

UKE RESOURCES LIMITED

ASSESSMENT WORK  
TUSCARORA MINERAL CLAIM  
YREKA COPPER - ZINC PROPERTY  
NANAIMO M.D. , B.C.  
N.T.S. 92 - L 5

September 12, 1980 CLIVE W. BALL  
P. ENG.

80-#523-#7981

50° 27' N, 127° 32' W

MINERAL RESOURCES BRANCH
ASSESSMENT WORK
<b>7981</b>
NO.

UKE RESOURCES LIMITED

REPORT ON ASSESSMENT WORK  
TUSCARORA MINERAL CLAIM  
YREKA COPPER & ZINC PROPERTY  
NEROUTSOS INLET , VANCOUVER ISLAND  
NANAIMO MINING DIVISION  
N.T.S. 92 - L - 5

VANCOUVER, B.C.  
SEPTEMBER 12th, 1980

CLIVE W. BALL, P.ENG  
CONSULTING GEOLOGIST

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I -CONCLUSION & RECOMMENDATIONS

Completion of 300 feet of surface diamond drilling in three holes 79-1, 79-2 & 79-3 required an expenditure of \$23,915.38 by Uke Resources Limited in the two month period ended December 1st, 1979. The diamond drill holes are located on the Tuscarora Mineral Claim , L-84 which forms an integral part of the group of sixteen reverted Crown-Granted Claims registered in the name of Uke Resources Limited.

It is recommended that the assessment work as filed in the Statement of Exploration and Development be accepted and recorded on all of the sixteen mineral claims as listed in Appendix "F".

## II -INTRODUCTION

The following report presents a summary of the results of diamond drilling on the Tuscarora Mineral Claim, completed by UKE RESOURCES LIMITED between October 1st, 1979 and December 1st, 1979.

The writer is well acquainted with the property having made field examinations in 1959, September 1978 and July 23, 1980. Three holes were completed on the Tuscarora Mineral Claim and the log of D.D. hole No. 79 - 1 by C.R. Saunders is included in Appendix "B", attached to this report. At the time of writing, no detailed logs are available for the other two D.D. holes but the core for D.D. holes Nos. 79-2 and 79-3 is laid out in 5 core boxes, alongside the new access road leading from the dock at tide-water to the Tuscarora Mineral Claim.

## III -LOCATION AND ACCESS

The Tuscarora Mineral Claim is part of the old Yreka mine property and is located on the west side of Neroutsos Inlet near the northern end of Vancouver Island. It is approximately 7 miles North-West of the town of Port Alice. Location is 50°27' North Latitude and 127°32' West Longitude. Access is by float-equipped aircraft, helicopter or by boat from Jeune Landing, which is 3 miles South-East of the property. Terrain is steep with typical slopes of over 35 degrees.

Elevations on the Tuscarora Claim range from 1,000 feet to 1,500 feet above sea-level.

Edison Creek runs through the centre of the Tuscarora Mineral Claim and ample water is available for diamond drilling.

IV -PROPERTY AND OWNERSHIP

A total of sixteen (16) reverted Crown - Granted Mineral Claims are registered in the name of UKE RESOURCES LIMITED. The claims are registered in the Nanaimo Mining Division and record date is March 20, 1978 for all 15 Claims.

V -DIAMOND DRILLING

In the period between October 1st 1979 and December 1st 1979, three diamond drill holes were completed on the Tuscarora Mineral Claim.

Size of the core is "EX", the three holes being as follows:

79 - 1	total depth	148 feet
79 - 2	" "	78 "
79 - 3	" "	74 "

Total Depth drilled = 300 feet

Log of D.D. hole 79-1 is attached to this report (Appendix "B".)

Approximate location of the three diamond drill holes is shown on the map in Appendix "C":

All work involved in the above diamond drilling was paid by Uke Resources Limited, using their own diamond drill machine and their own drillers.

VI -COST OF ASSESSMENT WORK DIAMOND DRILLING

For the period, October 1st to December 1st, 1979  
a total expenditure of \$23,915.38 was incurred by  
Uke Resources Limited.

The details are shown in the Itemized Cost Statement,  
Appendix "A" attached to this report.

The figures and costs submitted herewith agree with  
figures submitted in a Quarterly Report to the regulatory  
bodies.

Vancouver, B.C.  
September 12, 1980

Respectfully submitted  
*Clive W. Ball, P.Eng.*  
Clive W. Ball, PEng  
Consulting Geologist

APPENDIX "A"

Itemized Cost Statement  
for Diamond Drilling on  
Tuscarora M.C.

October 1st 1979 to December 1st, 1979

Diamond drill owned by Uke Resources Limited and operated by Messrs Arnie Rosen, Joe Iwasenko, and Paul Oliver \_ all costs as follows being paid by Uke Resources Limited:

Wages and Benefits	\$ 7,803.69
Consulting fee (B.Imrie of Mincom, Van)	4,000.00
Engineering	655.60
Camp Costs and lodging	2,274.07
Drilling Expenses --	
Parts for drill, bits rods and fuel-----	2,778.85
Travel and Auto	5,403.17
Boat -- 40 days @ \$25.00/day	1,000.00
Total	<u>\$23,915.38</u>



UKE RESOURCES LTD.

DRILL RECORD — DOLMAGE, CAMPBELL & ASSOCIATES LTD.

Hole No.: 79-1  
 Date: 12 Dec., 1979  
 Logged By: C.R. Saunders

Length: 148'  
 Azimuth: 200°  
 Dip: -40°

Project : Yreka  
 Location: Tuscarora  
 Purpose: Exploration

Core Size EX

DEPTH (metres)		ROCK TYPE	DESCRIPTION	CORE LOSS		
CM	TO			FROM	TO	LOST
0	147	RHYOLITE	<p>Medium steel grey, aphanitic to cryptocrystalline, locally finely porphyritic, hard (5), no apparent banding. This unit has been fractured and/or altered locally; some areas are lighter grey and harder (6+) due to pervasive silicification; fractured areas contain silica and some sulphides. The sulphide mineralization is associated with silicification but the reverse is not always true. The sulphides are predominantly pyrrhotite plus some chalcopyrite, local sphalerite and possibly some bornite. The chalcopyrite appears to rim the pyrrhotite.</p> <p>Some sections are highly siliceous (approaching pure quartz) and high in sulphides; the sulphides occurs as irregular masses, blobs, clusters and in short vein-like agglomerations. There may have been some brecciation after initial mineralization and before final mineralization.</p> <p>The unaltered rock contains extremely fine disseminated sulphides. Some areas contain fine quartz laths.</p> <p>(0 - 6.5) 20% sulphides (high pyrrhotite, some chalcopyrite), highly siliceous, light grey to white with dark sulphides; suggestion of fractures (filled) oriented @ 45°-60°; hard (6); somewhat heterogeneous appearance. Portions, such as 5-6.5 are peppered with coarse sulphides - somewhat like a porphyry; the sulphide blebs are commonly 2 mm in diam. but some are up to 5 mm. The contact at 6.5 is gradationally sharp over 1 cm.</p> <p>(12 - 18) As 0-6.5; more feast and famine sulphides, some sphalerite.</p> <p>(24 - 27) Quartz-eye porphyry - round watery quartz eyes to 2 mm but more commonly 1 mm.</p>			

Project YREKA  
 Hole No. 79-1

Project 79-1 Page 2

DEPTH		ROCK TYPE	DESCRIPTION	CORE LOSS		
FROM	TO			FROM	TO	LOST
			(70.5 - 72)	More recent fracture zone; some oxidation of sulphides, rubbly core, probably high quartz content.		
			(72 - 79)	Silicified with finer disseminated sulphides, approximately 5% peppered throughout - gives the 'appearance' of a rhyolite or trachyte porphyry; contacts all gradational; color is lighter grey than main rhyolite but only by a few shades.		
			(81.5 - 83.5)	As 72-79.		
			(86 - 89)	As 72-79 but less sulphides that are more erratically distributed.		
			(90 - 91)	As 72-79.		
			(91.5 - 92)	As 72-79		
			(95 - 95.5)	As 72-79.		
			(97 - 109)	Short, poorly mineralized sections; very little alteration or sulphide below 109'.		
147		END OF HOLE				

SAMPLE RECORD - DOLMAGE CAMPBELL & ASSOCIATES LTD.

DATE 12 Dec., 1979 COMPANY LIKE RESOURCES LTD. PROJECT Yreka

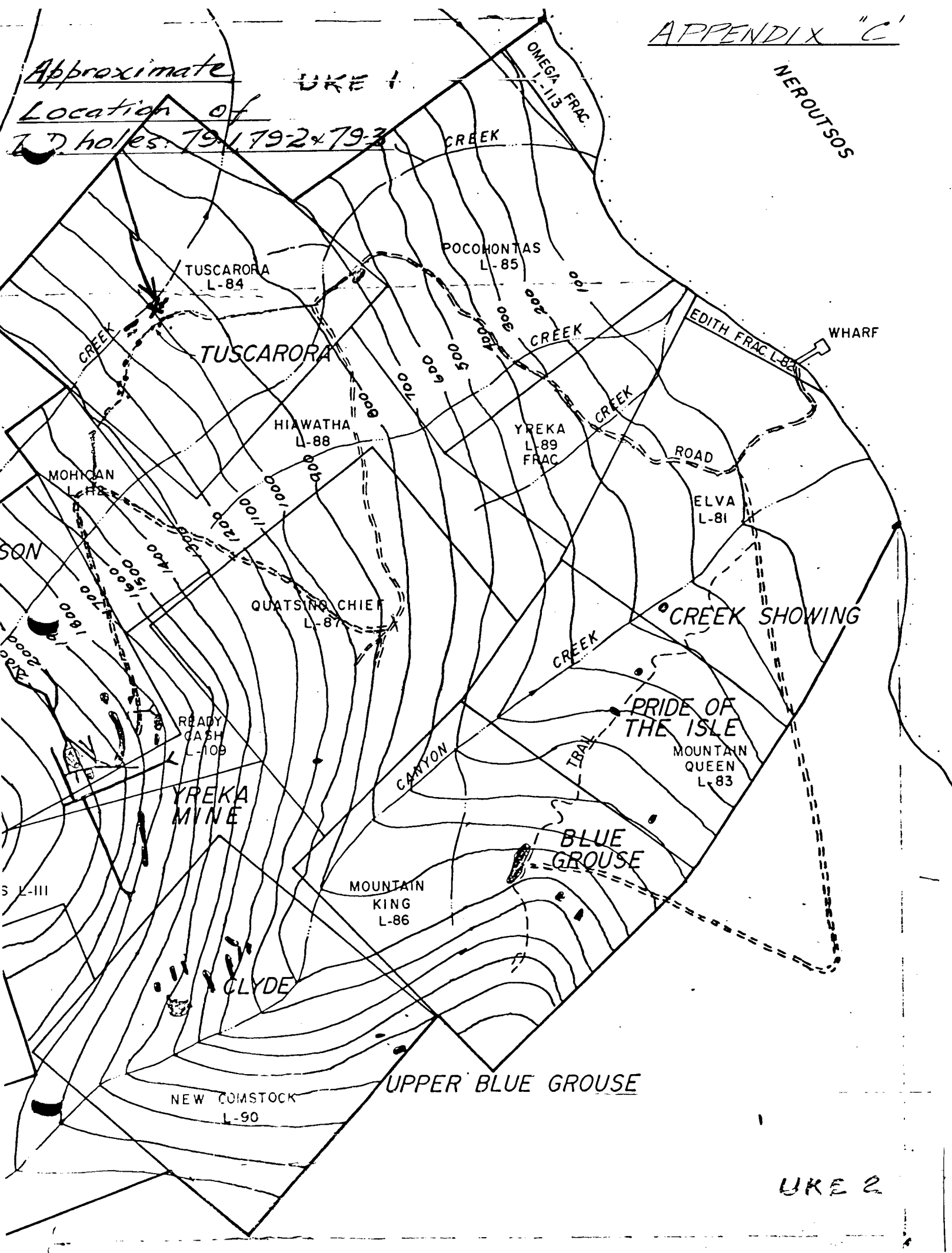
CORNER	TYPE	LOCATION	FROM	TO	DESCRIPTION	Ni	SAMPLE WIDTH	TRUE WIDTH	ASSAY					
									Cu	Zn	Au	Ag	Pb	
1876	Core	DDH 79-1	2.0	6.5			4.0							
77	✓	✓	6.5	11.0			4.5							
78	✓	✓	11.0	15.0			4.0							
79	✓	✓	15.0	18.0			3.0							
80	✓	✓	18.0	23.0			5.0							
81	✓	✓	23.0	28.0			5.0							
82	✓	✓	28.0	33.0			5.0							
83	✓	✓	33.0	38.0			5.0							
84	✓	✓	38.0	43.0			5.0							
85	✓	✓	43.0	48.0			5.0							
86	✓	✓	48.0	53.0			5.0							
87	✓	✓	53.0	58.0			5.0							
88	✓	✓	58.0	63.0			5.0							
89	✓	✓	63.0	68.0			5.0							
90	✓	✓	68.0	72.0			4.0							
91	✓	✓	72.0	79.0			7.0							
92	✓	✓	79.0	85.0			6.0							
93	✓	✓	85.0	90.0			5.0							
94	✓	✓	90.0	95.0			5.0							
95	✓	✓	95.0	100.0			5.0							
96	✓	✓	100.0	105.0			5.0							
97	✓	✓	105.0	110.0			5.0							
98	✓	✓	110.0	115.0			5.0							
99	✓	✓	115.0	120.0			5.0							
1900	✓	✓	120.0	125.0			5.0							
2026	✓	✓	125.0	130.0			5.0							
27	✓	✓	130.0	135.0			5.0							
28	✓	✓	135.0	140.0	4' Recovery		5.0							
29	✓	✓	140.0	147.0	4' /		7.0							

COMPANY: LIKE RESOURCES LTD.  
 PROJECT: Yreka

Approximate  
Location of  
LD holes 79-1, 79-2 & 79-3

UKE 1

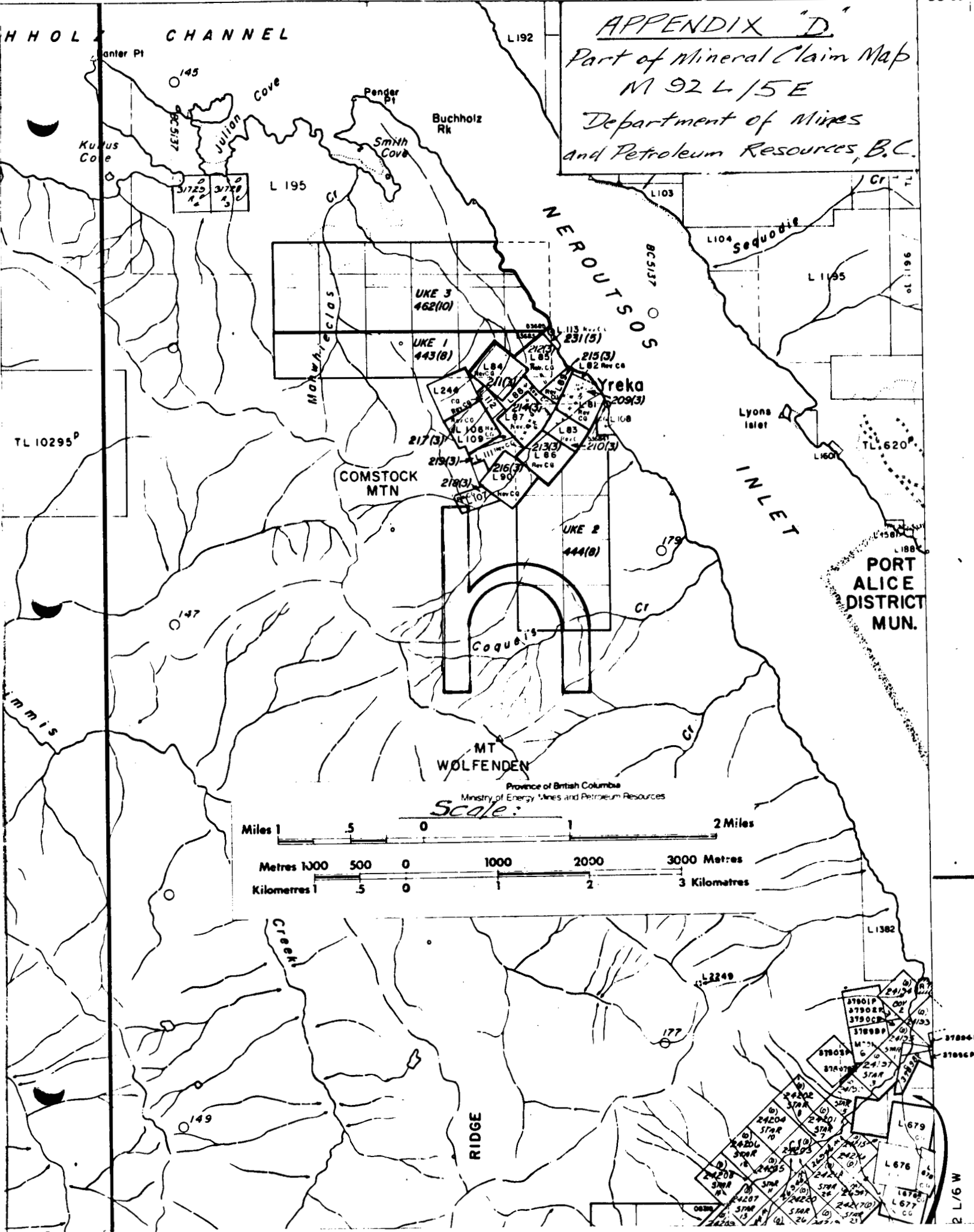
NEROUTSOS



UKE 2

UKE RESOURCES LIMITED

Map showing location of  
D.D. holes 79-1, 79-2 and 79-3  
Tuscarora M.C., Yreka property, B.C.  
Scale: 1 inch = 600 feet  
September 12, 1980 Clive W. Ball, P.Eng.



APPENDIX "E"

WRITER'S CERTIFICATE

I, Clive W. Ball, of 3191 West 36th Avenue, Vancouver, B.C., hereby certify as follows:

1. I am a consulting geologist residing at the above address.
2. I am an honours graduate of the University of Queensland, Brisbane, Australia, holding an M.Sc degree in Geology and Mineralogy.
3. As a geologist I have practiced my profession since 1935 in mining geology and exploration. For 30 years I was employed as a geologist on the staff of Placer Development Limited. Retiring as Chief Geologist in February of this year.
4. I am registered as a member of the Association of Professional Engineers (Geological) of the Province of British Columbia.
5. My knowledge of the Yreka property is based on field examinations at the mine site in 1959, September 1978 and July 23, 1980.
6. I hold no interest whatsoever in the Yreka property as encompassed in my report.

Vancouver, B.C.  
September 12, 1980

Respectfully Submitted

*Clive W. Ball, P. Eng*  
Clive W. Ball, P. Eng.

