

70-#852-II

REPORT

DIAMOND DRILL HOLE BR 1-80

STEEPLES 11: 361 (11) and STEEPLES 12: 362 (11)

FORT STEELE MINING DIVISION, B.C.

82 G / 6 W \pm 11 W

49° 30' N

115 - 50SE

19-6-80 : 2-8-80

115° 23' W

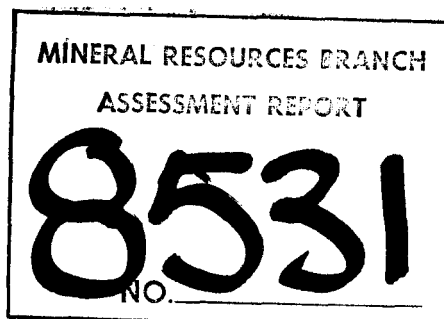
Alfred R. Allen, P. Eng.

For:

R.H. Stanfield
260 Three Calgary Place
Calgary, Alberta.

By:

ALLEN GEOLOGICAL ENGINEERING LTD.
202 - 2025 Bellevue
West Vancouver, B.C.



November 30, 1980.

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LOG

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DIAMOND DRILL HOLE

BR 1-80

STEEPLES 11 & 12 CLAIMS

INTRODUCTION

A drill site was prepared over an electromagnetic anomalous zone near the southeast corner of Steeples 11 claim and drilled onto the northeast corner of the Aspen 9 claim.

The hole was cased for 6.7 metres to bedrock and drilled for 195 metres with NQW equipment. It was then reduced to BQW equipment for an additional 1350 metres.

Seven dip tests were made.

The top 966 metres were drilled on the Steeples 11 claim.

This report provides the log and financial statement for the section of hole on the Steeples 11 claim.

LOCATION AND ACCESSIBILITY

The Steeples 11 and 12 claims are located in the Fort Steele M.D. overlying part of ML 69 of the Bull River mine property.

The southeast corner of the Steeples 11 claim is 500 metres northwesterly from the Bull River bridge.

Access is by road southeasterly from Fort Steele and northwesterly from Galloway.



R.H. STANFIELD HOLDINGS

LOCATION MAP

SCALE: 1" = 136 Mls.

Drawn by Date 30/11/80

Checked by Drg no. 1

ALLEN GEOLOGICAL ENGINEERING LTD.

ara

CLAIMS

The Steeples 11 and 12 claims overlie part of the Bull River property of R.H. Stanfield holdings. An estimated eleven units lie outside the west, north and east boundaries of the Bull River property.

The recorded date is November 9 and the claims are shown on sections of British Columbia Ministry of Mines and Petroleum Resources Maps 82G/6W and 11W, as shown on Map 4 of this report.

GEOLOGY

The area is underlain by Precambrian Aldridge and Creston argillite, argillaceous quartzite and quartzite. The Aldridge is characterized by rust-to red-weathering and the Creston by green, purple and grey weathering.

The strata are well bedded and minimal folding and faulting are evident. The strata are intruded by a few diorite and lamprophyre dikes.

Mineral exposures include quartz-siderite veins with pyrite, chalcopryrite, galena, pyrrhotite and detectable gold and silver.

STEEPLES 12
362 (11)

STEEPLES 11
361 (11)

M.L. 69
-20
BRI-80

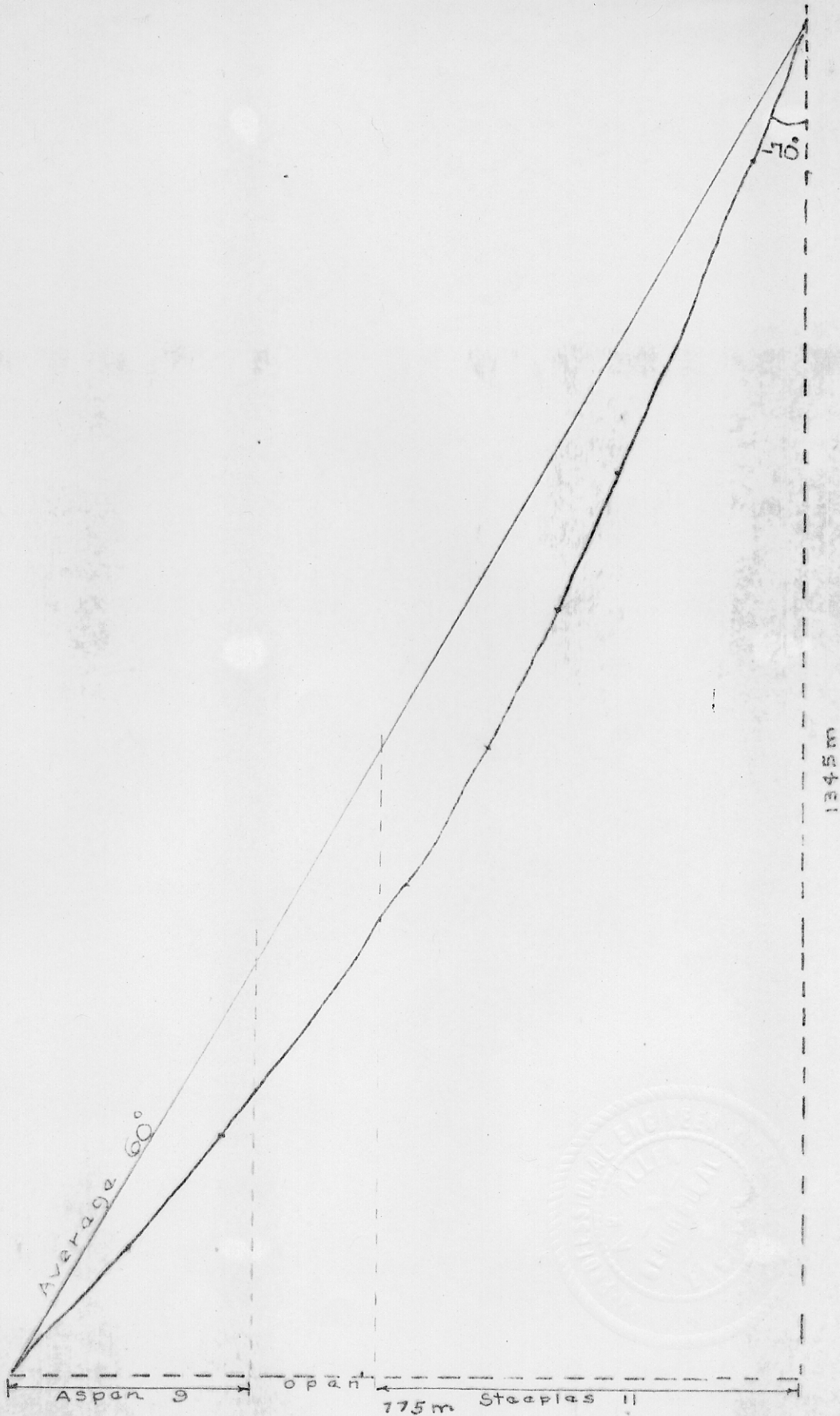
ASPEN 10
788 (10)

ASPEN 9
787 - 10

Nov. 15 1980
From BC. Map: 82G/6W & 11W.

R.H. STANFIELD
D.D.H. BRI-80
SCALE 1cm=250m

To Accompany Report By:
Alfred R. Allen



1345m

Vertical Section

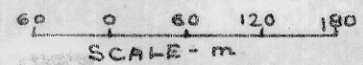
R. H. STANFIELD

D. D. H. BR-1-80

PROPERTY

Scale 1cm=60m

DIP TESTS •



N23

To Accompany Report: Nov 15/80
Clifford B. Allen

DIAMOND DRILL HOLE BR 1-80

The hole was collared near a secondary road and the east boundary of ML 69. It was directed southerly (190 degrees azimuth) at minus 70 degrees. It flattened somewhat and crossed the south boundary of the Steeples 11 claim at 966 metres. The remainder of the hole extends onto the Aspen 9 claim.

The log and costs included herewith are for the 966 metres of hole on the Steeples 11 claim.

Core recovery was above 95%. The core is stored at the Stanfield camp.

A plan and a section through the hole is included with this report on maps 2 and 3.

CONCLUSION

The diamond drill hole is located in the general Bull River mine area. From a depth of 50 metres to 966 metres, shears and fractures, narrow quartz-siderite veins, and associated sulphide mineralization is evident. The sulphides are mostly pyrite and pyrrhotite with lesser chalcopyrite and very minor galena.

It is evident from megascopic examination that ore grade is not present.

Respectfully submitted,
ALLEN GEOLOGICAL ENGINEERING LTD.

Per Alfred R. Allen P. Eng.
Alfred R. Allen

R. H. STANFIELD

DIAMOND DRILL LOG

DDH BR 1-80 Steeples II CLAIM

PROPERTY

STANFIELD

COLLAR
ELEVATION: 1073m A.S.L.

DRILL Longyear 38

START: June 19/80

ANGLE -70°

COMP. AUG 3/80

LOG

FROM 0 to 966m.

From: TO

Metres

From	To	Description
0	7.6	m Overburden
7.6	31	A.Q. irregular 1/8" to 1/4" qtz. veins
31	31.5	Qtz-siderite vein @ 50° to core axis
31.5	38.4	A.Q. qtz stringers
38.4	51	fine grained A.Q. blebs pyrite, pyrrhotite, chalcopyrite
51	56.4	Qtz-siderite vein 70° to core axis
56.4	61	fine-grained A.Q. at 10° to core axis
61	85	" " " with cross bedding "
85	109	" " " " " pyrrhotite and chalcopyrite
109	113	Heavy fracturing, pyrite, pyrrhotite, chalcopyrite
113	133	A.Q. 3" quartz-siderite vein, pyrite, specs of chalcopyrite
133	168	A.Q. 134.4 Quartz-siderite vein 2" @ 35° to core axis
168	170	Banded A.Q. 142.6 " " " 3" } 10" fracture 137.6 " " " 2" } 145 " " " 1" }
170	183	Dark grey banded A. pyrite and specs of chalcopyrite
183	214	168.8 quartz-siderite vein 2" 70° 181.4 " " " 2" 45° to core axis
214	237	Heavy fracturing A.Q. pyrite & pyrrhotite
237	291	A.Q. 255.7 Quartz-siderite vein 3/4" 264 " " " 3" 278 " " " 1"
291	397	315 heavy fracturing " " " 1/2" 300 " " " "
397	501	426-476 Quartz-siderite veins, minor sulphides
501	553	Light grey A. blebs pyrrhotite & chalcopyrite

From	To	m.	
3	643		Banded A. Quartz veins 1" to 2 1/2" 505.6-614 : 629 narrow shear ^{pyrrhotite} ^{pyrite} ^{spec} Chalcopyrite
643	700		Banded A. Cross bedding 681 Quartz vein 3" @ 70° to Core Axis
700			Blebs of pyrite pyrrhotite, Chalcopyrite & specs of bornite 724-727 Shear zone 785.5-795.5 fracture fillings 1/8"-1/4" sulphides 865-868 Strong fracturing
	871		
871	942		Light grey A. bedding 5° to core axis
942	966		Light grey A. 0.3m black fine grained A. bands. Blebs Chalcopyrite. Fracture fillings of pyrite & pyrrhotite, blebs pyrite & pyrrhotite.
End of Hole for Steeples II claim			

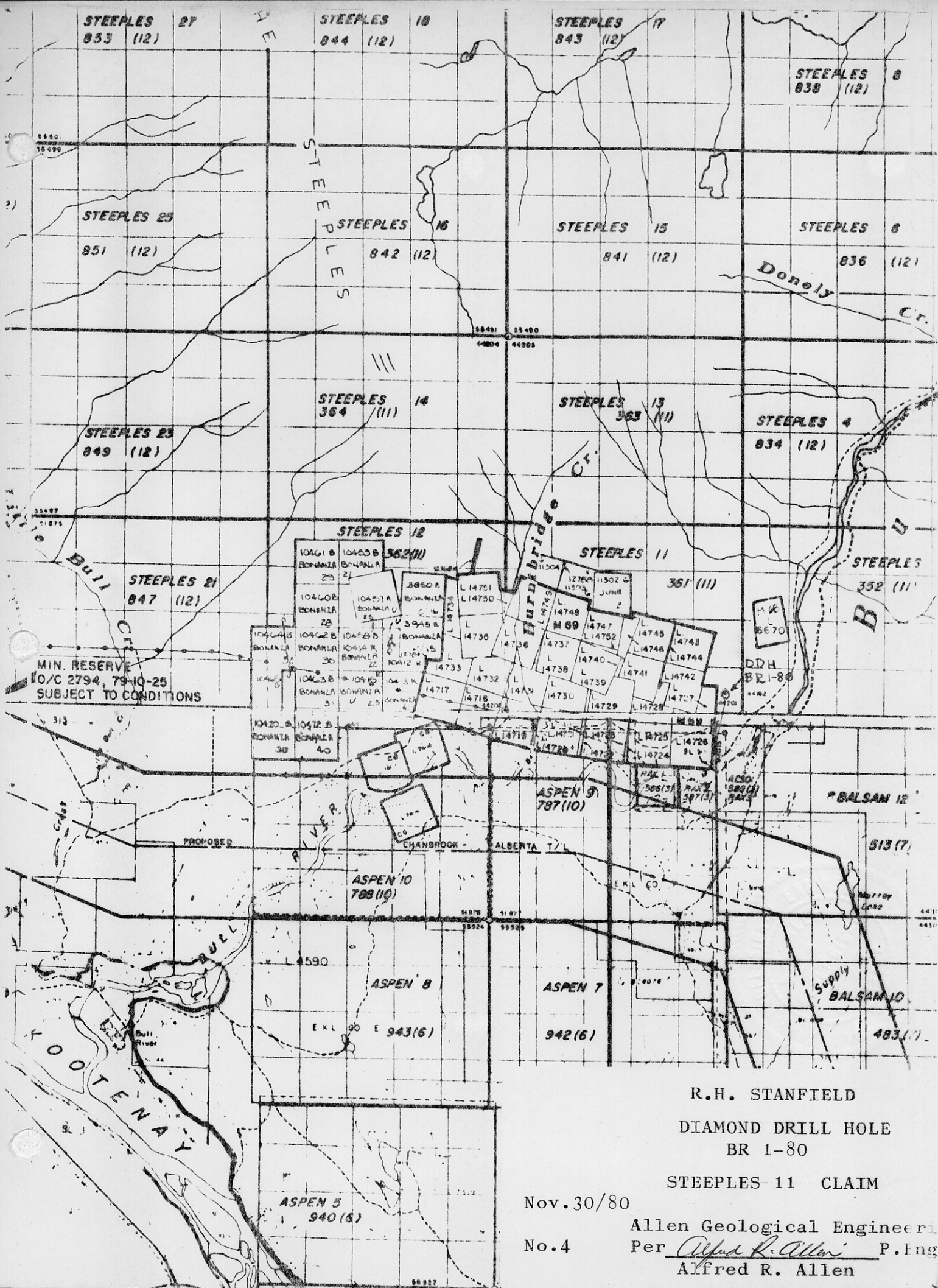
LEGEND

A. is argillite

A.A. is argillaceous quartzite

qtz. is quartz

Alfred R. Allen



R.H. STANFIELD
 DIAMOND DRILL HOLE
 BR 1-80
 STEEPLES 11 CLAIM

Nov. 30/80
 Allen Geological Engineer
 No. 4 Per Alfred R. Allen P. Eng
 Alfred R. Allen

COSTS STATEMENT

R.H. STANFIELD

BULL RIVER AREA

DIAMOND DRILL REPORT

STEEPLES GROUP 1

TO CHECK EM ANOMALY

BR 1-80

Azimuth 190°
Dip -70°
Length 0 - 966 m on Steeples 11 claim

Start: 19-6-80
Finish: 2-8-80

LOCATION

SE Corner Steeples 11 Claim
Collar Elevation 1090 m A.S.L.

DRILL

Longyear Super 38
Core storage at Stanfield camp.

COSTS

NW Casing:	6.7 M @ \$164/m	\$ 1,100.00
NQW Core:	195 m @ \$ 98.40/m	19,200.00
BQW Core:	771 m @ \$ 82/m	63,225.00
		<u>\$ 83,525.00</u>
4x4 Pickup 45 days @ \$25/day		\$ 1,125.00
4x4 3 ton water truck, 45 days @\$100/day		4,500.00
Accommodation, 5 men, 45 days @ \$35/day		<u>7,875.00</u>
		\$ 97,025.00

LABOUR

T. Thomas	Foreman
T. Miguel	Crew
M. Warring	"
M. Kerrigan	"
A. Tracy	"
B. Skene	"
D. Roach	"
J. Tataryn	"

Consulting Engineer Alfred R. Allen
Assessment recorded Cranbrook Nov. 6, 1980.
2 years Steeples 11 & 12 \$12,000.00, PAC \$85,025.00

Alfred R. Allen