TCR 03-4898

Tasmanian Mineral Exploration Company Report

Title: Tube number 4: Grand Prize, Carbine Hill 1981-82. (EL 42/71)
Company: PlacerDome

Plans from archive store in Zeehan

Compiled by David Green 4 June 2003.

03_4898

Tube 4 - Grand Prize, Carbine Hill 1981-82
(EL42/1971)
Placer Dome Asia Pacific*
Green, D. EL42/1971

Tube 4

1:50000 SHEET	EL No.	SCALE	REMARKS	DATE
Zeehan		1:2000	Grand Prize - Survey Mine Lease Boundaries.	
Zeehan		1:2000 (RMG)	Grand Prize. Survey RU 1316 ~~(RMG)~~	
Zeehan		1:2000 (RMG)	Grand Prize Survey RU 0192	
Zeehan		1:2000 RMG	Grand Prize Survey VY0104	
Zeehan		1:2000 RMG	Grand Prize Survey VY0912	
Zeehan		1:2000 RMG	Grand Prize Survey VY0508	
Zeehan		1:2000 RMG	Grand Prize Survey VY 1316	
Zeehan		1:2000 RMG	Grand Prize Area, VY0912, Interpretive Geology and Diamond Drilling	Oct '81
Zeehan		1:2000 RMG	Grand Prize Area, VY0508, Interpretive Geology and Diamond Drilling	Oct '81
Zeehan		1:2000 RMG	Grand Prize Area, ~~VY~~ Factual Geology Plan - S28	
Zeehan		1:2000 RMG	~~Grand~~ Prize Area, Interpretive Geology ~~Plan~~. Plan - S29	Nov '78
Zeehan		1:2000 RMG	Grand Prize Area, Fact Geology S30	Dec '81
Zeehan		1:2000 RMG	Grand Prize Area, Interpretive Geology Plan S29	Jan '82
Zeehan		1:2000 RMG	Grand Prize Area FACT GEOLOGY S35	Nov '81
Zeehan		1:2000 RMG	Grand Prize Area S29 Proton Magnetometer Readings	Aug '82
Zeehan		1:2000 RMG	Grand Prize Area ~~S28~~ S35 Proton Magnetometer Readings	Aug '82
Zeehan		1:500 RMG	GP6 Drill Hole locality plan	Aug '82
Zeehan		1:500 RMG	GP5 Drill Hole Locality Plan	Aug '82
Zeehan		1:500 RMG	GP4 Drill Hole Locality Plan	Aug '82
Zeehan		~~1:500 RMG~~ 1:2000 RMG	Section showing ~~along~~ drillhole S947 Along 14200 N Fig 2.	Aug '82
Zeehan		1:2000 RMG	Section showing drillhole S969 along 14400 N. Fig 3.	Aug '82
Zeehan		1:2000 RMG	Drillhole Locality Plan S35.	
Zeehan.	42/71	1:2000	Grand Prize - Carbine Hill Grid E.L. 42/71 Line Profile 700N.	May 1985

1:50000 SHEET	EL Nº.	SCALE	REMARKS	DATE
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid Line 800N	May 1985
Zeehan.	42/71	1:2000	South Renison, Carbine Hill Grid Line Profile 600N	May 1985
Zeehan.	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 500N	May 1985.
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 2000N	May 1985.
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 2000N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 1900N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 1300N	May 1985.
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid Line Profile 1400N	May 1985
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 1400N	May 1985
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid Line Profile 1000N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 1100N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 900N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 2500N	May 1985
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 2200N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid Line Profile 2300N	May 1985
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 2800N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid. Line Profile 2700N	May 1985
Zeehan	42/71	1:2000	South Renison, Carbine Hill Grid. Line Profile 2400N	May 1985
Zeehan	42/71	1:2000	Grand Prize, Carbine Hill Grid Line Profile 3300N	May 1985



LEGEND

RECENT	Qra	Alluvium
JURASSIC	Jd	Dolerite dyke
DEVONIAN	Dg	Granitoid
MIDDLE - UPPER CAMBRIAN DUNDAS GROUP	Eds	Siltstone / sandstone / shale
	Edc	Conglomerate
MIDDLE AND POST MIDDLE CAMBRIAN = SERPENTINE HILL ULTRAMAFIC COMPLEX	Eum	Undifferentiated ultramafic
	Eus	Serpentinite
	Eut	Tremolite rock
	Eug	Gabbro
*POST MIDDLE CAMBRIAN MEGA SPILITES	Es	Spilite
CAMBRIAN	Eg	Gabbro
LOWER - MIDDLE CAMBRIAN ORNSON CREEK FORMATION	Ec	Pyroclastics and sediments

GEOLOGICAL KEY

- Geological boundary
- Inferred boundary
- Doubtful boundary
- Strike and dip of bedding
- Strike, dip not determinable
- Vertical bedding
- Strike and dip of jointing
- Strike and dip of shearing
- Fault
- Mine
- Plunge of fold axis
- Diamond drill hole
- Petrological description by H.W.Flinder
- Sample collected and described by N.Rubenach
- Outcrop (e/c)

5 cm

TRAVERSE LINES

- Located relative to a survey station or surveyed by Renison Survey Department
- Taken from aerial photographs
- Unlocated

Fashors used to help position unlocated lines include old tape and compass surveys, intersections with creeks and tracks and intersections with other traverse lines.

PHOTOGRAMMETRIC PLOTTING BY H.E.C. 1976
PHOTOGRAPHY BY LANDS DEPT 1975

GRID LINE SYSTEMS

N.D.G.	– North Dundas Grid	Established 1967/68
D.G.	– Dolcoath Grid	Established 1967/68
S.R.B.H.G.	– South Renison Bell Hill Grid	Established – 1968
C.H.G.	– Commonwealth Hill Grid	Established 1968/69
K.F.G.	– Kopi Fault Grid	Established 1970
M.L.C.E.C.	– Mount Lyell Copper Estates Grid	Established 1970
K.R.G.	– Karlson – Riley Grid	Established 1970
R.M.L.G.	– Renison Mine Lease Grid	Established 1973
P.H.G.	– Pine Hill Grid	Established 1975
K.G.	– Kopi Grid	Established 1976

The following lines have been located relative to survey stations
16 600 N (P.H.G.) on the old Penzance walking track
5600'S (K.R.G.) on the Pine hill road
1330 W (C.H.G.) on the Kopi Thoulidge track
2100 W (C.H.G.) on the Kopi Thoulidge track

MAPPING

Commonwealth Hill Grid and N.E. Dundas Tram	–	Shakesby, Ferguson and Emberton 1968-70
North Dundas Grid	–	Forsythe 1968
South Renison Bell Hill Grid	–	McKeon 1969/70
Commonwealth Hill road	–	Ross 1975
Kopi Grid	–	Kelleher 1976
Pine Hill area	–	Stephenson 1978

Minor mapping also by Griffiths, 1962 and McKenzie 1960
Rubenach, 1967, included this area in his Ph.D. thesis

LEGEND
ROAD
TRACK

Magnetic North
Renison Grid North

RENISON LIMITED

INTERPRETATIVE GEOLOGY PLAN

GEOLOGIST	P.R. STEPHENSON
DRAUGHTSMAN	J.M. MATTHEWS
DATE	NOV. 1978
REVISIONS	
SCALE	1:2,000 METRES (40 0 40 80)
DRAWING No.	S 23

GRAND PRIZE SOUTH RENISON FACT GRID 1:2000 RING S 23

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Data Capture Project Document No. 1981-02 RECAPTURED by Adam Hamel 31/08/2011 Scan D


Qra
Eum
Es
Eg
Ec
Ed
Eus
F?
?F
Er
Eh
Eb
Erfe
Rhyolitic tuff
Quartz - feldspar crystal tuff
Siliceous conglomerate
Tuff
SERPENTINE HILL
MAUNSELL
MOUNT MELBA
Soft buff weathered rock
Soft yellow brown rock
Soft yellow brown rock with quartz veins
Soft yellow brown rock with quartz veins and pyrite
Soft yellow brown rock with pyrite
Soft yellow brown rock with pyrite and quartz veins
Soft yellow brown rock with pyrite and quartz veins and pyrite
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Tube 4 - Grand Prize, Carbine Hill 1081-82
(EL4321071)
Placer Dome Asia Pacific*
Green, D. EL4321071

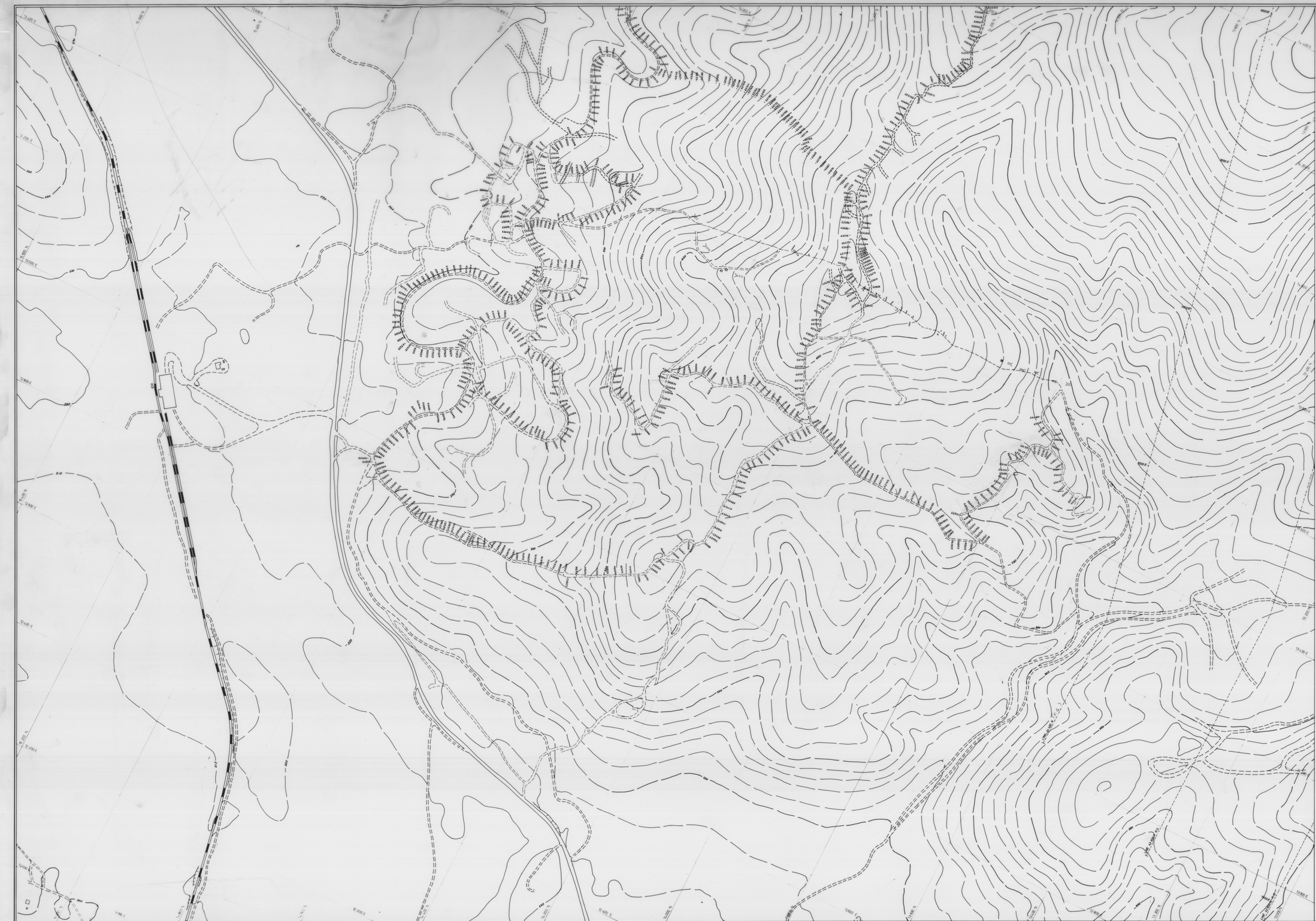
RENISON LIMITED

FACT GEOLOGY

5 cm

GEOLOGIST	SCALE 1 2000 METRES
DRAUGHTSMAN J. Matthews	40 0 40 80
DATE Nov. 1981	
REVISIONS	DRAWING No. S 35

GRAND PRIZE FACT GEOLOGY 1:2000 RNG 535



SOUTH RENISON
GRAND PRIZE GEOPHYSICS
1:2000 RMG PROTON MAGNETICS
S35

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Tube 4 - Grand Prize, Carbine Hill 1981-82
(EL42/1971)
Placer Dome Asia Pacific*
Green, D. EL42/1971

5 cm

TRAVERSE LINES

Located relative to a survey station, or surveyed by Renison Survey Department

Taken from aerial photographs

Unlocated

Factors used to help position unlocated lines include old tape and compass surveys, intersections with creeks and tracks, and intersections with other traverse lines

GRID LINE SYSTEMS

R.G. Rosebrook Grid Established 1968

RENISON LIMITED

PROTON MAGNETOMETER READINGS

GEOLOGIST	L. Bond	SCALE 1:2000 METRES
DRAUGHTSMAN	A. White	40 0 40 80
DATE	August 1982	
REVISIONS		DRAWING No. S 35



PHOTOGRAMMETRIC PLOTTING BY H.E.C. 1976

PHOTOGRAPHY BY LANDS DEPT. 1975

TRAVERSE LINES

Located relative to a survey station or surveyed by Renison Survey Department.

Taken from aerial photographs.

Unlocated.

Factors used to help position unlocated lines include old tape and compass surveys, intersections with creeks and tracks and intersections with other traverse lines.

GRID LINE SYSTEMS

R.G.	Razorback Grid	Established 1968
K.G.	Kapi Grid.	Established 1976
S.R.B.H.G.	South Renison Bell Hill Grid	Established ~ 1968
C.H.G.	Commonwealth Hill Grid.	Established 1968/69

LEGEND

ROAD

TRACK

03_4898

Tube 4 - Grand Prize, Carbine Hill 1981-82
(EL42/1971)
Placer Dome Asia Pacific"
Green, D. EL42/1971

5 cm

RENISON LIMITED

PROTON MAGNETOMETER READINGS

GEOLOGIST	L.D. Bond	SCALE 1:2000 METRES
DRAUGHTSMAN	A.J. White	40 0 40 80
DATE	August 1982	
REVISIONS		DRAWING No. S 29

SOUTH RENISON
GRAND PRIZE
1:2000
AMG
P GEOPHYSICS
PROTON MAGNETICS
(S29)

BLACK HILL

GEOLOGY

- Siliceous conglomerate
- Argillaceous conglomerate
- Sandstone - fine grit
- Siltstone
- Greywacke - fine grits

5 cm

03_4898

Tube 4 - Grand Prize, Carbine Hill 1981-82
(EL4021071)
Placer Dome Asia Pacific*
Green, D. EL4021071

RENISON LIMITED

FACT GEOLOGY

GEOLOGIST	SCALE 1:2000 METRES
DRAUGHTSMAN J. Matthews	0 20 40 60 80
DATE Dec. 1981	
REVISIONS	DRAWING No. S 30

SOUTH RENISON
GRAND PRIZE
1:2000 PLAN
FACT
GEOLOGY
S 30



GEOLOGICAL KEY

- Strike and dip of bedding
- Strike – dip not determinable
- Vertical bedding
- Strike and dip of jointing
- Strike and dip of faulting
- Normal fault
- Mineralized fault (or cleavage)
- Fold axes
- Petrology, mineragraphy specimen
- Petrological description
- Adit
- Mine dump
- Shaft
- Diamond drill Hole
- Traverse line

Data derived from Renison Survey metrificated 1 2000 Plans

Data derived from Enlarged 1 5000 Plans Zeehan B 4/2 and B 4/4

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Tube 4 - Grand Prize, Carbine Hill 1981-82 (EL4211971) Placer Dome Asia Pacific Green, D. EL4211971

LEGEND

Road

Track

N.D.G North Dundas Grid Established 1967 / 68

NOTE

Most tracks traced from Forsyth's geological map.

Magnetic North

Renison Grid North

5 cm

RENISON LIMITED

FACT GEOLOGY PLAN

GEOLOGIST	SCALE 1 2000 METRES
DRAUGHTSMAN	40 0 40 80
DATE	
REVISIONS	DRAWING No. S 24

SOUTH RENISON
GRAND PRIZE FACT
1:2000 RMG GEOLOGY
S24