESCRIPTIVE GEOLOGY

Abbreviatons:

app. - approximate
Arg. - argillite/argillaceous
blk - black
bx - breccia
C.A. - core axis
Calc. - calcite
Carb. - carbonate
cht - chert
Diam. - diameter
Dissem. - disseminated/disseminations
Gry - grey
Lght. - light
Lht - light
Lst. - limestone
M - mottled
med. - medium
Qtz - quartz
repl. - replacement
sect. - section(s)
selv. - selvage(s)
tr. - trace
v. - vein
w. - with
wh. - white
xstl - crystal/crystalline

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-1	Northing:	2740 N
Claim:	WHITE 45	Easting:	2393 E
Azimuth:	-	Elevation:	1675 m
Inclination:	-90°	Total Depth:	66.75 m

Interval	Geology	Significant Assays	Au ppb	As ppm	Cu ppm
0 - 2.44	Overburden				
2.44 - 3.96	Limonite/oxide zone	2.44-3.96	180	12541	971
3.96 -14.00	Silt-banded limestone - brecciated to 8.84				
14.00 -15.78	Biohermal limestone				
15.78 -19.20	Silt-banded limestone				
19.20 -21.44	Biohermal limestone				
21.44 -34.14	Silt-banded limestone				
31.14 -37.75	Biohermal limestone				
37.75 -42.50	Silt-banded limestone				
42.50 -45.00	Argillaceous limestone				
45.00 -48.00	Silt-banded limestone				
48.00 -53.90	Argillaceous limestone				
53.90 -56.65	Silt-banded limestone				
56.65 -61.10	Argillaceous limestone				
61.10 -62.15	Biohermal limestone				
62.15 -66.75	Silt-banded limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 N EASTING 2393 E PAGE No 1 of 7

TOTAL DEPTH 66.75 m (219 ft) AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1675 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Aug. 28/93 FINISHED Aug. 29/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 2.44m OVERBURDEN										
3	LIM			Ox			BR	2.44 - 3.96m brownish-red limonitic material.	1801		0.005	-	180	5.9	12549	971	280	199
4	LC_3				P_y P_y P_y		BLK MG	3.96 - 6.85 soft, black graphitic breccia matrix with medium grey, finely crystalline limestone and pyrite frag's	1802		0.001	-	28	1.5	992	153	71	130
7								6.85 - 8.84 breccia: angular fragments of LC_3 with carbonaceous material and pyrite in interstices.										
9	LC_3						MG	8.84 - LC_3 - limestone: med. grey, finely crystalline with abundant stylolites; mottled										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	Lc_3						MG	LC_3: Limestone: locally appears sheared. Graphitic, argillaceous layers occur on stylolites Some sections (14 to 15.78m) do not have agrillaceous partings and are lighter grey in colour and contain poorly preserved archeocyathids 11 - 11.80m irregular patches of sparry calcite void filling									
11																		
12																		
13		60																
14	Lc_{3B}						LG/M	14 - 15.78 mottled limestone with archeocyathids										
15																		
16	Lc_3						MG	15.78 - 19.20 Silt-banded limestone										
17																		
18		60																
19																		
20	Lc_{3B}						LG/M	19.20 - 21.44 m Light grey mottled limestone										
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	$L\epsilon_{3B}$				Py/ Ca	30		21.44 pyrite-calcite stringer										
22								21.44 - 34.14 m Silt-banded limestone										
23																		
24																		
25																		
26	$L\epsilon_3$						MG											
27		40			Ca	20		Sparry white calcite stringers										
28																		
29																		
30																		
31	$L\epsilon_3$				Ca	20	MG	31.09 - 31.36 m Open irregular fractures trending down axis of core										
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
33	Le_3						MG	Silt-banded limestone cont'd 33.40 - Calcite-filled broken zone grades into mottled lht gry lst with irreg. calcite stringers										
34																		
35	Le_{3B}							34.14 - 37.75 m Archeocyathid-bearing lst with abundant argillaceous partings										
36																		
37					Py			Py dissem. in agrillaceous sect. and along pressure solution fract's										
38	Le_3						MG	37.75 m mottled lst w. irreg. calc. stringers, locally brecciated; shows replacem't by secondary calcite										
39						Ca												
40								39.93 m increasing argillaceous component w. ubiquitous py.										
41																		
42	Le_3						MG											
43	Le_{3P}	75					MG	42.50 - 45.00 m Argillaceous, medium grey, finely crystalline, laminated limestone										
44																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
44	$L\epsilon_{3p}$						MG	Argillaceous limestone cont'd										
45								45.00 - 48.00 m Silt-banded limestone										
46	$L\epsilon_3$						MG											
47																		
48		65						48.00 - 53.90 M Argillaceous limestone										
49																		
50		35				Ca												
51	$L\epsilon_{3p}$						MG											
52																		
53		65																
54	$L\epsilon_3$						MG	53.90 - 56.65 m Silt-banded limestone										
55																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM White 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
55								COMMENTS:										
56	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
57								56.65 - 61.10 m Agrillaceous limestone; contains pyrite porphroblasts										
58	$L\epsilon_{3P}$	74					MG											
59																		
60																		
61						20												
62	$L\epsilon_{3B}$				Py		LG/M	61.10 - 62.15 M Lht gry, mottled, archeocyathid-bearing lst Py stringer @ 61.65 m										
63	$L\epsilon_3$						MG	62.15 to E.O.H. Silt-banded limestone										
64						Ca												
65						13		Veined area: contains a small piece of core w. 7% fine-grained, py euhedra dissemin. in arg. sect.										
66						Ca												

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-1 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
66	Lc_3						MG	Silt-banded limestone										
								-------End of Hole----------										
67								66.75 m										

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-2	Northing:	2740 N
Claim:	WHITE 45	Easting:	2393 E
Azimuth:	067°	Elevation:	1675 m
Inclination:	-60°	Total Depth:	64.62 m

Interval	Geology	Significant Analyses	Au ppb	As ppm	Cu ppm
0 - 6.71	Overburden				
6.71- 6.79	Massive pyrite	6.71-8.30	35	1986	144
6.79- 9.44	Silt-banded limestone - brecciated to 8.30				
9.44-12.00	Biohermal limestone				
12.00-22.70	Silt-banded limestone				
22.70-24.00	Biohermal limestone				
24.00-28.25	Silt-banded limestone				
28.25-28.65	Biohermal limestone				
28.65-29.65	Silt-banded limestone				
29.65-34.45	Biohermal limestone				
34.45-36.50	Silt-banded limestone				
36.50-39.76	Biohermal limestone				
39.76-40.04	Silt-banded limestone				
40.04-40.76	Biohermal limestone				
40.76-41.48	Silt-banded limestone				
41.48-43.80	Biohermal limestone				
43.80-51.60	Silt-banded limestone				
51.60-62.40	Argillaceous limestone				
62.40-64.62	Silt-banded limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 N EASTING 2393 E PAGE No 1 of 6

TOTAL DEPTH 64.62 m (212ft) AZIMUTH 067° ANGLE OF HOLE -60° ELEVATION 1675 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Aug. 29/93 FINISHED Aug. 30/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 6.71 Overburden										
1																		
2																		
3																		
4																		
5																		
6																		
7					Py Asp Py		BLK	6.71 - 6.79 m Massive pyrite w. quartz stringers containing arsenopy. 6.79 - 8.30 m Graphitic matrix breccia w. py frag's	1803		0.001	-	35	3.1	1986	144	218	124
8																		
9	LC_3						MG LG	8.30 - 9.44 m Silt-banded limestone grades into lght gry, mottled, stylolitic limestone - blocky w. rusty fractures and calcite stringers										
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
11	$L\epsilon_{3B}$		~~~				LG/M	9.44 - 12.00 m Archeocyathid-bearing limestone; Light grey and mottled. 10.50 m - fault/shear										
12	$L\epsilon_3$						MG	12.00 - 22.70 m Silt-banded limestone; w. local sparry calc. matrix breccia commonly stylolitic										
13						Ca												
14						Ca												
15		48																
16						Ca												
17						Ca												
18						Py-Ca		18.20 m Py stringer										
19						45												
20																		
21	$L\epsilon_3$						MG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	$L\epsilon_3$	55					MG											
22																		
23	$L\epsilon_{3B}$						LG/M	22.70 - 24.00 m Light to med. grey, mottled lst. contains archeocyathids										
24	$L\epsilon_3$						MG	24.00 - 28.25 m Silt-banded limestone										
25		60				Ca												
26		60																
27						Ca												
28						40												
	$L\epsilon_{3B}$						LG/M	28.25 - 28.65 m Lght gry, mottled lst.										
29	$L\epsilon_3$				Py-Ca	38	MG	28.65 - 29.65 M Silt-banded lst. Py - greenish yell. carb. stringers: 3 - 15mm cut by white calc. contain muscovite?/arsenopy?										
					Py-Ca													
30	$L\epsilon_{3B}$						LG/M	29.65 - 34.45 m Lght grey, mottled lst. w. archeocyathids. Archeo's show distinct flattening & stretching.										
31		30																
32		f																

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_{3B}$						LG/M	Biohermal lst.										
33																		
34																		
	$L\epsilon_3$						MG	34.45 - 36.50 m Silt-banded lst.										
35																		
36																		
37	$L\epsilon_{3B}$						LG/M	36.50 - 39.76 m Biohermal lst.										
38																		
39								39.40 m - sparry calc. cave fill										
40	$L\epsilon_{3B}$	55/f					LG/M	39.40 - 40.04 m Silt banded lst. 40.04 - 40.76 m Biohermal lst.										
41	$L\epsilon_3$	55/f					MG	40.76 - 41.48 m Silt-banded lst.										
42	$L\epsilon_{3B}$						LG/M	41.48 - 43.80 m Biohermal lst										
43																		

COMMENTS:

ASSAY & ANALYTICAL DATA

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_{3B}$						LG/M	Biohermal lst cont'd.										
44	$L\epsilon_3$				Ca		MG	43.80 - 51.60 m Silt-banded lst										
45								appears to be becoming increasingly argillaceous at 48										
46					Py-FeC			2 mm Py- Fe-carb. stringer										
47																		
48	$L\epsilon_3$				Ca		MG	14 cm calc. vein										
49																		
50																		
51																		
52	$L\epsilon_{3P}$				Py		mg	51.60 - 62.40 m Agrillaceous lst.										
53								Contains Py as porphyroblasts and along foliation.										
54					Py													

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-2 CLAIM WHITE 45 NORTHING 2740 EASTING 2393 ELEVATION 1675 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	$L\epsilon_{3P}$						MG	Argillaceous lst cont'd.										
55					Py													
56																		
57		57/f																
58																		
59																		
60																		
61								Quartz-carb/Fe-carb.-Py stringer.										
62					Ca													
63	$L\epsilon_3$				Ca		MG	62.40 - 64.62 m Silt-banded lst. 63.20 m - 10 cm Qtz-carb vein										
64					Py			63.75 m - Py										
					Ca			End of Hole 64.62 m										
65																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-3	Northing:	2697 N
Claim:	WHITE 45	Easting:	2369 E
Azimuth:	041°	Elevation:	1663 m
Inclination:	-70°	Total Depth:	44.50 m

Interval	Geology	Significant Analyses	Au ppb	As ppm	Cu ppm
0 - 7.92	Overburden				
7.92-14.02	Silt-banded limestone				
14.02-16.00	Biohermal limestone				
16.00-16.34	**Massive pyrite**	16.00-17.07	530	38457	8977
16.34-16.90	graphitic breccia	17.07-18.34	140	13228	80
16.90-16.97	**Massive pyrite**				
16.97-18.43	graphitic breccia				
18.43-24.33	Silt-banded limestone				
24.33-26.84	Biohermal limestone				
26.84-29.50	Silt-banded limestone				
29.50-30.43	Argillaceous limestone				
30.43-31.34	Silt-banded limestone				
31.34-32.31	Argillaceous limestone				
32.31-43.90	Silt-banded limestone				
43.90-44.50	Biohermal limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-3 CLAIM WHITE 45 NORTHING 2697 N EASTING 2369 E PAGE No 1 of 5

TOTAL DEPTH 44.50 m (146ft) AZIMUTH 041° ANGLE OF HOLE -70° ELEVATION 1663 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Aug. 30/93 FINISHED Aug. 30/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 7.92 m Overburden										
8	Le_3	50					MG	7.92 - 14.02 m Silt-banded limestone										
									1804		0.001	-	35	1.3	2731	11	42	18

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-3 CLAIM WHITE 45 NORTHING 2697 EASTING 2369 ELEVATION 1663 m PAGE No 2 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA							
10	$L\epsilon_3$						MG	Silt-banded Limestone cont'd.	1804		0.001	-	34	1.3	2731	11	42	18
11																		
12																		
13																		
14	$L\epsilon_{3B}$				PbS Py Cpy		LG/M	14.02 - 15.90 m Biohermal limestone										
15								15.00 - 1 cm Py-PbS veinlet										
16	MS				PbS Py			15.90 - carb. stringer w. Pbs-FeS_2										
		MS			Py Asp		BLK	16.00 - 16.34 m massive pyrite 16.34 - 16.90 m carbonaceous matrix breccia w. sulph. frag's: Py-Aspy	1816		0.015	-	530	38.6	38457	8977	1169	443
17					Py Asp			16.90 - 16.97 m massive pyrite 16.97 - 18.43 m carbonaceous matrix breccia w. py-aspy frag's.	1817		0.004	-	140	2.5	13228	80	187	341
18							BLK	18.30 - 4 cm aspy-py band										
19	$L\epsilon_3$						MG	18.43 - 24.33 m Silt-banded limestone										
20																		
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-3 CLAIM WHITE 45 NORTHING 2697 EASTING 2369 ELEVATION 1663 m PAGE No 3 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
22	Le_3	70			Py		MG	Pyrite aggregates assoc. w. sparry carb. in small "knots" approx. 0.5-1.0 cm in diam.										
23																		
24																		
25	Le_{3B}						LG/M	24.33 - 26.84 m Biohermal limestone										
26																		
27	Le_3						MG	26.84 - 29.50 m Silt-banded limestone grades into argillaceous lime-stone @ 29.50 m										
28																		
29																		
30	Le_{3P}						GG	29.50 - 30.43 m Phyllitic section: has distinct greenish-grey cast; foliation planes have 2 orthogonal line-ations.										
31	Le_3						MG	30.43 - 31.34 m Silt-banded limestone										
32	Le_{3P}	60					GG	31.34 - 32.31 m Phyllitic limestone										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-3 CLAIM WHITE 45 NORTHING 2697 EASTING 2369 ELEVATION 1663 m PAGE No 4 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32					Ca		MG	32.31 - 43.90 m Silt banded limestone Note: 32.31 m - 10 cm carb. vein/ cave-fill some shearing at base.											
	$L\epsilon_3$																	
33																		
					Ca			34.00 m - 10 cm carb. vein/cave fil											
34																		
35																		
36								36.10 - 36.60 m - 2 generations of carb. veins: early carb.-chlorite stringers cut by later white calcite veins.											
	$L\epsilon_3$						MG											
37																		
38																		
39																		
40								40.00 - 40.40 m Calcite-qtz vein "overlies" qtz-carb-chlorite zone/vein w. py after a contorted zone calc.-qtz vein appears again: 40.75 - 40.85											
					Py													
41					Py													
42																		
		60																
	$L\epsilon_3$						MG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-3 CLAIM WHITE 45 NORTHING 2697 N EASTING 2369 E ELEVATION 1663 m PAGE No 5 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	Le_3				Py	/	MG	Silt-banded limestone 43.90 - 44.20 m Biohermal limestone										
44	Le_{3B}						LG/M	End of Hole 44.50 m										
45																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-4	Northing:	2630 N
Claim:	WHITE 45	Easting:	2318 E
Azimuth:	-	Elevation:	1642 m
Inclination:	-90°	Total Depth:	90.22 m

Interval	Geology	Significant Analyses
0 - 14.02	Overburden	
14.02-29.39	Greenish-grey phyllite	
29.39-36.00	Silt-banded limestone	
36.00-44.70	Argillaceous limestone	
44.70-45.45	Biohermal limestone	
45.45-58.20	Silt-banded limestone	
58.20-59.48	Biohermal limestone	
59.48-75.90	Silt-banded limestone	
75.90-90.22	Calcareous phyllite	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E PAGE No 1 of 9

TOTAL DEPTH 90.22 m (296') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1642 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Aug. 31/93 FINISHED Sept. 01/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 14.02 m Overburden										
1																		
2																		
3																		
4																		
5	OB																	
6																		
7																		
8																		
9	OB																	
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 2 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	OB							Overburden cont'd										
11																		
12																		
13																		
14	$L\epsilon_4$	68			Py		GG	14.02 - 29.39 m Greenish-grey mudstone/phyllite variable response to HCl from none to effervescent. Py aggregates along foliation plane									
15																		
16																		
17					Py			Py euhedra assoc. w. calc. vug filling.										
18																		
19			~~~															
20					Py			19.44 m Shear Foliation vertical (down hole) 19.82 - 20.02 m qtz-carb. vein									
21	$L\epsilon_4$						GG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 3 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	$L\epsilon_4$	75			Chl Ca		GG	Greenish-grey Phyllite con'd.										
22																		
23																		
24																		
25		60																
26																		
27																		
28																		
29																		
30	$L\epsilon_3$				Py	Ca	MG	29.39 - 36.00 m Silt-banded limestone silt-bands highly deformed										
31																		
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 4 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
33																		
34																		
35		50			Py			35.00 - increasing clay/silt bands										
36	---	---	---	---	---	---	---											
	$L\epsilon_{3p}$						GG	36.00 - 44.70 Phyllitic limestone contains py prophyroblasts										
37																		
38																		
39																		
40																		
41		80																
42																		
	$L\epsilon_{3p}$						GG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 5 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_{3P}$				Py		GG	Phyllitic limestone py nodules/boudins?										
44																		
45	$L\epsilon_{3B}$						LG/M	44.70 - 45.45 m Biohermal limestone										
46	$L\epsilon_3$						MG	45.45 - 58.20 m Silt-banded limestone										
47																		
48																		
49																		
50																		
51								51.50 m - increasing argillite										
52																		
53	$L\epsilon_3$						MG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 6 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	Le_3																	
55		75						foliation devel. crenulation cleav. in silt bands										
56																		
57																		
58																		
	Le_{3B}						LG/M	58.20 - 59.48 m Biohermal limestone										
59																		
60					Py			59.48 - 75.70 m Silt-banded limestone										
61																		
62																		
63																		
64	Le_3						MG											
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 7 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65	$L\epsilon_3$						MG	Silt-banded limestone										
66		60																
67																		
68																		
69					Py			Py nodules (2cmX3mm), and wispy bands; fine-grained, euhedral										
70																		
71	$L\epsilon_3$						MG											
72																		
73																		
74								73.80 - Ca cave-fill; w. open space										
75																		
76	$L\epsilon_3$						MG	75.70 - 75.83 m Ca cave fill										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 8 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
76								75.90 - E.O.H										
	$L\epsilon_2$						GG	Calcareous phyllite: greenish-grey, laminated, contains large (0.5 cm) py porphyroblasts										
77		33																
78																		
79																		
80																		
81																		
	$L\epsilon_2$						GG											
82																		
83																		
84																		
85			~~~					Shear										
86																		
	$L\epsilon_2$						GG											
87																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-4 CLAIM WHITE 45 NORTHING 2630 N EASTING 2318 E ELEVATION 1642 m PAGE No 9 of 9

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
87	$L\epsilon_2$						GG	Calcareous phyllite con'd.										
88																		
89								89.33 - 89.68 m Qtz-carb. vein										
90		65						End of Hole 90.22 m										
91																		
92																		
93																		
94																		
95																		
96																		
97																		
98																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-5	Northing:	2720 N
Claim:	WHITE 47	Easting:	2200 E
Azimuth:	020°	Elevation:	1630 m
Inclination:	-70°	Total Depth:	47.24 m

Interval	Geology	Significant Analyses	Au ppb	As ppm	Cu ppm
0 - 3.60	Overburden				
3.60-15.25	Silt-banded limestone				
15.25-16.47	Argillaceous limestone				
16.47-17.50	Silt-banded limestone				
17.50-26.00	Argillaceous limestone				
26.00-31.10	Silt-banded limestone				
31.10-40.00	Argillaceous limestone				
40.00-43.95	Silt-banded limestone	40.30-40.80	1240	27607	273
43.95-47.24	Argillaceous limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-5 CLAIM WHITE 47 NORTHING 2720 N EASTING 2200 E PAGE No 1 of 5

TOTAL DEPTH 47.24 m (155') AZIMUTH 020° ANGLE OF HOLE -70° ELEVATION 1630 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 01/93 FINISHED Sept. 02/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.60 m Overburden										
4	$L\epsilon_3$						RB	3.66 - 15.25 m Silt-banded limestone: limonitic to 4.88 m	1805		-	-	4	1.0	53	32	15	27
5							Mg	Ca & Fe-carb veins										
9	$L\epsilon_3$						MG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-5 CLAIM WHITE 47 NORTHING 2720 EASTING 2200 ELEVATION 1630 m PAGE No 2 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
11																		
12																		
					Py			12.80 m - py cluster 1 cm diam. surrounded by white calc.										
13								Rock has boudinaged appearance w. lst bands stretched to lenses between silt/clay bands.										
14																		
15								15.25 - 16.47 m Greenish grey phyllite										
16	$L\epsilon_{3P}$						GG											
17	$L\epsilon_3$	43					MG	16.47 - 17.50 m Silt-banded limestone										
18	$L\epsilon_{3P}$						GG	17.50 - 26.00 m Greenish-grey phyllite										
19		20																
20																		
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-5 CLAIM WHITE 47 NORTHING 2720 EASTING 2200 ELEVATION 1630 m PAGE No 3 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	$L\epsilon_{3p}$						GG	Greenish-grey phyllite cont'd.										
22																		
23					Ca													
24																		
25																		
26																		
	$L\epsilon_3$						MG	26.00 - 31.10 m Silt-banded limestone; boudinaged appearance										
27																		
28								- Core has distinct laminated greenish micritic bands - 4-8 cm thick every 30 to 30.5 cm										
29																		
30		75	45					- Thin fossiliferous lst. band (2 cm, lght gry, mottled) at 30.12 m - Also lht gry mottled lst band at 30.45 - 30.59 m - Micritic bands are at 75° to C.A. & contain dissem. py; cleavage defined by boudins of lst in arg.										
31																		
32	$L\epsilon_{3p}$						GG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-5 CLAIM WHITE 47 NORTHING 2720 EASTING 2200 ELEVATION 1630 m PAGE No 4 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32																		
	$L\epsilon_{3p}$	48					GG	31.10 - 40.00 m Greenish grey phyllite										
33																		
34																		
35																		
36								36.16 m - Deformed archeocyathid										
								36.23 m - fossil trash zone										
37								36.36 m - fossil trash zone										
	$L\epsilon_{3p}$						GG											
38																		
39																		
40																		
	$L\epsilon_3$		25	Chl	Py Asp		MG	40.00 - 43.95 m Silt-banded limestone	1806		0.036	-	1240	4.1	27607	273	98	120
41								40.51 - 40.65 m Massive, fine to med. grained py in qtz-calc. vein w. greyish chl. zone is cut and disrupted by a shear @ 25° to C.A.										
42																		
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-5 CLAIM WHITE 47 NORTHING 2720 EASTING 2200 ELEVATION 1630 m PAGE No 5 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	Le_3						MG	Silt-banded limestone cont'd.										
44	Le_{3p}	75			Py		GG	- minor fold 43.95 - E.O.H. Greenish-grey phyllite										
45					Py													
46																		
47								End of Hole 47.24 m										
48																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-6	Northing:	2763 N
Claim:	WHITE 47	Easting:	2210 E
Azimuth:	020°	Elevation:	1630 m
Inclination:	-70°	Total Depth:	66.59 m

Interval	Geology	Significant Analyses
0 - 3.65	Overburden	
3.65- 4.10	Silt-banded limestone	
4.10- 5.94	Biohermal limestone	
5.94-23.80	Silt-banded limestone	
23.80-48.90	Argillaceous limestone	
48.90-52.31	Carbonate-quartz-chlorite replacement zone with disseminated sulphides	
52.31-53.12	Biohermal limestone	
53.12-54.35	Calcite vein	
54.35-58.00	Silt-banded limestone	
58.00-66.59	Biohermal limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E PAGE No 1 of 7

TOTAL DEPTH 66.59 m (218.5')AZIMUTH 020° ANGLE OF HOLE -70° ELEVATION 1630 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 02/93 FINISHED Sept. 03/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.65 m Overburden										
4	$L\epsilon_3$						MG	3.65 - 4.10 m Silt-banded limestone										
5	$L\epsilon_{3B}$						LG/M	4.10 - 5.94 m Lght gry, mottled, archeocyathid-bearing lst. deformed										
6	$L\epsilon_3$						MG	5.94 - 23.80 m Silt-banded limestone has 1 cm or less blk contorted silt bands between 3 to 10 cm gry, mottled bioclastic lst bands.										
9	$L\epsilon_3$						MG	9.70 - 10.00 m - carb. veining & broken stockwork of calc. stringer										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10					Ca	30°	MG	Silt-banded limestone cont'd.										
	$L\epsilon_3$																	
11					Ca			10.81 - 15.20 m core has distinct boudinaged app.										
12																		
13								Ca-Fe-carb-py vein trending down C.A. 0-1.5 cm wide										
14					PbS													
15					Py			- Fe-carb vein from which Ca vein splits off. Fe-carb vein contains Py + tr aspy. surrounding micritic rock has abundant fine-grained Py(5%) as lenses and disseminations or wispy bands parallel laminations.	1807		-	-	14	2.1	518	21	295	7
	$L\epsilon_3$				Asp		MG											
16					Py													
17								- at 15.10 small mass of py - 3x4 cm assoc. w. qtz-calc. v.										
								- shear at 15.16										
18																		
19																		
20						C.		- sheared & broken sect. 20.00 to 20.57 m										
	$L\epsilon_3$						MG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	$L\epsilon_3$						MG	Silt-banded limestone										
22																		
23																		
24								23.80 - 48.90 m										
	$L\epsilon_{3P}$						GG	Greenish-grey phyllite										
25																		
26																		
27																		
28																		
29																		
30																		
31																		
	$L\epsilon_{3P}$						GG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32		75																
	$L\epsilon_{3p}$						GG	Greenish-grey phyllite cont'd.										
33																		
34																		
35																		
36																		
37																		
	$L\epsilon_{3p}$				Fe/Ca		GG	- Fe-carb. stringers w. chl? 37.50 - 38.25 m										
38																		
39																		
40		43																
41																		
42																		
	$L\epsilon_{3p}$						GG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_{3P}$						GG	Greenish-grey phyllite cont'd.										
44																		
45			~~~		Fe/ Ca			- 45.00 - fault - Fe-carb vein										
46		60																
47																		
48	$L\epsilon_{3P}$						GG											
49	CQC			C/ Q/ Chl	Py Asp		YGG /M	48.90 - 52.31 m Fe-carb-calc-chl cut by late qtz tr py assoc. w. irreg. felted masses of chl	1808		-	-	1	0.6	17	4	10	15
50									1809		-	-	1	0.7	443	14	11	8
51								- what appear to be frag's (2-4 cm diam) of med. grained pale yellowish-brown Fe-carb. are in a matrix of smaller frag's white calc. greyish white quartz. Late white calcite fracture fillings are locally vuggy. Felted masses of chl Py as fine to coarse euhedral xstals occur w. late calc. and qtz & greyish material as well as chl. tr aspy										
52				C/ Q/ Chl	Py/ Asp				1810		-	-	1	0.5	348	26	6	2
	$L\epsilon_{3B}$			Chl			LG/ M		1811		-	-	1	0.7	14	1	6	4
53					Ca			52.31 - 53.12 m - Biohermal lst 53.12 - 54.35 m - White coarse xtal										
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54								COMMENTS:										
		50		Chl				calc. vein - locally vuggy; w. chl. patches										
55	Le_3?						MG	54.35 - 58.00 m Silt-banded limestone? has bleached appearance										
				Chl														
56																		
57																		
58	---	---	---	---	---	---	---											
	Le_{3B}?						LG	58.00 - E.O.H. Bleached biohermal lst?										
59				Chl														
60																		
61																		
62																		
63																		
64																		
	Le_{3B}?						LG											
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-6 CLAIM WHITE 47 NORTHING 2763 N EASTING 2210 E ELEVATION 1630 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65																		
	L€3B		~~~		Ca-Fe		LG											
66								End of Hole 66.59 m										
67																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-7	Northing:	2775 N
Claim:	WHITE 47	Easting:	2230 E
Azimuth:	020°	Elevation:	1632 m
Inclination:	-70°	Total Depth:	46.33 m

Interval	Geology	Significant Analyses	Au ppb	As ppm	Cu ppm
0 - 3.05	Overburden				
3.05- 7.77	Silt-banded limestone				
7.77-23.16	Greenish grey phyllite - sheared 18.74-23.16				
23.16-24.60	Silt-banded limestone - brecciated				
24.60-25.09	Carbonate-quartz-chlorite replacement zone - breccia	24.66-25.09	157	3094	46
25.09-28.65	Biohermal limestone				
28.65-29.85	Limonitic/oxide zone				
29.85-34.55	Silt-banded limestone				
34.55-36.65	Biohermal limestone				
36.65-46.33	Silt-banded limestone - with local breccia zones				

K E T Z A P R O J E C T - D I A M O N D D R I L L R E C O R D

HOLE No. 93-7 CLAIM WHITE 47 NORTHING 2775 N EASTING 2230 E PAGE No 1 of 5

TOTAL DEPTH 46.33 m (152') AZIMUTH 020° ANGLE OF HOLE -70° ELEVATION 1632 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 03/94 FINISHED Sept. 04/94 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.05 m Overburden										
3	$L\epsilon_3$			Sid	Ca		MG/B	3.05 - 7.77 m Silt-banded limestone Altered? w. brownish patches - siderite?										
7				Sid														
8	$L\epsilon_4$		40/f	Sid			GG/B	7.77 - 23.16 m Greenish grey phyllite - altered as above.										
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-7 CLAIM WHITE 47 NORTHING 2775 N EASTING 2230 E ELEVATION 1632 m PAGE No 2 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10																		
	Lc_4			Sid.			GG/M	Phyllite cont'd.										
11																		
12																		
				Sid				12.67 - 13.40 m										
13				Sid				intense sideritization & shearing										
				Sid				w. siderite vein emplacement										
14																		
	Lc_4						GG/M											
15																		
16																		
17								17.34 m - ground broken/blocky										
18																		
19								18.74 - 23.16 m										
								Clay zone - shear										
20																		
	Lc_4						GG/PG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-7 CLAIM WHITE 47 NORTHING 2775 N EASTING 2230 E ELEVATION 1632 m PAGE No 3 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	$L\epsilon_4$						GG/PG	Phyllite cont'd - sheared										
22																		
23	$L\epsilon_3$?						MG	23.16 - 24.60 m Brecciated silt-banded lst?										
24																		
25	CQC			C/Q Chl	Py Asp			24.60 - 25.09 m Carbonate-quartz-chlorite zone brecciated Fe-carb in calc.-qtz matrix w. py and lessor aspy. local zones of crackle bx w. blk matrix of py & chl	1812		0.005	-	157	2.4	3094	46	18	6
26	$L\epsilon_{3B}$				Py	Q	LG/M		1813		-	-	5	1.0	181	22	4	4
27				Chl Q	Py			26.40 - 26.46 m - wh. qtz v. w. py 25.09 - 28.65 m Biohermal lst. - bleached, fract'd w. py locally silicified, w. pale green chl patches	1814		-	-	14	0.8	1604	15	7	7
					Py				1815		-	-	10	0.7	2611	2	7	2
28									1818		-	-	1	0.5	428	7	13	3
29					Lim		YB	28.65 - 29.85 m Yellowish-brn limonitic bx zone	1819		-	-	1	0.7	161	11	13	12
30	$L\epsilon_3$			C/Q/Chl			MG	29.85 - 34.55 m Silt-banded limestone Broken/blocky ground - fract'd & brecciated w. wh. calc. fract. & matrix; some hard silicified sect's w. chl										
31																		
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-7 CLAIM WHITE 47 NORTHING 2775 N EASTING 2230 E ELEVATION 1632 m PAGE No 4 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								ASSAY & ANALYTICAL DATA										
32																		
	Lc_3						MG	Silt-banded limestone cont'd Altered & brecciated										
33					Py			33.10 - 33.80 m graphite matrix breccia w. py										
34				C/Q														
	Lc_{3B}					Cq	MG/M	34.55 - 36.65 m Biohermal lst fract'd & locally brecciated										
35								carb. fract's, loc bx, graphitic w. py & cpy										
36					Py/Cpy	Cq			1820		-	-	1	2.5	69	1326	3	12
	Lc_3				Py/Cpy		MG	36.65 - 46.33 m (E.O.H.) Silt-banded lst fract'd & veied w. white calc. minor qtz, locally bx										
37																		
38					Py Cpy	Q-c		38.10 - 38.65 m Qtz-calc w. py & cpy	1821		-	-	1	1.2	165	955	3	26
39								38.65 - 39.62 m Carb. bx: dark lst frag's w. wh. calcite matrix. top seems clast supported, lower down clast appear to be resorbed into matrix										
40								40.05 - 41.29 m White, coarse xstl calc. vein										
41						Cq												
								41.29 - 42.08 m graphitic bx zone										
42																		
	Lc_3				Py		MG	42.50- 42.82 m graphitic bx w. py	1822		-	-	1	1.0	76	118	13	17
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-7 CLAIM WHITE 47 NORTHING 2775 N EASTING 2230 E ELEVATION 1632 m PAGE No 5 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_3$						MG	- some phyllitic intervals near end										
44																		
45																		
46								End of Hole 46.33 m										
47																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-8	Northing:	2774 N
Claim:	WHITE 45	Easting:	2251 E
Azimuth:	023°	Elevation:	1642 m
Inclination:	-70°	Total Depth:	56.23 m

Interval	Geology	Significant Analyses
0 - 5.49	Overburden	
5.40-18.90	Greenish-grey phyllite - with numerous Fe-carb. stringers	
18.90-19.18	Silt-banded limestone	
19.18-30.30	Carb.-quartz-chlorite replacement zone with zones of dissem. sulphides	
30.30-32.95	Greenish-grey phyllite	
32.95-50.50	Carb.-quartz-chlorite replacement zone	
50.50-56.23	Silt-banded limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E STICK-UP 1.83 m PAGE No 1 of 6

TOTAL DEPTH 56.23 m (184.5')AZIMUTH 023° ANGLE OF HOLE -70° ELEVATION 1642 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 04/93 FINISHED Sept. 05/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 5.49 m Overburden										
5.49	Lc_4		80		Py/ Cpy		PGG	5.49 - 18.90 m Greenish grey phyllite altered & cut by numerous fract's & stringers of Fe-carb. w. Py & Cpy	1823		-	-	28	4.7	1134	5364	3	35
									1824		-	-	36	3.6	1259	4868	2	22
7.90				C/Q /C	Py/ Cpy			7.90 - 8.85 m Coarse creamy carb., qtz & sulph.	1825		-	-	30	1.8	958	3227	28	17
10	Lc_4						PGG		1826		-	-	4	1.3	446	2408	7	8

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E ELEVATION 1642 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	$L\epsilon_4$						PGG	Greenish-grey phyllite cont'd	1826		-	-	4	1.3	446	2408	7	8
11																		
12				C/Q/C	Py/Cpy			11.87 - 12.90 m Qtz-carb.-chl sulphide zone	1827		-	-	5	0.8	461	561	10	9
13								12.90 - 18.90 m less veined & altered, greenish-grey phyllite, but disrupted, sheared & broken looking.										
14			30 f															
15	$L\epsilon_4$						PGG											
16																		
17																		
18																		
19	$L\epsilon_3$				Py		YG/M	18.90 - 19.18 m Silt-banded lst	1828		-	-	16	0.5	131	126	13	9
20	CQC			CQC				19.18 - 30.30 m Carb.-Quartz-Chlorite alteration/replacement - intense carb veining, limonitic to 20.00									
					Py				1829		-	-	1	0.5	62	114	8	9
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E ELEVATION 1642 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	CQC			CQC	Py/ Cpy Po		YG	Carb.-Quartz-Chlorite alt/repl c'd. - yellowish coarse carb. frag's flt in finer grained qtz/calc matrix w. chl - w. all cut by irreg. carb. stringers	1830	-	-	20	1.0	173	820	3	12
22																		
23				CQC	Py/ Cpy Po			21.40 - 30.30 m intense carb.-qtz-chl alt/repl with py, cpy & po - 10% sulphides 21.40 - 22.00 m	1831	-	-	7	1.1	432	197	4	13
24																		
25				CQC					1832	-	-	1	1.2	97	162	7	15
26									1833	-	-	4	0.9	163	74	6	9
27					Py/ Cpy Po			- 10% sulphides 26.80 - 30.00 m	1834	-	-	2	1.2	208	334	7	13
28				CQC	Py			28.30 - 28.45 m Massive pyrite	1835	-	-	6	1.6	408	663	10	14
29																		
30			∿∿∿	CQC				30.30 M - shear	1836	-	-	12	0.1	366	127	6	9
31	$L\epsilon_4$?						PGG	30.30 - 32.95 m pale grey phyllitic rock = LC_4?	1837	-	-	1	0.1	30	44	3	7
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E ELEVATION 1642 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_4$?						PGG	Pale greenish-grey phyllite cont'd										
									1838		-	-	1	0.1	35	23	3	14
33					Py			32.95 - 50.50 m										
	CQC			CQC			YG	Carb.-Qtz-Chl alt/repl w. sparse sulphides <1%										
34					Po													
									1839		-	-	1	0.1	126	21	5	3
				CQC														
35					Py													
									1840		-	-	1	0.1	14	2	3	5
36					Po													
				CQC				36.50 m - zebra text. rock w. lght & dark alternating carb. bands										
37					Py													
									1841		-	-	1	0.1	17	28	3	7
				CQC														
38								38.00 m - re-brecciated by wh. calc										
	CQC						YG											
					Py/ Po				1842		-	-	1	0.1	23	42	2	9
39																		
				CQC														
40									1843		-	-	1	0.1	21	21	4	5
					Py/ Po													
41																		
				CQC					1844		-	-	1	0.1	15	29	4	8
42																		
	CQC						YG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E ELEVATION 1642 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	CQC						YG	Carb.-Qtz-Chl alt/repl cont'd.	1845		-	-	1	0.1	14	29	2	9
44				CQC														
									1846		-	-	4	0.1	213	21	2	9
45					Asp													
			~~					- small slip										
46									1847		-	-	1	0.1	16	25	2	7
				CQC	Py/ Po													
47																		
				CQC					1848		-	-	1	0.1	164	21	2	9
48																		
	CQC						YB											
49				CQC					1849		-	-	7	0.1	18	12	2	15
50																		
								50.50 - 56.23 m (E.O.H.) Silt-banded lst w. phyllitic sect	1850		-	-	7	0.5	194	87	12	12
51	$L\epsilon_3$						MG/ DG	- abundant wh. calc. stringers & less common thicker (to 40 cm) Fe-carb veins										
52									1851		-	-	4	0.1	25	7	5	5
53																		
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-8 CLAIM WHITE 45 NORTHING 2774 N EASTING 2251 E ELEVATION 1642 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	Lc_3						MG		1852		-	-	6	0.1	22	31	2	6
55		50																
									1853		-	-	1	0.1	175	25	3	5
56								End of Hole 56.23 m										
57																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-9	Northing:	2748 N
Claim:	WHITE 45	Easting:	2302 E
Azimuth:	023°	Elevation:	1652 m
Inclination:	-70°	Total Depth:	71.02 m

Interval	Geology	Significant Analyses	Au ppb	Ag ppm	As ppm	Cu ppm
0 - 6.10	Overburden					
6.10- 7.92	Carb.-quartz-chlorite replacement zone	6.10-7.60	9	7.2	152	4895
7.92-18.10	Greenish-grey phyllite	11.3-12.2	40	8.0	331	15730
18.10-19.00	Carb.-quartz-chlorite replacement zone	17.9-19.1	36	0.7	41	1260
19.00-27.35	Silt-banded limestone					
27.35-29.26	Biohermal limestone					
29.26-31.80	Silt-banded limestone					
31.80-35.71	Biohermal limestone					
35.71-42.76	Silt-banded limestone					
42.76-45.25	Biohermal limestone					
45.25-51.00	Silt-banded limestone					
51.00-52.57	Biohermal limestone		Au ppb	Ag ppm	As ppm	Pb ppm
52.57-63.47	Silt-banded limestone	61.87	780	32.9	4874	13084
63.47-71.02	Argillaceous limestone					

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2301 E STICK-UP 1.83 m PAGE No 1 of 7

TOTAL DEPTH 71.02 m (233') AZIMUTH 023° ANGLE OF HOLE -70° ELEVATION 1652 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 05/93 FINISHED Sept. 06/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 6.10 m Overburden										
6	CQC			CQC	Py		RB	6.10 - 7.92 m Carb.-Quartz-Chlorite alt/repl broken frag's of blk carbon. sh first 15 cm, limonitic material & CQC rx	1854	-	-	9	7.2	152	4895	4	41
7					Py													
8					Py													
	$L\epsilon_4$		90				GG	7.92 - 18.10 m Greenish-grey phyllite	1855	-	-	1	0.5	158	302	13	11
9			f															
10			∿∪∿∿															

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA							
								COMMENTS:			Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	$L\epsilon_4$						GG	Greenish-grey phyllite cont'd.										
11					Py			11.32 m - py										
12				CQC	Py			11.35 - 11.40 m oxidized zone: & @ 11.46 - 11.56m w. sulph. changes to CQC rx at 11.56 - 11.68m then to sheared limonitic or oxidized CQC to 12 m	1856		-	-	40	8.0	331	15730	13	50
13																		
14																		
15		70																
	$L\epsilon_4$						GG											
16																		
17																		
18																		
	CGC			CQC				18.10 - 19.00 m shear - frag. of LC_3 then into CQC rx w. minor sulphides	1857		-	-	36	0.7	41	1260	2	13
19	$L\epsilon_3$						MG	19.00 - 27.35 m Silt-banded lst.										
20		70						- bioclastic bed at 20.27 - 20.66										
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
22	Lc_3				Py		MG	21.52 - 21.64 m Fe-carb vein w. py										
23								23.65 - 23.98 m open fractures & brwnish siderit-ic bands.										
24		65																
25								24.42 - 24.90 m Coarse xstal, mottled, grey-wh. calc. vein										
26	Lc_3						MG											
27								27.35 - 29.26 m Biohermal lst										
28	Lc_{3B}						LG/M											
29																		
30	Lc_3						MG	29.26 - 31.80 m Silt-banded lst										
31								- sheared 30.10 - 30.50										
32								31.80 - 35.71 m Biohermal lst.										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	Le_{3B}						LG	Biohermal lst										
33				Ox				- limonitic patches with stringers of Fe-carb.										
				Ox					1858		-	-	2	3.3	253	68	549	1291
34				Ox				- 50% limonite 32.70 - 34.24 m										
		38																
35																		
36	Le_3						MG	35.71 - 42.76 m Silt-banded limestone										
37																		
38								38.10 - 42.76 M collapse/cave bx: open fract's & spaces between clasts at top of sect., coarse white calc. fill at 39.50 - 39.86 m, locally graphitic.										
39																		
40																		
41								40.84 - 41.50 m tight bx, graphitic										
42	Le_3							42.76 - 44.00 m Biohermal lst										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	$L\epsilon_{3B}$						LG/M	Biohermal lst cont'd.										
44			◁◁◁		Py			44.00 - 44.23 m - Silt-banded lst. - follow by narrow cave bx										
	$L\epsilon_{3B}$						LG	44.23 - 45.25 m - Biohermal Lst										
45								45.25 - 51.00 m Silt-banded lst										
	$L\epsilon_3$						MG											
46																		
47																		
48																		
49								48.61 - 49.10 m coarse sparry calc cave fill										
50		55																
	$L\epsilon_3$						MG											
51								51.00 - 52.57 m Biohermal lst										
	$L\epsilon_{3B}$						LG/M											
52																		
53	$L\epsilon_3$						MG	52.57 - 63.47 m Silt-banded lst.										
						/												

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA								
54																		
	$L\epsilon_3$						MG	Silt-banded lst. cont'd.										
55								- white calc vein 55.06 - 55.17 m										
								- sect. is carbonaceous, broken & sheared to 56.36 m										
56																		
								- qtz-carb vein w. 10% py, tr aspy 56.88 - 57.11										
57																		
58		73																
59																		
	$L\epsilon_3$						MG	- abund. calc. stringers and irreg. calc. fill 59.50 - 60.80 m										
60								- more finely laminated sect. 60.50 - 61.87 m										
61																		
					Py PbS			- 5 cm band of massive py w. 2% PbS tr Cpy, Aspy 61.87 m										
62								- py 10% decreasing to 62.34, tr PbS throughout	1926		-	-	780	32.9	4874	155	13084	612
63								- rock is cut by numerous wh. calc. stringers, slightly siliceous; terminated at shear.										
64	$L\epsilon_{3P}$						GG	63.47 - 71.02 m (E.O.H.) Greenish-grey phyllite - sheared to 65.26 m										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-9 CLAIM WHITE 45 NORTHING 2748 N EASTING 2302 E ELEVATION 1652 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65																		
	$L\epsilon_{3p}$						GG	Greenish-grey phyllite cont'd.										
66					Py													
					Py													
67																		
68																		
69		32																
70																		
71								End of Hole 71.02 m										
72																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-10	Northing:	2725 N
Claim:	WHITE 45	Easting:	2330 E
Azimuth:	017°	Elevation:	1655 m
Inclination:	-70°	Total Depth:	57.00 m

Interval	Geology	Significant Analyses	Au ppb	Ag ppm	As ppm
0 - 6.70	Overburden				
6.70-11.28	Carbonaceous shale - brecciated				
11.28-17.98	Biohermal limestone				
17.98-21.03	Carb.-quartz-chlorite replacement zone				
21.03-26.67	Biohermal limestone				
26.67-41.00	Silt-banded limestone				
41.00-41.21	**Massive sulphide**	40.9-41.4	780	3.1	80581
41.21-48.18	Carbonaceous shale - brecciated				
48.18-52.80	Biohermal limestone				
52.80-57.00	Silt-banded limestone? - brecciated				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE 45 NORTHING 2725 N EASTING 2330 E STICK-UP 1.83 m PAGE No 1 of 7

TOTAL DEPTH 57.00 m (187') AZIMUTH 017° ANGLE OF HOLE -70° ELEVATION 1655 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 6/93 FINISHED Sept. 7/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 6.70 Overburden										
1																		
2																		
3																		
4																		
5																		
6	OB																	
7	uCOsl						BLK	6.70 - 7.92 Black carbonaceous shale										
8																		
9								7.92 - 11.28 Brecciated & sheared graphitic zone with black to dark grey shale fragments; locally pyritic.									
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE NORTHING 2725 EASTING 2330 ELEVATION _____ PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY (COMMENTS:)	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	uεOsl				Py		BLK	Brecciated zone con'd										
11								11.28 to 17.98 Biohermal limestone locally broken & sheared										
12	$1\epsilon_{3B}$				Py/ Po		LG/ M	11.75 - 11.89 zone with disseminated & wispy bands of pyrite (3%) & trace pyrrhotite.										
13								12.70 - 12.96 breccia zone (or cave fill) - carbonaceous.										
14																		
15																		
16				CQC	Py		LG/ M	15.77 - 15.89 pyritic C/Q/C zone										
17								16.30 - 17.26 breccia zone: becomes graphitic down hole limestone and shale frags with interstices filled with carbonaceous material; cast supported; clasts 5cm to 0.5cm; some clasts pyritic equiv. to cave zone?										
18	CQC			CQC	Py			17.98 graphitic shear;										
19					Py			17.98 - 19.95 Carbonate-quartz-chlorite rock with pyrite	1859		-	-	105	1.1	605	310	23	53
20				CQC				19.95 - 21.03 breccia, graphitic; with lst, CQC & py frags.										
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE NORTHING 2725 EASTING 2330 ELEVATION _____ PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
22	$L\epsilon_{3B}$			CQC	PbS Py		LG/M	21.03 to 26.67 Biohermal limestone 21.38: PbS in C/Q/C zone										
23																		
24																		
25																		
26	$L\epsilon_{3B}$				PbS Py	Ca												
27	$L\epsilon_3$				Py Po Cpy Asp		MG	26.67 to 41.00 Silt-banded limestone										
28								27.50: narrow Ca vein with sulphides										
29					Py Py													
30					Py/Asp													
31	$L\epsilon_3$						MG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE NORTHING 2725 EASTING 2330 ELEVATION _____ PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA							
32				CQC			MG	Silt-banded limestone con'd 32.30 -32.50: patchy & vein-like C/Q/C alt. with minor py.										
	$L\epsilon_3$																	
33				CQC				32.70 - 33.46 as above.										
								33.70 - 33.88 as above.										
34																		
				CQC				34.40 - 34.62 as above.										
35		48																
36					Py/ PbS			36.20: narrow seam with py, PbS & ZnS(?)										
37																		
	$L\epsilon_3$						MG											
38																		
39			△◁△					38.90: breccia: silt-banded lst frags in graphitic matrix.										
40																		
	$L\epsilon_3$		△▷△ △▷△ △▷△	CQC	Py		MG	40.27 - 40.50: C/Q/C 40.50 - 41.00: breccia: graphitic, with sulphide clasts	1860		-	-	33	1.1	883	53	112	62
41	-------	---	△△△ ◁△◁ △△△	---	P_y P_{rsp}	---	---	41.00 to 41.21: Massive sulphide fragment. Fine to med. grained py & aspy-rich zones; some interstitial $CaCO_3$ & qtz; py appears to be broken and invaded by aspy.	1861		-	-	780	3.1	80581	88	137	10
									1862		-	-	28	1.1	4154	42	71	27
	uEOsl?				P_y		BLK											
42								41.21 to 47.44: clast-supported graphitic breccia; some sulphide frag at top.										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE NORTHING 2725 EASTING 2330 ELEVATION _____ PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	uCOsl?							43.20 - 44.00 interval of relatively undisturbed carbonaceous shale.										
44																		
45																		
46																		
47								47.44 - 47.96: coarse white calcite vein										
48					Py			48.18 to 52.80: Biohermal lst; section has a number of clayeyto carbonaceous Bx zones as noted below.										
	Le_{3B}						LG/M											
49								49.16 - 49.73: Bx as above.										
50																		
51								50.70 - 51.50: Bx with carbonaceous section.										
52								52.20 - 52.61: Bx										
53	Le_3?							52.80 to E.O.H.: Breccia/shear zone: carbonaceous with frags of silt-banded lst.										
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-10 CLAIM WHITE NORTHING 2725 EASTING 2330 ELEVATION _____ PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	$L\epsilon_3$?						MG/DG	Bx/shear zone con'd with frags of silt-banded lst.										
55																		
56																		
57								End of Hole 57.00 m										

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-11	Northing:	2716 N
Claim:	WHITE 45	Easting:	2353 E
Azimuth:	020°	Elevation:	1660 m
Inclination:	-70°	Total Depth:	69.19 m

Interval	Geology	Significant Analyses	Au ppb	Ag ppm	As ppm
0 - 7.01	Overburden				
7.01-11.28	Carbonaceous shale				
11.28-13.65	breccia carbonaceous matrx				
13.65-16.78	Silt-banded limestone				
16.78-17.38	Biohermal limestone				
17.38-19.29	Silt-banded limestone				
19.29-19.51	**Massive sulphide band**	19.3-19.5	960	147.9	8616
19.51-21.50	Silt-banded limestone				
21.50-23.02	Biohermal limestone				
23.02-26.57	Silt-bande limestone				
26.57-27.08	**Massive sulphide band**	26.6-27.1	980	15.1	43828
27.08-28.96	Silt-banded limestone - brecciated				
28.96-29.51	**Massive sulphide band**	28.8-29.5	850	6.4	55267
29.51-34.21	Argillaceous limestone				
34.21-42.00	Silt-banded limestone				
42.00-67.05	Argillaceous limestone - quartz vein 57.72-60.48				
67.05-69.19	Biohermal limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E STICK-UP 1.80 m PAGE No 1 of 7

TOTAL DEPTH 69.19 m (227') AZIMUTH 020° ANGLE OF HOLE -70° ELEVATION 1660 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept.07/93 FINISHED Sept. 08/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 to 7.01 Overburden										
7	uCOsl	35					BLK	7.01 to 11.28 Carbonaceous shale: laminated with quartz stringers; some sections pitted - after dissolution of (?) carbonate.										
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
	uCOsl						BLK	Laminated, carbonaceous shale con'd										
11																		
								11.28 to 13.65 m Breccia of carbonaceous shale locally pyritic (12.65-12.90)										
12							BLK											
					Py													
13								13.65 - 14.90 breccia contains frags of silt-banded lst										
14																		
							MG											
	$L\epsilon_3$	63																
15								14.90 to 16.78 Silt-banded limestone										
16																		
17	$L\epsilon_{3B}$						LG/M	16.78 to 17.38 Biohermal limestone										
	$L\epsilon_3$						MG	17.38 to 19.29 Silt-banded limestone										
18																		
19					Py/PbS Asp			19.29 to 19.51 Quartz-sulfide zone: approx. 40% sulphides: Py, PbS, Aspy, ZnS & Cpy (?).	1863		0.028	-	960	147.9	8616	1571	15246	99999
	M.S.							19.51 to 20.76: Silt-banded lst.										
20								20.76 to 23.6: Breccia; lst clast										
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA								
21					Py			supported w. graphitic matrix										
22	Le_{3B}						LG/M	21.50 - 23.02 m Biohermal lst										
23																		
24	Le_3						MG	23.02 - 26.57 m Silt-banded lst										
25																		
26					Py Py			- wispy bands of pyrite to 10% @ 25.30 m	1864		0.002	-	76	2.3	1689	117	59	213
27	MS				Py/Asp			26.57 - 27.08 m Massive pyrite-arsenopyrite band	1865		0.029	-	980	15.1	43828	712	991	589
28	Le_3						MG	27.08 - 28.96 m Breccia: lst clasts w. carbonaceous matrix; cominuted sulphides last 14 cm	1866		0.002	-	58	14.1	6928	84	2865	352
29	MS				Py/Asp			28.96 - 29.51 m Massive py - aspy band - sheared & clayey: 29.51 - 29.77 m	1867		0.025	-	850	6.4	55267	258	538	117
30	Le_{3P}						GG	29.77 - 34.21 m Greenish grey phyllite										
31																		
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_{3p}$						GG	Greenish-grey phyllite cont'd.										
33																		
34				CQC		Fe-c.		- 15 cm CQC vein @ 34.21 m										
	$L\epsilon_3$						MG	34.36 - 42.00 m Sitl-banded lst.										
35						Cc												
36																		
37																		
38																		
39																		
40		32																
41	$L\epsilon_3$						MG											
42	$L\epsilon_{3p}$						GG	42.00 - 67.05 m Greenish-grey phyllitic lst										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43								COMMENTS:										
	$L\epsilon_{3P}$						GG	Greenish-grey phyllitic lst										
44								- pyrite in broken zone @ 43.56 m										
45						Fe.C												
46																		
47																		
48		45																
	$L\epsilon_{3P}$						GG											
49																		
50																		
51																		
52		15	45															
53																		
	$L\epsilon_{3P}$						GG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	Le_{3p}						GG											
55																		
								- becomes bleached pale greenish-grey; grainy appearance -> altered & rexstallized to sericite? 55.72 - 57.72 m										
56			10	SERICIC														
								- minor slip w. slickensides @ 57 m										
57																		
								57.72 - 60.48 m White quartz vein w. carbonate in upper part (to 58.80) & at bot. cpy is dissemnated throughout as spidery masses 2-3mm across (< 1%) tr PbS, Py.										
58	QV				Ca		W											
					Cpy				1868		-	-	10	18.2	305	1205	355	42
59					Cpy PbS													
									1869		-	-	3	6.9	83	1124	41	17
60					Cpy		W											
					Cpy													
								- footwall to vein is broken, sheared phyllite not altered as hanging wall.										
61	Le_{3p}						GG											
						Ca												
62							DGG	- phyllite becomes darker grey (carbonaceous?) w. py porphyroblasts @ 62.02 m										
63																		
64			50 f															
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-11 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA							
65	Lc_{3P}						DGG	Greenish grey phyllite cont'd.										
66																		
67								67.05 - 69.19 m Biohermal limestone										
68	Lc_{3B}					Ca	LG/M											
69								------END OF HOLE 69.19 m------										
70																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-12	Northing:	2716 N
Claim:	WHITE 45	Easting:	2353 E
Azimuth:	-	Elevation:	1660 m
Inclination:	-90°	Total Depth:	43.59 m

Interval	Geology	Significant Analyses	Au ppb	Ag ppm	As ppm
0 - 3.35	Overburden				
3.35- 7.84	Carbonaceous shale				
7.84- 9.45	Greenish-grey phyllite - brecciated				
9.45-11.80	Silt-banded limestone - brecciated				
11.80-14.00	Biohermal limestone				
14.00-16.20	Silt-banded limestone				
16.20-18.27	Biohermal limestone				
18.27-23.67	Silt-banded limestone				
23.67-25.10	Biohermal limestone				
25.10-34.50	Silt-banded limestone				
34.50-34.90	**Massive sulphide band**	33.9-35.0	230	16.2	8653
34.90-35.12	breccia				
35.12-35.50	**Massive sulphide band**	35.0-35.5	720	5.9	9027
35.50-36.50	Silt-banded limestone				
36.50-39.50	Argillaceous limestone				
39.50-42.60	Silt-banded limestone				
42.60-43.59	Argillaceous limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-12 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E STICK-UP 1.52 m PAGE No 1 of 5

TOTAL DEPTH 4 .59 m (143') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1660 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 08/93 FINISHED Sept. 09/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.35 m Overburden										
3.35	uЄOsl						BLK	3.35 - 7.84 m Black, laminated shale, locally w. white qtz veins										
7.84	LЄ4						Y/B PG BLK	7.84 - 14.53 m Brecciated/sheared zone - yellowish-brn, limonitic zone 7.84 - 8.38 m - after 8.38 m makes abrupt change into grey material, then at 6.95 to blk material										
	LЄ3						MG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-12 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 2 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL
10										
11	$L\epsilon_3$						MG/DG	- brecciated silt-banded lst 9.45 - 11.80 m ? 0.5 - 4 cm clasts of silt-banded lst to 11 then very clayey to 11.40 m - large lst blocks 11.80 - 12.10 m - pyritic frag's 12.10 - 12.20 m		
12	$L\epsilon_{3B}$				Py		LG/M	11.80 - 14.00 m Biohermal lst.? - blocky bx 12.20 - 14.00 m		
13										
14	$L\epsilon_3$						MG	14.00 - 16.20 m Silt-banded lst - pebbly bx: clasts 0.5-4cm diam. 14.33 - 14.53 m		
15										
16										
17	$L\epsilon_{3B}$						LG/M	16.20 - 18.27 m Biohermal lst		
18										
19	$L\epsilon_3$						MG	18.27 - 23.67 m Silt-banded lst very stylolitic - has undergone extensive pressure solution		
20										
21										

ASSAY & ANALYTICAL DATA							
Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-12 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 3 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
22	$L\epsilon_3$						MG	Silt-banded lst cont'd.										
23								- minor cave 22.80 m										
24	$L\epsilon_{3B}$						LG/M	23.67 - 25.10 m Biohermal lst										
25																		
26	$L\epsilon_3$						MG	25.10 - 34.50 m Silt-banded lst										
27																		
28																		
29																		
30																		
31	$L\epsilon_3$				Py PbS ZnS	Cc	MG	30.80 - 31.20 m White calc. vein w. py & wispy bands of amber ZnS; PbS.	1872		0.003	-	95	2.0	641	115	248	3556
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-12 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 4 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_3$					Qa	MG	Silt-banded limestone cont'd.										
33	$L\epsilon_{3P}$			Ox				- biohermal lst: 33.25 - 33.44 m - narrow(5 cm) limonitic zone w. yell-org. material @ 33.44										
34	$L\epsilon_3$							- wispy sulphide band w. py, aspy, Pbs, ZnS: 33.80 - 34.10 m 34.50 - 34.90 m massive py w. tr asp.	1870		0.007	-	230	16.2	8653	448	4272	1636
35	MS				Py Asp			- bx with white coarse calc. frag's in sulphide matrix	1871		0.021	-	720	5.9	9027	174	215	259
	MS				Py Asp			35.12 - 35.50 m massive py w. tr aspy										
36	$L\epsilon_3$					Qa	MG											
37	$L\epsilon_{3P}$		72			Qa	GG	36.50 - 39.50 m calcareous phyllite										
38						Qa												
39																		
40	$L\epsilon_3$		85				MG	39.50 - 42.60 m Silt-banded limestone										
41																		
42																		
43	$L\epsilon_{3P}$						GG	42.60 - 43.49 m (E.O.H.) Greenish grey phyllite										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-12 CLAIM WHITE 45 NORTHING 2716 N EASTING 2353 E ELEVATION 1660 m PAGE No 5 of 5

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	Le_{3p}						GG	greenish-grey phyllite cont'd.										
								End of Hole 43.49 m										
44																		
45																		
46																		
47																		
48																		
49																		
50																		
51																		
52																		
53																		
54																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-13	Northing:	2588 N
Claim:	WHITE 45	Easting:	2506 E
Azimuth:	000°	Elevation:	1700 m
Inclination:	-70°	Total Depth:	64.01 m

Interval	Geology	Significant Analyses	Au ppb	Ag ppm	As ppm
0 - 3.35	Overburden				
3.35-34.30	Greenish-grey phyllite				
34.30-46.80	Carb.-quartz-chlorite replacement zone	47.8-43.5	85	0.5	11163
46.80-49.42	Argillaceous limestone				
49.42-52.10	Biohermal limestone				
52.10-55.10	Argillaceous limestone				
55.10-58.10	Silt-banded limestone				
58.10-58.54	Biohermal limestone				
58.54-62.90	Silt-banded limestone				
62.90-63.90	Biohermal limestone				
63.90-64.01	Silt-banded limestone				

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588N EASTING 2506 E STICK-UP 1.83 PAGE No 1 of 6

TOTAL DEPTH 64.01 m (210') AZIMUTH 000° ANGLE OF HOLE -70° ELEVATION 1700 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept, 09/93 FINISHED Sept. 10/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.35 M Overburden										
1																		
2																		
3																		
4	$L\epsilon_4$						GG	3.35 - 34.30 m Greenish grey phyllite										
5																		
6																		
7																		
8		20																
9	$L\epsilon_4$						GG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588 N EASTING 2506 E ELEVATION 1700 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
	$L\epsilon_4$			OX	LIM		GG	Greenish-grey phyllite cont'd.										
11								- w. brnish sideritic zones										
12																		
13																		
14		27																
	$L\epsilon_4$						GG											
15																		
16																		
17																		
18																		
19																		
20		15																
	$L\epsilon_4$						GG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588 N EASTING 2506 E ELEVATION 1700 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
	$L\epsilon_4$						GG	Greenish-grey phyllite cont'd.										
22						Fe-Ca												
						35		- limonitic Fe-carb. vein @ 22.92 m 1 cm thick										
23																		
24																		
25						Fe-Ca												
	$L\epsilon_4$						GG											
26								- carbonate content of argillite appears to be increasing, manifesting itself as boudins & "grainy" layers @ 26.00 m										
27																		
28																		
29																		
30		65																
31																		
	$L\epsilon_4$						GG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588 N EASTING 2506 E ELEVATION 1700 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32																		
	$L\epsilon_4$						GG	Greenish-grey phyllite cont'd										
33																		
						Fe-Ca			1873		-	-	1	0.6	288	31	50	149
34																		
	CQC			CQC	Py 2% ... Py+ Po 5% ... Py+ Po 10% ... Py+ Po 5%		YG/M	34.30 to 46.80 m Carbonate-quartz-chlorite alt/ repl.	1874		-	-	1	0.4	78	163	7	14
35																		
36				CQC					1875		-	-	1	0.4	226	136	12	18
37				CQC														
38				CQC					1876		-	-	35	0.5	866	281	16	44
39				CQC	Py+ Po 15%			- 40% py in last 30 cm of interval	1877		-	-	1	0.5	75	119	7	31
					Py+ Po 5%													
40				CQC														
41				CQC	Py+ Po tr Cpy 5% ...				1878		-	-	1	0.4	167	100	7	15
42				CQC	Py+ Po 5%													
	CQC		25%		Py 10%		YG/M		1879		-	-	85	0.5	11163	93	14	10
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588 N EASTING 2506 E ELEVATION 1700 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	CQC			CQC	Asp 30% Py		YG/M	Carb.-quartz-chlorite repl. cont'd.	1879		-	-	85	0.5	11163	93	14	10
44					Py+ Asp			- fault @ 43 m, footwall side contains aspy, py + qtz across 10 cm "vein" - chloritic phyllite 43.30 - 44.00	1880		-	-	1	0.4	423	193	7	16
45					Po+ Py+ Asp			- Po as large 2 cm blebs.										
46				CQC	Po			- brecciated appearance w. chloritized frag's floating in coarse xstalline carb.	1881		-	-	1	0.3	145	84	8	16
47	$L\epsilon_{3P}$						GG	46.80 - 49.42 m Calcareous phyllite/greenish-grey phyllite (transitional to LC_3) numerous Fe-carb, qtz-carb veins transitional to CQC repl.										
48								- note isolated archeocyathids occur in mud here.										
49																		
50	$L\epsilon_{3B}$			Chl		Fe-Ca	LG/M	49.42 - 52.10 m Biohermal limestone										
51								- narrow phyllitic interval 50.80 - 51.30 m										
52				Chl														
53	$L\epsilon_{3P}$	25		Chl	Py		GG	52.10 - 54.86 m greenish-grey phyllite - CQC zone/vein 53.10 - 53.62 m										
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-13 CLAIM WHITE 45 NORTHING 2588 N EASTING 2506 E ELEVATION 1700 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	$L\epsilon_{3P}$						GG	Greenish-grey phyllite cont'd.										
55								- white calc. vein w. minor Fe-carb 54.86 - 55.10 m										
	$L\epsilon_{3B}$						LG/M	55.10 - 56.28 m Biohermal limestone										
56								56.28 - 58.10 m Silt-banded lst. w. local phyllitic sect's										
57	$L\epsilon_3$	38					MG/GG											
58	$L\epsilon_{3B}$							58.10 - 58.54 m Biohermal lst. w. irreg. patches of Fe-carb.										
59																		
	$L\epsilon_3$						MG	58.54 - 62.90 m Silt-banded lst.										
60																		
61																		
62		52																
63	$L\epsilon_{3B}$						LG/M	62.90 - 63.90 m Biohermal lst. 63.90 - E.O.H. Silt-banded lst.										
64	----------	---	---	---	---	---	---	----------End of Hole----------	---	---	-----	-----	-----	-----	-----	-----	-----	-----
65																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-14	Northing:	2541 N
Claim:	WHITE 45	Easting:	2506 E
Azimuth:	000°	Elevation:	1698 m
Inclination:	-70°	Total Depth:	69.80 m

Interval	Geology	Significant Analyses
0 - 2.44	Overburden	
2.44-36.45	Silt-banded limestone - with narrow biohermal lenses	
36.45-38.10	Biohermal limestone	
38.10-39.55	Silt-banded limestone	
39.55-40.95	Biohermal limestone	
40.95-43.00	Silt-banded limestone	
43.00-45.30	Biohermal limestone	
45.30-48.60	Silt-banded limestone	
48.60-55.20	Carb.-quartz-chlorite replacement zone with dissemin. sulphides	
55.20-58.14	Silt-banded limestone	
58.14-62.40	Carb.-quartz-chlorite zone - breccia structured	
62.40-64.48	Silt-banded limestone	
64.48-65.15	Carb.-quartz-chlorite zone	
65.15-66.85	Silt-banded limestone	
66.85-68.20	Biohermal limestone	
68.20-69.58	Silt-banded limestone	
69.58-69.80	Biohermal limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E STICK-UP 1.83 PAGE No 1 of 7

TOTAL DEPTH 69.80 m (229') AZIMUTH 000° ANGLE OF HOLE -70° ELEVATION 1698 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept.10/93 FINISHED Sept. 11/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 2.44 m Overburden										
1																		
2																		
3	$L\epsilon_3$						MG	2.44 - 11.28 m Silt-banded limestone										
4																		
5																		
6																		
7																		
8																		
9																		
10	$L\epsilon_3$						MG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
	Le_3						MG	Silt-banded limestone cont'd.										
11																		
	Le_{3B}						LG/M	11.28 - 11.90 m Biohermal lst										
12	Le_3						MG	- Silt-banded lst										
	Le_{3B}						LG/M	12.68 - 13.40 m Biohermal lst										
13																		
	Le_3					35	MG	13.40 - 36.45 m Silt-banded limestone										
14						Ca		- Calc. vein (1cm) irreg. brnish blotches either side -> siderite repl.										
15																		
16																		
17																		
18																		
19																		
20					tr. Py	Ca												
	Le_3						MG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
22								- White calcite matrix breccia (matrix supported?) 21.62 - 23.03										
23																		
24																		
25																		
26																		
	$L\epsilon_3$						MG											
27																		
28																		
29								- 15 cm qtz-calc. bx vein @ 29.00										
30																		
31																		
	$L\epsilon_3$						MG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
33																		
34			▽▽▽															
35								- irreg. calcite stringers										
36																		
37	$L\epsilon_{3B}$						LG/M	36.45 - 38.10 m Biohermal lst										
38																		
39	$L\epsilon_3$						MG	38.10 - 39.55 m Silt-banded limestone										
40	$L\epsilon_{3B}$						LG/M	39.55 - 40.95 m Biohermal limestone										
41	$L\epsilon_3$						MG	40.95 - 43.00 m Silt-banded limestone										
42					Py Po	58		- qtz-carb. veins w. py & tr. po 42.33 - 42.48 m										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_{3B}$						LG/M	43.00 - 45.30 m Biohermal limestone										
44																		
45																		
	$L\epsilon_3$				P_y/P_o		MG	45.30 - 48.60 m Silt-banded lst - pyritic qtz-carb. vein w. tr. Po @ 45.50 m	1882		-	-	13	0.3	34	37	5	8
46																		
47																		
48																		
49	CQC			CQC	Py		YG	48.60 - 55.20 m Carbonate-Quartz-Chlorite replacement zone - sulphide-rich portion ~20% 49.75 - 50.50 m	1883		-	-	1	0.5	1626	46	4	22
50					Py Po Asp													
51	CQC						YG		1884		-	-	1	0.6	334	34	4	19
52				Ox	Py			- partly oxidized section 52.00 - 53.00 m	1885		-	-	8	0.7	561	1	2	18
53					Py													
	CQC				Py/Po		YG		1886		-	-	15	0.4	152	20	3	15
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	CQC			CQC	Py		YG	Carb.-qtz-chl repl. zone cont'd	1887		-	-	29	0.4	187	9	2	14
55								55.20 - 58.14 m Silt-banded limestone w. numerous Calc. & Fe-carb. stringers										
56	Lc_3			Chl ?			MG											
57																		
58																		
	CQC						GG/ YG	58.14 - 62.40 m Carb.-qtz-chl repl. zone sect. is more of a breccia w. clasts of lst. cut by veins, stringers of Fe-carb., qtz, chl										
59																		
60									1888		-	-	1	0.4	32	70	4	14
61					Py Po tr. Cpy				1889		-	-	1	0.6	85	259	5	15
62																		
	Lc_3						MG	62.40 - 64.48 Silt-banded lst.										
63																		
64				CQC	Py/ Po			- CQC vein w. tr. py, po, cpy 63.71 - 63.88 m - CQC zone 64.48 - 65.15 m										
	CQC			CQC	Py/ Po				1890		-	-	14	0.3	181	187	4	12
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-14 CLAIM WHITE 45 NORTHING 2541 N EASTING 2506 E ELEVATION 1698 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65	cgc			cgc														
	$L\epsilon_3$	35					MG	65.15 -66.85 m Silt-banded lst - CQC stringers w. py, po, tr. cpy 65.53 - 66.03 m	1890		-	-	14	0.3	181	187	4	12
66																		
67	$L\epsilon_{3B}$						LG/M	66.85 - 68.20 M Biohermal lst										
68																		
	$L\epsilon_3$						MG	68.20 - 69.58 m Silt-banded lst										
69																		
	$L\epsilon_{3B}$						LG	69.58 - E.O.H. Biohermal lst End of Hole 69.80 m										
70																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-15	Northing:	2488 N
Claim:	WHITE 45	Easting:	2512 E
Azimuth:	020°	Elevation:	1697 m
Inclination:	-70°	Total Depth:	133.20 m

Interval	Geology	Significant Analyses
0 - 2.74	Overburden	
2.74- 5.20	Carb.-quartz-chlorite zone	
5.20- 6.80	Biohermal limestone	
6.80- 11.00	Silt-banded limestone	
11.00- 12.60	Biohermal limestone	
12.60- 13.33	Silt-banded limestone	
13.33- 16.55	Biohermal limestone	
16.55- 25.70	Silt-banded limestone	
25.70- 30.61	Biohermal limestone	
30.61- 38.33	Silt-banded limestone	
38.33- 40.00	Biohermal limestone	
40.00- 47.38	Silt-banded limestone	
47.36- 48.36	Biohermal limestone	
48.36- 56.80	Silt-banded limestone	
56.80- 62.00	Argillaceous limestone	
62.00- 64.05	Silt-banded limestone	
64.05- 66.95	Argillaceous limestone	
66.95- 69.70	Silt-banded limestone	
69.70- 72.86	Argillaceous limestone	
72.86- 76.50	Silt-banded limestone	
76.50- 86.75	Argillaceous limestone	
86.75- 91.10	Silt-banded limestone	
91.10-114.50	Argillaceous limestone	
114.50-117.60	Silt-banded limestone	
117.60-125.20	Argillaceous limestone	
125.20-130.95	Silt-banded limestone	
130.95-133.20	Argillaceous limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E STICK-UP 2.50 m PAGE No 1 of 13

TOTAL DEPTH 133.20 m (437') AZIMUTH 020° ANGLE OF HOLE -70° ELEVATION 1697 m CROSS SECTION _____

CHIPS STORED AT Property DATE BEGUN Sept. 11/93 FINISHED Sept. 14/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 2.74 m Overburden										
3	CQC			CQC	Py Po Cpy Py Po		YG RY	2.74 - 5.20 m Carb.- quartz-chlorite repl. zone limonitic & partly oxidized throughout, but some sect. w. sulphides preserved. - sect. contains ~2% py, po, w. tr. cpy.	1891		-	-	10	1.0	137	802	13	31
4									1892		-	-	9	1.0	182	992	9	36
6	Le_{3B}		30				LG/M	5.20 - 6.80 m Biohermal lst? upper part altered - chl?										
7	Le_3					30	MG	6.80 - 11.00 m Silt-banded lst										
9					Py			- fine-grained euhedral py appear'g 9.45 m										
10				CQC	Py			- incipent CQC w. py @ 9.60 m	1893		-	-	1	0.2	24	17	7	10

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 2 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	Lc_3			CQC			MG	Silt-banded lst cont'd. - w. incipent or weak CQC alt.	1893		-	-	1	0.2	24	17	7	10
11	Lc_{3B}			CQC	Py		LG/M	11.00 - 12.60 m Biohermal lst - 10% py w. incipent CQC 11.30 - 12.10 m	1894		-	-	1	0.3	135	115	10	5
12																		
13	Lc_3						MG	12.60 -13.33 m Silt-banded lst										
14	Lc_{3B}						LG/M	13.33 - 16.55 m Biohermal lst; limonitic patches throughout, esp @ 15.54 m	1895		-	-	1	0.2	46	63	3	10
15				Ox														
16																		
17	Lc_3					Co-Q	MG	16.55 - 25.70 m Silt-banded lst										
18																		
19																		
20						Co												
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 3 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	Lc_3						MG	Silt-banded lst cont'd.										
22						Fe-Ca		- irreg. Fe-carb.-qtz stringers, tr py 22.00 - 25.00 m										
23					Py													
24					Py													
25																		
26	Lc_{3B}				Py	Fe-Ca	LG/M	25.70 - 30.61 m Biohermal lst										
27																		
28					Py	Fe-Ca												
29																		
30																		
31	Lc_3						MG	30.61 - 38.33 m Silt-banded lst										
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 4 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_3$						MG	Silt-banded lst cont'd										
33																		
	$L\epsilon_{3B}$							- Biohermal band 33.70 - 34.00 m										
34					Py	Fe-Cu Q												
35																		
36	$L\epsilon_3$						MG											
37																		
38																		
39	$L\epsilon_{3B}$		20				LG/M	38.33 - 40.00 m Biohermal lst										
40								40.00 - 47.38 m Silt-banded lst										
41	$L\epsilon_3$						MG											
42																		
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 5 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
44																		
45					Py			- tr. dissem. diagentic? py										
46								- argillaceous bands last 30 cm										
47		50						47.38 - 48.36 m Biohermal limestone										
48	$L\epsilon_{3B}$						LG/M											
49	$L\epsilon_3$						MG	48.36 - 56.80 m Silt-banded limestone										
50																		
51																		
52																		
53		60						- argillaceous layers @ 53.40 m										
54	$L\epsilon_3$						MG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 6 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	$L\epsilon_3$						MG	Silt-banded limestone cont'd										
55																		
56																		
57								56.80 - 62.00 m Greenish-grey argillaceous lst.										
	$L\epsilon_{3P}$						GG	locally pyritic										
58		50																
59																		
60																		
61																		
62																		
	$L\epsilon_3$						MG	62.00 - 64.05 m Silt-banded lst										
63																		
64																		
	$L\epsilon_{3P}$						GG	64.05 - 66.95 m Calc. phyllite										
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 7 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65	Lc_{3P}						GG	Argillaceous limestone cont'd.										
66																		
67	Lc_3					Fe-Ca	MG	66.95 - 69.70 m Silt-banded lst.										
68						Fe-Ca												
69																		
70	Lc_{3P}						GG	69.70 - 72.86 m Argillaceous lst										
71																		
72			60															
73	Lc_3						MG	72.86 - 76.50 m Silt-banded lst.										
74					Py	Fe-Ca												
75																		
76																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 8 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
76	Le_3						MG	Silt-banded lst.										
77	Le_{3P}						GG	76.50 - 86.75 m Argillaceous limestone/calc. phyllite										
78																		
79																		
80																		
81			70															
	Le_{3P}						GG											
82																		
83																		
84																		
85																		
	Le_{3P}						GG											
86					Py			- py aggreg's @ 86.40, 86.75 m										
					Py													
87																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 9 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
87	Le_3						MG	86.75 - 91.10 m Silt-banded lst.										
88																		
89																		
90																		
91								91.10 - 114.50 m Calc. phyllite/arg. lst.										
	Le_{3p}		80				GG											
92																		
93																		
94																		
95																		
96																		
97	Le_{3p}						GG											
98																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
98								COMMENTS:										
	$L\epsilon_{3p}$						GG	Calcareous phyllite/arg. lst con'd.										
99																		
100								- narrow bioclastic bed 100.00 - 100.20 m										
101			67															
102																		
103																		
	$L\epsilon_{3p}$						GG											
104																		
105								- contorted bed w. qtz-calc. vein @ 105.00 m										
106																		
107						Q-Q												
108																		
	$L\epsilon_{3p}$	45					LG/M											
109																		

ASSAY & ANALYTICAL DATA

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 11 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
109								COMMENTS:										
	$L\epsilon_{3p}$						GG	Calc. phyllite/arg. lst cont'd.										
110																		
111																		
112		55						- steep to near vertical cleavage										
113																		
114	$L\epsilon_{3p}$						GG											
115	$L\epsilon_3$						MG	114.50 - 117.60 m Silt-banded lst.										
116																		
117																		
118	$L\epsilon_{3p}$						GG	117.60 - 125.20 m Calc. phyllite										
119																		
120																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 12 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
120	$L\epsilon_{3p}$						GG	Calc. phyllite cont'd.										
121																		
122																		
123																		
124																		
125																		
	$L\epsilon_3$						MG	125.20 - 130.95 m Silt-banded lst.										
126																		
127																		
128																		
129																		
130																		
	$L\epsilon_3$						MG											
131																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-15 CLAIM WHITE 45 NORTHING 2488 N EASTING 2512 E ELEVATION 1697 m PAGE No 13 of 13

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
131	Le_{3p}						GG	130.95 - 133.20 m Calc. phyllite										
132																		
133								End of Hole 133.20 m										
134																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-16	Northing:	2787 N
Claim:	WHITE 45	Easting:	2290 E
Azimuth:	000°	Elevation:	1650 m
Inclination:	-90°	Total Depth:	63.09 m

Interval	Geology	Significant Analyses
0 - 3.35	Overburden	
3.35-31.83	Greenish-grey phyllite	
31.83-35.66	Carb.-quartz-chlorite zone	
35.66-38.15	Biohermal limestone	
38.15-41.90	Silt-banded limestone	
41.90-59.00	Argillaceous limestone	
59.00-63.09	Silt-banded limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E STICK-UP 1.52 m PAGE No 1 of 6

TOTAL DEPTH 63.09 m (207') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1650 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 14/93 FINISHED Sept. 15/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: Broken & weathered ground to 9.45 m DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.35 m Overburden										
1																		
2																		
3																		
3.55	Le_4						PGG	3.55 - 31.83 m Greenish-grey phyllite										
4																		
5																		
6																		
7																		
7.70								- carb.-qtz-chl vein @ 7.70 m										
8																		
9																		
9	Le_4						PGG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E ELEVATION 1650 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	SAMPLE INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10																		
	$L\epsilon_4$						PGG	Greenish-grey phyllite cont'd										
11			40															
12																		
13					Py			- carb.-qtz-chl vein w. py @ 13.00										
					Py			- carb.-qtz-chl vein @ 13.44-13.78										
14																		
15																		
	$L\epsilon_4$						PGG											
16																		
17																		
18																		
								- narrow lght-grey mottled lst - bioclastic lense? 18.30-19.10 m										
19																		
20		56																
	$L\epsilon_4$		50				PGG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E ELEVATION 1650 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	$L\epsilon_4$						PGG	Greenish-grey phyllite cont'd. - thin-bedded to laminated										
22																		
23																		
24																		
25																		
26	$L\epsilon_4$						PGG											
27																		
28																		
29																		
30																		
31	$L\epsilon_4$						PGG	31.83. . .CQC see over										
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E ELEVATION 1650 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	CQC			CQC	Py Cpy			31.83 - 35.66 m Carbonate-quartz-chlorite replacement zone "metasomatite" - relatively unalt. lght gry mottled lst, brecciated?	1896		-	-	1	0.5	49	180	58	124
33																			
34	CQC			CQC	Po/Py Py/Po				1897		-	-	1	0.4	51	118	5	18
35																			
36	$L\epsilon_{3B}$				Py		LG/M	35.66 - 38.15 m lght gry mottled lst ->Biohermal?											
37																			
38																			
39	$L\epsilon_3$				Py		MG	38.15 - 41.90 m Silt-banded lst - cut by calc. stringers - CQC vein w. py 38.50 - 38.73 m - calc. matrix bx w. minor Fe-carb qtz, tr. py 39.32 - 41.35	1898		-	-	1	0.2	23	7	13	21
40																			
41					Py				1899		-	-	25	0.3	34	5	15	38
42	$L\epsilon_{3p}$						GG	41.90 - 59.00 m calc. phyllite/arg. lst											
43																			

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E ELEVATION 1650 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	$L\epsilon_{3P}$						GG	Calc. phyllite/arg. lst cont'd.										
44								- CQC vein @ 44.00-44.16 m										
45																		
46																		
					Py			- CQC vein, trends down C.A. before diverging; tr. py 46.40-47.70 m										
47	$L\epsilon_{3P}$						GG											
48																		
49			∿∿∿															
50																		
51																		
52								- irreg. Fe-carb. veins										
53																		
	$L\epsilon_{3P}$						GG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-16 CLAIM WHITE 45 NORTHING 2787 N EASTING 2290 E ELEVATION 1650 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	$L\epsilon_{3p}$				Py		GG	Calc. phyllite/arg. lst cont'd. - bx w. Fe-carb-qtz matrix, tr. py 54.13 - 54.78 m										
55																		
56			80															
57																		
58																		
59	$L\epsilon_{3p}$						LG/M	- phyllite becoming more calcareous w. distinct lst bands/boudin										
	$L\epsilon_3$						MG	59.00 - 63.09 m Silt-banded lst. w. odd py bleb & blobs.										
60																		
61																		
62					Py													
					Cpy			- thin fract. w. cpy & calc.@62.50										
63	$L\epsilon_3$				Py		MG	End of Hole 63.09 m										
64																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-17	Northing:	2830 N
Claim:	WHITE 47	Easting:	2087 E
Azimuth:	000°	Elevation:	1604 m
Inclination:	-90°	Total Depth:	69.19 m

Interval	Geology	Significant Analyses
0 - 3.05	Overburden	
3.05-11.75	Greenish-grey phyllite	
11.75-24.80	Carb.-quartz-chlorite zone	
24.80-45.73	Tuff??	
45.73-51.60	Carb.-quartz-chlorite zone	
51.60-64.20	Silt-banded limestone	
64.20-65.40	Carb.-quartz-chlorite zone	
65.40-66.55	Silt-banded limestone	
66.55-68.40	Biohermal limestone	
68.40-69.19	Silt-banded limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E STICK-UP 1.52 m PAGE No 1 of 7

TOTAL DEPTH 69.19 m (227') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1604 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 15/93 FINISHED Sept. 16/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 3.05 m Overburden										
1																		
2																		
3								3.05 - 11.75 m Greenish grey phyllite										
	Lc_4						PGG											
4			42															
5																		
6								- fold in colour bands/laminations										
7																		
8																		
9								- distinct pale green sect. ~0.5 m long below which is a more calc. sect. approaching silt-banded lst @ 9.00 m										
	Lc_4						PGG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	Lc_4		32				GG	Greenish grey phyllite										
11																		
12	CQC			CQC	Py3			11.75 - 24.80 m Carb.-Quartz-chl metasomatite - py: coarse grained clusters that appear to be disaggregating - rock consists of coarse carb. (white to pale yell.-brn) with tabular arg. clasts & larger clasts floating in carb. matrix see 14.02 m; qtz is last, filling cavities in carb.	1900		-	-	1	0.2	55	53	7	8
13																		
14									1901		-	-	1	0.1	15	8	2	5
15					Py Po													
16									1902		-	-	3	0.6	112	211	3	12
17	CQC			CQC	Py/ Po 10%		YG	- sulphide-rich sect. 16.33 - 17.50 py & po total ~10% starts off as fine wispy bands of py then goes into a sect. where coarse euhedral py are surrounded by po blobs which spread out into nets (inter connected); blobs (1-4 cm diam), then changes to more of a fract. or clast boundary controlled net of py w. po.										
18									1903		-	-	5	0.2	53	97	3	13
19					Py			- shear w. Py concentrated for 2 cm below shear @ 19.35 m										
20	CQC			CQC			YG	- lghter coloured alt. zone low sulphide content (<1%) 20.20 - 24.34 m	1904		-	-	1	0.3	62	37	12	22
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:										
21	CQC			CQC			YG	Carb.-Qtz-Chl metasomatite cont'd										
22																		
23									1905		-	-	1	0.2	62	33	6	15
24								- siliceous sect. cut by fine qtz stringers (1-2 mm thick) 23.61 - 24.10 m	1906		-	-	2	0.3	130	27	14	6
25					Py Py			24.10 - 24.30 m White qtz vein w. py selvage on footwall which is in contact w. phyllitic material(?) for a few cm, then into shear, then at 24.68 - 24.80 band w. massive py then another shear.	1907		-	-	22	0.4	300	49	24	7
26	$L\epsilon_{3T}$				Py Py		PG											
27		20						24.80 - 45.73 m Pale greenish gritty rock, banding shows grain size variation from silt - sand, but deformed = tuff?										
28								- Carb.-qtz band w. sect.s of massive py ~60% = vein or? 25.40 - 25.85 m										
29								- white qtz vein 29.16 - 30.17 m										
30						qtz												
31					Py			- bx v. w.blk chert frag's carb-qtz matrix & py 30.50 - 30.75 m										
32	$L\epsilon_{3T}$						PG	- similar material @ 31.80 - 32.20										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	$L\epsilon_{3T}$						PG	Tuff? cont'd - qtz-carb bx vein w. blk chert frag's, py, po & sericite selv. 32.72 - 34.00										
33				ser	Py/Po	qtz												
34																		
35								- unit has 10% white dolomite ? porphyroblasts to 3mm diam. 35.05 - 36.75 m										
36																		
37																		
38	$L\epsilon_{3T}$						PG											
39																		
40																		
41																		
42																		
43	$L\epsilon_{3T}$					Q/Ca	PG	- qtz-carb bx v. 42.24 - 43.23 m										

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
								COMMENTS:			ASSAY & ANALYTICAL DATA							
43																		
	Lc_{3T}				Py		PG	Tuff? cont'd - grey siliceous bx zone w. py & Fe-carb w. blk cht frag's 43.53 - 44.20										
44																		
45																		
46								45.73 - 51.60 m Qtz-carb-chl repl.: more siliceous than CQC rock; tr. py throughout with concentrations at: 46.75 47.85 - 48.00 50.20 - 50.35 - frag of tuff? 42.29 to 47.75 m										
	QCC			CQC	Py		G/M		1908		-	-	2	0.5	108	31	2	24
47																		
48				CQC	Py				1909		-	-	1	0.3	35	23	2	16
49																		
50																		
				CQC	Py Py				1910		-	-	1	0.1	39	19	2	14
51																		
52	Lc_3						MG	51.60 - 64.20 m Silt-banded limestone - numerous Fe-carb stringers down to 54.20 m, tr. py										
53																		
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	$L\epsilon_3$						MG	Silt-banded limestone cont'd.										
55																		
56																		
						Cc												
57																		
		48																
58																		
59						Cc												
	$L\epsilon_3$					Cc	MG	- peculiar pale orange clay band w. dissem. fine-grained py enclosed in silt-band - pale org. band is up to 0.5 cm thick @ 59.11 m										
60						Cc												
61																		
62			Δ Cc Δ Δ		Py			- Calc. bx vein w. tr. py 62.20 - 62.80 m										
					Py	Cc		- numerous Fe-carb stringers 62.80-64.20										
63																		
									1911		-	-	1	0.2	84	6	7	10
	$L\epsilon_3$					Fe-Cc	MG											
64																		
	CQC		Δ Δ Δ Δ	CQC	Py		YG	64.20 - 65.40 m Carbonate-Qtz-Chlorite metasomatite, tr. to 1% py throughout	1912		-	-	1	0.3	42	14	2	12
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-17 CLAIM WHITE 47 NORTHING 2830 N EASTING 2087 E ELEVATION 1604 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65	CQC							COMMENTS:	1912									
								65.40 - 66.55 m Silt-banded lst.										
66	$L\epsilon_3$						MG											
								66.55 - 68.40 m Biohermal lst										
67	$L\epsilon_{3B}$						LG/M											
68																		
								68.40 - 69.19 m Silt-banded lst										
69	$L\epsilon_3$						MG											
								End of Hole 69.19 m										
70																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-18	Northing:	2444 N
Claim:	WHITE 45	Easting:	2200 E
Azimuth:	-	Elevation:	1632 m
Inclination:	-90°	Total Depth:	74.98 m

Interval	Geology	Significant Analyses
0 - 4.27	Overburden	
4.27- 8.23	Greenish-grey phyllite - weathered	
8.23-17.78	Silt-banded limestone	
17.78-24.75	Biohermal limestone - partially altered to CQC & brecciated	
24.75-27.74	Carb.-quartz-chlorite zone	
27.74-32.60	Biohermal limestone	
32.60-34.10	Silt-banded limestone	
34.10-35.36	Biohermal limestone	
35.36-37.45	Silt-banded limestone	
37.45-38.20	Biohermal limestone	
38.20-40.50	Carb.-quartz-chlorite zone	
40.50-48.55	Silt-banded limestone	
48.55-49.65	Biohermal limestone	
49.65-55.50	Silt-banded limestone	
55.50-56.80	Biohermal limestone	
56.80-58.94	Silt-banded limestone	
58.94-60.50	Biohermal limestone	
60.50-61.08	Silt-banded limestone	
61.08-62.79	Biohermal limestone	
62.79-68.80	Silt-banded limestone	
68.80-69.56	Biohermal limestone	
69.56-73.27	Silt-banded limestone	
73.27-74.05	Biohermal limestone	
74.05-74.98	Silt-banded limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E STICK-UP 1.52 m PAGE No 1 of 7

TOTAL DEPTH 74.98 m (246') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1632 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept.16/93 FINISHED Sept. 17/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 4.27 m Overburden										
4	$L\epsilon_4$						B	4.27 - 8.23 m Phyllite: weathered, brwnish										
8	$L\epsilon_3$		∿∿∿		Py		MG	8.23 - 17.78 m Silt-banded limestone core broken to 12.40 m - shear w. py frag's in gouge										
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 2 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	$L\epsilon_3$						MG	Silt-banded limestone cont'd										
11																		
12								- core sheared or brecciated; coarser bx down to 15.50; 12.40-14.17										
13																		
14																		
15					Py													
16																		
17	$L\epsilon_3$						MG											
18	$L\epsilon_{3B}$			CQC	Py		LG/M	17.78 - 24.75 m Biohermal lst - brecciated app. - pyritic sect. 18.55 - 20.60 m incipient CQC alt.										
19				CQC	Py				1913		-	-	1	0.1	66	28	2	12
20				CQC	Py													
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 3 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY
21								COMMENTS:
22	$L\epsilon_{3B}$			CQC	Py/Po Py		LG/M	Biohermal lst cont'd. - CQC alt. w. py & po 21.60 - 22.08
23			f					
24								
25	CQC			CQC	Py			24.75 - 27.74 m Carb.-qtz-chlorite metasomatite 3-5% combined py/po, bx struct.
26				CQC	Py/Po			
27				CQC	Py/Po Py/Po			
28	$L\epsilon_{3B}$						LG/M	27.74 - 32.60 m Biohermal lst
29								
30								
31					Py			- wh. calc. 15 cm, then into Bx w. Fe-carb.-qtz-chl tr. py 30.60 - 32.00 m.
32								

SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA							
		Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
1914		-	-	2	0.2	17	9	2	8
1915		-	-	1	0.3	44	40	2	11
1916		-	-	1	0.2	34	46	2	12

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 4 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32	Lc_{3B}						LG/M	Biohermal limestone cont'd										
33	Lc_3		f			Ca	MG	32.60 - 34.10 m Silt-banded lst. - very distrupted - by pressure solution?; bx & Ca veining										
34	Lc_{3B}		? f				LG/M	34.10 - 35.36 m Biohermal lst.										
35						Fe-Ca												
36	Lc_3		Ca				MG	35.36 - 37.45 m Silt-banded lst - Ca matrix bx @ 36.00										
37						Fe-Ca												
38	Lc_{3B}				Py			37.45 - 38.20 m Biohermal lst - incipient CQC @ 37.70 m										
39	CQC			CQC	Py		YG/M	38.20 - 40.50 m intense CQC alt. - 2-3% py 39.00 - 40.50	1917		-	-	1	0.1	14	5	2	5
40					Py				1918		-	-	1	0.4	102	12	4	5
41	Lc_3				Py	Fe-Ca	MG	40.50 - 48.55 m Silt-banded lst										
42				CQC	Py	Fe-Ca												

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 5 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43	$L\epsilon_3$	53					MG	Silt-banded lst										
44								- 30 cm bioclastic band @ 44.19 m										
45								- bioclastic band @ 45.18-45.50 m										
46																		
47			▵▽▵▽	CQC	Py	Fe-Ca		- bx-CQC vein @ 47.20 - 47.30 m										
48	$L\epsilon_3$						MG											
49	$L\epsilon_{3B}$				Py	Fe-Ca	LG/M	48.55 - 49.65 m Biohermal lst										
50	$L\epsilon_3$						MG	49.65 - 55.50 m Silt-banded lst.										
51																		
52		58																
53	$L\epsilon_3$						MG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 6 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	Le_3						MG	Silt-banded limestone										
55																		
	Le_{3B}						LG/M	55.50 - 56.80 m Biohermal lst										
56																		
	Le_3						MG	56.80 - 58.94 m Silt-banded lst.										
57																		
58																		
	Le_{3B}						LG/M	58.94 - 60.50 m Biohermal lst										
59																		
60																		
	Le_3	38					MG	60.50 - 61.08 m Silt-banded lst.										
61																		
	Le_{3B}						LG/M	61.08 - 62.79 m Biohermal lst										
62																		
63	Le_3						MG	62.79 - 68.80 m Silt-banded lst.										
			△▽△															
64																		
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-18 CLAIM WHITE 45 NORTHING 2444 N EASTING 2200 E ELEVATION 1632 m PAGE No 7 of 7

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65																		
	$L\epsilon_3$						MG	Silt-banded lst cont'd.										
66					Po/ Py			- CQC vein w. po, py 1 cm thick @ 66.13 m										
								- similarly oriented vein as above w. distinct footwall calc. bx, veined & disrupted to 68; 66.50-66.80										
67																		
68																		
								68.80 - 69.56 m Biohermal lst.										
69	$L\epsilon_{3B}$						LG/ M											
								69.56 - 73.27 m Silt-banded lst.										
70	$L\epsilon_3$				Py		MG	- bx w. wh. calc. matrix 69.97 - 70.72, some sect's show fine (<1cm) frag's others large frag's to 5 cm supported in calc., tr. py										
71								- open calcite vein										
72																		
73																		
	$L\epsilon_{3B}$						LG/ M	73.27 - 74.05 m Biohermal lst.										
74	$L\epsilon_3$						MG	74.05 - 74.98 m Silt-banded lst.										
75	-------	---	---	---	---	---	---	----------End of Hole----------	---		-----	-----	-----	-----	-----	-----	-----	-----

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-19	Northing:	2290 N
Claim:	WHITE 94	Easting:	2332 E
Azimuth:	-	Elevation:	1594 m
Inclination:	-90°	Total Depth:	64.92 m

Interval	Geology	Significant Analyses
0 - 2.74	Overburden	
2.74-25.80	Tuff??	
25.80-33.05	Biohermal limestone	
33.05-39.26	Silt-banded limestone	
39.26-42.50	Biohermal limestone	
42.50-44.80	Silt-banded limestone	
44.80-47.55	Biohermal limestone - altered?	
47.55-51.45	Tuff??	
51.45-53.05	Biohermal limestone - altered?	
53.05-56.38	Silt-banded limestone	
56.38-63.60	Agrillaceous limestone	
63.60-64.92	Silt-banded limestone - bioclastic bed at 64.20	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E STICK-UP 1.52 m PAGE No 1 of 6

TOTAL DEPTH 64.92 m (213') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1594 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 17/93 FINISHED Sept. 18/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 2.74 m Overburden										
1																		
2																		
3	$L\epsilon_{3T}$						BRN	2.74 - 25.80 m brownish weathering, pale greenish calcareous rx; granular see sim. unit in DDH 93-17 = tuff? - locally w. calc./carb augen 2-3 mm diam. - contains dissem. fine-grained py											
4																		
5																		
6																		
7							PG											
8																		
9	$L\epsilon_{3T}$																	
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E ELEVATION 1594 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10	Lc_{3T}						PG	Pale greenish tuff? cont'd										
11																		
12																		
13																		
14																		
15																		
	Lc_{3T}						PG											
16																		
17																		
18																		
19																		
20																		
	Lc_{3T}						PG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E ELEVATION 1594 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	LC_{3T}						PG	Pale greenish tuff? cont'd.										
22																		
23																		
24																		
25								- contact is steep ~20° to C.A. w. med. gry lst clasts in pale cryst matrix; tr. py										
								25.80 - 33.05 m										
26	LC_{3B}				Py		PG/YG	Biohermal lst?: pale gry & pale yell.-brn mottled lst. looks like bleached biohermal lst.	1919		-	-	1	0.4	21	17	67	18
27																		
28																		
29			▽△▽	cQc	Py			- 15 cm bx carb-qtz-chl v. w. tr. py @ 28.65	1920		-	-	1	0.4	13	4	8	10
30																		
31	CQC		△◁△◁△	CQC	Py/Po			- carb-qtz-chl bx zone tr. py, po @ 30.75 - 31.70 m	1921		-	-	1	0.2	17	9	2	16
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E ELEVATION 1594 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32																		
	$L\epsilon_{3B}$						PG/M	pale, mottled biohermal lst con't.										
33																		
	$L\epsilon_3$						MG	33.05 - 39.26 m Silt banded lst.										
34						C_a												
35						C_a $Fe-C_a$												
36						C_a												
37																		
38					Py			- limonitic zone @ 38.30 - 38.50 m - phyllitic band marks contact.										
39																		
	$L\epsilon_{3B}$						LG/M	39.26 - 42.50 m Biohermal lst.										
40																		
					Py													
41					Py/Ox													
42																		
	$L\epsilon_3$						MG	42.50 - 44.80 m Silt-banded lst										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E ELEVATION 1594 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	$L\epsilon_3$					X Y Cc	MG	Silt-banded lst.										
44				Ox														
45	$L\epsilon_{3B}$						PG/M	44.80 - 47.55 m Bleached looking, pale grey, mottled lst w. brnish & yell.- brn patches = biohermal lst? - locally limonitic/oxide patches										
46				Ox														
47				Chl	Py													
48	$L\epsilon_{3T}$						PG	47.55 - 51.45 m Greenish calcareous rock as in top of hole (2.74 - 25.80) = sill/tuff? could be Miss. age?? syenitic material?										
49																		
50																		
51																		
52	$L\epsilon_{3B}$ / $L\epsilon_{3T}$			Chl	Py		PG/M	51.45 - 53.05 m Pale grey mottled lst ~1% dissem. Py - greenish rock @ 52.10 - 52.30										
53																		
	$L\epsilon_3$	80					MG	53.05 - 56.38 m Silt-banded lst.										
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-19 CLAIM WHITE 94 NORTHING 2290 N EASTING 2332 E ELEVATION 1594 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	$L\epsilon_3$						MG	Silt-banded lst. cont'd.										
55																		
56																		
	$L\epsilon_{3P}$						GG	56.38 - 63.60 m Greenish grey calcareous phyllite										
57																		
58																		
59																		
60		45				Qz												
61			Δ◁Δ		Py	Fe-Qz		- silt-banded interval 61.50 - 61.82 m										
62		45																
63																		
	$L\epsilon_3$						MG	63.60 - 64.20 m Silt-banded lst										
64								64.20 - 64.55 m Bioclastic bed										
	$L\epsilon_{3B}$					Fe-Qz		64.55 - 64.92 m Silt-banded lst										
	$L\epsilon_3$						MG	End of Hole 64.92 m										
65																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-20	Northing:	2331 N
Claim:	WHITE 94	Easting:	2042 E
Azimuth:	-	Elevation:	1550 m
Inclination:	-90°	Total Depth:	59.44 m

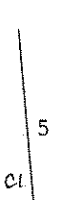
Interval	Geology	Significant Analyses
2.44	Overburden	
2.44-14.40	Silt-banded limestone	
14.40-23.47	Argillaceous limestone	
23.47-24.83	Tuff??	
24.83-28.80	Silt-banded limestone	
28.80-37.35	Argillaceous limestone	
37.35-38.06	Biohermal limestone	
38.06-43.30	Silt-banded limestone	
43.30-49.85	Argillaceous limestone	
49.85-59.44	Biohermal limestone	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 N STICK-UP 1.52 M PAGE No 1 of 6

TOTAL DEPTH 59.44 m (195') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1550 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 19/93 FINISHED Sept. 20/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 2.44 m Overburden										
1																		
2																		
3	Le_3						MG	2.44 - 14.40 m Silt-banded lst										
4																		
5																		
6																		
7		50																
8																		
9																		
10	Le_3						MG											

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 E ELEVATION 1550 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
	$L\epsilon_3$					Cc-Q Cc-Q	MG	Silt-banded lst cont'd										
14																		
15	$L\epsilon_{3p}$	30					GG	14.40 - 23.30 m Greenish-grey calcareous phyllite										
16																		
17						Cc-Q Cc-Q												
18																		
19																		
20		58																
	$L\epsilon_{3p}$						GG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 E ELEVATION 1550 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	$L\epsilon_{3P}$						GG	Greenish-grey calc. phyllite cont'd										
22																		
23								23.30 - 23.47 m Wh. calc.-qtz vein										
								23.47 - 24.83 m										
24	$L\epsilon_{3T}$						PG	Pale greenish tuff?/syenitic sill see 93-19										
25	$L\epsilon_3$						PG	24.83 - 28.80 m Silt-banded lst: bleached to 28										
26																		
27		30																
28							... MG											
								28.80 - 37.35 m										
29	$L\epsilon_{3P}$						GG	Greenish-grey calc. phyllite										
30								- irreg. calc.-qtz vein @ 30.00 m										
31																		
32																		

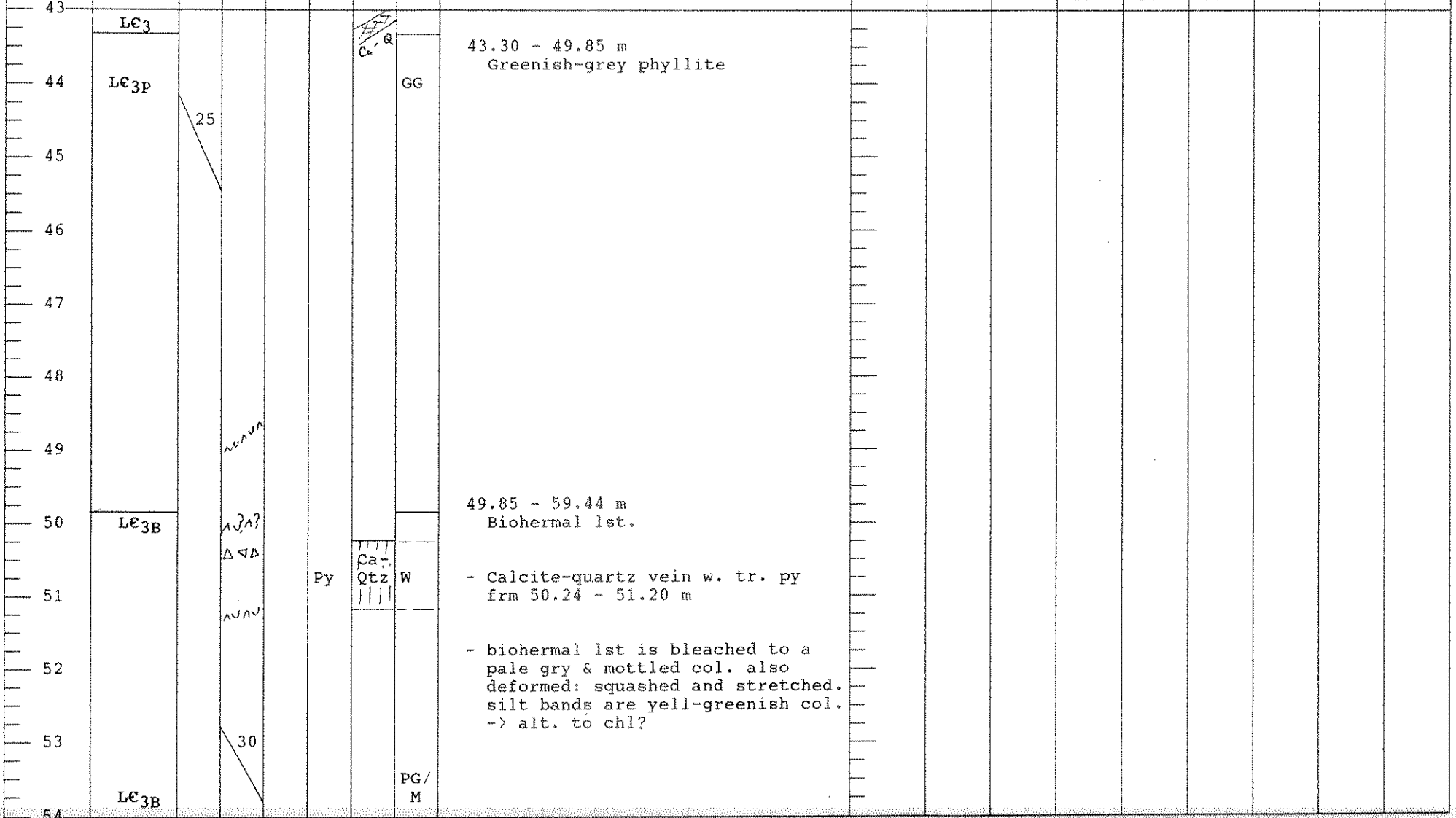
KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 E ELEVATION 1550 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32		32				Qz-Q	GG	Greenish-grey calc. phyllite cont'd										
33	Lc_{3P}							- broken core -> shear? 32.80 - 33.50 m										
34																		
35																		
36					Py			- fine-grained py porphyroblasts @ 36.00										
37				Ox		Qz-Q												
38	Lc_{3B}						LG/M	37.35 - 38.06 m Biohermal Lst.										
39	Lc_3						MG	38.06 - 43.30 m Silt-banded lst										
40		25																
41																		
42						Qz												
43						Qz												

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 E ELEVATION 1550 m PAGE No 5 of 6



COMMENTS:

DESCRIPTIVE GEOLOGY

43.30 - 49.85 m
Greenish-grey phyllite

49.85 - 59.44 m
Biohermal lst.

- Calcite-quartz vein w. tr. py frm 50.24 - 51.20 m

- biohermal lst is bleached to a pale gry & mottled col. also deformed: squashed and stretched. silt bands are yell-greenish col. -> alt. to chl?

SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm

ASSAY & ANALYTICAL DATA

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-20 CLAIM WHITE 94 NORTHING 2331 N EASTING 2042 E ELEVATION 1550 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	$L\epsilon_{3B}$						PG/M	Pale grey biohermal lst cont'd. to E.O.H.										
55																		
56																		
57																		
58																		
59																		
								End of Hole 59.44 m										
60																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-21	Northing:	3693 N
Claim:	WHITE 11	Easting:	4561 E
Azimuth:	-	Elevation:	1510 m
Inclination:	-90°	Total Depth:	57.00 m

Interval	Geology	Significant Analyses
0 - 1.83	Overburden	
1.83-22.20	Laminated, black limestone	
22.20-28.04	Carb.-quartz-chlorite zone	
28.04-29.38	Black, carbonaceous phyllite	
29.38-31.30	limestone	
31.30-57.00	Light greenish-grey phyllite	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E STICK-UP 1.22 PAGE No 1 of 6

TOTAL DEPTH 57.00 m (187') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1510 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 21/93 FINISHED Sept. 22/93 LOGGED BY C. G. Verley

COMMENTS:

Core broken to 8 m.

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 to 1.83 Overburden										
2	$L\epsilon_1$						DG	1.83 to 22.20 m Dark grey to black, laminated finely crystalline limestone, locally stylolitic.										
4			Δ Ca Δ					4.00 to 7.50 Bx with rock frag matrix and white calcite matrix.										
6	$L\epsilon_1$		Δ Ca Δ				DG											
8								Bedding orientation as defined by laminations changes rapidly -> folding? or collapse struct.										
9	$L\epsilon_1$						DG											
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E ELEVATION 1510 m PAGE No 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								COMMENTS:										
	Le_1						DG	Carbonaceous limestone cont'd.										
11																		
12																		
13						Ca-Q		- Calc.-qtz vein 13.25 - 13.65 m										
14																		
15																		
	Le_1						DG											
16								- Calc.-qtz vein, 13 cm @ 16.40 m										
17		45																
18						Ca-Q		- Calc.-qtz vein @ 18.29 - 18.65 m										
19				CQC	Po/Py	C/Q/C		- Carb.-qtz-chl vein w. Po & Py @ 19.03 - 19.28 m										
20																		
	Le_1						DG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E ELEVATION 1510 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21								COMMENTS:										
	LC1				Py		DG	21.38 - 21.88 m Carb.-qtz w. minor chl & seric.? tr py/po										
22								21.88 - 22.20 m LC1 w. py/po dissem. then bx zone w. CQC matrix										
23	CQC			CQC	Py/Po		G/M	22.20 - 28.04 m Carb-qtz-chlorite alt/repl. - irreg patches of green chl @ 22.6	1922		-	-	1	0.7	85	105	5	15
24								- intense alt. to CQC w. 20% Py/Po 23.77 - 25.55 m	1923		-	-	1	0.7	38	321	2	28
25				CQC	Py/Po 20%		G/M											
26									1924		-	-	1	0.3	241	344	2	20
27					Py/Po				1925		-	-	1	0.3	10	151	8	33
28					Py/Po		G/M											
	PC	70 f					BLK	28.04 - 29.38 m Black carbonaceous phyllite; laminated										
29																		
30							MG	29.38 - 31.30 m limestone med. grey laminated to thin-bedded & wavey bedded.										
31																		
							LGG	31.30 - 57.00 m (E.O.H.) Light greenish grey phyllite w. py porphyroblasts										
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E ELEVATION 1510 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY (COMMENTS:)	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32																		
	PC						LGG	Light greenish-grey phyllite cont'd										
33																		
34																		
35			62/f															
36																		
37																		
	PC						LGG											
38																		
39																		
40						Fe-C.												
41			60/f															
42																		
	PC						LGG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E ELEVATION 1510 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43								COMMENTS:										
	Pc					Q-chl	LGG	Light greenish-grey phyllite con'd.										
44								- qtz-chl vein 43.05 - 43.75 m										
			70 f															
45																		
46																		
47					Py	Q												
48																		
	Pc						LGG											
49																		
50			53 f															
51																		
52																		
53																		
	Pc						LGG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-21 CLAIM WHITE 11 NORTHING 3693 N EASTING 4561 E ELEVATION 1510 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54								COMMENTS:										
	Pε		~~~				LGG	Light greenish-grey phyllite cont'd										
55								- shear @ 54.60 m										
							PG	- quartz-muscovite phyllite; pale grey; 54.85 - E.O.H.										
56																		
57	---	---	---	---	---	---	---	---End of Hole 57.00 m ---	---	---	---	---	---	---	---	---	---	---
58																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT
Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-22	Northing:	3649 N
Claim:	WHITE 11	Easting:	4523 E
Azimuth:	-	Elevation:	1523 m
Inclination:	-90°	Total Depth:	57.00 m

Interval	Geology	Significant Analyses
0 - 10.36	Overburden	
10.36-57.00	Light greenish-grey phyllite	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E STICK-UP 1.52 PAGE No 1 of 6

TOTAL DEPTH 57.00 m (187') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1523 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 22/93 FINISHED Sept. 23/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							COMMENTS: Cased to 3.66. Broken core to 10.36 m - cored boulders of LC_3 & LC_{3B}. DESCRIPTIVE GEOLOGY: 0 - 10.36 m Overburden										
1																		
2																		
3																		
4																		
5																		
5	OB																	
6																		
7																		
8																		
9																		
9	OB																	
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E ELEVATION 1523 m PAGE 2 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10								10.36 TO E.O.H										
	PC						LGG	Light greenish-grey, laminated phyllite. Locally with pale green silt/sand bands or sections of alternating silt-sand bands.										
11		52°																
12																		
13																		
14																		
15																		
	PC						LGG											
16																		
17		65°						Sand-silt bands										
18						Cc-Q												
19																		
	PC		~\/\/\/				LGG											
20																		
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E ELEVATION 1523 m PAGE No 3 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY (COMMENTS:)	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21	PC						LGG	Light greenish-grey laminated phyllite con'd.										
22																		
23																		
24																		
25																		
26	PC		60°				LGG											
27						Q-Ch!												
28																		
29								Coarse Py porphyroblasts ~28 to 31										
30																		
31	PC		72°				LGG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E ELEVATION 1523 m PAGE No 4 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32								COMMENTS:										
	PC						LGG	Light greenish-grey laminated phyllite con'd.										
33								33.30 to 33.43 Carb-qtz-chl vein with similar stringers approx. 1 m into footwall and hanging wall side										
34																		
			80°															
35																		
36																		
37								Folds in colour bands										
	PC						LGG											
38																		
38																		
40																		
41								41.30 broken core -> shear?										
42																		
	PC						LGG											
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E ELEVATION 1523 m PAGE No 5 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43								COMMENTS:										
	Pc		70°				LGG	Light greenish-grey laminated phyllite con'd.										
44																		
45						Q-Qz / chl												
46								45.60 to 45.75 Qtz-carb-chl vein										
		63°						46.20. . .paler coloured quartzose bands appear in section.										
47																		
48																		
	Pc						LGG											
49																		
		60°																
50																		
51																		
52																		
53																		
	Pc					Q.	LGG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-22 CLAIM WHITE 11 NORTHING 3649 N EASTING 4523 E ELEVATION 1523 m PAGE No 6 of 6

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	DESCRIPTIVE GEOLOGY (COMMENTS:)	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	Pε						LGG	Light greenish-grey laminated phyllite con'd.										
55																		
			73°															
56																		
57								-----End of Hole 57.00 m ----------										
58																		
59																		
60																		
61																		
62																		
63																		
64																		
65																		

DIAMOND DRILL SUMMARY LOG

KETZA PROJECT

Coultier Creek area, NTS 105F/9, Watson Lake Mining District, Yukon

Hole No.:	93-23	Northing:	3712 N
Claim:	WHITE 11	Easting:	4534 E
Azimuth:	-	Elevation:	1510 m
Inclination:	-90°	Total Depth:	78.95 m

Interval	Geology	Significant Analyses
0 - 10.97	Overburden	
10.36-78.94	Light greenish-grey phyllite	

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E STICK-UP 1.52 m PAGE No 1 of 8

TOTAL DEPTH 78.94 m (259') AZIMUTH - ANGLE OF HOLE -90° ELEVATION 1510 m CROSS SECTION

CHIPS STORED AT Property DATE BEGUN Sept. 23/93 FINISHED Sept. 24/93 LOGGED BY C. G. Verley

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: Cased to 2.74 m broken core to 10.97 overburden boulders &/or weathered rock to 10.97 m DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA							
											Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0	OB							0 - 10.97 m Overburden										
1																		
2																		
3																		
4																		
5	OB																	
6																		
7																		
8																		
9	OB																	
10																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 2 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
10																		
	OB																	
11	---	---	---	---	---	---	---											
	PC						LGG	10.97 - 78.94 m (E.O.H.) Light greenish-grey laminated phyllite										
12																		
13																		
14																		
15																		
	PC						LGG											
16																		
17																		
18		60																
19								- quartzose bands, shattered and creamy to rusty; some open fract. 18.60 - 19.50 m										
20																		
	PC						LGG											
21																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 3 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
21																		
	Pc						LGG	Light greenish-grey phyllite										
22								- broken, rusty-brn core, shattered quartzite band? 21.40 - 22.00 m										
23																		
24																		
25																		
26																		
	Pc						LGG											
27																		
28																		
								- quartzite bands - 28.50 - 30.50 m										
29		68						- quartzite bands increasing down section										
30																		
31																		
	Pc						LGG											
32																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 4 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
32																		
	PC						LGG	Light greenish grey phyllite cont'd										
33																		
34		74																
35																		
36																		
37																		
	PC						LGG											
38																		
39																		
40																		
								- quartzite bands 30 - 40 cm thick										
41																		
		65																
42																		
	PC						LGG	- shattered & silica cemented qtzite band: 42.50 - 43.00 m										
43																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 5 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
43																		
	PC						LGG	Light greenish grey phyllite cont'd										
44																		
45		55																
46																		
47																		
48																		
	PC						LGG											
49																		
50		55																
51																		
52																		
53																		
	PC						LGG											
54																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 6 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: / DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54																		
	PC						LGG	Light greenish-grey phyllite cont'd w. interbedded quartzite										
55																		
56																		
57																		
58		50																
59																		
	PC						LGG											
60																		
61																		
62																		
63		55																
64																		
	PC						LGG											
65																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 7 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA: Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
65																		
	PC						LGG	Light greenish-grey phyllite con'd.										
66																		
67																		
		52																
68																		
69																		
70																		
	PC						LGG											
71								- more massive quartzite beds in section. . . quartzite w. interbedded phyllite to end of hole										
72																		
73																		
74																		
75					Py			- carb.-qtz bx vein w. tr py 74.78 -74.96 m										
	PC						LGG											
76																		

KETZA PROJECT - DIAMOND DRILL RECORD

HOLE No. 93-23 CLAIM WHITE 11 NORTHING 3712 N EASTING 4534 E ELEVATION 1510 m PAGE No 8 of 8

DEPTH	LITHOLOGY	BEDDING	STRUCTURE	ALTERATION	MINERAL	VEINING	COLOUR	COMMENTS: DESCRIPTIVE GEOLOGY	SAMPLE No	INTERVAL	ASSAY & ANALYTICAL DATA Au oz/t	Ag oz/t	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
76																		
	PC						LGG	Light greenish-grey quartzite w. interbedded phyllite cont'd.										
77																		
78		65																
79								End of Hole 78.94 m										

APPENDIX B

ASSAY AND ANALYTICAL DATA

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604)522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION SERVICES
Project: Ketza
Sample Type: Cores

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm. *Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

Analyst RSan
Report No. 9380778
Date: October 05, 1993

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
1801	2	971	280	199	5.9	29	13	500	12.67	12549	9	ND	4	59	2.7	33	11	2	5.24	.027	12	23	2.57	28	.01	2	.44	.01	.08	3	180
1802	3	153	71	130	1.5	38	19	330	3.61	992	17	ND	10	87	.8	14	2	2	7.84	.091	28	21	3.87	20	.01	5	.33	.01	.11	1	28
1803	2	144	218	124	3.1	32	13	464	7.76	1986	14	ND	6	68	.3	13	4	2	7.47	.042	15	24	4.26	17	.01	4	.25	.01	.10	1	35
1804	1	11	42	18	1.3	25	12	775	4.37	2731	17	ND	4	130	.2	5	2	2	14.41	.042	17	18	4.02	16	.01	6	.23	.01	.09	2	34
1805	1	32	15	27	1.0	29	19	2786	7.18	53	19	ND	4	209	.2	7	2	2	18.19	.023	6	18	1.46	16	.01	6	.17	.01	.08	2	4
1806	1	273	98	120	4.1	25	10	557	20.78	27607	5	ND	2	101	.4	44	6	2	4.93	.009	2	26	.33	6	.01	5	.19	.01	.05	2	1240
1807	1	21	295	7	2.1	23	14	1314	6.21	518	12	ND	3	287	.2	3	6	2	17.34	.019	6	15	1.07	16	.01	5	.20	.01	.11	2	14
1808	1	4	10	15	.6	9	6	1896	6.27	17	9	ND	2	122	.2	2	2	4	18.22	.013	4	47	.71	6	.01	5	.47	.01	.01	2	1
1809	1	14	11	8	.7	5	5	2838	6.89	443	5	ND	2	171	.2	2	2	2	27.08	.006	7	12	.72	6	.01	6	.16	.01	.01	2	1
1810	1	26	6	2	.5	4	3	2512	5.01	348	6	ND	2	182	.2	2	2	2	26.85	.006	6	12	.65	5	.01	8	.07	.01	.01	1	1
1811	1	1	6	4	.7	4	2	956	1.66	14	12	ND	2	128	.2	2	2	2	17.72	.042	11	32	.26	13	.01	9	.21	.01	.09	1	1
1812	1	46	18	6	2.4	19	14	3704	15.35	3094	13	ND	2	114	.2	8	2	2	10.55	.007	2	24	2.39	6	.01	3	.05	.01	.02	1	157
1813	1	22	4	4	1.0	17	9	4244	10.70	181	8	ND	2	127	.2	2	2	2	13.95	.016	2	29	2.52	5	.01	6	.06	.01	.04	1	5
1814	1	15	7	7	.8	11	7	3502	7.58	1604	6	ND	2	150	.2	2	2	2	22.14	.016	2	12	2.19	5	.01	5	.07	.01	.02	1	14
1815	1	2	7	2	.7	6	4	1491	3.38	2611	9	ND	2	107	.2	10	2	2	31.84	.010	2	9	.90	7	.01	5	.07	.01	.02	1	10
1816	1	8977	1169	443	38.6	8	5	909	25.46	38457	10	ND	2	75	3.0	1201	53	2	5.12	.005	2	17	.78	4	.01	5	.06	.01	.02	1	530
1817	1	80	187	341	2.5	9	5	1574	7.37	13228	17	ND	2	238	.5	36	4	2	23.79	.007	5	12	.48	11	.01	3	.11	.01	.02	2	140
1818	1	7	13	3	.5	4	2	1262	1.99	428	5	ND	2	135	.2	4	2	2	30.47	.014	2	42	.24	7	.01	5	.04	.01	.01	1	1
1819	1	11	13	12	.7	20	17	1742	5.48	161	5	ND	2	137	.2	3	2	2	23.44	.017	6	19	2.17	9	.01	5	.18	.01	.04	1	1
1820	1	1326	3	12	2.5	25	36	975	1.93	69	5	ND	2	253	.3	5	2	2	33.52	.011	5	9	.90	13	.01	6	.09	.01	.02	1	1
1821	1	955	3	26	1.2	81	65	838	1.52	165	7	ND	2	320	.2	6	2	2	36.71	.001	4	12	.58	97	.01	2	.04	.01	.01	1	1
1822	1	118	13	17	1.0	44	30	1735	10.87	76	14	ND	3	175	.2	16	2	2	10.03	.020	4	28	2.56	17	.01	4	.30	.01	.12	2	1
1823	2	5364	3	35	4.7	518	715	598	5.61	1134	6	ND	2	20	.2	8	2	3	1.24	.020	14	43	.24	20	.01	4	.36	.01	.19	1	28
1824	1	4868	2	22	3.6	615	712	538	5.26	1259	5	ND	3	25	.2	5	5	2	2.20	.021	6	22	.59	20	.01	2	.34	.01	.18	1	36
1825	2	3227	28	17	1.8	457	527	1269	8.39	958	5	ND	2	41	.2	6	3	2	2.65	.024	7	39	.65	20	.01	3	.38	.01	.17	1	30
1826	2	2408	7	8	1.3	195	302	1986	9.84	446	5	ND	2	64	.2	5	2	2	5.03	.022	3	24	1.30	18	.01	4	.32	.01	.15	2	4
1827	1	561	10	9	.8	115	237	3060	12.10	461	6	ND	2	115	.2	2	2	2	9.26	.011	2	22	2.35	9	.01	3	.18	.01	.06	2	5
1828	1	126	13	9	.5	62	56	2767	10.75	131	8	ND	2	110	.2	2	2	2	19.14	.009	3	14	1.37	5	.01	2	.18	.01	.02	2	16
1829	1	114	8	9	.5	16	8	3268	12.55	62	10	ND	2	121	.2	2	2	3	11.07	.011	2	33	2.35	5	.01	4	.39	.01	.02	2	1
1830	1	820	3	12	1.0	24	31	5149	26.34	173	12	ND	2	106	.2	2	2	2	6.21	.005	2	8	1.51	39	.01	2	.23	.01	.01	1	20

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au
SAMPLE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
1831	1	197	4	13	1.1	15	22	5992	28.13	432	14	ND	2	81	.3	2	2	4	5.78	.011	2	19	1.70	5	.01	11	.31	.01	.01	1	7
1832	1	162	7	15	1.2	21	17	5600	15.62	97	18	ND	2	136	.2	11	2	3	14.46	.005	3	21	2.45	4	.01	8	.34	.01	.01	2	1
1833	1	74	6	9	.9	16	15	6381	14.24	163	18	ND	2	100	.2	9	2	2	16.06	.003	2	24	2.72	7	.01	6	.10	.01	.01	2	4
1834	1	334	7	13	1.2	89	66	6226	24.45	208	20	ND	2	64	.2	10	2	2	8.09	.002	2	20	2.13	4	.01	8	.11	.01	.01	3	2
1835	1	663	10	14	1.6	142	148	5303	28.85	408	10	ND	2	57	.5	23	2	2	5.74	.001	2	21	1.73	3	.01	7	.12	.01	.01	2	6
1836	1	127	6	9	.1	25	25	5696	16.85	366	5	ND	2	119	.2	2	2	2	12.37	.005	2	10	2.19	4	.01	2	.10	.01	.02	1	12
1837	1	44	3	7	.1	21	12	1516	5.51	30	5	ND	4	249	.2	2	2	2	13.68	.022	7	9	1.88	18	.01	2	.24	.01	.13	1	1
1838	1	23	3	14	.1	20	18	2281	9.71	35	5	ND	3	113	.2	2	2	2	8.99	.019	7	14	1.95	16	.01	2	.28	.01	.12	1	1
1839	1	21	5	3	.1	37	90	3498	12.04	126	5	ND	2	79	.2	2	2	2	13.78	.006	3	9	2.71	6	.01	2	.09	.01	.04	1	1
1840	1	2	3	5	.1	15	10	3572	12.14	14	5	ND	2	131	.2	2	2	2	14.68	.009	2	10	3.33	4	.01	2	.17	.01	.02	1	1
1841	1	28	3	7	.1	18	15	4617	17.31	17	5	ND	2	115	.2	2	2	2	12.85	.006	2	7	2.43	3	.01	2	.19	.01	.01	1	1
1842	1	42	2	9	.1	14	15	4810	20.17	23	5	ND	2	100	.2	2	2	2	9.99	.010	2	8	2.16	6	.01	2	.34	.01	.02	1	1
1843	1	21	4	5	.1	17	13	4166	14.20	21	5	ND	2	101	.2	2	2	2	13.85	.008	2	13	2.38	2	.01	2	.11	.01	.01	1	1
1844	1	29	4	8	.1	18	21	4855	25.42	15	5	ND	2	78	.2	2	2	2	6.66	.005	2	12	1.83	2	.01	4	.20	.01	.01	1	1
1845	1	29	2	9	.1	15	19	5963	35.58	14	5	ND	2	42	.2	2	2	2	2.92	.005	2	7	1.60	3	.01	4	.23	.01	.01	1	1
1846	1	21	2	9	.1	20	24	5694	33.16	213	5	ND	2	56	.2	2	2	2	3.52	.004	2	3	1.54	3	.01	2	.27	.01	.01	1	4
1847	1	25	2	7	.1	12	22	6083	35.99	16	5	ND	2	27	.2	2	2	2	2.17	.007	2	10	1.59	3	.01	3	.21	.01	.01	1	1
1848	1	21	2	9	.1	17	32	6832	39.66	164	5	ND	2	15	.2	13	2	2	1.04	.004	2	13	1.50	3	.01	4	.15	.01	.01	1	1
1849	1	12	2	15	.1	19	31	5482	28.50	18	5	ND	2	64	.2	2	2	4	4.46	.007	8	15	1.65	4	.01	2	.81	.01	.01	1	7
1850	1	87	12	12	.5	19	24	4146	21.89	194	5	ND	2	91	.2	3	2	5	5.68	.011	10	25	1.61	6	.01	3	1.12	.01	.03	1	7
1851	1	7	5	5	.1	10	17	3609	16.95	25	5	ND	2	164	.2	2	2	2	10.81	.008	2	17	1.68	2	.01	2	.20	.01	.01	1	4
1852	1	31	2	6	.1	21	27	2889	12.02	22	5	ND	4	127	.2	2	2	2	9.56	.028	9	9	1.82	13	.01	2	.28	.01	.11	1	6
1853	1	25	3	5	.1	23	26	2601	8.77	175	5	ND	4	158	.2	2	2	2	11.23	.019	19	21	1.68	13	.01	2	.23	.01	.11	1	1
1854	2	4895	4	41	7.2	144	51	4923	22.23	152	5	ND	2	74	.2	2	2	19	7.13	.429	3	34	.97	12	.01	2	.40	.01	.03	1	9
1855	1	302	13	11	.5	67	27	2838	11.67	158	5	ND	5	53	.2	2	2	2	5.66	.013	9	26	1.38	15	.01	2	.41	.01	.10	1	1
1856	4	15730	13	50	8.0	113	64	1741	8.95	331	8	ND	13	19	.2	3	16	3	1.79	.040	102	37	.11	36	.01	2	.28	.01	.15	1	40
1857	1	1260	2	13	.7	33	23	6010	23.47	41	5	ND	2	80	.2	2	2	3	6.36	.009	2	15	1.61	7	.01	5	.20	.01	.05	1	36
1858	2	68	549	1291	3.3	15	9	1428	4.14	253	5	ND	2	200	10.7	10	2	2	30.77	.032	8	7	.18	13	.01	3	.13	.01	.06	1	2
1859	1	310	23	53	1.1	19	14	5073	18.34	605	5	ND	2	106	.2	3	2	2	12.72	.021	7	11	1.36	8	.01	3	.08	.01	.04	1	105
1860	1	53	112	62	1.1	19	12	1769	8.94	883	5	ND	2	157	.4	5	2	2	16.55	.013	4	15	2.45	10	.01	2	.11	.01	.05	1	33
1861	1	88	137	10	3.1	7	2	177	27.47	80581	5	ND	2	11	.2	78	14	2	1.15	.001	2	35	.11	2	.01	2	.02	.01	.01	1	780
1862	1	42	71	27	1.1	44	15	1024	8.72	4154	5	ND	2	107	.2	50	2	2	8.67	.022	4	13	3.43	17	.01	4	.23	.01	.11	1	28
1863	1	1571	15246	99999	147.9	3	2	804	18.98	8616	5	ND	2	101	693.0	151	2	2	4.32	.003	2	16	.25	5	.01	3	.01	.01	.01	1	960
1864	1	117	59	213	2.3	13	6	1153	6.70	1689	5	ND	2	159	1.5	41	2	2	20.13	.011	4	6	1.45	10	.01	3	.08	.01	.04	1	76
1865	2	712	991	589	15.1	6	4	408	26.19	43828	5	ND	2	21	4.2	287	27	2	2.70	.004	2	23	.15	3	.01	3	.03	.01	.02	1	980

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au
SAMPLE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
1866	1	84	2865	352	14.1	9	4	1404	4.25	6928	5	ND	2	200	3.0	27	2	2	22.45	.012	8	8	2.00	9	.01	2	.10	.01	.04	1	58
1867	3	258	538	117	6.4	4	2	266	27.20	55267	5	ND	2	13	.8	63	18	2	1.82	.002	2	17	.10	3	.01	2	.02	.01	.02	1	850
1868	3	1205	355	42	18.2	43	110	352	1.83	305	5	ND	2	57	.2	113	2	2	3.80	.029	2	95	1.80	9	.01	3	.17	.01	.09	1	10
1869	7	1124	41	17	6.9	8	19	170	.83	83	5	ND	2	19	.2	18	2	2	1.09	.002	2	137	.46	4	.01	3	.08	.01	.03	1	3
1870	1	448	4272	1636	16.2	10	5	1115	12.31	8653	5	ND	2	163	12.9	26	15	2	10.83	.009	3	6	1.11	10	.01	4	.07	.01	.03	1	230
1871	1	174	215	259	5.9	10	1	768	27.59	9027	5	ND	2	27	2.7	24	15	2	2.59	.004	2	8	.20	15	.01	5	.03	.01	.01	1	720
1872	1	115	248	3556	2.0	3	1	1077	4.88	641	5	ND	2	249	22.6	2	2	2	16.39	.005	4	4	.93	5	.01	3	.03	.01	.02	1	95
1873	1	31	50	149	.6	17	7	3022	11.99	288	5	ND	2	118	.4	2	2	2	9.67	.009	2	7	1.95	6	.01	4	.09	.01	.03	1	1
1874	1	163	7	14	.4	16	5	3896	13.45	78	5	ND	2	59	.2	2	2	2	7.99	.008	2	14	1.84	3	.01	4	.10	.01	.04	1	1
1875	1	136	12	18	.4	22	15	3996	20.75	226	5	ND	2	40	.2	2	2	3	4.87	.009	2	14	1.40	5	.01	6	.33	.01	.03	1	1
1876	1	281	16	44	.5	35	27	3060	31.07	866	5	ND	2	45	.2	2	3	3	2.85	.011	2	13	1.04	4	.01	2	.51	.01	.01	1	35
1877	1	119	7	31	.5	46	13	3393	16.25	75	5	ND	2	90	.7	2	2	3	7.71	.007	2	6	1.36	2	.01	4	.58	.01	.03	1	1
1878	1	100	7	15	.4	44	52	4185	14.76	167	5	ND	2	65	.3	2	2	2	8.50	.007	2	15	1.55	4	.01	3	.22	.01	.02	1	1
1879	1	93	14	10	.5	10	6	5288	15.73	11163	5	ND	2	56	.3	9	3	2	8.09	.004	2	7	1.54	6	.01	2	.07	.01	.03	1	85
1880	1	193	7	16	.4	27	16	3527	12.11	423	5	ND	2	100	.9	2	2	2	9.52	.012	2	6	1.66	4	.01	2	.22	.01	.05	1	1
1881	1	84	8	16	.3	25	27	3136	12.94	145	5	ND	2	112	.3	2	2	2	9.63	.011	2	6	1.54	6	.01	7	.32	.01	.05	1	1
1882	1	37	5	8	.3	9	2	1399	4.98	34	5	ND	2	260	.5	2	2	2	16.50	.004	3	2	1.66	6	.01	2	.05	.01	.04	1	13
1883	1	46	4	22	.5	11	2	4206	19.98	1626	5	ND	2	65	.3	2	2	2	7.57	.012	2	5	1.50	6	.01	2	.07	.01	.02	1	1
1884	1	34	4	19	.6	6	5	4889	28.57	334	5	ND	2	44	1.1	2	6	2	4.31	.010	2	4	1.34	2	.01	2	.05	.01	.01	1	1
1885	1	1	2	18	.7	9	1	5099	41.24	561	5	ND	2	20	.8	2	6	2	1.16	.008	2	4	.67	8	.01	2	.03	.01	.01	1	8
1886	1	20	3	15	.4	8	4	3856	17.73	152	5	ND	2	80	.2	2	4	2	8.30	.012	2	4	1.80	5	.01	2	.10	.01	.02	1	15
1887	1	9	2	14	.4	2	1	4000	21.08	187	5	ND	2	54	.5	2	2	2	5.28	.006	2	6	1.28	6	.01	2	.09	.01	.01	1	29
1888	1	70	4	14	.4	10	3	3320	12.96	32	5	ND	2	89	.6	2	4	2	9.03	.009	2	5	2.00	3	.01	2	.38	.01	.02	1	1
1889	1	259	5	15	.6	33	30	3127	11.32	85	5	ND	2	99	.3	2	2	2	9.66	.012	2	4	1.82	7	.01	4	.31	.01	.05	1	1
1890	1	187	4	12	.3	41	44	2443	6.82	181	5	ND	2	230	.2	2	2	2	14.10	.008	3	4	1.59	7	.01	2	.05	.01	.04	2	14
1891	1	802	13	31	1.0	21	6	3950	16.47	137	5	ND	3	106	.2	2	2	2	9.80	.011	3	3	.67	13	.01	3	.18	.01	.04	2	10
1892	1	992	9	36	1.0	32	12	4010	16.80	182	5	ND	3	101	.2	2	2	2	8.69	.012	3	4	1.19	9	.01	2	.19	.01	.04	1	9
1893	1	17	7	10	.2	8	2	2457	5.47	24	5	ND	2	132	.2	2	2	2	16.68	.009	3	2	1.09	9	.01	6	.06	.01	.05	1	1
1894	1	115	10	5	.3	7	1	3398	6.96	135	5	ND	2	195	.6	2	2	2	15.39	.013	2	4	.84	10	.01	2	.05	.01	.04	1	1
1895	1	63	3	10	.2	10	4	1135	2.44	46	5	ND	2	168	.2	2	2	2	19.44	.016	2	3	.43	14	.01	6	.07	.01	.05	1	1
1896	1	180	58	124	.5	18	17	1832	4.75	49	5	ND	2	247	.9	2	2	2	14.98	.010	2	15	.84	7	.01	7	.09	.01	.04	1	1
1897	1	118	5	18	.4	12	4	3447	11.72	51	5	ND	2	154	.2	2	5	2	10.55	.014	2	4	1.81	9	.01	2	.11	.01	.04	1	1
1898	1	7	13	21	.2	9	2	1776	3.52	23	5	ND	2	364	.2	2	2	2	17.97	.005	2	2	1.41	6	.01	6	.02	.01	.02	1	1
1899	1	5	15	38	.3	6	1	2780	4.60	34	5	ND	2	280	.4	2	2	2	17.26	.004	2	4	1.28	11	.01	5	.02	.01	.02	2	25

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604)522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION SERVICES
Project: Ketza
Sample Type: Cores

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

Analyst R Sam
Report No. 9380782
Date: October 07, 1993

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
1900	1	53	7	8	.2	36	34	1455	5.46	55	5	ND	2	97	.2	2	2	3	11.86	.016	2	17	3.84	9	.01	5	.10	.01	.08	1	1
1901	1	8	2	5	.1	15	7	1924	5.99	15	5	ND	2	81	.2	2	2	2	15.93	.009	2	9	4.74	5	.01	4	.05	.01	.04	1	1
1902	1	211	3	12	.6	44	15	2926	14.16	112	5	ND	2	111	.2	2	2	3	10.82	.008	2	10	2.70	6	.01	2	.15	.01	.05	1	3
1903	1	97	3	13	.2	32	12	3867	14.89	53	5	ND	2	131	.2	2	2	3	13.06	.009	2	9	2.65	5	.01	2	.08	.01	.03	1	5
1904	1	37	12	22	.3	20	6	4860	21.25	62	5	ND	2	67	.2	9	2	4	7.05	.009	2	13	2.20	4	.01	2	.13	.01	.03	1	1
1905	1	33	6	15	.2	23	19	3252	10.07	62	5	ND	2	129	.2	2	2	2	15.07	.009	2	6	3.20	5	.01	2	.06	.01	.04	1	1
1906	1	27	14	6	.3	69	42	2484	10.00	130	5	ND	2	78	.2	2	2	4	13.29	.020	2	21	3.48	7	.01	3	.08	.01	.06	1	2
1907	1	49	24	7	.4	82	50	1919	10.95	300	5	ND	2	100	.2	7	2	8	8.10	.082	2	18	2.77	15	.01	4	.21	.01	.15	1	22
1908	1	31	2	24	.5	102	26	2773	9.82	108	12	ND	2	154	.2	5	2	13	11.07	.044	3	52	2.88	7	.01	4	.52	.01	.06	1	2
1909	1	23	2	16	.3	36	9	5888	21.21	35	10	ND	2	99	.2	5	2	4	10.84	.008	2	11	2.94	3	.01	2	.14	.01	.01	1	1
1910	1	19	2	14	.1	37	12	5039	20.63	39	5	ND	2	83	.2	5	2	15	9.05	.027	2	48	2.58	4	.01	2	.51	.01	.02	1	1
1911	1	6	7	10	.2	17	8	3004	8.46	84	5	ND	2	214	.2	2	2	2	17.72	.017	2	5	2.60	6	.01	2	.09	.01	.04	1	1
1912	1	14	2	12	.3	24	11	4363	13.85	42	5	ND	2	127	.2	6	2	3	11.77	.011	4	9	2.62	7	.01	2	.16	.01	.06	1	1
1913	1	28	2	12	.1	20	11	3682	14.13	66	5	ND	2	109	.2	2	2	3	13.51	.011	2	15	2.00	6	.01	2	.08	.01	.03	1	1
1914	1	9	2	8	.2	10	4	2755	9.42	17	5	ND	2	229	.2	5	2	2	24.36	.009	2	5	1.03	5	.01	2	.04	.01	.01	1	2
1915	1	40	2	11	.3	17	10	5141	24.07	44	6	ND	2	88	.2	13	2	2	9.45	.004	2	13	1.91	4	.01	2	.02	.01	.01	1	1
1916	1	46	2	12	.2	17	6	4743	22.45	34	10	ND	2	90	.2	2	2	3	9.18	.021	2	18	1.73	5	.01	2	.12	.01	.02	1	1
1917	1	5	2	5	.1	12	5	3282	7.72	14	5	ND	2	110	.2	2	2	2	19.11	.009	2	5	3.51	4	.01	2	.03	.01	.03	1	1
1918	1	12	4	5	.4	33	33	2809	9.38	102	10	ND	2	98	.2	3	2	2	16.20	.005	2	20	3.29	3	.01	3	.02	.01	.01	1	1
1919	1	17	67	18	.4	12	6	1022	2.96	21	5	ND	2	636	.2	2	2	6	30.05	.011	6	7	1.02	18	.01	4	.40	.01	.03	1	1
1920	1	4	8	10	.4	7	3	668	1.62	13	5	ND	2	452	.2	3	2	2	39.39	.008	4	2	1.27	7	.01	5	.15	.01	.04	1	1
1921	1	9	2	16	.2	10	4	2268	5.23	17	5	ND	2	371	.2	2	2	3	26.17	.008	4	7	2.26	6	.01	3	.39	.01	.01	1	1
1922	1	105	5	15	.7	20	17	3956	6.26	85	5	ND	2	429	.2	2	2	5	28.54	.002	2	11	.74	5	.01	2	.37	.01	.01	1	1
1923	1	321	2	28	.7	64	54	5299	16.23	38	8	ND	2	237	.2	2	2	9	17.49	.003	2	5	1.71	5	.01	2	1.05	.01	.01	1	1
1924	1	344	2	20	.3	41	41	6932	16.79	241	5	ND	2	258	.2	3	2	3	13.16	.003	2	14	2.22	3	.01	2	.28	.01	.02	1	1
1925	1	151	8	33	.3	24	22	5290	13.90	10	5	ND	2	266	.2	2	2	13	14.31	.033	2	19	2.32	3	.01	2	1.51	.01	.01	1	1
1926	1	155	13084	612	32.9	17	4	1288	11.06	4874	5	ND	3	178	4.4	63	2	2	10.71	.013	2	11	1.65	11	.01	2	.12	.01	.08	1	780

APPENDIX C

PERSONNEL

APPENDIX D

WRITER'S CERTIFICATE

needs approval

copy

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Whyte
MINFILE #: 105F 122
MAJOR COMMODITIES: Ag,Au
MINOR COMMODITIES: Cu,Pb
TECTONIC ELEMENT: Cassiar Platform

NTS MAP SHEET: 105 F 9
LATITUDE: 61°31'16"N
LONGITUDE: 132°21'35"W
DEPOSIT TYPE: Vein
STATUS: Prospect

CLAIMS (PREVIOUS AND CURRENT)

WHITE, WHYTE

WORK HISTORY

Staked as White cl (YA99886) in Mar/87 by Mountain Province Mg Inc, which performed mapping and geochem surveys later in the year. Whyte cl (YB10202) were added to the southeast in Dec/87. Bulldozer trail construction, excavator trenching, IP and magnetometer surveys were conducted on the group in 1989.

Mountain Province conducted a 20 hole (1514 m) diamond drill program on the White claims from Aug to Sept/1993.

GEOLOGY

Three silver and gold occurrences occur in Lower Cambrian carbonate rocks. The Lake Zone, a 7 cm northeast-striking massive sulphide vein in Cambrian dolomite, is surrounded by a large polymetallic soil anomaly. A specimen of massive sulphide contained 1256 g/t Ag, 0.45 g/t Au, 58.0% Pb, 1.0% As and 0.4% Cu. A specimen containing disseminated galena returned 86.4 g/t Ag and 3.1% Pb while limonitic grab samples contained up to 0.8 g/t Au and 2630 ppm As.

The West zone consists of a layer of of limonite, locally stained with malachite and scorodite, immediately underlying green mudstone. Specimens of limonite assayed up to 5.8 g/t Au, 78.0 g/t Ag, 1.9% As, 0.2% Pb and 1.4% Cu. Associated siderite contained arsenopyrite, chalcopyrite, pyrite and pyrrhotite and assayed up to 1.2% Cu and 4.5% As. Diamond drilling in 1993 in this zone located low grade gold mineralization of up to 1240 ppb across 0.50 m. The gold is associated with two types of mineralization: massive pyrite-arsenopyrite lenses within a westerly-dipping shear zone; and a linear, northwesterly trending zone of secondary iron carbonate-quartz-chlorite alteration or replacement in the upper part of Lower Cambrian strata. The carbonate-quartz-chlorite zone contains disseminated pyrite, pyrrhotite, arsenopyrite and chalcopyrite with minor galena and sphalerite.

The East zone consists of siderite-pyrite-arsenopyrite veins which cut Cambrian limestone. Vein specimens assayed up to 41.8 g/t Au and 31.0 g/t Ag while chip samples returned 2.1 g/t Au across 3.7 m, and 12.2 g/t over 2.1 m. The 1993 drilling program intersected 6 metres of carbonate-quartz-chlorite replacement mineralization with disseminated sulphides and negligible gold values.

REFERENCES

MOUNTAIN PROVINCE MINING INC., Mar/90. Assessment Report #092820 by C.G. Verley.

MOUNTAIN PROVINCE MINING INC., Feb/94. Assessment Report #093176 by C.G. Verley.

VANCOUVER STOCK EXCHANGE Open File, 1990.

needs approval

Copy

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Whyte
MINFILE #: 105F 122
MAJOR COMMODITIES: Ag,Au
MINOR COMMODITIES: Cu,Pb
TECTONIC ELEMENT: Cassiar Platform
NTS MAP SHEET: 105 F 9
LATITUDE: 61°31'16"N
LONGITUDE: 132°21'35"W
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WHITE, WHYTE

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The West zone consists of a layer of of limonite, locally stained with malachite and scorodite, immediately underlying green mudstone. Specimens of limonite assayed up to 5.8 g/t Au, 78.0 g/t Ag, 1.9% As, 0.2% Pb and 1.4% Cu. Associated siderite contained arsenopyrite, chalcopyrite, pyrite and pyrrhotite and assayed up to 1.2% Cu and 4.5% As. Diamond drilling in 1993 in this zone located low grade gold mineralization of up to 1240 ppb across 0.50 m. The gold is associated with two types of mineralization: massive pyrite-arsenopyrite lenses within a westerly-dipping shear zone; and a linear, northwesterly trending zone of secondary iron carbonate-quartz-chlorite alteration or replacement in the upper part of Lower Cambrian strata. The carbonate-quartz-chlorite zone contains disseminated pyrite, pyrrhotite, arsenopyrite and chalcopyrite with minor galena and sphalerite.

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VANCOUVER STOCK EXCHANGE Open File, 1990.

LEGEND

LITHOLOGIES

MISSISSIPPIAN

- Mc — Carbonatite
- My — Syenite
- Mva — Volcanics

UPPER DEVONIAN-MISSISSIPPIAN

- uDMs — Shale

SILURIAN-DEVONIAN

- SDdq — Carbonates

UPPER CAMBRIAN-ORDOVICIAN

- u€Osl — Limestone, slate

LOWER CAMBRIAN

- l€c — Carbonates

PRECAMBRIAN (?)-LOWER CAMBRIAN

- Pl€sq — Quartzite and phyllite

SYMBOLS

SOIL ANOMALIES-WHITE CLAIMS

- Gold (>10 ppb)
- Silver (>2.7 ppm)

- Canamax's sulphide and oxide chimneys and mantos respectively.
- Magnetic high
- Lithologic contact
- Fault: defined, inferred
- Thrust fault: defined, inferred. Teeth on upper plate.
- Syncline axis
- Claim boundary
- Road

NOTES :

Geology outside of claim blocks adapted from M.S. Cathro, 1988.

Topography from Dept. of Energy, Mines and Resources: 1 : 50,000 scale map (105F/9) and 1 : 250,000 scale map (105F).

Contour interval : 100 metres.

Property boundaries are approximate.

DWG 534

MOUNTAIN PROVINCE MINING INC.

COMPILATION MAP

EVE & WHITE CLAIM GROUPS

KETZA RIVER AREA 105F-8,9
WATSON LAKE MINING DISTRICT, YUKON

1 : 25,000

500 0 500 1000 1500m

Scale in metres

BY

AMERLIN EXPLORATION SERVICES LTD.

093176

PLATE I