

9464

REPORT ON DIAMOND DRILLING

KLISUM GROUP

Omineca Mining Division

N.T.S. 94D (8/9E)

56° 30'N 126° 08'W

OWNER: Kennco Exploration (Western) Ltd.

OPERATOR: Vital Mines Ltd.

T. Rodgers, P. Eng.

October 13, 1981

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INTRODUCTION

(i) The Klisum Group consists of 37 Kli claims and 3 Uta claims. It was first staked by Kennco in 1970 and optioned to Sumac in 1973. Vital Mines is the assignee of the option and has a beneficial interest in the property. Vital Mines Ltd. operates the property and paid for the work covered by this report.

(ii) The Klisum Group is approximately ten km S.S.E. of Johannson Lake at an elevation of 1600 m and covers the watershed between Lay and Kliyul Creeks. Johannson Lake can be reached by road from Fort St. James via Germansen Landing. Access to the property is by helicopter.

(iii) The drilling program consisted of four NQ holes totaling 602 m (1978').

(iv) The work was done on the Kli4 and Kli6 claims.

(v) The core is stored near the camp site on claim Kli15.

DRILLING

4 NQ holes were drilled under contract by Buccaneer Diamond Drilling Ltd. of Williams Lake, B.C.

The intention of the program was to investigate continuity and extension of known mineralization and to test a geological hypothesis.

What correlation between holes is possible suggests that the country rocks, a succession of dacitic, andesitic, and possibly more basic volcanics dip at about 20° to the north-north-west. A near vertical stockwork of calcite-epidote-magnetite veinlets cuts through the volcanics. In some sections clots of magnetite occur away from the veinlets. Chalcopyrite occurs chiefly in the veinlets but also disseminated in the country rock.

DRILLING COSTS

Cost basis	Overburden to 60'	\$ 20.00/ft.
	Coring 0 - 500'	\$ 21.00/ft.
	Coring 500 - 1000'	\$ 23.00/ft.
Field Costs	Labour	\$ 26.00/man-hour
	Drill with pumps	\$ 64.00/hr.
	Materials	Cost plus 15%
Mobilisation, Williams Lake to Johannson and return		\$ 10,000.00
Invoiced cost		<u>\$ 70,114.05</u>

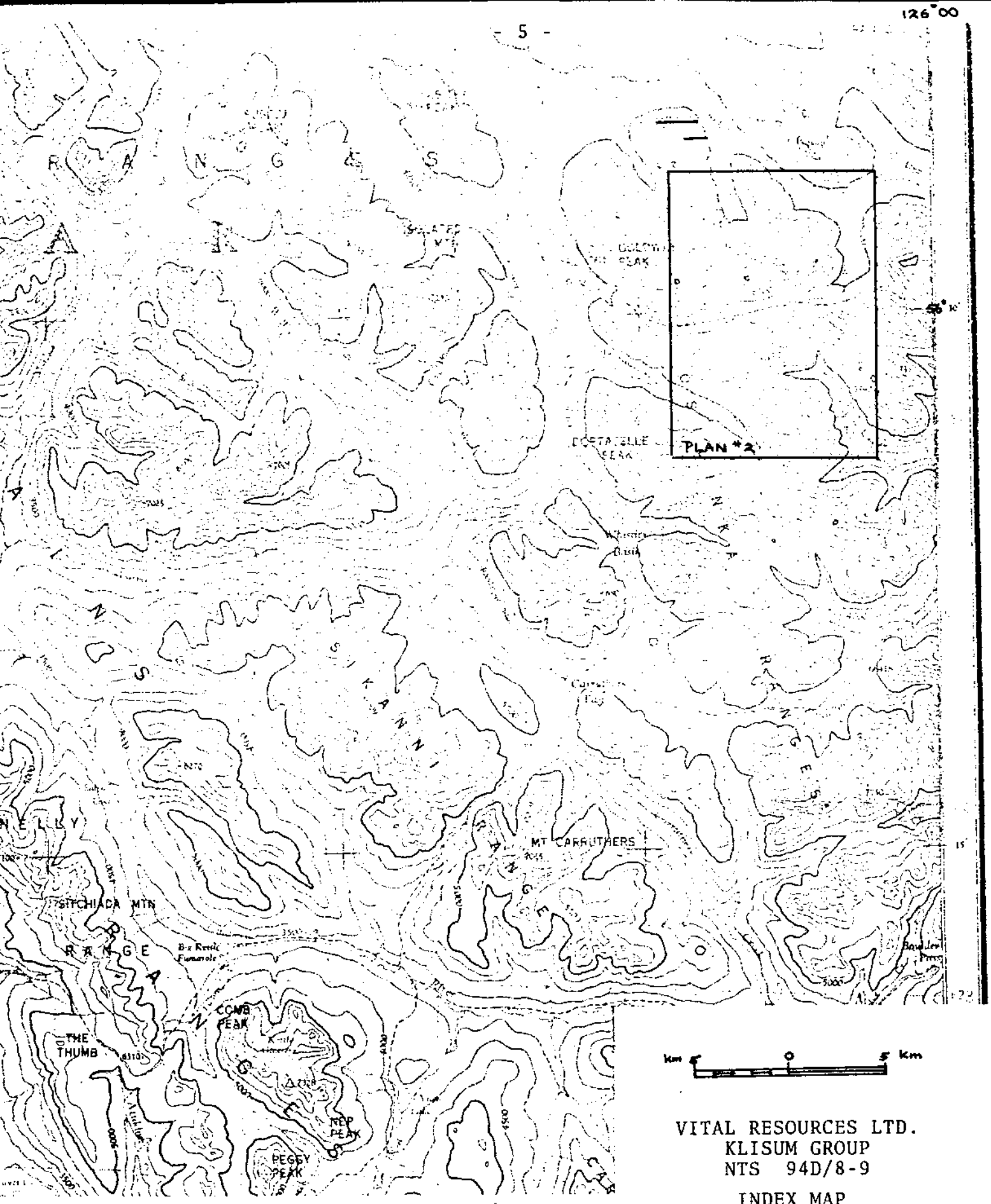
AUTHORS QUALIFICATIONS

I, Terence Rodgers, of Suite 1900 - 355 Burrard Street,
Vancouver, B.C., V6C 2J3, certify that:

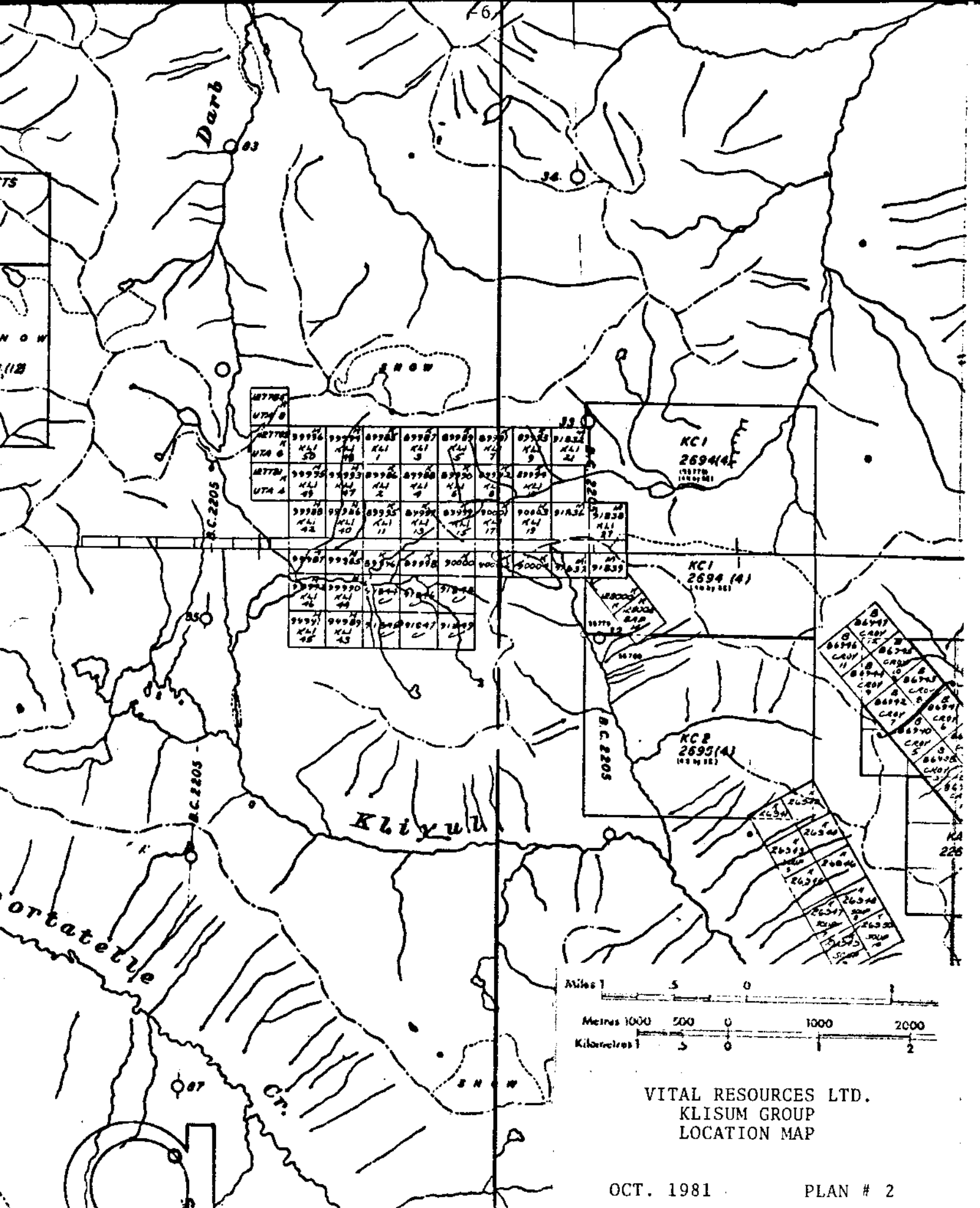
- (i) I am a professional geologist and a practising Professional Engineer in the Province of British Columbia.
- (ii) The report contained herein is based upon my examination of the drill core.
- (iii) I am a Director of Vital Resources Ltd.

T. Rodgers, Ph.D., P. Eng.

Vancouver, B.C.
October 13, 1981



VITAL RESOURCES LTD.
 KLISUM GROUP
 NTS 94D/8-9
 INDEX MAP



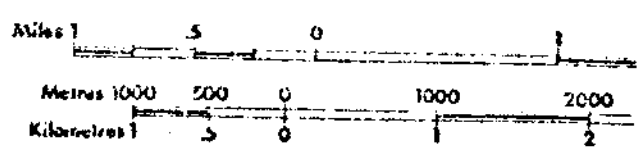
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99956	99957	99958	99959	99960	99961	99962	99963	99964	99965	99966
99967	99968	99969	99970	99971	99972	99973	99974	99975	99976	99977
99978	99979	99980	99981	99982	99983	99984	99985	99986	99987	99988
99989	99990	99991	99992	99993	99994	99995	99996	99997	99998	99999

KC1
2694(A)
(19770 1000000)

KC1
2694 (A)
(19770 1000000)

KC2
2695(A)
(19770 1000000)

0	1	2	3	4	5	6	7	8	9	10
06497	06498	06499	06500	06501	06502	06503	06504	06505	06506	06507
06508	06509	06510	06511	06512	06513	06514	06515	06516	06517	06518
06519	06520	06521	06522	06523	06524	06525	06526	06527	06528	06529
06530	06531	06532	06533	06534	06535	06536	06537	06538	06539	06540



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LOCATION MAP



KLI 4

KLI 6

KL 19

KL 18

KL 17

KL 16

KLI 13

KLI 15

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KLISUM GROUP
1981 D.D.H. PLAN



