MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.: 092539
105 F 10	PROSPECTUS		MINING DISTRICT: WATSON LAKE
	CONFIDENTIAL	X	TYPE OF WORK: DIAMOND DRILLING
	OPEN FILE		

REPORT FILED UNDER: Yukon Minerals Corporation

DATE PERFORMED: May 14,88 to August 28, 1988 **DATE FILED:** September 24,1988

LOCATION: **LAT.:** 61 38' N **AREA:** Groundhog Creek

LONG.: 132° 50' W **VALUE$:** 99,800.00

CLAIM NAME & NO.: HV (353 claims); VER 1-2,4-14 YA90975-76,78-83, YA 98610-611, YB01843-45; JEFF 1-4 YA45703-706; CARIBOU 1-3 89296-98; HIGRADE YA45137; BEN 15 Y13597

WORK DONE BY: B. Fowler

WORK DONE FOR: Yukon Minerals Corp.

DATE TO GOOD STANDING

REMARKS: # 24 GROUNDHOG Four HQ diamond drill holes totalling 163 m were done on HV 104, and 6 holes totalling 204 m were done on the JEFF 3 claims. The best intersection was 0.77 m of 512.6 g/t Ag, 9.78% Pb, 9.55% Zn, 341 ppb Au and 0.19% Cu.

SUMMARY

The Ketza Project area is situated in the Pelly Mountains of central Yukon, 50 km south of Ross River and 9 km east of the South Canol Road on Groundhog Creek. The property lies within the Seagull Uplift, the western portion of the Ketza-Seagull Arch, that is described as a domed assemblage of Lower Cambrian to Mississippian clastic, volcanic, and carbonate rocks that were deformed during Mesozoic arc-continent collision and by mid-Cretaceous intrusion (G. Abbot, 1986).

Hydrothermal gold and silver mineralization occurs in the Ketza-Seagull district in the form of auriferous oxide/sulfide mantos, massive argentiferous galena and sphalerite veins, and fault breccia hosted galena and sphalerite with oxide. The property, composed of 403 contiguous mineral claims, occupies an area of approximately 8,000 hectares (19,700 acres).

The Groundhog Creek area was first prospected for Ag-Pb-Zn mineralization in the 1950s and 1960s. Canol Mines Ltd. carried out an extensive surface exploration program on several galena bearing fault zones that are now covered by the HV claims (Ketza Project area). In 1986, Yukon Minerals Corporation optioned the HV claims from H and P Holdings Ltd. of Whitehorse. An aggressive 1987 surface exploration program defined ore grade mineralization on 5 main Ag-Pb showings, and led to the discovery of several other occurrences. Perrex Resources Inc. entered into a subsequent agreement with Yukon Minerals Corporation whereby they earned a 30% interest in the property by providing 1988 exploration funding.

The 1988 Ketza Project consisted of 2,286 metres of diamond drilling in 45 holes, surface trenching, mapping and sampling, a regional mapping/prospecting program, 300 metres of underground drifting and drill station slashing, enlarging camp and considerable road construction and upgrading.

A total of 53 galena showings and 22 quartz-freibergite showings were documented and examined during the 1988 Ketza Project. An ore reserve base was developed, and is currently 221,507 tons of probable and drill indicated ore grading 2.68 oz Ag/ton, 3.18% Pb, and 4.01% Zn, located in seven (7) separate deposits. The largest single reserve base is No.3 Zone, which is calculated to contain 147,906 tons of probable and drill indicated ore grading 1.98 oz Ag/ton, 2.32% Pb, 4.27% Zn, and 0.005 oz Au/ton.

The most significant deposit type defined on the Ketza Property to date, in terms of size and total metal content, is fault breccia dolostone hosted, fracture controlled and lesser replacement galena and sphalerite, with oxide. eg. No.2, No.3 Zones. A significant reserve base was established on a higher grade silver massive galena vein (PN Zone), where preliminary work has blocked out 3,480 tons of probable and drill indicated ore grading 13.74 oz Ag/ton, 9.90% Pb, and 5.25% Zn.

The No.2 and No.3 Zones are 300 metres apart and dip towards one another. Both zones are believed to occupy the flanks of a north trending graben structure that has been traced along the axis of a broad anticlinorium structure. Referred to as the "Versluce Trend", one of seven (7) regional mineralized trends observed on the property (Ramaekers, 1988), it has been traced northward of the main showings for a distance of 6 km. The principle ore controls appear to be related to host rock and the presence of an impermeable shale cap which localized mineralizing solutions.

Several deposits on the Ketza Project warrant additional surface work in the form of trenching, mapping and sampling, and diamond drilling. Oxide zone material has been

observed to carry highly anomalous gold values, and followup exploration should also be directed towards the definition of oxide fault, chimney and manto deposits.

Ketza Property ore deposits are significant, and can be compared to several past, pending, and present Ag-Pb-Zn producers in the Yukon.

The underground program involved driving a trackless line drive 2.5m X 3.5m drift 200 metres below and between the main surface exposures of No.2 and No.3 Zones. Nine (9) diamond drill stations were slashed along 294 metres of drift, in preparation for underground diamond drill testing of No.2 and No.3 Zones in early 1989. The drift cross cut No.2 Zone structure, and limited amounts of ore grade mineralization was noted to occur at drift elevation.

An underground diamond drill program along No.2 and No.3 Zones is proposed at a budget of $1 million, and is recommended to commence in March, 1989. A $2 million surface exploration program is recommended to commence in mid-May, 1989.

CONCLUSIONS

1.a) Significant hydrothermal Ag-Pb-Zn mineralization occurs on the Ketza Property in essentially 3 forms; a) fault controlled breccias b) vein fault massive sulfide c) sulfide bearing quartz-siderite stockwork.

b) The most important form of mineralization, in terms of volume and total metal content, is the fault-controlled mineralized breccias (No.2 and No.3 Zones).

c) Stratiform Pb-Zn-Cu mineralization has been noted to occur in Cambrian phyllites on the Ketza Property.

d) The principle ore controls appear to be carbonate-shale contacts and favourable host rock, (dolostone) and an impermeable shale capping, which probably localized mineralizing solutions.

2.a) The distribution of Ag-Pb-Zn deposits on the Ketza Property can be grouped into seven (7) regional trends.

b) No.2 and No.3 Zones occur along the flanks of a north trending graben structure, occupying the axis of an anticlinorium, and the overall structure (Versluce Trend) has been traced for a distance of 6 km.

c) A significant ore reserve base has been developed on the Ketza Property.

d) Geology and mineral deposits on the Ketza Property can be compared to similar past, pending and present Ag-Pb-Zn producers in the Yukon.

e) The potential for defining additional deposits and ore reserves on the Ketza Property is considered excellent.

f) Approximately 30% of the property area has been mapped and prospected on a regional scale.

3. Triple tube face injection diamond drilling with HQ core size is the most effective means of achieving satisfactory core recovery through mineralized oxide zones.

4. Geological mapping, prospecting, and sampling on a detailed and regional scale are the most practical means of accurately evaluating and defining mineralized zones and potential drill targets.

5. Surface trenching by use of excavator and D7 caterpillar with ripper is the most effective method of exposing mineralized zones.

6. Ground based VLF-EM16 geophysical surveys are an effective, low cost method of defining mineralized fault structures.

YUKON MINERALS CORPORATION
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Alberta T6G 0V6
Phone (403)433-3181
Fax (403)433-1721

May 2nd 1989

Exploration and Geological Services Division
Indian and Northern Affairs Canada
200 Range Road
WHITEHORSE Yukon Y1A 3V1

Attention: Diane Emond
Staff Geologist

Re: Summary for Yukon Exploration 1988

Dear Ms Emond:

With reference to your request of April 3rd 1989 concerning information for your annual report, I have read the summaries you enclosed.

The Report on the **MPR** Claims is O.K.

The Summary for the Main **KETZA** Project needs updating. There was considerably more drilling than was reported for assessment. Furthermore, an adit was driven to 1,000 feet under Zones 2 & 3. I have appended a copy of the Summary, Conclusions and Introduction from the report of Brian Fowler P.Geol. who is our senior geologist on this project. I have also enclosed a copy of the Geology Map of the Claims as well as a Location Map and Claims Map. The other maps in Brian Fowler's report which show the drilling and the adit are rather large and complex and may not reduce legibly for your report. Should you need further information from this report please feel free to ask.

The Work on these claims is performed under the terms of a joint-venture. This joint-venture operates as Yukon Minerals Corporation 70%/ **Perrex Resources Inc.** 30%. Yukon Minerals is operator. Perrex is required to expend $3,000,000 to earn its 30% and this expenditue is all but complete.

Should you have any questions, please phone or fax at any time. The final draft of your summary can be quickly OK^{ed} by fax.

Yours very truly

Anthony Rich, P.Geol.
President

Encls.

cc. Yukon Minerals Corporation, Vancouver

INTRODUCTION

In 1986, Yukon Minerals Corporation acquired the HV Property (hereafter referred to as the Ketza Project) from H and P Holdings Ltd. A subsequent agreement allowed Perrex Resources Inc. to earn a 30% interest in the Project by providing exploration funding.

This report describes the results of a surface and underground exploration program carried out for silver-lead-zinc mineralization on the Ketza Project from April to October, 1988. The property is comprised of 403 contiguous claims and located 50 km south of Ross River and 9 km east of the South Canol Road on Groundhog Creek in south central Yukon. A separate report documenting a 1988 regional program has been prepared by Paul Ramaekers.

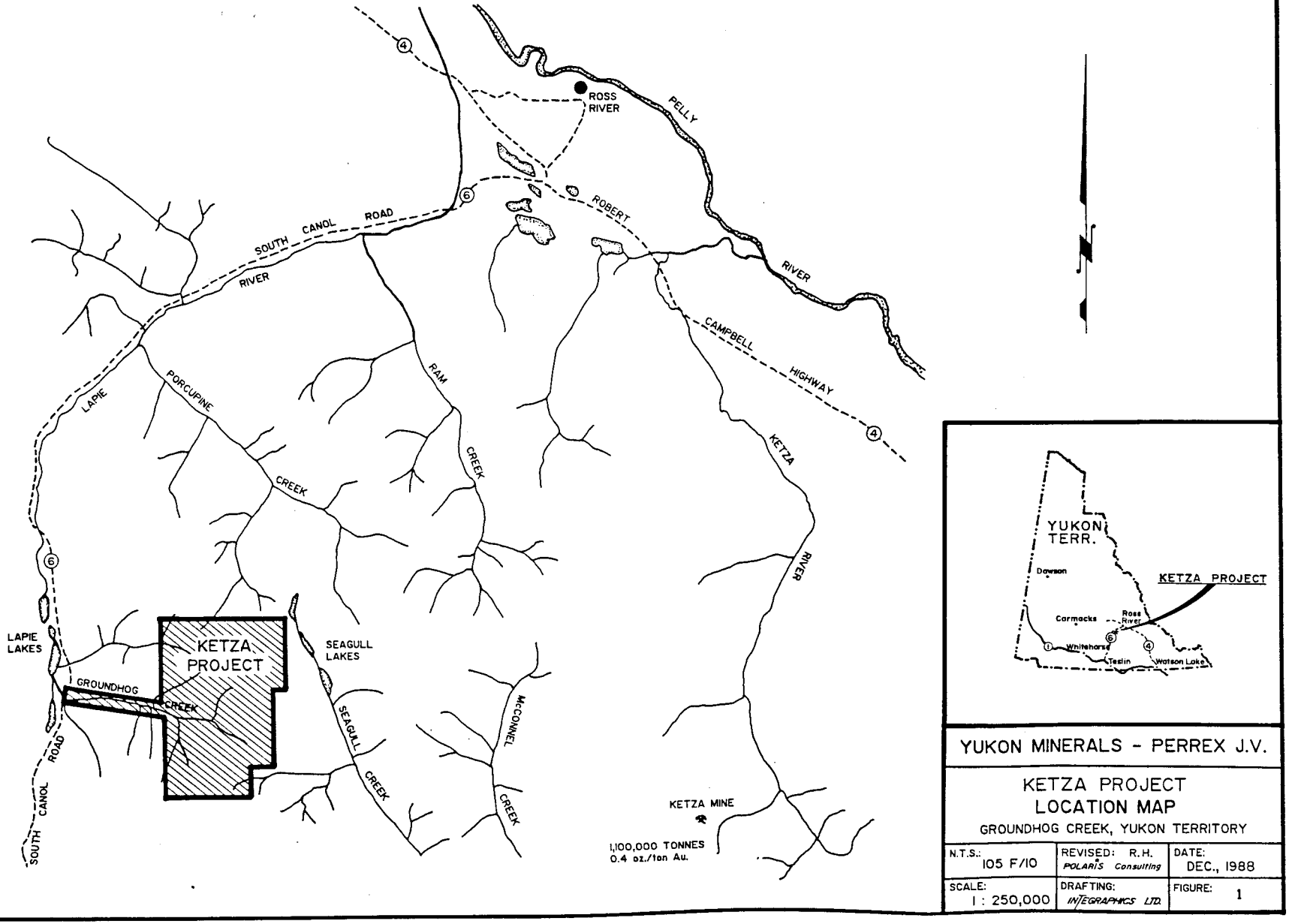
The 1988 Ketza Project consisted of two phases of surface diamond drilling totalling 2,286 metres, a regional mapping/prospecting program, road construction and upgrading, surface stripping, mapping, and sampling of major mineralized zones, claim tagging, an air photo survey of the claim block, a pre-feasability environmental impact study, and a 300 metre underground exploration drive to facilitate future underground drilling.

The project was managed by the writer under the direction of T. McCrory and M. Nielsen, President and Operations Manager of Yukon Minerals Corporation respectively.

This report and accompanying maps are a compilation of the information collected by several dedicated people during the program. The staff were enthusiastic and hard working. Some worked for the full period, and others just for a short time.

The regional program was headed by Paul Ramaekers who was abley assisted by Rob Klettl. Survey control was provided by Reg Harding (Polaris Consulting). Other crew members were: Mike Issigonis, Geologist; Bruce Laird, Geologist; Ray Anchikoski, Camp Maintenance/Survey Assistant; Patrick McCrory, Sampler; Sean Pownall, Sampler; Andy McDonald, Sampler/Blaster; Wayne Anchikoski, Survey assistant/Core Splitter; Barry Buchanan, Sampler; Todd Buchanan, Sampler; Clarence Canning, Camp Maintenance; Al Omitani, Expeditor; Helen Hewitt, Cook; Bernice Osteen, Cook; Brenda Brown, Cook; and Bev Armstrong, Bullcook. Terry McCrory spent considerable time on the property directing heavy equipment and laying out roads.

The information contained in this report will provide a sound basis for a continuing exploration and development program.



YUKON MINERALS - PERREX J.V.

KETZA PROJECT
LOCATION MAP
GROUNDHOG CREEK, YUKON TERRITORY

N.T.S.: 105 F/10	REVISED: R.H. POLARIS Consulting	DATE: DEC., 1988
SCALE: 1 : 250,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 1

092539

TO RUSS RIVER

SOUTH CANOL ROAD

GROUNDHOG CREEK

SEAGULL LAKES

HV 215-262
(YB01725-YB01772)

HV 279-336
(YB01773-YB01830)

HV 119-134
(YB00695-YB00710)

HV 135-176
(YB01189-YB01230)

HOG 1-38
(YB00338-YB00375)

HV 177-194
(YB1231-YB01248)
HV 197-214
(YB01249-YB01266)

BEN 15
(Y13597)

CARIBOU 1-2
(89296-89297)

VER 12-14
(YB01843 - YB01845)

CARIBOU 3 - (89298)

VER 1-9
(YA90975-YA90983)
VER 10-11
(YA98610 - YA98611)

HV 263-268,270,272,274,276-278
(YB01702 - YB01713)

HV 1-13 (YA90984-YA90996)
HV 14-16 (YA98612-YA98614)
HV 17-66 (YA99466-YA99515)
HV 67-118 (YA99558-YA99609)

HI GRADE
(YA45137)

JEFF 1-4
(YA45708-YA45706)

0 500 1000 1500 2000 2500
METRES

NOTE: HV 216 - (YB01726)
IS NOT SHOWN ON THIS PLAN.

YUKON MINERALS - PERREX J.V.

KETZA PROJECT
CLAIM PLAN

GROUNDHOG CREEK, YUKON TERRITORY

N.T.S.: 105 F/10	REVISED: R.H. POLARIS Consulting	DATE: DEC., 1988
SCALE: 1 : 50,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 2

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LEGEND

CRETACEOUS AND (?)EARLY TERTIARY

- KTqfp — Dark green, fine grained biotite-bearing mafic dikes. Minor quartz feldspar porphyry.
- Kg — Homogenous, medium grained, biotite quartz monzonite.

LATE DEVONIAN AND MISSISSIPPIAN

- Mv — Undifferentiated felsic and mafic volcanics, hornblende syenite and black shale.
- uDMs — Black shale, chert grit, and chert conglomerate.

SILURIAN, EARLY AND MIDDLE DEVONIAN

- SDd — Buff, grey, and red weathering dolomite, with lenses of massive quartz arenite.
- Ss — Grey weathering platey, thinly laminated dolomitic siltstone.
- Sq — Massive grey weathering quartz arenite.

ORDOVICIAN AND SILURIAN

- OSsl — Black, graptolitic shale, minor chert.

LATE CAMBRIAN AND EARLY ORDOVICIAN

- uЄOsl — Grey-buff weathering thinly laminated calcareous phyllite, tuffaceous phyllite, with some mafic tuffs, and flows.
- uЄOb — Resistant dark green mafic flow or sill.

EARLY CAMBRIAN

- lЄcsl — Grey weathering calcareous mica schist and marble.

Geological contact: defined, approx., assumed

Bedding: inclined, vertical

Foliation: phase 2, phase 1, inclined, vertical

Steep dipping fault: sense of movement unknown: defined approx.

Normal fault: defined, approx.

Thrust fault: defined, approx.

GEOLOGY FROM J.G. ABBOTT, YUKON GEOLOGY VOL. I

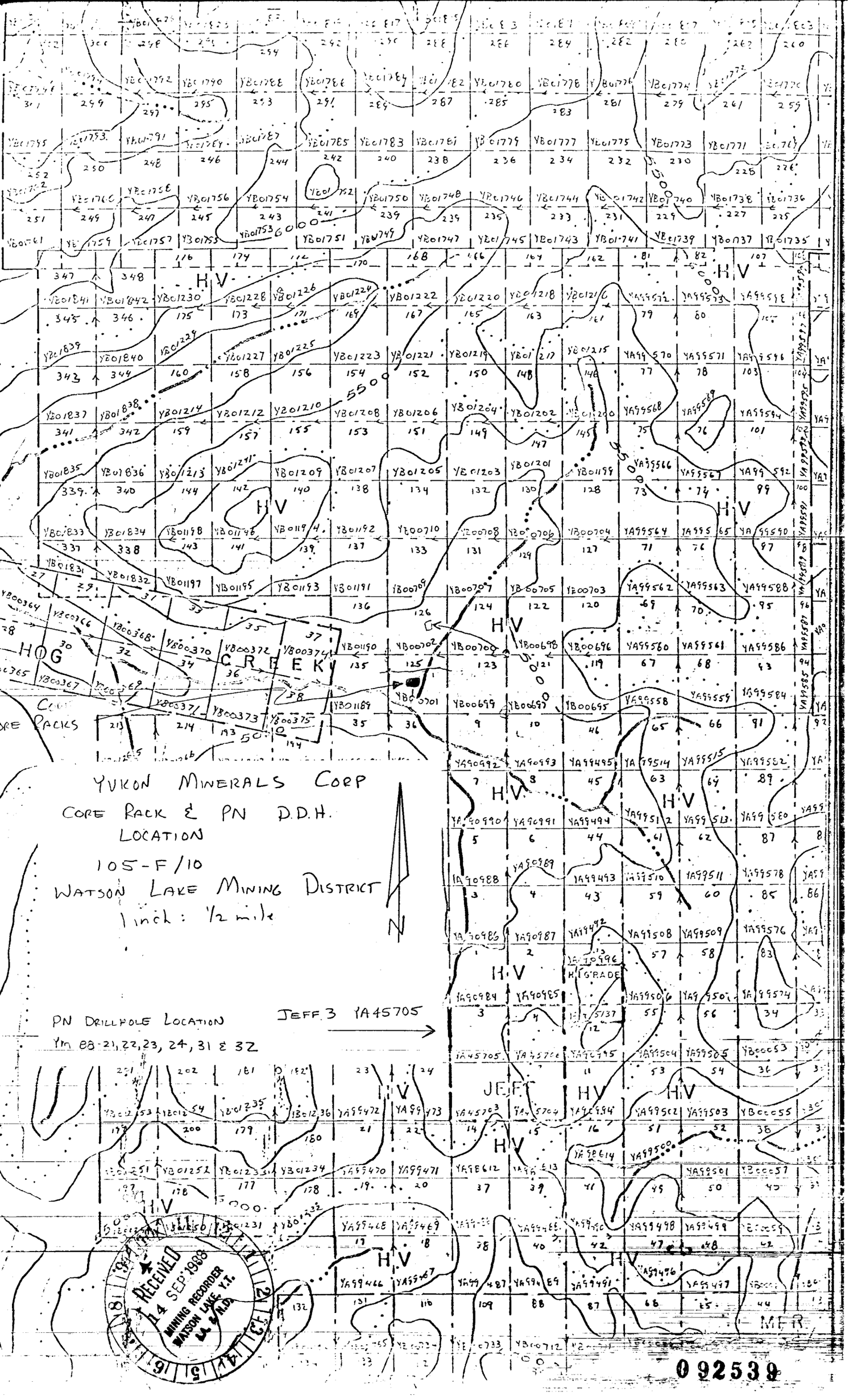
0 500 1000 1500 2000 2500
METRES

YUKON MINERALS - PERREX J.V.

KETZA PROJECT
GEOLOGY

GROUNDHOG CREEK, YUKON TERRITORY

N.T.S.: 105 F/10	REVISED: R.H. POLARIS Consulting	DATE: DEC., 1988
SCALE: 1 : 50,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 3


YUKON MINERALS CORP
CORE RACK & PN D.D.H. LOCATION
105-F/10
WATSON LAKE MINING DISTRICT
1 inch : 1/2 mile
PN DRILLHOLE LOCATION
Ym 88-21, 22, 23, 24, 31 & 32
JEFF 3 YA45705
HOG CREEK
HIGRADE
RECEIVED
14 SEP 1988
MINING RECORDER
WATSON LAKE Y.T.
092538

YUKON MINERALS - PERREX JOINT VENTURE

DIAMOND DRILL LOG

DDH [illegible]-21 PROPERTY Ketza

092539

Page 2

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au. oz\ton		RUN FROM	TO	[illegible]	[illegible]	[illegible]
3.20?	3.46	Rubble, [illegible] grey, med. Xine dolostone; 5 cm wide zones rubble bx; white qtz veins 1-2 mm wide rimmed by limonite at 45° CA. Limonite + minor qtz filled fractures at 30° CA with strike 20° off qtz filled fractures.							3.20?	3.46	—		?
3.46	6.95	[illegible] grey, coarsely Xine dolostone, 50% rubble bx; bx matrix dk grey coarsely Xine dolostone; White qtz veins 1-2 mm thick at 50° CA, often lined by .2 mm thick limonite. Frequent 1 mm wide limonite filled fractures, often // white qtz veins. Siderite vein with qtz at core 1cm wide at 6.30 m. Qtz and minor limonite filled fracture zone 5 cm thick at 5.35 m.							3.46	5.18	1.72	1.50	
		5.10 m.: Fault, 30° CA. Slicks rake 20°. Fault cuts all qtz + limonite							5.18	6.40		1.09	
									6.40	6.95	.55	.55	100

YUKON MINERALS - PERREX JOINT VENTURE

DIAMOND DRILL LOG

0925339

Hole [illegible] PROPERTY [illegible]

Page ___ of ___

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ~~oz\ton~~ ppb	Cu %	RUN FROM	TO	RUN (m)	RECOV (m)	RECOV (%)
	7.60	[illegible] CRACKLE BY [illegible] A FILLING [illegible] W/ 10% [illegible] SUBANGULAR [illegible] UP TO 7 cm ACROSS [illegible] FINE [illegible] FILLING VNS UP TO 1cm [illegible] @ [illegible] W/ LIMONITE [illegible] VNS [illegible]. GL 1-3% IS FINE [illegible] FINE PYRITE IS DISSEMINATED [illegible]	81912 6.95-7.60	0.46	0.44	4.16	31		6.95	7.60	0.[illegible]	[illegible]	[illegible]
		MASSIVE, [illegible] CRYSTALLINE DOLOSTONE [illegible] AS ABOVE BUT LACKS LIMONITE, SX, & CRACKLE BX	81913 7.60-8.10	0.02	0.03	1.50	<5		7.60	8.10	0.50	0.35	70.0
		[illegible] MOSAIC - RUBBLE BX [illegible] BY [illegible] FILLING MATRIX. [illegible] @ 60° TO CA. [illegible] 8.93 [illegible]	81914 8.10-9.62	0.14	0.08	2.79	8 ~~0.03~~	0.03	8.10	9.62	1.52	1.34	88.2
		[illegible] OF [illegible] MX-CARB MATRIX W/ LOCAL REPLACEMENT OF [illegible] FROM 9.62-9.76 [illegible] GL, PY VNS UP TO [illegible] DISCONTINUOUSLY @ 25° TO CA. [illegible] AND @ 50° TO CA [illegible] 3-5% MED STEEL GL IN CLOTS UP [illegible] IN LIMONITE VNS W/ 1-2% FINE [illegible]	81915 9.62-10.59	2.86	3.00	4.12	69 ~~0.08~~	0.08	[illegible]	10.59	0.97	0.93	95.9

YUKON MINERALS - PERREX JOINT VENTURE

DDH [illegible] PROPERTY [illegible]

092538

DIAMOND DRILL LOG

Page [illegible]

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	Cu %	RUN FROM	TO	RUN	RECOV	RECOV %
10.59	12.79	DARK [illegible] FINE CRYSTALLINE DOLOSTONE [illegible] [illegible] W/ HCL, MINOR [illegible] FRACTURE [illegible]	81916 10.59-11.53	0.08	0.07 ~~<0.01~~	0.42 ~~0.07~~	<5 ~~[illegible]~~	<0.01	10.59	11.53	0.94	[illegible]	[illegible]
		AS ABOVE	81917 11.53-12.79	0.01	0.02	0.09	<5	<0.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12.79	[illegible]	BLEACHED OR [illegible] [illegible] AS ABOVE MOSAIC TO RUBBLE BX IN A CARBONATE & LIMONITE MATRIX	81918 12.79-13.20	0.07	0.10	0.38	<5	0.01	12.79	13.20?	[illegible]	[illegible]	
13.20	13.97	[illegible] 70% LIMONITE REPLACEMENT OF [illegible] RUBBLE BX LIMONITE & CARBONATE MATRIX 14.60-14.75 CONTAINS 30% GL IN [illegible] UP TO 10% 3 cm ACROSS W/ [illegible] IN [illegible] UP TO 1 cm ACROSS BX OCCUR IN LIMONITE [illegible] [illegible] FE-CARB ALTERED BLEACHED DOLOSTONE. [illegible] [illegible] OCCUR [illegible] C.A. [illegible] GL BEARING LIMONITE VN @ 40° TO C.A.	81919 13.20-13.97	14.95	9.78	9.55	341	0.19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13.97	14.85	G.T. DARK FINE CRYSTALLINE DOLOSTONE MOSAIC BX TO MASSIVE. [illegible] BY LIMONITE-CARBONATE [illegible] FRACTURE [illegible] W/ MINOR COARSE ERRATIC DOLOSTONE VNS UP TO 1 cm WIDE. SECTION CONTAINS A SET OF PARALLEL LIMONITE FRACTURES UP TO 2 cm WIDE W/ CLOTTED [illegible] GL UP TO 2 cm ACROSS AND BLEBS OF [illegible] UP TO 5 mm ACROSS. TOTAL SECTION CONTAIN TR-1% GL BX BEARING FRACTURES @ 65° & 52° TO CA.	81920 13.97-14.85	0.64	0.52	2.92	34	0.02	13.97	14.85	0.88	[illegible]	[illegible]

YUKON MINERALS - PERREX JOINT VENTURE

DDH YMC 68-21 PROPERTY Ketza

665260

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DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz/ton	Pb %	Zn %	Au oz/ton ppb	Cu %	FROM	TO	(illegible)	(illegible)	(illegible)
1.		Mineralized dolostone ; 0.1 % galena	81947	0.33	0.37	0.33	18	<0.01					
14.85	16.10	Med grey, medium Xine dolostone ; Qtz veins, white, to 3 mm thick, usually with thin limonitic borders, typically at 45° C.A ; Irregular hairline fractures lined with hematite form network with patches of limonite up to 1 mm thick. Limonite is largely an alteration of pyrite cubes ; up to 2 mm diameter in thicker fracture ; minor galena in fractures. Green coating along fractures	14.85 - 16.10						14.85	16.10	1.25	1.25	100
16.10	17.07	Mineralized dolostone 0.4% galena Med grey, medium Xine dolostone. White qtz veins, to 3 mm thick, usually with thin limonitic borders, at ~ 45° CA. Irregular, often sub parallel, thin (< 1 mm) fractures filled with pyrite, altered in part to limonite. Concentrations of these at 16.15 and 16.70 - 16.95 are at 60° CA. Some of these filled with 1 - 5 mm thick galena ; these zones are vuggy, vugs parallel to fractures. Green coating along fractures	81948	0.58	0.52	0.16	24	<0.01					
			16.10 - 17.07						16.10	17.07	.90	.90	100
17.07	17.82	Mineralized dolostone ; 0.1 % galena Med grey, medium to coarsely Xine dolomite ; darker dolomite → in spaces between breccia fragments. White quartz ± dolomite veins at 20 - 45° CA. Thin rubble bx with dolomite + minor pyrite at 20.00 , 19.80 Green coating along fractures.	81949	0.54	0.19	0.05	16	<0.01					
			17.07 - 17.82						17.07	17.82	.75	.75	100
17.82	24.50	Dolostone, fossiliferous Med grey, med to coarsely Xine dolostone ; possible brachiopod remnants. darker, dolomite in spaces between breccia fragments and along some bedding (?) planes. less brecciated than the above units White quartz ± dolomite veins at 20 - 45° CA. Thin rubble bx with dolomite + minor pyrite cement at 19.80 , 20.00 m Green coating along fractures	81950	0.06	0.08	0.03	7	<0.01					
			17.82 - 18.59						17.82	18.59	.77	.77	100
									18.59	20.12	1.53	1.53	100

YUKON MINERALS - PERREX JOINT VENTURE — DIAMOND DRILL LOG

DDH YMC 88-21 PROPERTY Ketza

092539

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	RUN FROM	TO	RUN (m)	RECOVERY (m)	% CORE
		17.8 - 24.50 (continued).						20.12	21.64	1.52	1.52	100
		24.10 - 24.25 Rubble Lx, cemented with grey dolostone.						21.64	23.16	1.52	1.47	100
24.50	31.30?	DOLOSTONE - Amphipora						23.16	24.69	1.53	1.49	
		Med grey, medium xine dolostone, with darker grey dolostone along some bedding(?) planes and as matrix in breccia zones. Minor crackle breccia at 26.21 and 28.35 m.						24.69	26.21	1.52	1.39	
		Minor thin quartz and dolomite veins; these are up to 5mm thick at 26.50 and 28.40 m. Veins often lined by limonite (after pyrite).						26.21	27.74	1.53	1.17	
		Green coating (chlorite or epidote?) + limonite on fracture surfaces.						27.74	28.45	0.71	0.56	
		Disseminated ellipsoidal limonitic patches 2 - 10mm long throughout; probably dolomite replacements after Amphipora.						28.45	29.41	0.96	0.84	
								29.41	30.18	.77	0.67	
		No block at end of hole to indicate footage.						30.18	31.30?	1.12?	0.98	

...ERALS - ... JOINT VENTURE — DIAMOND DRILL LOG

Ym 88-22 — PROPERTY: KETZA — 092539 — Page 1 of 2

(metres) FROM	TO	DESCRIPTION
0	3.66	overburden
3.66	5.68	recrystalised dolomitic mudstone homogeneous unit with thin random pyritic altered to limonite carbonate fracture fillings. 2mm → 1cm qtz veins showing slight shearing along contacts and crystals growing in vugs. Small fault breccia at 5.13m, limonite with dolomite breccia clasts, edges marked by quartz slickenslides 35° to core axis
5.68	7.61	Medium grey dolostone as above showing brecciated? or reworked dolostone clasts varying in degrees of roundness crosscut by same pyrite limonite dolomite veinlets mentioned above: ie quart veinlets
7.61	11.38	Brecciated med grey Dolostone / recrystalised matrix. Same as above, slightly more brecciated with more intense veinlets & associated limonite – same as above with thin 2mm limonitic Galena (5%) fracture filling in places & associated Gypsum crystals
11.38	12.53	As above, more intense brecciation with 2mm → 1cm limonitic fracture filling veinlets containing spotty fine grained Galena, with iron stained vugs. Veinlets random to core axis
12.53	14.44	Highly fractured dolostone brecken in core along fracture sets coated by limonitic surfaces. 32° to core axis. Possable faulting disrupted previously brecken breccia & limonite matrix.
14.44	14.94	As above with significantly less brecciation – limonite & spotty <1% fine grained Galena veinlet 31° To core axis

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ~~oz\ton~~ ppb	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECO (%)
						3.66	5.18	1.52	1.48	97
						5.18	6.71	1.53	1.47	96
						6.71	8.23	1.52	1.50	98
7.61 to 8.23 81976	0.05	0.07	0.02	8	<0.01	7.61	8.23	.62	.60	96
9.75 to 11.38 81977	0.25	0.44	0.33	7	<0.01	9.75	11.38	1.63	1.50	92
11.38 to 12.53 81978	0.55	0.26	2.39	16	0.02	11.38	12.53	1.15	1.07	93
						12.8	14.33	1.53	1.41	92
12.53 - 14.64 98933	0.03	0.05	0.36	9	<0.01	12.53	14.64	2.11	1.98	94
14.64 to 14.84 81979	2.13	2.25	6.68	61	0.06	14.64	14.84	.20	.20	100
14.84 - 15.85 98934	0.03	0.01	0.09	1	<0.01	14.84	15.85	1.01	.97	96

YUKON MINERALS - PEPPER JOINT VENTURE — DIAMOND DRILL LO

HOLE NO. YM 88-22 PROPERTY KETZA 085260 Page 2 of 3

DEPTH (metres) FROM	TO	DESCRIPTION
14.94	23.47	Recrystalized dolomitic mudstone, medium grey, homogeneous, with Quartz, carbonate + limonite veinlets 20° to core axis ranging from 1mm to 5mm wide. Evidence of numerous recrystalised amphipora in zones. Limonite stains core reddish brown at surfaces with small pyrite cubes present with trace manganese stain in small vugs. No other presence of sulphides seen.
23.47	27.64	Recrystalised dolomitic homogeneous mudstone Same as above, despite lack of amphipora & less veinlets. Veinlets present are random with the last fracturing event cross cutting previous fractures at 32° to core axis. Strong pressure solution "Stylolites" represent an earlier event to fracturing & have minute pyrite flecks along them. General lack of vugs & increase in Mn stain with depth. Calcite crystals along fractures with more limonitic fracture fillings
27.64	28.04	As above with an increase in manganese staining

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV (m)	REC (%)
						14.33	15.85	1.52	1.25	82
						15.85	17.37	1.52	1.45	95
						17.37	18.9	1.53	1.50	98
						18.9	20.42	1.52	1.50	98
						20.42	21.95	1.53	1.49	97
						21.95	23.47	1.52	1.51	99
						23.47	24.99	1.52	1.50	98
						24.99	26.52	1.53	1.49	97
						26.52	28.04	1.52	1.39	91
19.5-20.5 18935	<0.01	<0.01	0.03	11	<0.01	19.5	20.5	1.0	.98	96

YUKON MINERALS - PERREX JOINT VENTURE

DIAMOND DRILL LOG

DDH YM 88-22 PROPERTY KETZA

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DEPTH (metres) FROM	TO	DESCRIPTION
28.04	29.21	Highly fractured dolostone increasing in brecciation with depth. Repeditive Fractures 10° to core axis with limonite & Mn stain approximatly parallel to eachother 5 to 7cm apart. Silicification at end of zone with Quartz matrix supporting brecciated dolostone clasts
29.21	29.47	Mottled, brecciated fractured dolostone As above with small galena vein (fine grained) nearly parallel to core axis ≈ 1 cm thick. Not much limonite or alteration of lead seen in core which is very rubbly ∴ more of mineralised zone may have been lost
29.47	31.09	Homogeneous partialy brecciated dolostone like above, much less fractures though repedative at ≈10° to core axis. Little to no Mn stain, Reapearance of amphipola
31.09	32.61	Homogeneous med grey dolostone showing slight mottling texture due to recrystalisation and many secondary thin randomly orientated Pyrite≈ limonite carbonate fracture filling with minor brecciation in vugs. Dominant fracture sets 20° to core axis is last fracturing event. No sulphides observed. END OF HOLE

SAMPLE No. INTERVAL	Ag oz/ton	Pb %	Zn %	Au ~~oz/ton~~ ppb	Cu %	CORE FROM	CORE TO			
28.04 to 29.21 81980	0.02	0.03	0.11	∠8	∠0.01	28.04	29.21	1.23	1.11	90
29.21 - 29.47 81981	1.90	2.31	0.13	∠5	∠0.01	29.21	29.47	.26	.22	85
29.47 - 31.09 81982	0.04	0.04	0.04	7	∠0.01	29.47	31.09	1.62	1.55	96
						31.09	32.61	1.52	1.51	99

YUKON MINERALS - PERREX JOINT VENTURE

PROPERTY Ketza

YMC 88-23

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DEPTH (metres) FROM	TO	DESCRIPTION
0	4.50	Overburden — No block at start of hole.
4.50	6.90	DOLOSTONE Dark grey, medium xine dolostone with brachiopod and amphipora ? relicts. White carbonate veins common 1-5 mm thick with pyrite cubes and liming's partially altered to brown hematite. Larger veins often in sets at 30-50° CA. Fewer colourless qtz veins. Fault at 4.90 m at 70° CA.
6.90	9.14	FOSSILLIFEROUS STYLOLYTIC DOLOMITE Dark grey to brown, medium xine, strongly stylolytic dolostone with abundant brachiopod and amphipora (?) remnants. Black residue on stylolytes. Vugs up to 6 cm lined with euhedral dolomite and younger colourless quartz. Unit possibly sandier than overlying dolomite.
9.14	10.00	DOLOSTONE with QTZ VEINS and FAULTS. Grey to brown medium xine dolostone. Large ~~qtz~~ white qtz veins to 5 cm thick at ~ 45° CA. Fault surfaces with slickensides along qtz veins. Thin phyllite layers along fault surfaces.
10.00	15.30	SILTY and SANDY DOLOSTONE OR DOLOMITIC SS & PHYLITE Med. to dark grey to greenish + brownish dolostone with quartzitic laminae to 1 cm thick; abundant thin (1mm) phyllitic laminae along either bedding or shear planes. Some sections may be crossbedded. Phyllitic laminae limonitic
15.30	16.30	FAULT ZONE - LIMONITIC Pale to med grey, silty to sandy dolostone. 1 cm limonitic Zone is sheared + crackle brecciated; with rubble bx zone at 15.40m and a 10 cm limonitic rubble bx zone 16.30m. Shearing is consistently at 35° CA and is cut by rubble bx fault zones cutting core at ~70° CA. Shearing offsets 1-5 mm thick qtz veins cutting core at 30-50° CA.
16.30	21.95	BRECCIATED SILICIFIED DOLOSTONE

SAMPLE No. INTERVAL	Ag oz/t	Pb %	Zn %	Au ~~oz/t~~ ppb	Cu %
81985 15.30 - 16.30	0.01	0.01	0.10	9	<0.01

DDH FROM	TO	True Width (m)	Recovered Width (m)	%
4.50	5.18	~~68~~ ? .68		-
5.18	6.10	.92	.92	100
6.10	7.62	1.52	1.45	
7.62	9.14	1.52	1.52	100
9.14	10.67	1.53	1.42	
10.67	12.19	1.52	1.30	
12.19	13.11	1.02	0.69	
13.11	14.33	1.22	0.93	
14.33	14.94	0.61	0.53	
15.30	16.30	1.00	1.17	
14.94	16.46	1.52	1.27	
16.46	17.98	1.52	1.52	
17.98	18.90	.92	.90	

YUKON MINERALS - PERREX JOINT VENTURE

DDH YMC 88-23 PROPERTY Ketza

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DIAMOND DRILL LOG

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ppb	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV. (m)	REC. %
16.30	23.97	BRECCIATED SILICIFIED DOLOSTONE (continued) Pale to medium grey to grey green, medium to fine xine. dolostone, partially silicified and hard. Dolomite, ± medium limonite (altered pyrite), ± qtz veins 1-5 mm common. Crackle brecciation with thin limonite alteration common. Mosaic to rubble bx 10% of interval, distributed more or less evenly in 5-10 cm intervals. o/a at 60-70° CA.							18.90	20.42	1.52	1.40	
									20.42	21.34	.92	.78	
									21.34	21.95	.61	.48	
		21.95 - 23.97 Mineralized; < 1% galena in pyritic fracture at 60-70° C.A. (same as in rubble bx in faults above.)	81986 21.95 - 23.47	0.02	0.02	0.05	8	<0.01	21.95	23.47	1.52	1.42	93.4
23.97	26.21	BRECCIATED, SILICIFIED, MINERALIZED DOLOSTONE (GALENA ZONE). Pale to medium grey to grey green, medium xine dolostone, partially silicified. Less silicified than previous interval, but with white, vuggy qtz filled veins, ± galena. About 1% galena. Galena veins 1-5 mm thick. Galena veins at 60-70° CA. Brecciation, crackle, and about 10% rubble bx outlined by limonite (altered pyrite)	81987 23.97 - 24.99	0.83	1.01	0.04	10	<0.01	23.97	24.99	1.02	.96	94.1
			81988 24.99 - 26.21	0.16	0.21	0.34	14	<0.01	24.99	26.21	1.22	1.20	98.4

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM 88-03 PROPERTY MATA

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DIAMOND DRILL LOG

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(FEET) FROM	(metres) TO	DESCRIPTION
		BLUE-GREY MED-FINE CRYSTALINE DOLOSTONE I SILICIFIED MASSIVE W/ MINOR UNKNOWN CALCITE FRACTURE FILLINGS @ YOUNGEST IS PARALLEL TO CA. NEXT @ 65° TO CA AND [illegible] UMONITE & FE-CARB @ 65° TO CA. (TRACE ARSENITE (?)) TR GL ALONG OLDEST FRACTURE CALCITE VEIN.
		VZ.
26.99	27.72	AS ABOVE MASSIVE COARSE & STEEL GL I TETRAHEDRITE IN 40% LIMONITE QUARTZ W/ MINOR POWDERY YELLOW MINERAL - SCORODITE? CONTAINS 10% BLEACHED GREEN GREY DOLOSTONE. TR MALACHITE LOWER CONTACT @ 52° UPPER CONTACT @ 65°
27.72	31.66	BLEACHED GREY DOLOSTONE FRACTURE TO MOSAIC BX BRECCIATED BY QUARTZ-CARBONATE-LIMONITE STRINGERS UP TO 3cm WIDE, ALSO FINER VUGGY MILKY (CHALCEDONY?) VEINLETS UP TO 5cm WIDE @ 60° TO CA. AT 27.51m A 1cm WIDE LIMONITE & QUARTZ BAND OCCURS @ 70° TO CA. NO VISIBLE SX
		AS ABOVE W/ BLEACHED MOSAIC TO RUBBLE BX QUARTZ CARBONATE LIMONITE/FE-CARBONATE MATRIX FROM 28.18 - 28.65
		MASSIVE GREY BRECCIATED I SILICIFIED DOLOSTONE. 29.76 - 27.72 BROKEN CORE. [illegible] CUT BY VUGGY QUARTZ VEINLETS UP TO 1cm WIDE @ 60° TO CA. W/ TR GL. * 30cm CAVE IN THIS INTERSECTION
		GREY DOLOSTONE AS ABOVE W/ 1cm WIDE [illegible] CRUDELY QUARTZ VN @ 65° TO CA.

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECO (%)
81921 26.21-26.99	0.13	0.10	0.33	<5	L0.01	26.21	[illegible]	[illegible]	[illegible]	[illegible]
81922 26.99-27.72	27.9	27.9	11.8	17	0.25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81923 27.72-[illegible]	1.81	0.99	2.93	<5	0.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81924 27.71-29.26	0.23	0.20	0.48	<5	L0.01	27.40	[illegible]	1.52	[illegible]	[illegible]
81925 29.26-31.09	0.08	0.13	0.13	<5	L0.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81926 31.09-31.68	0.04	0.05	0.93	<5	L0.01	31.09	31.68	0.59	0.40	(?)

YUKON MINERALS - PERREX JOINT VENTURE

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DEPTH (metres) FROM	TO	DESCRIPTION
31.68	31.85	1" OZ BLEACHED PALE YELLOW DOLOSTONE AUGMENTED BY 30-40% LIMONITE MOULD MATRIX AND SULPHIDE REPLACEMENT W/3-5% STEEL GL + TETRAHEDRITE AS BLEBS UP TO 1cm ACROSS IN LIMONITE.
31.85	34.14	GREY/BLUE MED-FINE CRYSTALLINE DOLOSTONE ± SILICIFIED. CONTAINS MINOR QUARTZ VUGGY 2cm WIDE VARIETS @ 60-65° TO CA. BROKEN BY LATER HAIRLINE CARBONATE VNLETS. NO VISIBLE SX 34.14 EOH.

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	Cu %	RUN FROM	RUN TO	RUN (g)	RECOV (g)	RECOV (%)
81927 31.68-31.85	0.89	1.08	10.75	61	0.13	31.68	31.85	0.17	0.16	94.1
81928 31.85-33.22	L 0.01	0.02	0.35	< 5	L 0.01	31.85	33.22	1.37	1.35	98.5
						33.22	34.14	0.92	0.85	92.4

YUKON MINERALS - PERREX JOINT VENTURE

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(metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ppb	Cu %
0	3.30	Overburden - No block at start of core						
3.30	7.36	PHYLLITE Largely dark grey, minor pale grey and dark greenish grey thinly laminated phyllite with 1-10 mm quartz laminae // phyllite laminae. Some (4.50-4.80) seem boudinaged or flaser bedding. Sandy laminae pyritiferous and rusty. Pyrite xs up to 1 cm, now altered to cubic vugs. 20 cm quartzite at 7.00 m; does not disturb phyllite orientation. Phyllite laminae at 20° CA at 3.30 to 60° CA at 7.30 m. Transition from phyllite to dolostones gradational.	# correct 18927 7.32-8.84	0.03	0.03	0.05	12	<0.01
7.36	9.60	PHYLLITIC, SILTY, DOLOMITIC SANDSTONE, FINELY LAMINATED; V. MINOR GALENA Pale green (7.36) to med grey (9.60), thinly laminated, medium xline dolomitic, v. fine grained sandstone or sandy dolomite. 80° CA at top to 90° CA at bottom. Laminae 1-5 mm thick Large qtz vein 10 cm thick at top at 50° CA (i.e cuts laminations) Thin qtz veins 1-5 mm thick // laminae or various other angles to CA. Euhedral pyrite + galena xs up to 4 mm in qtz vein at 45° CA. Limonitic zone 10 cm thick at 7.60 m. Galena < 0.1% Large amount of fine to v fine grained qtz after complete dissolution with 30% HCL						
9.60	14.94	DOLOSTONE, SLIGHTLY BRECCIATED. Med grey, coarsely crystalline dolostone; Multiple generations of white quartz-carbonate veins, with carbonate linings and quartz cores; Oldest are typically at 40-50° CA, later ones to 80° CA Latest ones limonitic at 40° CA but different strike. Phyllitic laminae variably present. Limonite (after pyrite) largely along phyllitic laminae. Vugs along some of the shears. Shearing, limonite, and bx increase to bottom; typically at 70° CA; bx largely crackle bx. Pale dolostone fragments towards bottom.	# correct 18926 14.94-16.46	0.11	0.14	0.53	16	0.01
14.94	16.46	DOLOSTONE, SLIGHTLY BRECCIATED, MINERALIZED. (~0.5% PBS) Pale to medium grey, coarsely crystalline dolostone; all crackle bx, thin rubble bx at 15.30 m with 2 cm strongly limonitic alteration. Galena clots in limonitic fractures. About 0.5% galena.						
16.46	27.00	PALE GREY DOLOSTONE Pale grey, coarsely xline dolostone; disseminated limonitic N coarsely xline patches 1-5 mm may be						

RUN FROM	TO	RUN (m)	RECOV (m)	%
0	3.30	3.30	—	
3.30	4.27	.97	.97	100
4.27	5.79	1.52	1.34	
5.79	7.32	1.53	1.15	
7.32	8.84	1.52	1.47	96.7
8.84	10.36	1.52	1.44	
10.36	11.89	1.51	1.51	100
11.89	13.41	1.52	1.42	
13.41	14.94	1.53	1.53	100
14.94	16.46	1.52	1.48	[illegible]
16.46	17.98	1.52	1.44	
17.98	19.51	1.53	1.53	100
19.51	21.03	1.52	1.52	100

YUKON MINERALS - PERREX JOINT VENTURE

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DDH YM 88-24 PROPERTY Ketza

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(metres) TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\to	Pb %	Zn %	Au ~~oz\ton~~ ppb	Cu %	RUN FROM	RUN TO	(a	
16.24 27.00	(cont'd) remnants of Amphipora. Rock hard in places, may be siliceous or silicified. Showing decreases from top. ~~green~~ stain Qtz-carbonate veins 1 - 15 mm at 30-50° C.A. present. Limonite + pale ~~green~~ staining veins and fractures. A few fractures with minor galena at 20.50 m.							21.03	22.56	1.53	1.46
								22.56	23.47	.91	.91 100
								23.47	24.99	1.52	1.52 100
								24.99	26.52	1.53	1.53 100
27.00 28.70	PALE GREY DOLOSTONE, FAULT ZONE, MINERALIZED. Pale grey, med. Xine dolostone; siliceous or silicified in part. Crackle brecciated, with rubble breccias at 27.00 (5 cm) and 28.15 - 28.30. Limonitic, pale rusty and white quartz alteration along fractures, esp. in rubble breccias. Vein Zone: 28.15 - 28.30; no galena seen elsewhere in interval.	18928 27.00 - 28.15	<0.01	0.01	0.03	6	<0.01	27.00	28.15	.85	.80 94%
								26.52	28.04	1.52	1.47
		18929 28.15 - 28.30	2.57	3.70	0.20	11	0.01	28.15	28.30	.15	.15 100
								28.04	28.65	.61	.50
		18930 28.30 - 29.57	<0.01	0.01	0.04	6	<0.01	28.30	29.57	1.22	1.15 94%
								28.65	29.57	.92	.85
28.70 40.23	PALE GREY DOLOSTONE, Pale grey, med to coarse Xine dolostone; in part siliceous or silicified (fault). Remnants of bedding planes at ~50° CA. Thin qtz-carbonate-limonite fractures with variable orientation; veins up to 1 cm thick in upper part of interval; limonite + carb line walls, qtz is later. Limonite lining both light + dark brown. 31.09 - 34.30 thin limonite/qtz/carb veins have minor galena and blebs on veins < 1 mm thick. 39.00 - 40.23 - limonitic fractures at 0°-20° to CA.							29.57	31.09	1.52	1.40
		18931 31.09 - 32.61	0.02	0.04	0.01	8	<0.01	31.09	32.61	1.52	1.48 97%
		18932 32.61 - 34.14	0.04	0.03	0.01	5	<0.01	32.61	34.14	1.53	1.52 99%
								34.14	35.66	1.52	1.51
								35.66	37.19	1.53	1.52
								37.19	38.71	1.52	1.52 100

YUKON MINERALS - PERREX JOINT VENTURE

92539

DIAMOND DRILL LOG

HOLE NO. YM 89-24 PROPERTY Ketza

WIDTH (metres) FROM	TO	DESCRIPTION

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au oz\ton	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECOV (%)
					38.71	40.23	1.52	1.52	100
					end of hole				

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-31 PROPERTY KETZA PROPERTY

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DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	oz/t	ppb				
0	4.27	overburden				4.27	5.79	1.52	.91	60
		Nonfossiliferous dark grey Dolostone				5.79	6.71	.92	.48	52
4.27	8.60	very blocky core causing poor recovery up to 10cm blocks. Dark grey relatively fresh dolostone with pervasive limonitic carbonate fractures. 2-7mm wide. which represent at least 2 fracturing periods. A late phase of fracturing at 55° to C/A is characteristic of Quartz veining with thin limonitic halos. Limonitic fracture faces constitute <1% of total				6.71	7.5	.79	.45	57
						7.50	8.23	.73	.44	60
		Nonfossiliferous Dark Grey Dolostone								
8.60	12.19	More competant core with considerably less fracturing. Thin limonitic/carbonate fractures at 45° to C/A with late superimposed qtz F.F at same angle. Quite dense Homogeneous unit				8.23	9.14	.91	.67	74
						9.14	10.36	1.22	.71	58
						10.36	11.58	1.22	.28	23
						11.58	12.19	.61	.32	85
						12.19	13.11	.92	.60	65
		Quartz vein zone	81028							
12.19	13.36	Barren white qtz material 40° to C/A & contact with Dark Grey Dolostone wall rock. which crosscutt earlier thin 1-2mm limonitic carbonat fractures which run 40-45° to C/A. Vein contacts very sharp with thin limonitic halos. Vein zone includes a bleached & brecciated zone of altered angular dolostone clasts in a light brown quartz & carbonate matrix. End of vein zone the Quartz is redder with increased iron stain. Small inclusions of chloritic & sericite pelitic bands are common. No visable sulphides present.	12.19-13.36		20	12.19	13.36	1.17	.67	57.3

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-31 PROPERTY KETZA PROPERTY

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DEPTH (metres) FROM	TO	DESCRIPTION
		Homogeneous Dark Grey Dolostone.
13.36	17.37	Dark competant unit consistent across measured length with limonitic stained carbonate filled fractures. Loss of core due to grinding in fractured zones. Stylolites appear here with small exsolution vugs 2-4mm along them often small limonitic - red pyritic weathering stain on edges. Quartz veinlets 7mm wide run 45-50° to C/A. & superimpose earlier fracturing.
17.37	18.29	Possable Vein Zone.
		Poor recovery due to ground core - blocky core with limonitic F.F along 35° to C/A planes 1-5mm wide. producing a crackle breccia. Possable vein zone mainly lost at ≈ 17.6m where a ground 8cm zone shows strong limonitic alteration & bleaching. Core on both sides is lighter than seen above but very hard to distinguish.
		Homogeneous Light Grey Dolostone.
18.29	20.73	Slightly bleached light grey dolostone consistant across measured length. Numerous thin limonitic/carbonate fractures 1-3mm wide 65-70° to C/A. with enlarged vugs up to 10mm due to pressure solution. These are a later event infilled with anhedral quartz with thin limonitic halos. Tension fractures 35mm long & 6mm wide in parallel series infilled with Qtz at 35° to C/A.

SAMPLE #	INTERVAL	Au oz/ton	Pb %	Zn %	Cu ppb	FROM	TO			
						13.11	13.9	.79	.53	67
						13.9	15.24	1.34	1.08	81
						15.24	15.73	0.49	.32	65
						15.73	16.76	1.03	.47	46
						16.76	17.37	0.61	.25	41
81029	17.37-18.29	0.06	0.07	0.03	12	17.37	18.29	0.92	0.41	45
						18.29	19.20	0.91	0.40	44
						19.20	20.73	1.53	1.28	84

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-31 PROPERTY KETZA PROPERTY

092539

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DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. / INTERVAL	Au ppb	Ag	Cu %	Pb	Zn
		Med Grey Dolostone						
20.37	24.69	Slightly bleached, quite blocky core. Core breaks along dissolution cavities formed along stylolites at 75-80° to C/A. These vugs lined by thin 1mm limonitic halos. Previous fracturing at random high angles are thin 1-2mm & penetrate core diameter. Fracturing produces a crackle type breccia which becomes more pronounced where core is not ground.						
							20.37 22.25	1.88 1.46 78
							22.25 22.86	0.61 0.40 66
							22.86 23.47	0.61 0.54 87
							23.49 24.69	1.22 0.36 30
	25.44	Crackle breccia	81030	0.33	0.22	2.42	20	0.02
24.69	26.36	with Dolostone clasts 5-20mm, angular, set in a matrix of thin 1-3mm limonitic / carbonate fracture fillings generally random in orientation, superimposed by a fracture set at ± angle to c/a. Slightly bleached in color, becoming more limonitic near 25.44.	24.69-25.44					
							24.69 25.44	0.75 0.54 72.0
			81031	55.5	70.9	0.27	27	1.90
			25.44-25.48					
							25.44 25.48	0.04 0.04 100
25.44	25.48	Vein Zone	81032	1.05	0.92	4.53	23	0.09
		Massive med grained Galena with very sharp limonitic contact with hanging & footwalls at 75° to C/A. Complete recovery ? yellow streaks may be minetite	25.48-25.61					
							25.48 25.61	0.13 0.13 100
25.48	25.61	Bleached Dolomite footwall						
		light limonitic yellow/brown in color mosaic breccia, where Dolomite clasts appear quite blocken and edges are blocken & rounded & are generally more elongated 5-15 mm. Thin quartz veinlets crosscut at 45-50° to C/A. & small Quartz blebs & stringers suggest possable silicification. Light brownish smears may be sphalerite						
							24.69 26.36	1.67 1.43 86
			81033	0.08	0.06	0.26	9	<0.01
			25.61-26.36					
							25.61 26.36	0.75 0.74 99
25.61	26.36	Blocken Brecciated Light grey Dolostone						
		- Mossaic breccia near 25.61-25.75 with rounded clasts 7-15mm. Zone contains numerous fracture sets with thin limonitic halos along carbonate fracture fillings at 25° to C/A & 55° to C/A. with dissolution cavities infilled with white quartz. Weathered pyrite/limonite only sulphides except possable sphalerite which is not visably present.						
							24.69 26.36	1.67 1.43 86
		Brecciated Zone between veins	81034	0.12	0.07	0.13	11	0.01
26.36	27.34	Med grey mossaic breccia with large angular clasts of Dolomite with thin 2-3 mm limonitic / carbonate matrix superimposed by a parallel set of fractures at 55° to C/A.	26.36-27.34					
							26.36 27.34	0.98 .86 88
			81035	0.08	0.09	1.18	8	0.01
			27.34-28.04					
							27.34 28.04	0.7 .60 86
		Bleached Mossaic Dolostone Breccia						
27.34	28.04	light grey color with large angular clasts separated by limonitic fracture filling - like above sample.						
							26.26 28.04	1.68 1.40 87

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-31 PROPERTY KETZA PROPERTY

4 - 4

092539

DEPTH (metres) FROM	TO	DESCRIPTION
28.04	28.14	**Vein Zone** Bleached Rubble Brecciated Dolostone with limonitic fracture fillings along thin 1-4mm fractures with disseminated galena blebs 2-10mm & fine grained galena stringers 1-3mm wide. Galena constitutes ≈ 5% of sample & smeary brown material may be sphalerite
28.14	28.20	**Vein Zone** Massive med grained Galena with thin discontinuous 6te & limonitic pods, very sharp contacts with wallrock at 50° to C/A. Contacts are very sharp bright oxidised surfaces
28.2	30.48	**Homogeneous light Grey Brecciated Dolostone** - Slightly bleached dolostone clasts set in a limonitic/carbonate matrix of fracture infillings 1-4mm wide generally in a parallel set 45° to C/A. Stylolites have a dark ? carbonaceous film along contacts generally at high angles to core axis. Sheen on core suggests possible minor silicification, or a sandy component to the dolostone. Core becomes ground with depth & ? more cherty looking LAST fracture set 50-55° to C/A. have limonitic halos & more siliceous fracture fillings.
30.48	35.66	**Homogeneous Medium Grey recrystalised Dolostone** - very competant unit throughout measured zone & shows very little change. Relatively fresh with major fracturing at 75-80° to C/A. Carbonate F.F. with very little limonitic stain in parallel fracture sets decreasing in number with depth. Shows no sign of brecciation or intense deformation, cherty look in zones suggestive of silicification. END OF HOLE 35.66 metres.

21.02
31.39

SAMPLE No. INTERVAL	Ag oz/ton	Pb %	Zn %	Au ppb	Cu %				
81036 28.04 - 28.14	6.55	5.24	7.70	26	0.10				
81037 28.14 - 28.20	60.0	56.0	1.99	61	0.29				
81038 28.2 - 29.57	0.24	0.19	0.63	12	0.01				
						28.04	28.14	0.10	0.10 100
						28.2	29.57	1.37	1.34 98
						28.04	29.57	1.53	1.50 98
						29.57	30.48	0.91	0.37 41
						30.48	31.09	0.61	0.56 92
						31.09	32.92	1.83	0.58 32
						32.92	34.14	1.22	1.06 87
						34.14	35.66	1.52	1.46 96
				TOTAL		1.27	35.66	31.39	21.02

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-32 PROPERTY KETZA PROPERTY

092560

DDH (metres) FROM	TO	DESCRIPTION	SAMPLE No. / INTERVAL	Au ppm	Ag ppm	Cu ppm	Pb %	C FROM	TO			
0	3.66	overburden						3.66	5.18	1.52	1.33	87.5
		Brown oxidised Phyllite										
3.66	6.21	light brown homogeneous Qtz, sericite phyllite with foliation 45° to C/A. core is easy broken along fissility planes & becomes more competent with depth. Approaching 5.6m, Quartz blebs & stringers appear & fractures become more limonitic						5.18	6.71	1.53	1.38	90.2
		Quartz veining in Med Grey Dolostone										
6.21	8.23	Relatively fresh unaltered med grey Dolostone with clean breakage planes interupted by Barren white Quartz vein's generally 10 - 30mm wide with thin 2mm wide limonitic / carbonate halos which often contain angular <1cm dolostone clasts ≈ 30° to C/A. Smaller thin 1-5mm carbonate limonitic fracture fillings, preceeded Qtz veining at random orientations. Near contact with upper phyllites, small flaky bands of dark chloritic phyllitic clasts are evident. Brecciation becomes evident at 7.5m, where early fracturing is more condensed & secondary Qtz veining has brecciated the fractured dolostone. - no visable sulphides	81039 / 6.21-8.23	<0.5	65	212	8	6.21	8.23	2.02	1.86	92.1
								6.71	8.23	1.52	1.50	98.7
		White Quartz Vein	81040 / 8.23-9.75	0.7	88	115	10	8.23	7.75	1.52	1.44	94.7
8.23	9.75	Barren white quartz, massive with intraclasts of very brecciated med grey angular Dolostone fragments and scattered limonitic weathered carbonate halos. Slickenslide surface at 9.15 at a plane. 45° to C/A. marked by limonitic halos. No visable sulphides										
		Quartz veining & Brecciated Dolostone	81041 / 9.75-11.94	2.6	77	184	12	9.75	11.94	2.19	1.81	82.6
9.75	11.94	Highly fractured massive Qtz vein with layers of dolostone brecciated intraclasts and 15cm zone of brecciated dolostone. Quartz has limonitic stain from carbonate/limonitic fracture filling and soft green grey clasts of argillic alteration of possable wall rock intraclasts. No visable sulphides						9.75	10.82	1.07	.69	64.5
								10.82	12.34	1.52	1.40	92.1

YUKON MINERALS - PERREX JOINT VENTURE

DDH YM-88-32 PROPERTY: KETZA PROPERTY

092560

(metres) FROM	TO	DESCRIPTION
11.94	15.85	**Grey Homogeneous Dolostone** Medium grey recrystalised dolostone with both Qtz veinlets at 35° to C/A 3-10mm wide with limonitic halos which crosscut earlier thin 1-5mm carbonate/limonitic fracture filling at 40 & 75° to C/A. Scattered amphipora appear in this unit at ≈ 5-10% in zones. Pressure solution contacts separate slightly more mottled units from possable amphipora zones. Small vugs appear along stylolite contacts & carbonat fractures, often deep red color due to weathering of iron/sulphide minerals "12.34-12.8" completly lost due to grinding.
15.85	16.37	**Bleached Dolostone & Limonitic veinlets** light grey dolostone with thin 1-2mm dark grey fine grained material parallel to core axes and crosscutting intensly limonitic fractures & vugs 2-15mm wide, which occur randomly in core.
16.37	17.37	**Bleached Dolostone** light grey crackle breccia dolostone lightly bleached with angular clasts set in carbonate/limonite fracture fill matrix. Quartz veinlets cut at 55° to C/A & have limonitic halos 1-2mm wide, core appears slightly cherty along fractures.
17.37	24.49	**Lightly bleached Homogeneous Dolostone** Very homogenous unit, light grey in color with small zones of crackle breccia ≈ 35-45 cm wide. Thin carbonat veinlets & F.F crosscut at 65° to C/A Crosscut by 1-3mm fractures at 45° to C/A. lastly cut at 10mm white barren Qtz veins at ≈40° to C/A. Core appears lightly silicified in zones "Chert".

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ppb	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECOV (%)
						12.34	12.80	0.76	0.10	13.1
						12.80	14.33	1.53	1.47	96.1
						14.33	15.85	1.52	1.52	100
81042 15.85-16.37	0.01	0.01	0.05	11	<0.01	15.85	16.37	0.52	0.48	92.4
						15.85	17.37	1.52	1.49	98.0
						17.37	18.9	1.53	1.41	92.2
						18.9	19.2	0.3	0.11	36.7
						19.2	20.12	0.92	0.8	87.0
						20.12	21.64	1.52	1.52	100
						21.64	22.25	0.61	0.30	49.2
						22.25	23.16	0.91	0.6	59.3

(metres) FROM	TO	DESCRIPTION
		Med Grey Dolostone
24.49	27.43	Very homogenous competant unit, med grey in color, excellent coring with sparse carbonate/limonitic F.F. 1-2 mm wide at random high angles to C/A. Crackle breccia occurs at 27.25m ± increases towards 27.43
		Limonitic & Galena Breccia Zone
27.43	28.04	Brecciated dolostone with 10 cm zone of ≈ 75% intense limonite with pods of fine grained Galena ≈ 5% & possable Sphalerite in breccia zone with contact at 70° to C/A.
		Homogeneous Med Grey Fossiliferous Dolostone
28.04	32.92	Med grey competant good coring unit, Scattered amphipora throughout. Very clean, little fracturing. Fractures have limonitic contacts ≈ 70° to C/A. parallel to later Carbonate/quartz veinlets 3-7mm wide. 15cm zones of minor brecciation & traces of carbonate/limonitic matrice. Stylolites quite evident by limonitic coatings on opposing surfaces.

SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ppb	Cu %	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECOV (%)
						23.16	24.69	1.53	1.45	94.8
						24.69	25.30	0.61	0.42	68.9
						25.30	26.82	1.52	1.42	93.4
81043 26.82-27.43	<0.01	0.01	0.02	9	<0.01	26.82	27.43	0.61	0.46	75.4
81044 27.43-28.04	6.09	6.54	1.02	21	0.12	27.43	28.04	0.61	0.50	82.
81045 28.04-28.85	0.01	0.03	0.04	10	<0.01	28.04	28.85	0.81	0.72	88.9
						28.04	28.35	0.31	.31	100
						28.35	29.26	0.91	0.76	83.5
						29.26	30.18	0.92	0.89	96.7
						30.18	31.39	1.21	1.21	100
						31.39	32.92	1.53	1.53	100
						32.92	34.44	1.52	1.40	92.1

YUKON MINERALS - PERREX JOINT VENTURE

092539

DIAMOND DRILL LOG

DDH YM-88-32 PROPERTY KETSA

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz/ton	Pb %	Zn %	Au ppb	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECOV (%)
		Homogenous Light Grey Dolostone										
32.92	38.71	very consistent unit, excellent coring, lightly oxidized restricted to fractures infilled by carbonate. ≈ 1-2mm @ 35° to Ca, otherwise core appears slightly bleached. Small non pervasive stylolites are present often along zones of slightly more fractured core, & core breaks along them. Small zones of scattered amphipora present ≈ 25% fossils						32.92	34.44	1.49	1.41	94.6
								34.44	35.66	1.22	1.22	100
								35.66	36.12	0.46	0.30	65.2
38.71	41.7	Homogenous Light Grey Slightly phyllitic Dolostone						36.12	37.19	1.07	1.07	100
		excellent coring, light grey homogenous unit with very few fractures at ≈ 35° to C/A, thin 1-3mm limonitic surfaces. Core is, recognisably phyllitic, where foliation planes evident at 45° to C/A. best seen along breaking surfaces. Minor brecciation in 15cm zones & minor pyrite/limonite weathering pits along foliation planes.						37.19	38.71	1.52	1.50	98.7
								38.71	40.23	1.52	1.32	86.8
		Medium Grey Dolostone										
41.7	46.86	Homogenous good coring zone, medium grey in color no visable fossills. Relatively fresh with few fractures at ≈ 33° to C/A. Fractures are thin 1-2mm @, slightly limonitic. Larger quartz veinlets crosscut at 30° to C/A generally 10mm wide with slightly limonitic carbonate halos & Geopedal structures in veinlets which probably infilled tension fractures.						40.23	41.76	1.53	1.46	95.4
								41.76	43.28	1.52	1.50	98.7
								43.28	44.81	1.53	1.53	100
								44.81	46.33	1.52	1.51	99.3

'UKON MINERALS - PERREX JOINT VENTURE

88338

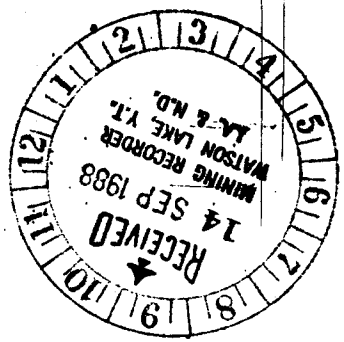
DIAMOND DRILL LOG

DH YM-88-32 PROPERTY KETZA

DEPTH (metres) FROM	TO	DESCRIPTION	SAMPLE No. INTERVAL	Ag oz\ton	Pb %	Zn %	Au ppb	RUN FROM	RUN TO	RUN (m)	RECOV (m)	RECOV (%)
		Med Grey Crystaline Dolostone										
46.86	51.81	Med grey to darker grey with depth Homogenous dolostone with zones of crackle bicciation due to 3 or more periods of fracturing at ≈40, ≈15, 75° to C/A approximatly. well developed Styolites also aid in fracturing complexity. Fractures & styolites well marked by thin light yellow limonitic surfaces.						46.33	47.85	1.52	1.49	98.0
								47.85	49.38	1.53	1.35	88.2
		Pressure solution cavities along Styolites & fractures infilled by geopedal Qtz & carbonate 5-25mm wide,						49.38	50.90	1.52	1.50	98.7
		Hole at projected vein intersection shows no sign of bicciation or veining activity. End of hole shows still relativly undisturbed dolostone with no real alteration do rock or small structures mentioned						50.90	51.81	0.91	0.87	95.6
		END OF HOLE 51.81										
						TOTAL		3.66	51.81	48.15	45.44	
												94.3%

JEFF 3 YA45705

BULL DOZER TIME SHEETS



Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

092539

For: Yukon Mining

Property: Keno

Date: 23/6/88 Machine:

Operator: Dale

WORK DESCRIPTION	HOURS
Drill Rds.	2.5
Haul Road	
	1

Misc. & Chargeable

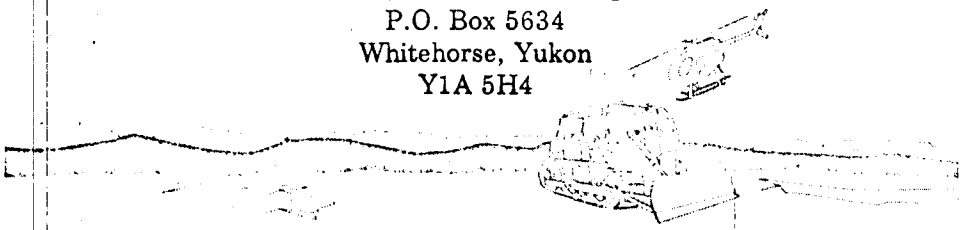
Machine Time

Total Operator Time

APPROVED BY:

Ampex Mining

P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4



For: Yukon Minerals

Property: Kreta

Date: July 21 Machine: D7E

Operator: Swede

WORK DESCRIPTION	HOURS
moving drill to	
site - PM	2 1/2
Both blading road - (N end	1/2
Misc. & Chargeable	
Machine Time	3
Total Operator Time	3

APPROVED BY: [signature]

Ampex Mining

P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

092539

For: Yukon [illegible]

Property: [illegible]

Date: July 20 Machine:

Operator:

WORK DESCRIPTION	HOURS
Worked on [illegible]	
and on drill [illegible]	3 1/2
Misc. & Chargeable	
Machine Time	3 1/2
Total Operator Time	

APPROVED BY:

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

For: Yukon Minerals
Property: Keta
Date: July 24 Machine: D7E
Operator: [illegible]

WORK DESCRIPTION	HOURS
Brought fuel to the pump	1
Dri/move between F[illegible]	
& lucky	3½

Misc. & Chargeable	
Machine Time	4½
Total Operator Time	4½

APPROVED BY: [illegible]

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

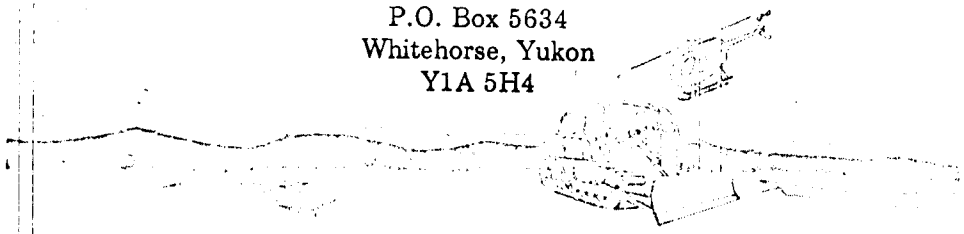
For: Yukon
Property: Keta
Date: July Machine:
Operator:

WORK DESCRIPTION	HOURS
B[illegible]	
Cleaning [illegible]	3

Misc. & Chargeable	
Machine Time	3
Total Operator Time	

APPROVED BY:

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4



For: YUKON MINERALS

Property: KETZA.

Date: 25/06/88 Machine: D76

Operator: WARREN

WORK DESCRIPTION	HOURS
MOVE DRILL TO P.N.	5.5

Misc. & Chargeable
Machine Time 5.5
Total Operator Time 5.5

APPROVED BY:

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

092539

For: YUKON

Property: KETZA

Date: 24/06/88 Machine: D76

Operator: DON

WORK DESCRIPTION	HOURS
Drill move to P.N.	10½

Misc. & Chargeable
Machine Time 10½
Total Operator Time

APPROVED BY:

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

For: Yukon Minerals

Property: Ketza.

Date: 27/06/88 Machine: D7G.

Operator: Unseen.

WORK DESCRIPTION	HOURS
P.N. Drill move.	2.5

Misc. & Chargeable
Machine Time 2.5
Total Operator Time 2.5

APPROVED BY: D. Hill

Ampex Mining
P.O. Box 5634
Whitehorse, Yukon
Y1A 5H4

092539

For: Yukon Minerals

Property: Ketza

Date: 25/06/88 Machine: [illegible]

Operator: Don

WORK DESCRIPTION	HOURS
fuel to pump 1 mile.	2

Misc. & Chargeable
Machine Time 2
Total Operator Time

APPROVED BY:

CARBON DIAMOND DRILLING LTD. 7 Rou[illegible] Road, Whitehorse, Yukon Y1A 3H3 Phone (403) [illegible]

Mud

June 17

12 pails DD-2000	@ $130.00 ea	$ 1,560.00	
June 21			
10 pails DD-2000	@ $130.00 ea	$ 1,300.00	
From Noranda			
10 pails GS-550	@ $252.00 ea	$ 2,520.00	$ 5,380.00

Credit

Yukon Mineral Invoice June 28/88		($ 400.00)
Total Invoice:		$75,091.50

092539

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone (604) 985-0681
Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: VAN 88638.0 | PROJECT: KETZA | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB

ASSAY CERTIFICATES

JEFF 3 . YA 45705

YUKON MINERALS CORP

Ym88-21, 22, 23, 24, 31, 32

D2 81941	37	Ym88-25
D2 81942	510	
D2 81943	61	
D2 81944	25	Ym88-26
D2 81945	395	
D2 81946	110	

092539

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 Telex 036-8-337

July 31, 1988
Invoice #-2467
Drill #-70-7

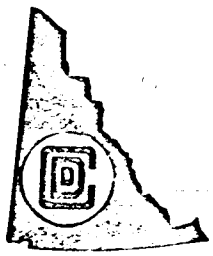
IN ACCOUNT WITH:

Yukon Minerals Corporation
522 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

Drilling Charges July 20 to 31, 1988: (Ketza Project)

Hole # 88-31/-45/ HWL				
Moving				
23 man hrs.	@ $32.00 per hr.	=	$ 736.00	
Travelling Time				
7 man hrs.	@ $32.00 per hr.	=	$ 224.00 ✓	
Casing				
0 - 14 = 14 ft.	@ $26.00 per ft.	=	$ 364.00 ✓	
Coring				
14 - 117 = 103 ft.	@ $26.50 per ft.	=	$2,729.50 ✓	$ 4,053.50 ✓
Hole #88-32/-67/H				
Moving				
8 man hrs.	@ $32.00 per hr.	=	$ 256.00 ✓	
Waterline				
~~3 man hrs.~~	@ $32.00 per hr.	=	~~$ 96.00~~ } CLASSIFIED AS REPAIRS — SEE JULY 23 - NIGHT - TIME SHEET	
Travelling Time				
6 man hrs.	~~@ $32.00 per hr.~~	=	~~$ 192.00~~ ✓	
Casing				
0 - 12 = 12 ft.	@ $26.00 per ft.	=	$ 312.00 ✓	
Coring				4,047.00
12 - 170 = 158 ft.	@ $26.50 per ft.	=	$4,187.00 ✓	~~$5,043.00~~
Hole: #88-33/-90/H				
Moving				
21 man hrs.	@ $32.00 per hr.	=	$ 672.00 ✓	
Travelling Time				
4 man hrs.	@ $32.00 per hr.	=	$ 128.00 ✓	
Casing				
0 - 12 = 12 ft.	@ $26.00 per ft.	=	$ 312.00 ✓	
Coring				
12 - 59 = 47 ft.	@ $26.50 per ft.	=	$1,245.50 ✓	$ 2,357.50 ✓

092539



July 2, 1958
Invoice # 2420
Drill # 70-7

IN ACCOUNT WITH

Yukon [illegible]
522 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

Drilling Charges June 16 to July 2, 1958: (Ketza Project)

Hole # SS-15 to SS-29, HWL

Moving				
114 man hrs	@ $32.00 per hr.		$ 3,648.00	✓
Beaming Cave				
2 man hrs.	@ $32.00 per hr.	$ 64.00		
1 machine hr	@ $21.00 per hr.	$ 21.00	$ 85.00	✓
Waterline				
22 man hrs	@ $32.00 per hr.		$ 704.00	
Conditioning Hole - mud				
4 man hrs.	@ $32.00 per hr.	$ 128.00		
2 machine hrs.	@ $21.00 per hr.	$ 42.00	$ 170.00	✓
Testing				
20 man hrs.	@ $32.00 per hr.	$ 640.00		
10 machine hrs.	@ $21.00 per hr.	$ 210.00	$ 850.00	✓
Travelling Time				
64 man hrs.	@ $32.00 per hr.		$ 2,048.00	✓
Casing				
195 ft.	@ $26.00 per ft.		$ 5,148.00	✓
Coring				
1,949 ft.	@ $26.50 per ft.		$51,648.50	$64,301.50
Tripe Tube Face Injection Drilling				
1,949 ft.	@ $2.00 per ft.			$ 3,898.00

092539

Core Box			
June 20			
40 HQ Core Boxes	@ $11.95 ea.	$ 478.00	
June 25			
25 HQ Core Boxes	@ $11.95 ea.	$ 298.75	
June 27			
50 HQ Core Boxes	@ $11.95 ea.	$ 597.50	
From Noranda			
45 HQ Core Boxes	@ $11.95 ea.	$ 537.75	$ 1,912.00

ndar-Clegg & Company Ltd.
Industrial Road
itehorse, Yukon Territory Y1A 2V1
one (403) 667 6523
ex 036 8 460

BONDAR-CLEGG

Geochemical Lab Report

FOR: VM-0.606.0

PROJECT: NONE GIVEN PAGE 1

NUMBER	ELEMENT UNITS	AU PPB	
16433		9	VM 88-22 ↓
16434		15	
16435		1	
16436		12	88-30 ↓
16437		19	
16438		13	88-29
16439		14	88-17 ↓
16440		12	
16441		79	

092539

BONDAR-CLEGG & COMPANY LTD.
136B INDUSTRIAL RD, WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO Yukon Minerals Corp.

Proj. KETZA

REPORT NO. W88-4638

DATE July 6, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock/drill core samples

MARKED	oz/ton Ag	% Pb	% Zn		
					High grade shipment No. 2
092539				8	
81941	0.66	0.47	4.96	88-25	
81942	18.45	16.7	3.85	88-25	
81943	1.43	0.64	5.12	88-25	
81944	0.21	0.09	0.94	88-26	
81945	7.87	10.18	4.36	88-26	
81946	0.55	0.58	0.42	88-26	

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JLR

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Certificate of Analysis

TO Yukon Minerals Corp.
(B. Fowler)

REPORT NO. W88-5608
DATE July 27, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton	%	%	%
	Ag	Cu	Pb	Zn
Ym88-22 18933	0.03	L0.01	0.05	0.36
Ym88-22 18934	0.03	L0.01	0.01	0.09
Ym88-22 18935	L0.01	L0.01	L0.01	0.03
18936	L0.01	L0.01	L0.01	0.01
Ym88-30 → 18937	0.01	L0.01	L0.01	0.01
Ym88-29 → 18938	0.04	L0.01	0.03	0.17

Ym88-17

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Certificate of Analysis

TO Yukon Minerals Corp.

REPORT NO. W88-4626 Pg. 2

DATE July 5, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton Ag	% Cu	% Pb	% Zn
81907	0.03		0.02	0.05
81908	0.97		0.05	6.10
81909	0.02		0.02	0.60
81910	0.03		0.03	0.08
81911	L0.01		0.02	0.02
81912	0.46		0.44	4.16
81913	0.02		0.03	1.50
81914	0.14	0.03	0.08	2.79
81915	2.86	0.08	3.00	4.12
81916	0.08	L0.01	0.07	0.42
81917	0.01	L0.01	0.02	0.09
81918	0.07	0.01	0.10	0.38
81919	14.95	0.19	9.78	9.55
81920	0.64	0.02	0.52	2.92

YM 88-21

BONDAR-CLEGG & COMPANY LTD.

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-04655.0 | PROJECT: KETZA | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
D2 18926		16
D2 18927		12
D2 18928		6
D2 18929		11
D2 18930		6
D2 18931		8
D2 18932		5
D2 81947		18
D2 81948		24
D2 81949	88-21	16
D2 81950		7
D2 81976		8
D2 81977		7
D2 81978		16
D2 81979	88-22	61
D2 81980		8
D2 81981		<5
D2 81982		7
D2 81983	88-29	21
D2 81984		5
D2 81985		9
D2 81986	88-23	8
D2 81987		10
D2 81988		14
D2 81989		39
D2 81990		17
D2 81991		2098
D2 81992		103
D2 81993	88-30	52
D2 81994		63
D2 81995		47
D2 81996		12

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Geochemical
Lab Report

ELEMENT	Au
UNITS	PPB
D2 81912	31
D2 81913	<5
D2 81914	8
D2 81915	69
D2 81916	<5
D2 81917	<5
D2 81918	<5
D2 81919	341
D2 81920	34

12-88(W)

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Certificate of Analysis

TO Yukon Minerals Corp.

Proj. KETZA

REPORT NO. W88-4655

DATE July 14, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock/drill core samples

MARKED		oz/ton	%	%	%						
		Ag	Cu	Pb	Zn						
MF →	13255	78.7		78.8							
YM88-21	81947	0.33	L0.01	0.37	0.33						
	81948	0.58	L0.01	0.52	0.16						
	81949	0.54	L0.01	0.19	0.05						
	81950	0.06	L0.01	0.08	0.03						
YM88-22	81976	0.05	L0.01	0.07	0.02						
	81977	0.25	L0.01	0.44	0.33						
	81978	0.55	0.02	0.26	2.39						
	81979	2.13	0.06	2.25	6.68						
	81980	0.02	L0.01	0.03	0.11						
	81981	1.90	L0.01	2.31	0.13						
	81982	0.04	L0.01	0.04	0.04						
YM88-29	81983	0.04	L0.01	0.03	0.43						
	81984	0.01	L0.01	0.02	0.14						
YM88-23	81985	0.01	L0.01	0.01	0.10						
	81986	0.02	L0.01	0.02	0.05						
	81987	0.83	L0.01	1.01	0.04						
	81988	0.16	L0.01	0.21	0.34						
YM88-30	81989	1.37	L0.01	0.94	1.22						
	81990	0.02	L0.01	0.02	0.04						

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Certificate of Analysis

TO Yukon Minerals Corp.

Proj. KETZA

REPORT NO. W88-4634

DATE July 6, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton Ag	% Cu	% Pb	% Zn	
81921	0.13	L0.01	0.10	0.33	DDH 88-23
81922	27.9	0.25	27.9	11.8	
81923	1.81	0.04	0.99	2.93	
81924	0.23	L0.01	0.20	0.48	
81925	0.08	L0.01	0.13	0.13	
81926	0.04	L0.01	0.05	0.93	
81927	0.89	0.13	1.08	10.75	
81928	L0.01	L0.01	0.02	0.35	

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Geochemical
Lab Report

REPORT: 088-04634.0 | PROJECT: KEITA | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
D2 81921		<5
D2 81922		17
D2 81923		<5
D2 81924		<5
D2 81925		<5
D2 81926		<5
D2 81927		61
D2 81928		<5

Grab 88-23

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Certificate of Analysis

TO Yukon Minerals Corp.

REPORT NO. W88-4655 Pg. 2

DATE July 14, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton	%	%	%
	Ag	Cu	Pb	Zn
81991	2.74	0.09	0.82	2.58
81992	0.23	0.01	0.14	1.04
81993	0.50	0.01	0.30	1.57
81994	0.44	0.01	0.26	0.70
81995	0.21	L0.01	0.17	1.07
81996	0.17	0.02	0.05	3.35
18926	0.11	0.01	0.14	0.53
18927	0.03	L0.01	0.03	0.05
18928	L0.01	L0.01	0.01	0.03
18929	2.57	0.01	3.70	0.20
18930	L0.01	L0.01	0.01	0.04
18931	0.02	L0.01	0.04	0.01
18932	0.04	L0.01	0.03	0.01

YM 88-30

YM 88-24

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Telex: 04-352667

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Geochemical Lab Report

REPORT: V88-04655.0 | PROJECT: KETZA | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
D2 18926		16
D2 18927		12
D2 18928		6
D2 18929		11
D2 18930		6
D2 18931		8
D2 18932		5
D2 81947		18
D2 81948		24
D2 81949	88-21	16
D2 81950		7
D2 81976		8
D2 81977		7
D2 81978		16
D2 81979	88-22	61
D2 81980		8
D2 81981		<5
D2 81982		7
D2 81983	88-29	21
D2 81984		5
D2 81985		9
D2 81986	88-23	8
D2 81987		10
D2 81988		14
D2 81989		39
D2 81990		17
D2 81991		2098
D2 81992		103
D2 81993	88-30	52
D2 81994		63
D2 81995		47
D2 81996		12

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Certificate of Analysis

REPORT: V88-04655.6

PROJECT: KETZA PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	
D2 81991		0.056	88-30 REPEAT ASSAY TO CHECK HIGH VALUE

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Registered Assayer, Province of British Columbia

136B INDUSTRIAL RD, WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO: Yukon Minerals Corp.
(Paul Ramaekers)

REPORT NO. W88-5609
DATE July 28, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock samples

MARKED	oz/ton Ag	% Cu	% Pb	% Zn
12-16-7-2 — 13326	6.75	L0.01	12.3	0.01
12-16-7-2 — 13327	55.9	L0.01	77.2	0.11
12-17-7-2 — 13328	1.85	2.28	0.42	2.45
12-17-7-2 — 13329	1.91	0.02	4.21	0.96
12-17-7-9 Hole #19 18942	0.04	L0.01	0.08	0.24
Hole #25 18943	0.05	L0.01	0.04	0.06

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136B INDUSTRIAL RD, WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO Yukon Minerals Corp.

Proj. KETZA

REPORT NO. W88-4656

DATE July 14, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED		oz/ton Ag	% Cu	% Pb	% Zn
YM88-26	81997	0.65	0.01	0.65	0.40
YM88-27	81998	1.68	0.01	1.42	0.42
	81999	1.80	0.04	2.04	0.43
	82000	0.97	0.01	1.21	0.34
	18901	0.27	0.03	0.15	3.09
YM88-25	18902	0.12	L0.01	0.14	0.22
	18903	0.67	0.03	0.53	0.58
	18904	0.16	0.01	0.10	0.72
	18905	0.06	L0.01	0.06	0.53
	18906	0.38	L0.01	0.25	0.60
	18907	0.58	0.04	0.37	0.95
	18908	0.07	0.01	0.05	0.75
YM88-28	18909	0.26	L0.01	0.30	0.09
	18910	0.14	0.01	0.09	0.10
	18911	2.95	0.01	3.10	0.10
	18912	0.45	L0.01	0.50	0.05
	18913	1.17	0.06	0.52	0.40
	18914	0.22	0.01	0.14	0.54
	18915	0.81	0.02	0.64	2.62
	18916	0.82	0.02	0.77	3.19

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Certificate of Analysis

TO Yukon Minerals Corp.

REPORT NO. W88-4656 Pg. 2

DATE July 14, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton	%	%	%					
	Ag	Cu	Pb	Zn					
YMB8-28 18917	0.37	0.01	0.13	2.50					
18918	0.09	0.01	0.11	1.98					
18919	0.04	L0.01	0.05	0.42					
18920	0.04	L0.01	0.05	0.04					
18921	0.09	L0.01	0.08	0.02					
18922	0.68	0.02	0.05	0.03					
18923	0.03	L0.01	0.01	0.01					

BONDAR-CLEGG & COMPANY LTD.

J. L. R.

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-04656.0 | PROJECT: KEIZA | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	
D2 18901		66	→ Ym88-27
D2 18902		24	
D2 18903		684	
D2 18904		288	Ym88-25
D2 18905		57	
D2 18906		75	
D2 18907		6	
D2 18908		27	
D2 18909		33	
D2 18910		51	
D2 18911		207	
D2 18912		78	
D2 18913		75	
D2 18914		24	
D2 18915		162	
D2 18916		81	Ym88-28
D2 18917		81	
D2 18918		30	
D2 18919		18	
D2 18920		30	
D2 18921		27	
D2 18922		36	
D2 18923		15	
D2 81997		99	→ Ym88-26
D2 81998		27	Ym88-27
D2 81999		87	
D2 82000		21	

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Certificate of Analysis

TO Yukon Minerals Corp.

(B. Fowler)

REPORT NO. W88-5611

DATE July 29, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED	oz/ton	%	%	%						
	Ag	Cu	Pb	Zn						
81030	0.33	0.02	0.22	2.42						
81031	55.5	1.90	70.9	0.27						
81032	1.05	0.09	0.92	4.53						
81033	0.08	L0.01	0.06	0.26						
81034	0.12	0.01	0.07	0.13						
81035	0.08	0.01	0.09	1.18						
81036	6.55	0.10	5.24	7.70						
81037	60.0	0.29	56.0	1.99						
81038	0.24	0.01	0.19	0.63						

YM88-31

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BONDAR-CLEGG & COMPANY LTD.

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Geochemical Lab Report

Plotted Aug 12/88

REPORT: V88-0611.0

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
2 81030		20?
2 81031		27
2 81032		23
2 81033		9
2 81034		11
2 81035		6
2 81036		26
2 81037		61
2 81038		12

Hole 31

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Certificate of Analysis

TO Yukon Minerals Corp.
(P. Ramaekers)

REPORT NO. W88-5612
DATE July 29, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock samples

MARKED	oz/ton Ag	% Cu	% Pb	% Zn
13335	111.		77.7	
13336	8.49		19.6	0.22
13337	47.2		47.2	
13338	70.0		82.5	
81029 Hole 31 CORE	0.06	L0.01	0.07	0.03

Certified. R.K.

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BONDAR-CLEGG & COMPANY LTD.

[illegible] & Company Ltd.
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[illegible], Yukon Territory Y1A 2Y1
[illegible] 4 (3) 667-6523
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BONDAR-CLEGG

Geochemical
Lab Report

phot

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[illegible] V83-0612.0

PROJECT: NONE GIVEN PAGE 1

[illegible] ELEMENT [illegible] UNITS	Au PPB	
[illegible]	12	
[illegible]	12	
[illegible]	37	
[illegible]	11	
[illegible]	27	
81028	20	Yn 85-31
81029	12	85-31

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136B INDUSTRIAL RD., WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO Yukon Minerals Corp.
(B. Fowler)

REPORT NO. W88-5621

DATE July 30, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock samples

MARKED		oz/ton	%	%	%						
		Ag	Cu	Pb	Zn						
Ym88-32	81042	0.01	L0.01	0.01	0.05						
	81043	L0.01	L0.01	0.01	0.02						
	81044	6.09	0.12	6.54	1.02						
	81045	0.01	L0.01	0.03	0.04						
Ym88-33	81046	L0.01	L0.01	0.02	0.04						
	81047	0.20	L0.01	0.49	0.04						
	81048	0.01	L0.01	0.01	0.05						

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BONDAR-CLEGG & COMPANY LTD.

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BONDAR-CLEGG

Geochemical Lab Report

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	AG PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CD PPM	CR PPM	CU PPM	GA PPM
B1039	Yin 88 32	8	<0.5	<50	<2	62	<4.0	<5	2	51	<2	7
B1040	32	10	0.7	<50	<2	73	<4.0	<5	<1	<5	<2	46
B1041	32	12	2.6	<50	<2	175	<4.0	<5	<1	6	6	43
B1042	32	11										
B1043	32	9										
B1044	32	21										
B1045	32	10										
B1046	Yin 88-33	12										
B1047	33	8										
B1048	33	10										

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Geochemical Lab Report

REPORT: [illegible]

PROJECT: NONE GIVEN PAGE [illegible]

SAMPLE NUMBER	ELEMENT UNITS	CU PPM	GA PPM	LA PPM	LI PPM	MO PPM	NB PPM	NI PPM	PB PPM	RB PPM	SN PPM	SC PPM
81039		23	21	<1	2	<5	<1	10	65	77	<5	2.0
81040		29	3	1	<1	<5	<1	4	88	<50	<5	<1.0
81041		65	3	3	2	<5	<1	20	77	66	<5	1.0
81042												
81043												
81044												
81045												
81046												
81047												
81048												

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Geochemical Lab Report

ORT: W83-0671.0

PROJECT: NONE GIVEN PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	SN PPM	SR PPM	TA PPM	TE PPM	TL PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
81039		45	68	<10	<20	<20	3	<10	9	212	3
2 81040		<30	20	<10	<20	<20	1	<10	2	115	<1
2 81041		30	53	<10	<20	<20	2	<10	7	184	11
2 81042											
2 81043											
2 81044											
2 81045											
2 81046											
2 81047											
2 81048											

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Geochemical Lab Report

KETZA DRILL

…ORT: V85-06621.0

PROJECT: NONE GIVEN PAGE 1

AMPLE UMBER	ELEMENT UNITS	AU PPB	
2 81039		8	YM 85-32 ✓
2 81040		10	
2 81041		12	put on lose pos 12/88 (?) V.
2 81042		11	
2 81043		9	
2 81044		21	
2 81045		10	
2 81046		12	YM 85-33 ✓
2 81047		8	
2 81048		10	

092539

136B INDUSTRIAL RD, WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO Yukon Minerals Corp.
(B. Fowler)

REPORT NO. W88-5629
DATE July 30, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described rock samples

MARKED		oz/ton Ag	% Cu	% Pb	% Zn
Jenny Surface (plotted P.K.)	13339	74.4	0.01	70.8	0.09
	13340	6.81	0.03	0.46	1.89
	13341	0.15	0.08	0.09	0.26
YM88-33	81049	0.27	L0.01	0.45	0.19
	81050	7.00	0.02	1.19	1.91
	81051	0.03	L0.01	0.02	0.36
	81052	0.38	0.10	0.08	11.0
	81053	0.01	L0.01	0.05	0.23
	81054	L0.01	L0.01	0.02	0.29
	81055	L0.01	L0.01	L0.01	0.05
	81057	L0.01	L0.01	L0.01	0.01

092539

BONDAR-CLEGG & COMPANY LTD.

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Geochemical Lab Report

REPORT: [illegible]

PROJECT: NONE GIVEN PAGE [illegible]

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	
13339		55	Jenny #2 High grade Galena
13340		133	Jenny #2 1m chip sample
13341		67	Jenny #1 oxide zone
81049		6	↑
81050		38	
81051		8	
81052		151	#33 plotted Aug 19/88 R.K.
81053		<5	
81054		<5	
81055		<5	
81056		<5	
81057		<5	↓

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	SB PPM	SR PPM	TA PPM	TE PPM	TL PPM	V PPM	W PPM	Y PPM	ZN PPM	ZR PPM
2 10039											
2 10040											
2 10041											
2 81049											
2 81050											
2 81051											
2 81052											
2 81053											
2 81054											
2 81055											
2 81056		57	233	<10	<20	<20	4	<10	8	230	2
2 81057											

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[illegible]	[illegible]	AU PPB	AG PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CD PPM	CE PPM	CO PPM	CR PPM
[illegible]		55										
[illegible]		136										
[illegible]		67										
[illegible]		6										
[illegible]		38										
[illegible]		8'										
81052		151										
81053		<5										
81054		<5										
81055		<5										
81056		<5	<0.5	<50	<2	44	<4.0	<5	<1	71	5	13
81057		<5										

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Geochemical Lab Report

REPORT: [illegible]

PROJECT: NONE GIVEN PAGE [illegible]

SAMPLE NUMBER	ELEMENT UNITS	CU PPM	GA PPM	LA PPM	LI PPM	MO PPM	NB PPM	NI PPM	PB PPM	RB PPM	SB PPM	SC PPM
[illegible]												
[illegible]												
[illegible]												
2 81049												
2 81050												
2 81051												
2 81052												
2 81053												
2 81054												
2 81055												
2 81056		2	29	<1	2	<5	<1	11	40	<50	<5	4.0
2 81057												

BONDAR-CLEGG & COMPANY LTD.
136B INDUSTRIAL RD, WHITEHORSE, YUKON Y1A 2V1 PHONE: (403) 667-6523

Certificate of Analysis

TO Yukon Minerals Corp.

Proj. KETZA

REPORT NO. W88-5636

DATE Aug 3, 1988

I hereby certify that the following are the results of analyses made by us upon the herein described drill core samples

MARKED		oz/ton	%	%	%
		Ag	Cu	Pb	Zn
YM 88-34	81058	0.07	L0.01	0.01	0.03
	81059	0.35	0.01	0.19	0.25
	81060	0.01	L0.01	0.01	0.01
	81061	0.01	L0.01	0.03	0.02
	81062	0.20	0.04	0.01	2.45
	81063	0.01	L0.01	0.01	0.06
	81064	0.04	L0.01	0.06	0.02

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Geochemical
Lab Report

PROJECT: KETZA

Sample Number	ELEMENT UNITS	AU PPB
8[illegible]053		14
8[illegible]057		48
8[illegible]058		15
8[illegible]061		7
8[illegible]062		221
8[illegible]063		13
8[illegible]064		11

#34 plotted Aug 19/88. R.M.

RECEIVED
14 SEP 1988
MINING RECORDER
WATSON LAKE, Y.T.
LA. & N.D.

092539

D.D.H. No.	Distance from Jeff 3 No.1 Post	Azimuth From Jeff 3 No.1 Post
Ym88-21	65m	306°
Ym88-22	65m	306°
Ym88-23	42m	304°
Ym88-24	42m	304°
Ym88-31	40m	271°
Ym88-32	40m	271°

Yukon Minerals Corp.
PN Zone - DDH Plan

Scale 1:5,000

NTS 105-F/10