MICROFILMED
FICHE No. 013277-

94-3587

A list of transparencies from portions of EL 5/63 relinquished by Comstaff in the Dundas, Renison and Waratah areas.

Dundas Area	Geology	2748-50	1:4 800
" "	Grid Plan	TAS/2/1421	1:10 000
Renison Area	Grid Plan	TAS/2/1422	1:10 000
" "	Location of DDH's	TAS/2/2093	1:10 000
" "	Proposed DDH Locations	TAS/2/1941	1:2 500
" "	Geology Grid-GAR (x2)	TAS/2/1930 + 1929	1:1 000
" "	Detail Geology, 1973-4	2/655	1:10 000
" "	Geology, Grid-GAP	2/1564	1:1 000
" "	Ground Magnetic Profiles, Grid-GAS	2/1958	1:2 500
" "	Proposed Location DDH RBE4, Grid-GAS	2/1968	1:2 500
" "	Detailed Geology, Grid 5	2/640	1:5 000
" "	Interp Geology, Grid 5	2/635	1:5 000
" "	Interp Geology, Grid GAG	2/889	1:2 500
" "	Interp of Electrical Surveys, Grid GAP (x2)	2/768 SH.1&2	1:5 000
" "	Magnetic Interp, Grip GAP (x2)	2/766 SH.1&2	1:5 000
" "	Interp Geology, Grid GAP (x2)	2/1618 2/1619	1:5 000
Waratah Area	Location of Traverse No. 4	2/1990	1:5 000
" "	Geology (x2)	2/1078 & 2/1081	1:5 000
" "	Interp Geology	2-620	1:5 000
" "	Fact Geology, Grids A & E	2-611	1:5 000
" "	Fact Geology, Grids B, C & D	2-627	1:5 000
" "	Interp Geology, Grids B, C & D	2-634	1:5 000
" " ?	Grid Locations	2-1897	1:50 000

OPEN FILE

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

SPL. 406

LINE 10N
LINE 7·5 N
LINE 2·5 N
LINE 2·5 S
LINE 7·5 S
LINE 20 S
LINE 12·5 S
LINE 64 S

DDH DS 1

Fitzpatrick

Murchison

West Comet

Adelaide
Ag. Pb.

Kozminskis
Ag. Pb. Zn.

South Comet
Ag. Pb. Zn.

Red Lead

MINE DUMPS

CAMBRIAN — } SEDIMENTS
PROTEROZOIC — }

CAMBRIAN — SERPENTINE & PYROXENITE

FAULT — ESTABLISHED
" — POSITION APPROXIMATE
" — " INFERRED — CONCEALED

GEOLOGY FROM MAPPING BY RIO TINTO. COMPILED BY J.K. ROGERS, MARCH, 1965.

BROKEN HILL SOUTH LIMITED

DUNDAS AREA, N.W. TASMANIA

EXPLORATION LICENCE 5/63

5 cm

2748-50
SCALE 1" = 400'

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

EL 5/63 AREA 6

GRID GAP

PINE HILL

TRENCHES

MINING LEASE 62M/75 (MINOPS)

MINING LEASE 12M/42

RINGVILLE

BONNIE DUNDEE

FAIRLORE

FRASER

MONTEZUMA

CURTIN DAVIS

KAPI

5 370 000 N
5 369 000 N
5 368 000 N
5 367 000 N
5 366 000 N
5 365 000 N

370 000 E
371 000 E
372 000 E
373 000 E
374 000 E
375 000 E

GEOLOGICAL LEGEND

DEVONIAN
- gd — granodiorite (granodiorite/granite/adamellite)

CAMBRIAN (intrusive rocks)
- bt — basite (basalt/dolerite/amphibolite/gabbro/granophyre)
- um — ultramafic (talc/dolomite/serpentinite/pyroxenite)

UPPER/MIDDLE CAMBRIAN (Dundas Group)
- sh — shales with interbedded acid volcanics (greywacke/arkose/tuff/black shale/siltstone)
- ss — interbedded siltstone/greywacke (siltstone/greywacke/argillite/shale)

MIDDLE/LOWER CAMBRIAN:
- (Crimson Creek Group) cg — lithewacke/conglomerate
- (Success Creek Group) dm — dolomite (quartzite/shale/dolomite)

- geological boundary
- geological boundary - highly tentative
- fault
- fault — highly tentative
- costean
- mine site showing mineral mined
- lease boundary
- grid sample lines

5 cm

78-1316 App1

COMSTAFF PROPRIETARY LIMITED

370365 - GEOLOGY

Dundas

COMPILED	G.F.P.
DRAWN	GEODRAFT 11/77
AMENDED	10/78
SCALE	1 : 10 000
	TAS/2/1421

94 3587
DUNDAS (RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

EL 5/63 AREA 6

GRID 1
GRID 2
GRID 3
GRID 4
GRID 5
GRID 6
GRID GAP

5 375 000 N
5 374 000 N
5 373 000 N
5 372 000 N
5 371 000 N
5 370 000 N

370 000 E
371 000 E
372 000 E
373 000 E
374 000 E
375 000 E

370370

NOTE – for legend, see plan TAS/2/1421

5 cm

78-1316 App 1

COMSTAFF PROPRIETARY LIMITED

370370 - GEOLOGY

Renison

COMPILED	G.F.P.
DRAWN	GEODRAFT 11/77
AMENDED	10/78
SCALE	1 : 10 000

TAS/2/1422

94-3587
DUNDAS RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

DDH RBE 8 (PROPOSED)
DDH RBE 3 (PROPOSED)
DDH RBE 9 (PROPOSED)
DDH RBE 5 (PROPOSED)
DDH RBE 7 (PROPOSED)
DDH RBE 6 (PROPOSED)
DDH RBE 1
DDH RBE 4
DDH RBE 2
DDH RBE 12 (PROPOSED)
DDH RBE 11 (PROPOSED)

5,374,000 5,373,000 5,372,000 5,371,000 5,370,000 5,369,000 5,368,000 5,367,000 mN
375,000 mE
374,000
373,000
372,000
371,000
370,000 mE

5 cm

COMSTAFF PROPRIETARY LIMITED

SOUTHERN PORTION OF COMSTAFF LEASE EL 5/63 AREA 6

RENISON GRIDS 80-1421

LOCATION OF DRILLHOLES

COMPILED	GEODRAFT
DRAWN: GEODRAFT	DATE: 14/3/80
AMENDED	25/2/80
SCALE	1 : 10 000
PLAN No	TAS/2/2093

94-3587
DUNDAS, RENISON AND WARATAH AREAS
EL 5/83
COMSTAFF PTY LTD

PIEMAN RIVER

RAILWAY

BAY

EMU

100

RBE 3
AZIM 257.5° Mag
INCL -30°
DEPTH 150 m

RBE 5
AZIM 257.5° Mag
INCL -30°
DEPTH 90 m

HIGHWAY

LYELL

OLD COSTEAN

COSTEAN 1000

GRID 5

200

373 000 m E

5 372 000 m N

5 372 500 m N

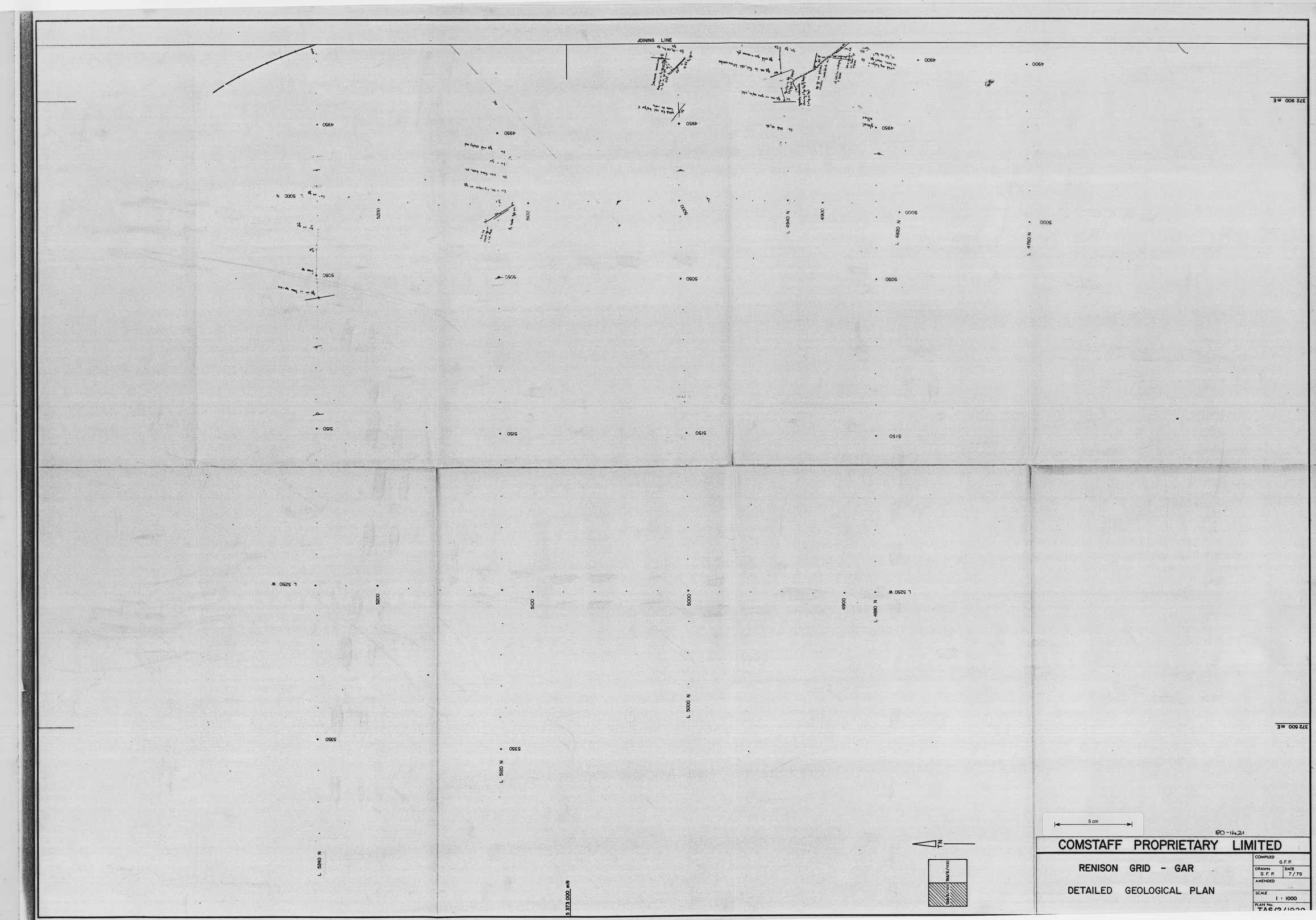
5 cm

80-1421

COMSTAFF PROPRIETARY LIMITED

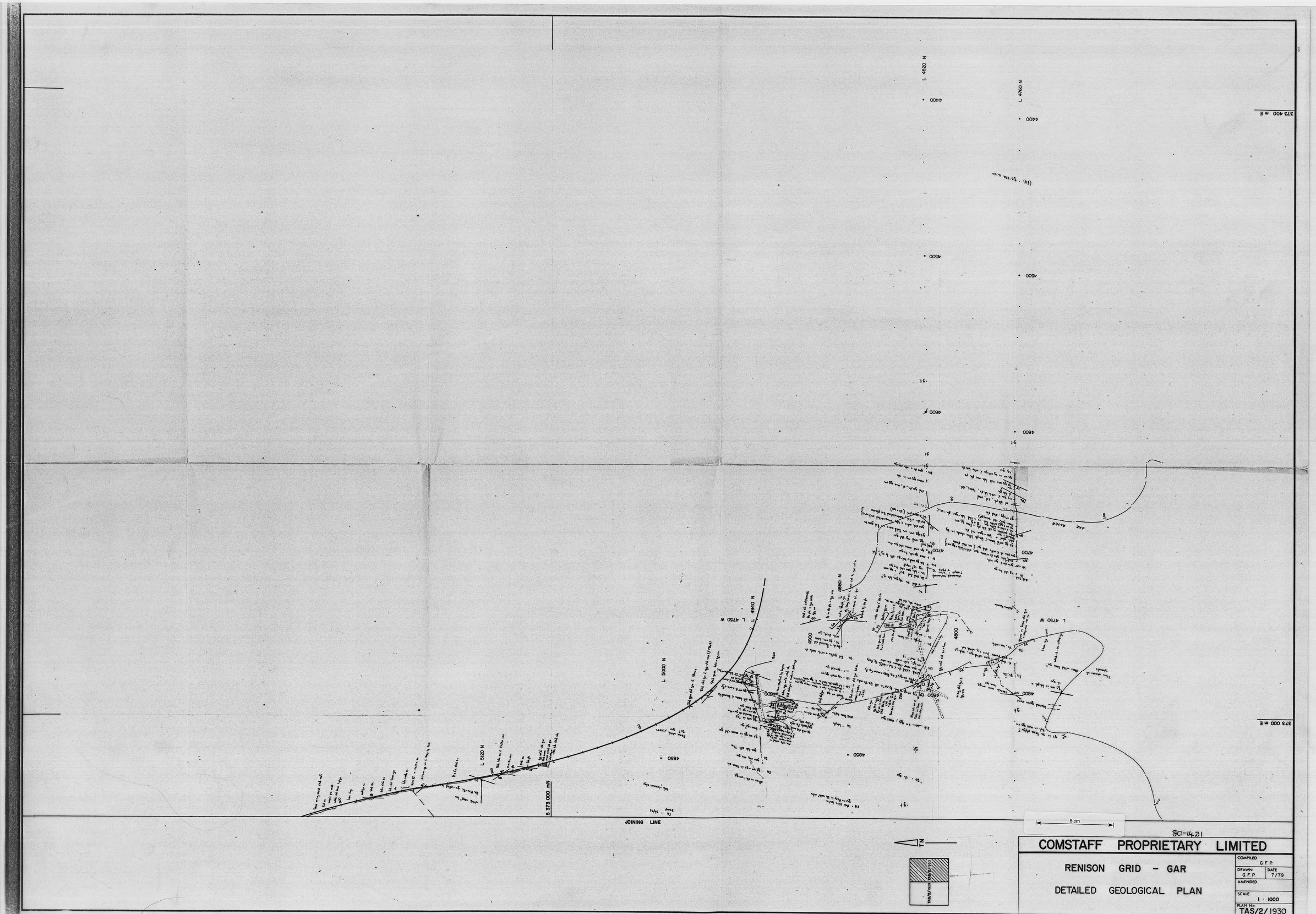
GAR - GRID 5 - GAP
LOCATION OF PROPOSED DRILLHOLES
RBE 3, RBE 5

COMPILED	G.F.P.
DRAWN GEODRAFT	DATE 31/8/79
AMENDED	
SCALE	1 : 2500
PLAN NO.	TAS/2/1941



94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



80-1421

COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAR

DETAILED GEOLOGICAL PLAN

COMPILED	G.F.P
DRAWN G.F.P.	DATE 7/79
AMENDED	
SCALE	1 : 1000
PLAN No.	TAS/2/1930

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

T N M N

PIEMAN WEST BASELINE

HUSKISSON RIVER

PIEMAN RIVER

PIEMAN SOUTH BASELINE

EMU BAY RAILWAY

EL 5/63

Note : N-S position of sp outcrop is doubtfull

LEGEND

- Sandstone
- Conglomerate
- Quartzite
- mt Mudstone
- gw Greywacke
- gc Greywacke conglomerate
- Siltstone
- sh Shale
- Black shale
- dl Dolomite
- Tuff
- sp Serpentinite
- ho Hornfels
- gs Gossan
- Porphyry
- Diorite
- um Undifferentiated ultramafics
- gb Gabbro
- Dolerite
- Intermediate igneous

- Rock exposure
- Petrographic rock description available
- Strike and dip of bedding
- Strike of vertical bedding
- Overturned bedding
- Strike and dip of jointing
- Strike and dip of cleavage
- Strike of vertical cleavage
- Syncline, showing plunge
- Fault
- Metric grid line - 100m interval shown
- Proposed grid line - see report, section 5
- Drainage
- Vehicle track
- Railway
- Boundary of part of EL 5/63

1 : 10,000

100 0 800

SCALE OF METRES

5 cm

74-1023

COMSTAFF PROPRIETRY LIMITED

PIEMAN WEST & PIEMAN SOUTH GRIDS

1973/74 SUMMER SEASON REPORT

DETAIL GEOLOGY

DRAWN R. Stanley
DATE Aug 1974
COMPILED J.S. & G.C.
SCALE 1:10,000
TAS - 2 - 655

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

10

PURPLE - GREEN FELDSPATHIC GREYWACKES
SILTSTONES, ARGILLITES

SERPENTINISED ULTRAMAFITE

SHEARED ULTRAMAFITE

CHLORITISED BASIC COMPLEX
GABBRO, GRANOPHYRE, DOLERITE

ARGILLITES, HYDROTHERMALLY ALTERED
SANDSTONES, PYRITIC SILTSTONES

PEBBLE LITHICWACKES, SANDSTONES,
INTERBEDDED ARGILLITES

GLACIAL TILL

COSTEAN

COLEBROOK CREEK

SMITHS TRACK

C B ROAD

GRID 4 ROAD

X G4/BL 20 - Line CO

X G4/BL 9

RENISON GRID GAP
GRID 4 AREA
GEOLOGY

DRAWN A.M. 6-78
COMPILED C.F.P. 4-78
SCALE 1 : 1000
TAS/2/1564

COMSTAFF PROPRIETARY LIMITED

5 cm

78/136

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

DATUM 62400 nT

DATUM 62400 nT

DATUM 62400 nT

DATUM 62400 nT

DATUM 62400 nT

DATUM 62400 nT

DATUM 62400 nT

GRID 4 ROAD

COLEBROOK CREEK

SMITHS TRACK

RING RIVER ROAD

RING ROAD

C1 C2 C3 C4 C5 C 3A C 3B

L 4000 N

L 3800 N

L 3600 N

L 3480 N

L 3400 N

L 3280 N

L 3200 N

L 3000 N

L 2800 N

5 371 000 m N

372 000 m E

373 000 m E

5 cm

VERTICAL SCALE :- 1cm = 100 nT

80-1421

COMSTAFF PROPRIETARY LIMITED

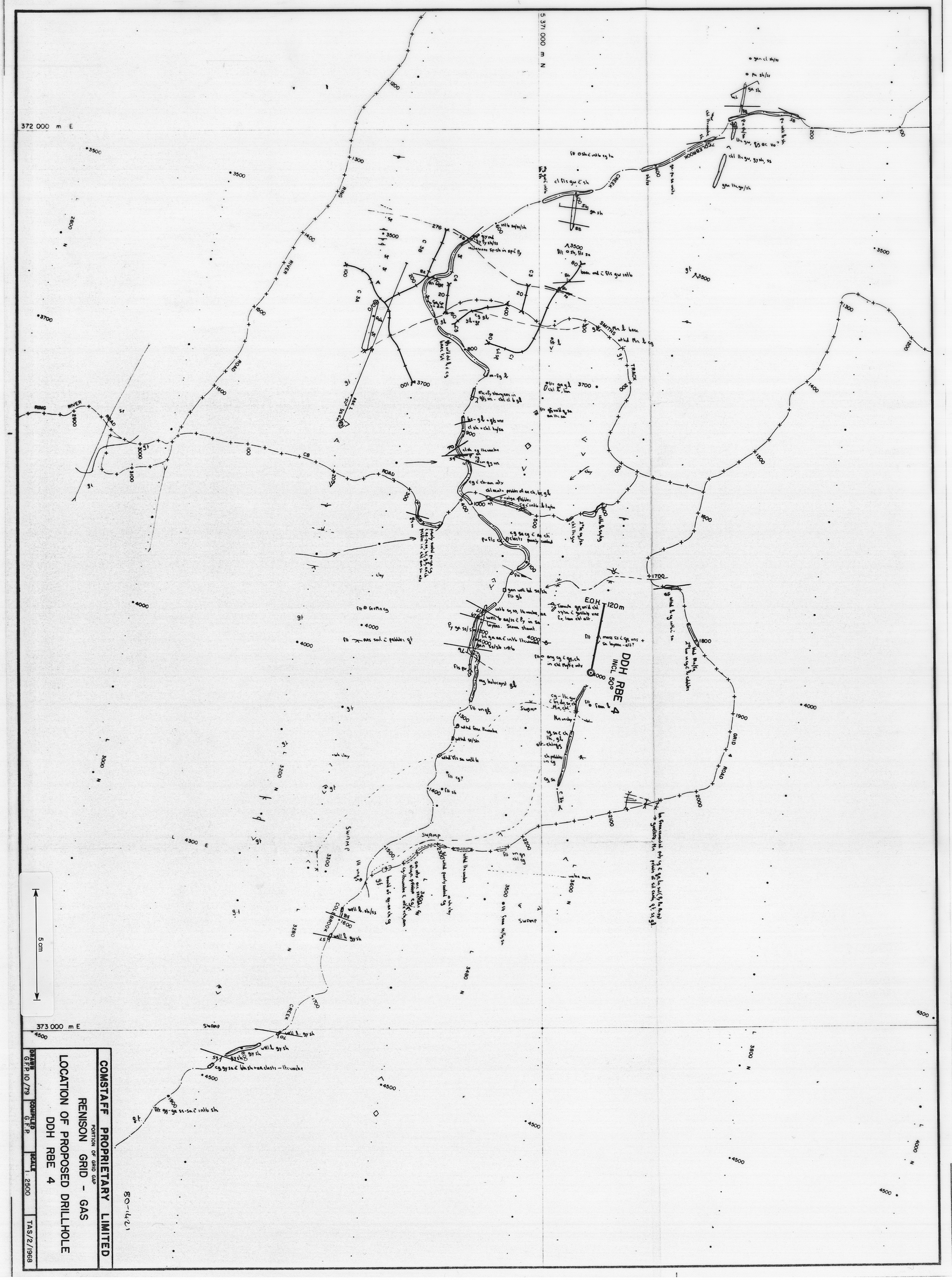
PORTION OF GRID GAP

RENISON GRID - GAS

STACKED GROUND MAGNETIC PROFILES

DRAWN	COMPILED	SCALE	
GEODRAFT 9/79	J.A.N.	1 : 2500	TAS/2/1958

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



COMSTAFF PROPRIETARY LIMITED

PORTION OF GRID GAP

RENISON GRID - GAS

LOCATION OF PROPOSED DRILLHOLE

DDH RBE 4

DRAWN	COMPILED	SCALE	
G.F.P. 10/79	G.F.P.	1:2500	TAS/2/1968

80-1421

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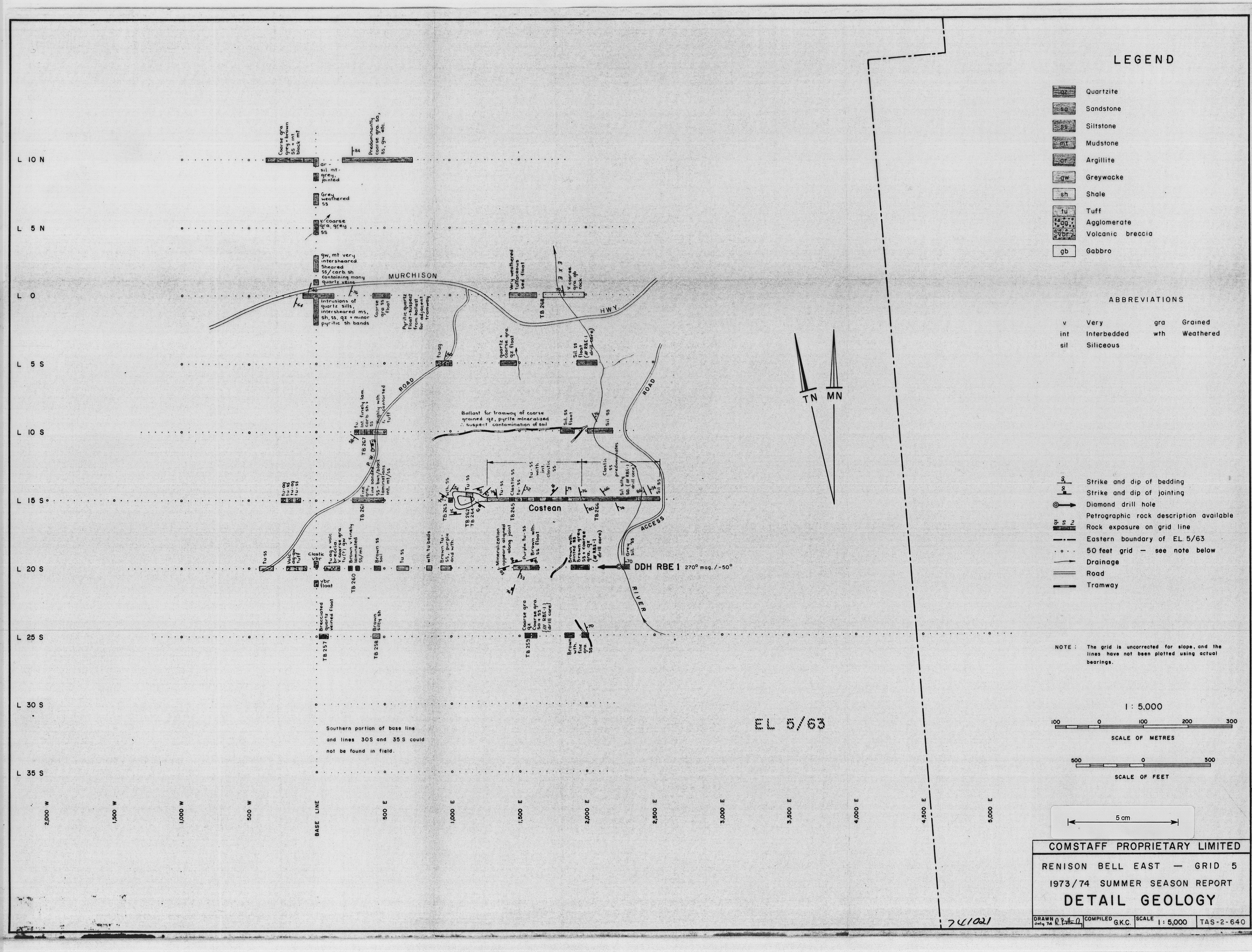
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



LEGEND

- Quartzite (qz)
- Sandstone (ss)
- Siltstone
- Mudstone (mt)
- Argillite (ar)
- Greywacke (gw)
- Shale (sh)
- Tuff (tu)
- Agglomerate (ag)
- Volcanic breccia (vbr)
- Gabbro (gb)

ABBREVIATIONS

v	Very	gra	Grained
int	Interbedded	wth	Weathered
sil	Siliceous		

- Strike and dip of bedding
- Strike and dip of jointing
- Diamond drill hole
- Petrographic rock description available
- Rock exposure on grid line
- Eastern boundary of EL 5/63
- 50 feet grid — see note below
- Drainage
- Road
- Tramway

NOTE: The grid is uncorrected for slope, and the lines have not been plotted using actual bearings.

TN MN

1 : 5,000

100 0 100 200 300
SCALE OF METRES

500 0 500
SCALE OF FEET

5 cm

COMSTAFF PROPRIETARY LIMITED

RENISON BELL EAST — GRID 5

1973/74 SUMMER SEASON REPORT

DETAIL GEOLOGY

DRAWN July 74 R Butler | COMPILED G.K.C. | SCALE 1 : 5,000 | TAS-2-640

74/1021

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

L 10 N
L 5 N
L 0
L 5 S
L 10 S
L 15 S
L 20 S
L 25 S
L 30 S
L 35 S

2,000 W | 1,500 W | 1,000 W | 500 W | BASE LINE | 500 E | 1,000 E | 1,500 E | 2,000 E | 2,500 E | 3,000 E | 3,500 E | 4,000 E | 4,500 E | 5,000 E

MURCHISON
HWY.
To Renison Bell
To Rosebery
ROAD
EXE
Costean
DDH RBE 1 270°mag / -50°
RIVER

TN MN

LEGEND

- Coarse grained ultrabasic
- Tuffaceous breccia, agglomerate and siltstone
- Tuffaceous siltstone
- Sheared metasediments
- Finely laminated siltstone / sandstone
- Siliceous siltstones + interbedded sandstone lenses
- Geological boundary inferred
- Strike and dip of bedding
- Syncline
- Anticline
- 50 feet grid — see note below
- Drainage
- Road

NOTE : The grid is uncorrected for slope, and the lines have not been plotted using actual bearings.

1 : 5,000

100 0 100 200 300
SCALE OF METRES

500 0 500
SCALE OF FEET

5 cm

COMSTAFF PROPRIETARY LIMITED

RENISON BELL EAST — GRID 5

1973/74 SUMMER SEASON REPORT

INTERPRETATION GEOLOGY

DRAWN	COMPILED	SCALE	
July 74 R Pettit	GKC	1 : 5,000	TAS-2-635

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

N

5 376 300

5 376 200

5 376 100

5 376 000

5 375 900

5 375 800

5 375 700

5 375 600

5 375 500

N

E 373 400 | 373 500 | 373 600 | 373 700 | 373 800 | 373 900 | 374 000 | 374 100 | 374 200 | 374 300 | 374 400 | 374 500 | 374 600 | 374 700 E

LINE 5120

LINE 5000

LINE 4880

LINE 5180

LINE 5000

LINE 4760

GEOF'S LAKE LET

4700 4800 4900 5000 5100 5200 5300 5400 5600 5700 5800

82° 78° 85° 63° 59° 58° 53°

GEOLOGICAL LEGEND

- Fluvio-glacial overburden
- Ultramafic
- Microgabbro
- Microdiorite
- Quartzite
- Greywackes, Shales

50 0 50 100 150 200 250

1:2500

5 cm

COMSTAFF PROPRIETARY LIMITED

COMSTAFF PROJECT

GAG GRID 77-1203

INTERPRETED GEOLOGY Copy 1

DRAWN	COMPILED	SCALE	
GEODRAFT 5/77	G.F.P. 4/77	1:2500	TAS/2/889

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DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



94-3587
DUNDAS, RENISON AND WARATAH AREAS
E.L. 5/63
COMSTAFF PTY LTD

5711000mE.
5720000mE.
5730000mE.
5740000mE.
5370000mN
5369000mN
5368000mN

Boundary of E.L. 5/63 Pt 6

I
II
III
IV
V
VI
VII
VIII
IX
X
XI

ZONE OF VERY HIGH CHARGEABILITY
ZONE OF HIGH CHARGEABILITY
ZONE OF HIGH RESISTIVITY
ZONE OF LOW RESISTIVITY
S.P. ANOMALIES
E.M. ANOMALIES
I.P. ANOMALY - VERY LOW RESISTIVITY
I.P. ANOMALY - LOW RESISTIVITY
I.P. ANOMALY - MEDIUM RESISTIVITY
I.P. ANOMALY - HIGH RESISTIVITY
2 INDICATES DEPTH ESTIMATE
V VERTICAL
W WEST DIP
E EAST DIP
- NEGATIVE CENTRE - THIN?
? VAGUE RESPONSE
EXTENT OF I.P. COVERAGE

SHEET ONE.
SHEET TWO

5 cm

PLAN TO OVERLAY TAS-2-1483

100 50 0 100 200 300 400 500 m

AUSTRALIAN ANGLO AMERICAN LIMITED

RENISON GRID - GAP

INTERPRETATION OF ELECTRICAL SURVEYS

COMPILED	D.B.T.
DRAWN C.B.	DATE 6/78
AMENDED	
SCALE	1:5000
PLAN No.	TAS-2-768

BP 13/6



AUSTRALIAN ANGLO AMERICAN LIMITED

RENISON GRID - GAP
MAGNETIC INTERPRETATION

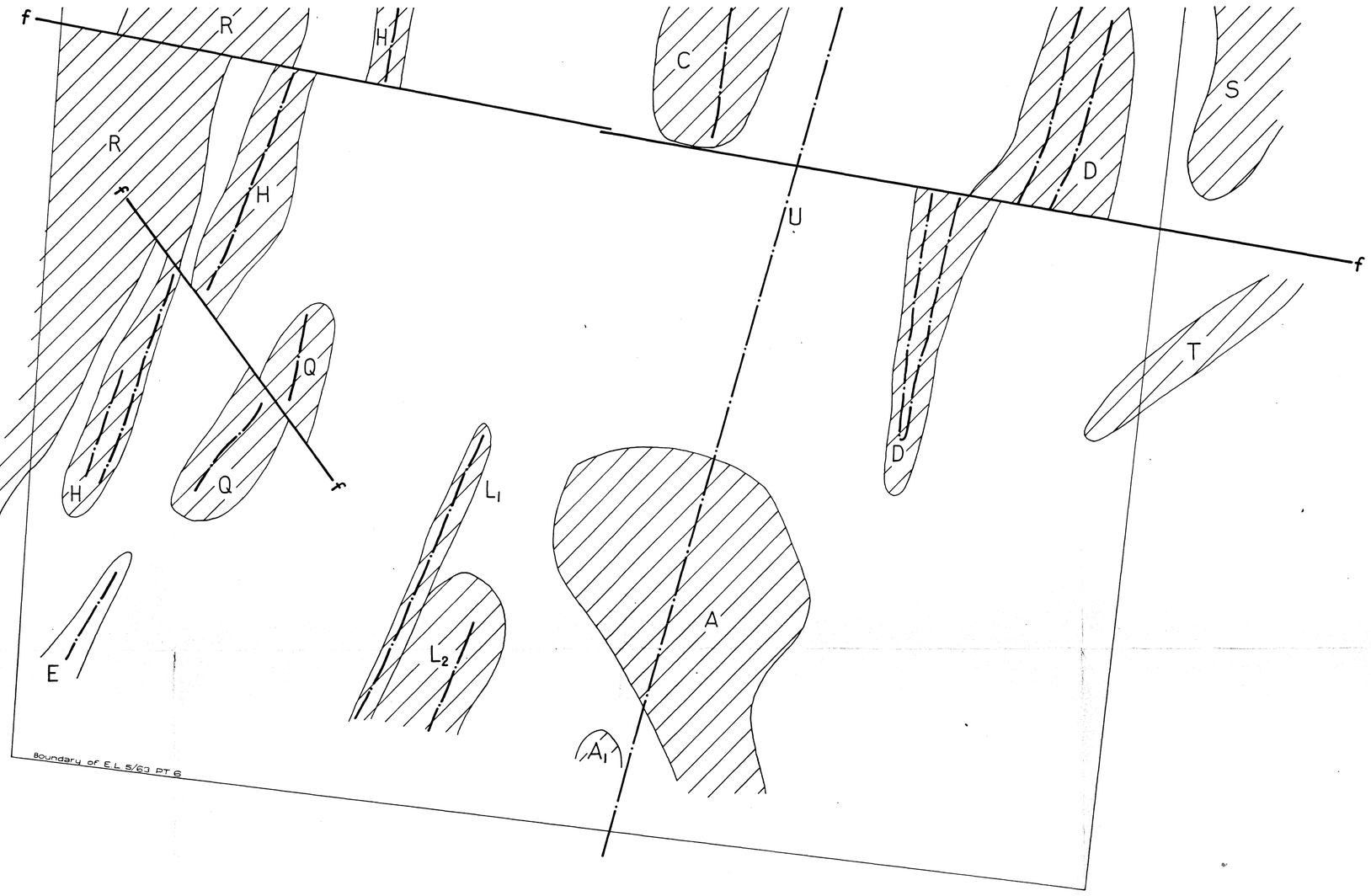
78 1316

COMPILED	DBT
DRAWN	DATE 6/78
AMENDED	
SCALE	1:5000
PLAN No.	TAS-2-766

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

371 000 m E
372 000 m E
373 000 m E
374 000 m E

5 370 000 m N
5 369 000 m N
5 368 000 m N



Magnetic anomalies
Anomaly axis
Fault

SHEET ONE
SHEET TWO

PLAN TO OVERLAY TAS-2-1483

100 50 0 100 200 300 400 500
METRES

5 cm

AUSTRALIAN ANGLO AMERICAN LIMITED

RENISON GRID - GAP
MAGNETIC INTERPRETATION

78/316

COMPILED	DBT
DRAWN	DATE 6/78
AMENDED	
SCALE	1:5000
PLAN No.	TAS-2-766

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

94-3587
DUNDAS / RENISON AND WARATAH AREAS
EL 5/83
COMSTAFF PTY LTD

COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAP

GEOLOGICAL INTERPRETATION

78136

COMPILED	G.F.P.
DRAWN	GEODRAFT
DATE	20/8/78
REVISED	
SCALE	1 : 5000
PLAN No	TAS/2/1618

TAS/2/1619 Sheet Index

5 cm

TN

LEGEND

- 400 — 25m interval contour line
- Surveyed watercourse
- Unsurveyed watercourse
- Surveyed road/track
- Unsurveyed road/track
- Grid lines showing sample locations
- Costean survey points
- Railway

94-3597
DUNDAS RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

371 000 E — 372 000 E — 373 000 E — 374000 E

5 370 000 N — 5 369 000 N — 5 368 000 N

GEOLOGICAL LEGEND

? CAMBRIAN Intrusive rocks

gd	granodiorite
am	amphibolite
gb/gp	gabbro/granophyre
t/m/sp	talc/magnesite/serpentinite
d/sp	dolomite/serpentinite
px	serpentinised pyroxenite
sp	serpentinite (undifferentiated)

UPPER - MIDDLE CAMBRIAN Dundas Group

gw/ok	greywacke/arkose (inc. bk.sh)
tu	pyroclastic (acid)
bk sh	black shale (inc. siltstone, sandstone)
Dss	black/grey siltstone (inc black shale)
ar	argillite (hornfelsed) inc. siltstone,sandstone (metasomatised)
Css	argillite - siltstone, mudstone, sandstone
Csh	shales - purple, green

MIDDLE - LOWER CAMBRIAN Crimson Creek Formation

gw	greywacke - siltstone , sandstone
lw	lithicwacke (inc. greywacke, sandstone & tuffaceous greywacke)
cg	conglomerate
bs/dr	basalt/dolerite (inc. gabbro/granophyre sills)

- geological boundary
- geological boundary - assumed
- geological boundary - highly tentative
- Fault - assumed
- Fault - highly tentative
- shear zone
- strike and dip of bedding
- strike and dip of foliation
- strike and dip of cleavage
- anticline showing direction of plunge
- syncline showing direction of plunge

LEGEND

- 400 — 25m interval contour line
- Surveyed watercourse
- Unsurveyed watercourse
- Surveyed track /road
- Unsurveyed track / road
- Grid lines showing sample locations
- Costean survey points
- Railway

TAS/2/1618 Sheet Index

5 cm

TN

COMSTAFF PROPRIETARY LIMITED

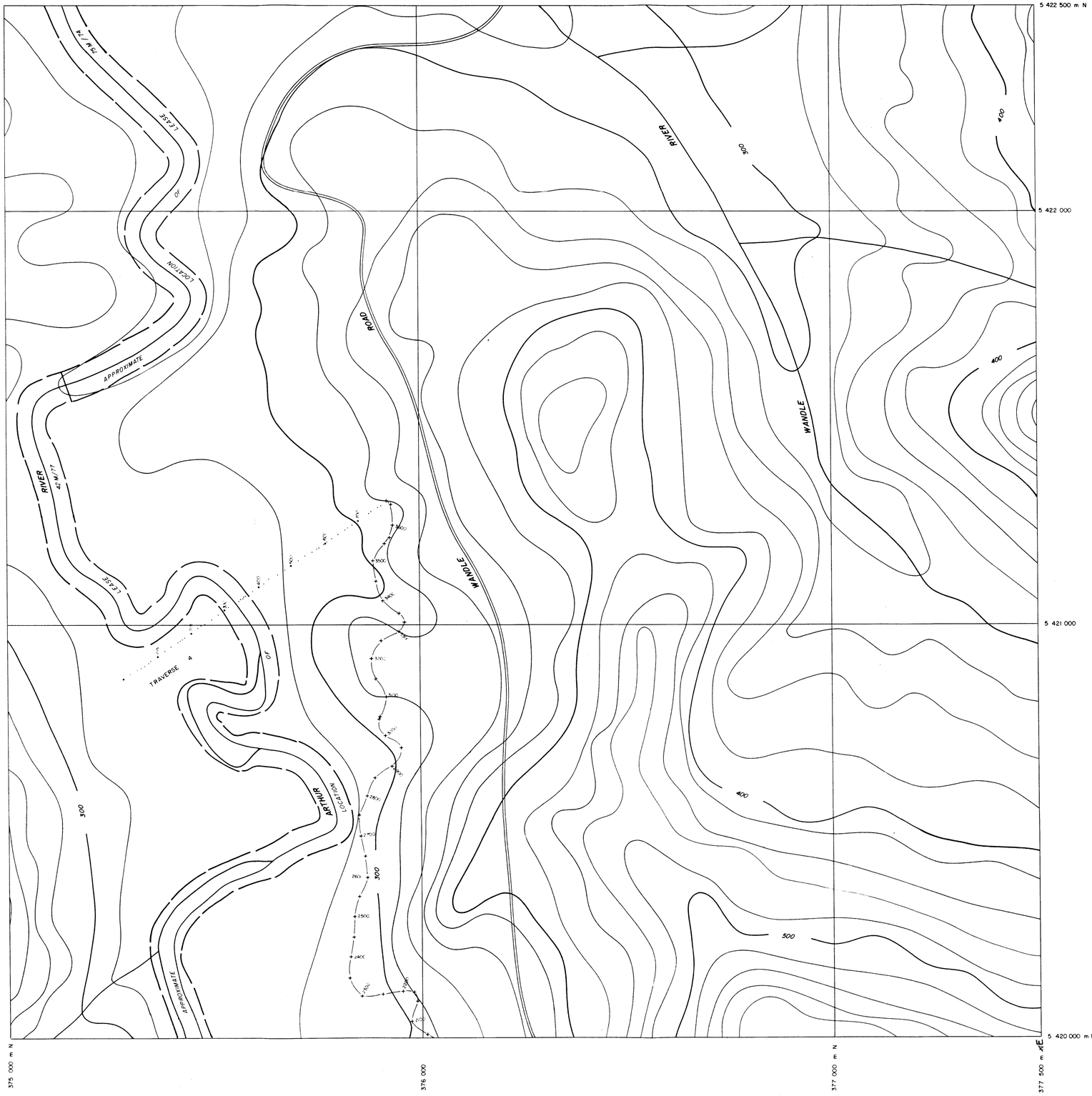
RENISON GRID - GAP

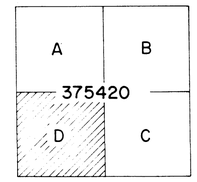
GEOLOGICAL INTERPRETATION

78/315

COMPILED	G. F. P.
DRAWN	DATE GEODRAFT 20/8/78
REVISED	
SCALE	1 : 5000
PLAN No.	TAS/2/1619

94-3587
DUNDAS (1:50 000) AND WARATAH AREAS
(EL 15/79)
COMSTAFF PTY LTD





SCALE 1 : 5000

100 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

COMSTAFF PROPRIETARY LIMITED

375420 - D

GEOLOGY

Waratah

COMPILED	GEODRAFT
DRAWN	GEODRAFT
DATE	11/79
AMENDED	21/2/80
SCALE	1 : 5000
PLAN No.	TAS/2/1990

80/615

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



LEGEND FOR GEOLOGICAL SERIES

ar	Argillite	pyr	Rhyolitic porphyry & minor acid intrusives
sh	Shale	pyd	Dacitic porphyry & minor acid intrusives
md,sl	Mudstone, slate	an	Andesite
ss	Siltstone	bs	Basalt
ss qz ch	Sandstone, quartzite, chert	g	Granite
cg	Conglomerate	do	Dolerite
gw	Greywacke	gb	Gabbro
gw,cg	Greywacke conglomerate	px	Pyroxenite
dl	Dolomite	sp	Serpentinite
ls	Limestone	um	Undifferentiated ultramafics
ph	Phyllite	tu	Tuffs
sc	Schist	ag	Agglomerate
ge	Gneiss	gs	Gossan
ho,am	Hornfels, Amphibolite		

- Geological boundary
- Unconformity
- Anticline showing direction of plunge
- Syncline showing direction of plunge
- Plunge of minor anticline
- Plunge of minor syncline
- Overturned anticline
- Overturned syncline
- Fault, showing hade
- Shear zone
- Strike and dip of bedding
- Strike of vertical bedding
- Location of horizontal bedding
- Overturned bedding
- Generalised strike & dip undulating strata
- Strike and dip of jointing
- Strike of vertical jointing
- Location of horizontal jointing
- Strike and dip of foliation
- Strike of vertical foliation
- Location of horizontal foliation
- Strike and dip of cleavage
- Strike of vertical cleavage
- Location of horizontal cleavage
- Mineral occurrence - minor
- Major mineral occurrence with mine
- Mine shaft - operating, disused
- Mine tunnel portal
- Costean, pit or trench
- Trigonometrical station
- Road/track
- Railway - used/disused(or formation)
- Peg location
- Drillhole location
- Building
- Dam or lake
- Drainage
- Topographic contour line
- Fence
- Sample point
- Quarry/dump

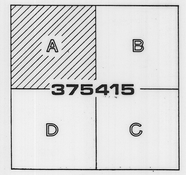
Mineralisation

		As b	Asbestos
		Az	Azurite
		By	Borytes
		Cc	Chalcocite
		Ch	Chalcopyrite
		Fl	Fluorspar
		G	Galena
		Ml	Malachite
		Mt	Magnetite
		Py	Pyrite
		Sp	Sphalerite
		Sr	Sericite
		St	Siderite

Mineral

		Ag	Silver
		As	Arsenic
		Au	Gold
		Ba	Barium
		Cd	Cadmium
		Cu	Copper
		Hg	Mercury
		Mn	Manganese
		Mo	Molybdenum
		Ni	Nickel
		Os	Osmiridium
		Pb	Lead
		Sb	Antimony
		Sn	Tin
		W	Tungsten
		Zn	Zinc

SHEET INDEX



5 cm

SCALE 1:5000

100 0 100 200 300 400 METRES

Contour Interval 25 Metres

Drawn by Kemp Drafting from material supplied by Australian Anglo American Limited.

COMSTAFF PROPRIETARY LIMITED

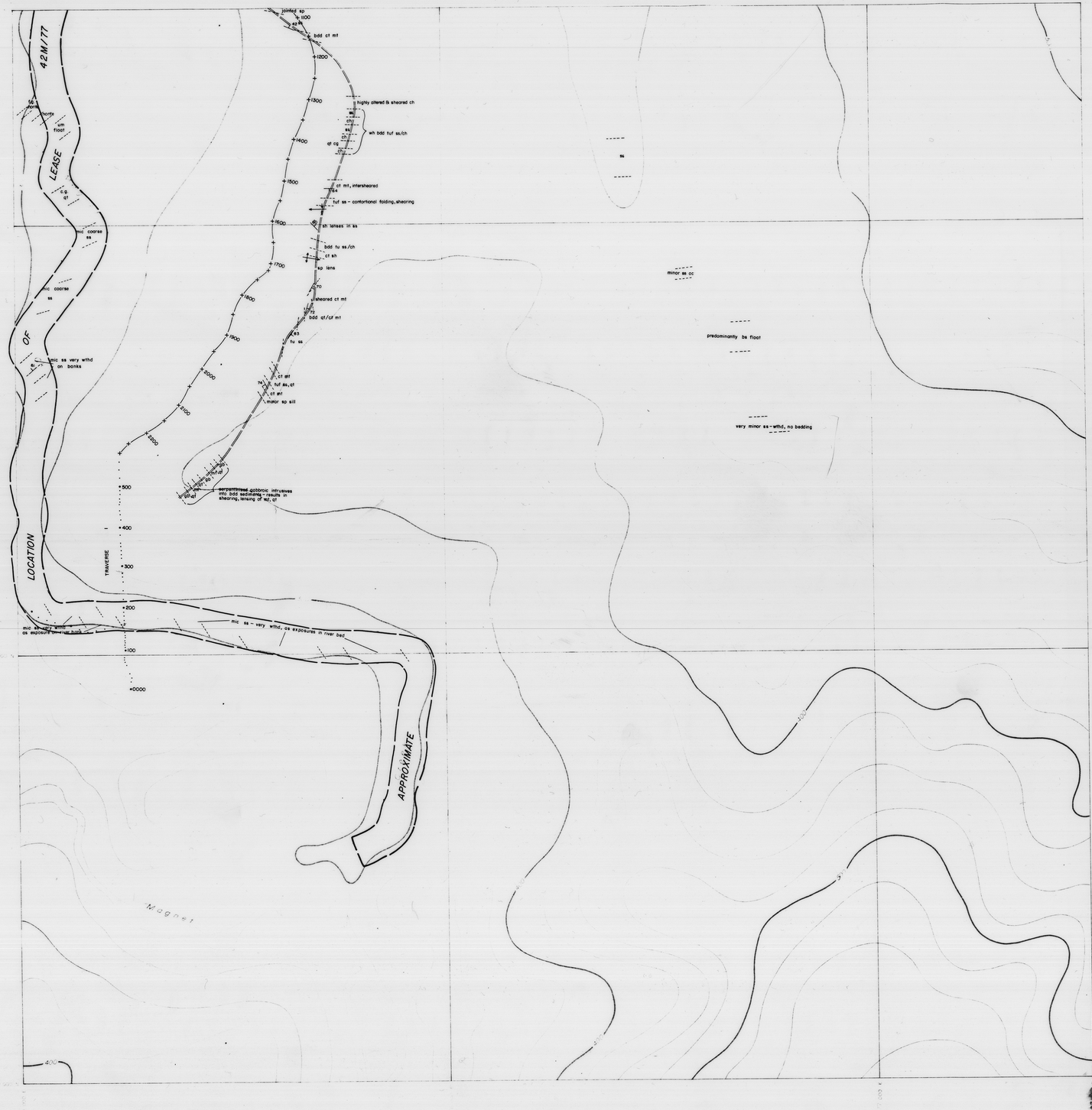
375415-A

GEOLOGY

80 1415

DRAWN	GEODRAFT
DATE	NOVEMBER 1977
COMPILED	VARIOUS
SCALE	1:5000
	TAS/2/1078

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD



LEGEND FOR GEOLOGICAL SERIES

ar	Argillite	pyr	Rhyolitic porphyry & minor acid intrusives
sh	Shale	pyd	Dacitic porphyry & minor acid intrusives
m,sl	Mudstone, slate	an	Andesite
ss	Siltstone	bs	Basalt
sq,qt,ch	Sandstone, quartzite, chert	g	Granite
cg	Conglomerate	do	Dolerite
gw	Greywacke	gb	Gabbro
gw,cg	Greywacke conglomerate	px	Pyroxenite
dl	Dolomite	sp	Serpentinite
ls	Limestone	um	Undifferentiated ultramafics
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- Major mineral occurrence with mine
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- Mine tunnel portal
- Costean, pit or trench
- Trigonometrical station (AMI BISCHOFF)
- Road/track
- Railway - used/disused(or formation)
- Peg location (+P32)
- Drillhole location (⊙B25)
- Building
- Dam or lake
- Drainage
- Topographic contour line (250)
- Fence
- Sample point (•T 3806)
- Quarry/dump

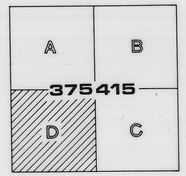
Mineralisation

As,b	Asbestos
Az	Azurite
By	Barytes
Cc	Chalcocite
Ch	Chalcopyrite
Fl	Fluorspar
G	Galena
Ml	Malachite
Mt	Magnetite
Py	Pyrite
Sp	Sphalerite
Sr	Sericite
St	Siderite

Mineral

Ag	Silver
As	Arsenic
Au	Gold
Ba	Barium
Cd	Cadmium
Cu	Copper
Hg	Mercury
Mn	Manganese
Mo	Molybdenum
Ni	Nickel
Os	Osmiridium
Pb	Lead
Sb	Antimony
Sn	Tin
W	Tungsten
Zn	Zinc

SHEET INDEX



5 cm

SCALE 1:5000

100 0 100 200 300 400 METRES

Contour Interval 25 Metres

Drawn by Kemp Drafting from material supplied by Australian Anglo American Limited

COMSTAFF PROPRIETARY LIMITED

375415-D

GEOLOGY

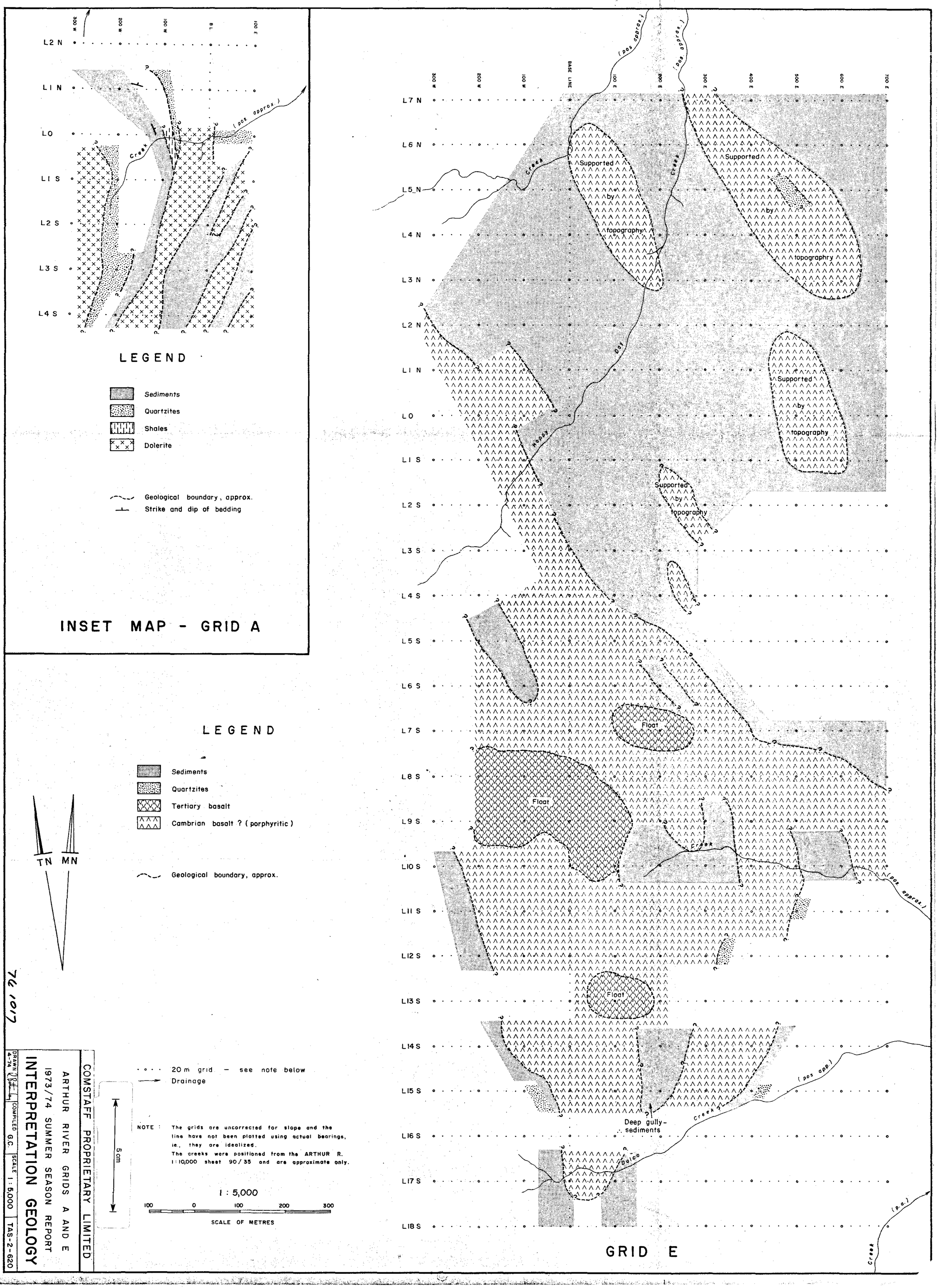
Waratah

801615

DRAWN	GEODRAFT
DATE	NOVEMBER 1977
COMPILED	VARIOUS
SCALE	1:5000
	TAS/2/1081

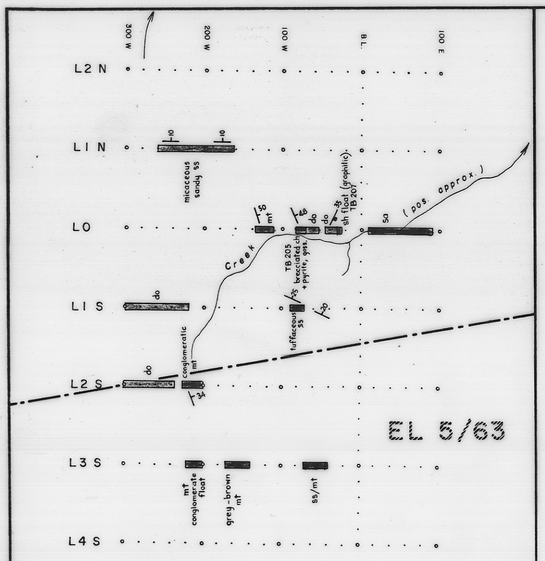
94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

25



94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

26



INSET MAP - GRID A

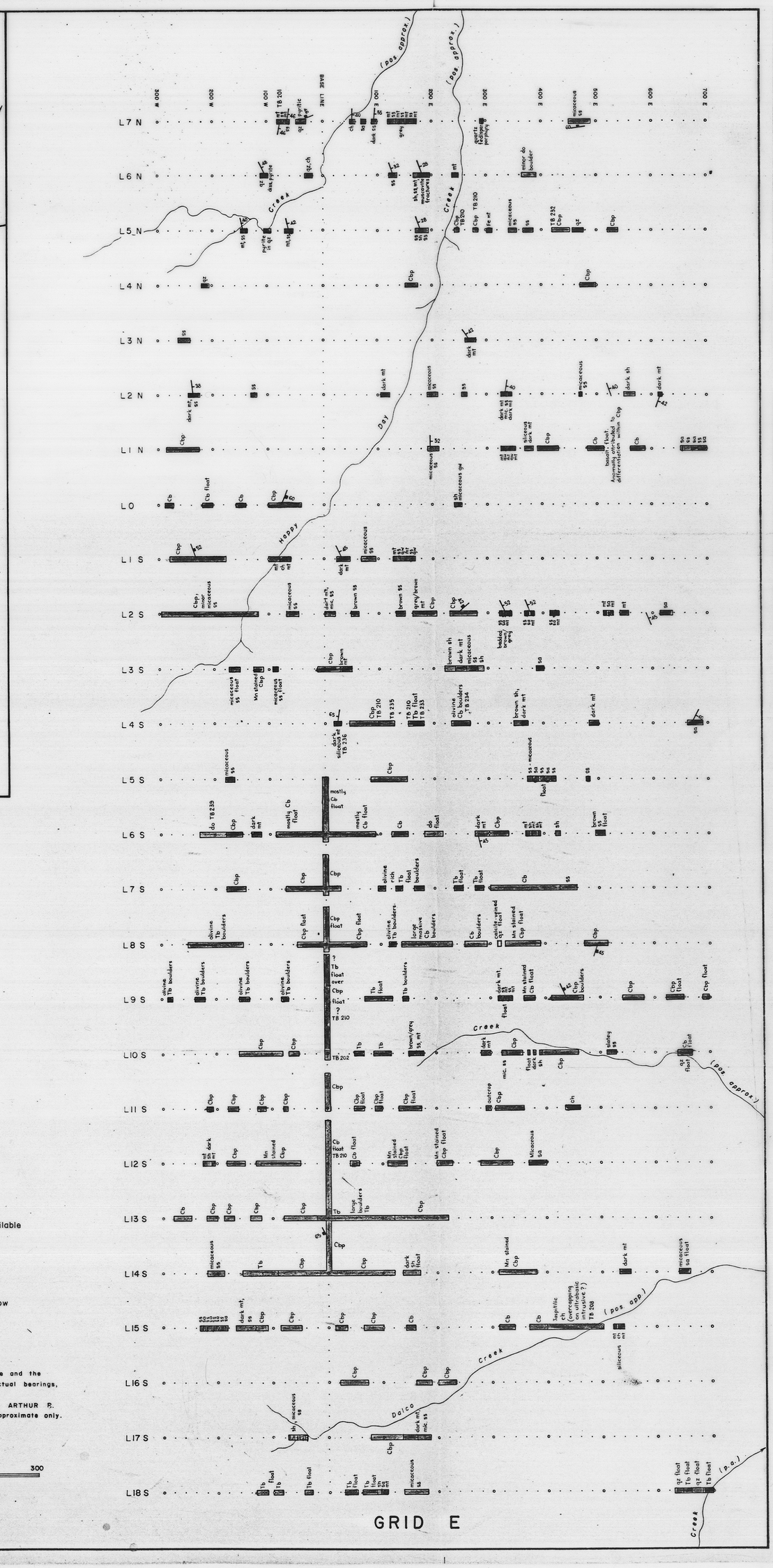
LEGEND

- Shale
- Siltstone
- Mudstone
- Sandstone
- Chert

IGNEOUS

- Dolerite

TB 205 Petrographic rock description available
Strike and dip of bedding
Strike and dip of jointing
Rock exposure on grid line
Northern boundary of E.L. 5/63



GRID E

LEGEND

- Quartzite
- Shale
- Siltstone
- Mudstone
- Sandstone
- Greywacke
- Chert

IGNEOUS

- Tertiary basalt
- Cambrian basalt ? (porphyritic)
- Dolerite

TB 202 Petrographic rock description available
Strike and dip of bedding
Strike and dip of jointing
Rock exposure on grid line
20 m grid — see note below
Drainage

NOTE : The grids are uncorrected for slope and the line have not been plotted using actual bearings, ie., they are idealized.
The creeks were positioned from the ARTHUR R. 1:10,000 sheet 90/35 and are approximate only.

1 : 5,000
100 0 100 200 300
SCALE OF METRES

5cm

TN MN

74/107

COMSTAFF PROPRIETARY LIMITED

ARTHUR RIVER GRIDS A AND E
1973/74 SUMMER SEASON REPORT

DETAIL GEOLOGY

DRAWN	COMPILED	SCALE	
4-74	G.C.	1 : 5,000	TAS-2-611

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

GRID B

GRID C

GRID D

EL 5/63

WANDLE Creek

MUNDAY'S ROAD

WANDLE RIVER (app. approx.)

BASE LINE

L3 N
L2 N
L1 N
LO
L1 S
L2 S
L3 S
L4 S
L5 S

100 W
100 E
200 E
300 E
400 E

TB 244 – sheared ultrabasic
TB 245 – basalt on sediment contact
TB 246 – highly sheared graphitic sh

Road metal quarry

TB 241
TB 242
TB 243
TB 240

TN MN

LEGEND

- qz – Quartzite
- me – Metasediments
- sh – Shale
- ss – Siltstone
- mt – Mudstone
- gw – Greywacke
- ch – Chert
- sp – Serpentinite
- bs – Basalt
- do – Dolerite
- g – Granite

TB 241 – Petrographic rock description available
Strike and dip of bedding
Rock exposure on grid line or road
Northern boundary of E.L. 5/63

. . . . 20 m grid — see note below
Drainage
Road

NOTE: The grids are uncorrected for slope, ie., they are idealized. Their relative positions are approximate only.

1 : 5,000

100 0 100 200 300
SCALE OF METRES

5 cm

COMSTAFF PROPRIETARY LIMITED

ARTHUR RIVER GRIDS B, C AND D
1973/74 SUMMER SEASON REPORT
DETAIL GEOLOGY

DRAWN 4-74 | COMPILED G.C. | SCALE 1 : 5,000 | TAS-2-627

7G 1017

94-3587
DUNDAS, RENTSON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

GRID B

GRID C

GRID D

L3 N
L2 N
L1 N
L0
L1 S
L2 S
L3 S
L4 S
L5 S

Sheared sed.
Sheared sed.
Road metal quarry
Based on float evidence only
Lenses
Lenses
100 W
BASE LINE
100 E
200 E
300 E
400 E
WANDLE
MUNDAY'S ROAD
RIVER
Creek
Quartzites / cherts
Quartzites / cherts
Dolerite sills - air photo interp. only
WANDLE RIVER (pos. approx.)
Micaceous siltstone
Sediment
Northern limit of tertiary basalt float
Basalt float obscures underlying sediment
Basalt float
ROAD

TN MN

LEGEND

- Sediments
- Siltstone
- Chert
- Serpentinite
- Tertiary basalt
- Dolerite
- Geological boundary, approx.
- Strike and dip of bedding
- 20 m grid — see note below
- Drainage
- Road

NOTE: The grids are uncorrected for slope, ie., they are idealized. Their relative positions are approximate only.

1 : 5,000

100 0 100 200 300

SCALE OF METRES

5 cm

COMSTAFF PROPRIETARY LIMITED

ARTHUR RIVER GRIDS B, C AND D

1973/74 SUMMER SEASON REPORT

INTERPRETATION GEOLOGY

DRAWN	COMPILED	SCALE	
4-74	G.C.	1 : 5,000	TAS-2-634

74 10 17

94-3587
DUNDAS, RENISON AND WARATAH AREAS
(EL 5/63)
COMSTAFF PTY LTD

5 cm

EL 1/68

EL 5/63 AREA 1

AREA CEDED TO METALS EXPLORATION P/L

WARATAH

LUINA

5 420 000 mE

5 410 000 mE

380 000 mE

370 000 mE

LEGEND

- Access road surveying
- Grid lines cut
- Grid lines surveyed
- Grid lines sampled
- Stream sediment samples taken
- Geophysical survey
- Costeaning
- Geological mapping
- Drilling
- Location of Arthur River traverses

COMSTAFF PROPRIETARY LIMITED

EL 1/68 & EL 5/63 AREA 1
MAGNET / HEAZLEWOOD
PLAN TO ACCOMPANY MONTHLY REPORT
FEBRUARY 1980

DRAWN	COMPILED	SCALE	
GEODRAFT	D.J.M. 2/80	1 : 50000	TAS/2/1897

SD 1415