03-4916

Tasmanian Mineral Exploration Company Report

Title: Zeehan 1:5000, B4/1, B4/3
Company: PlacerDome

Plans from archive store in Zeehan

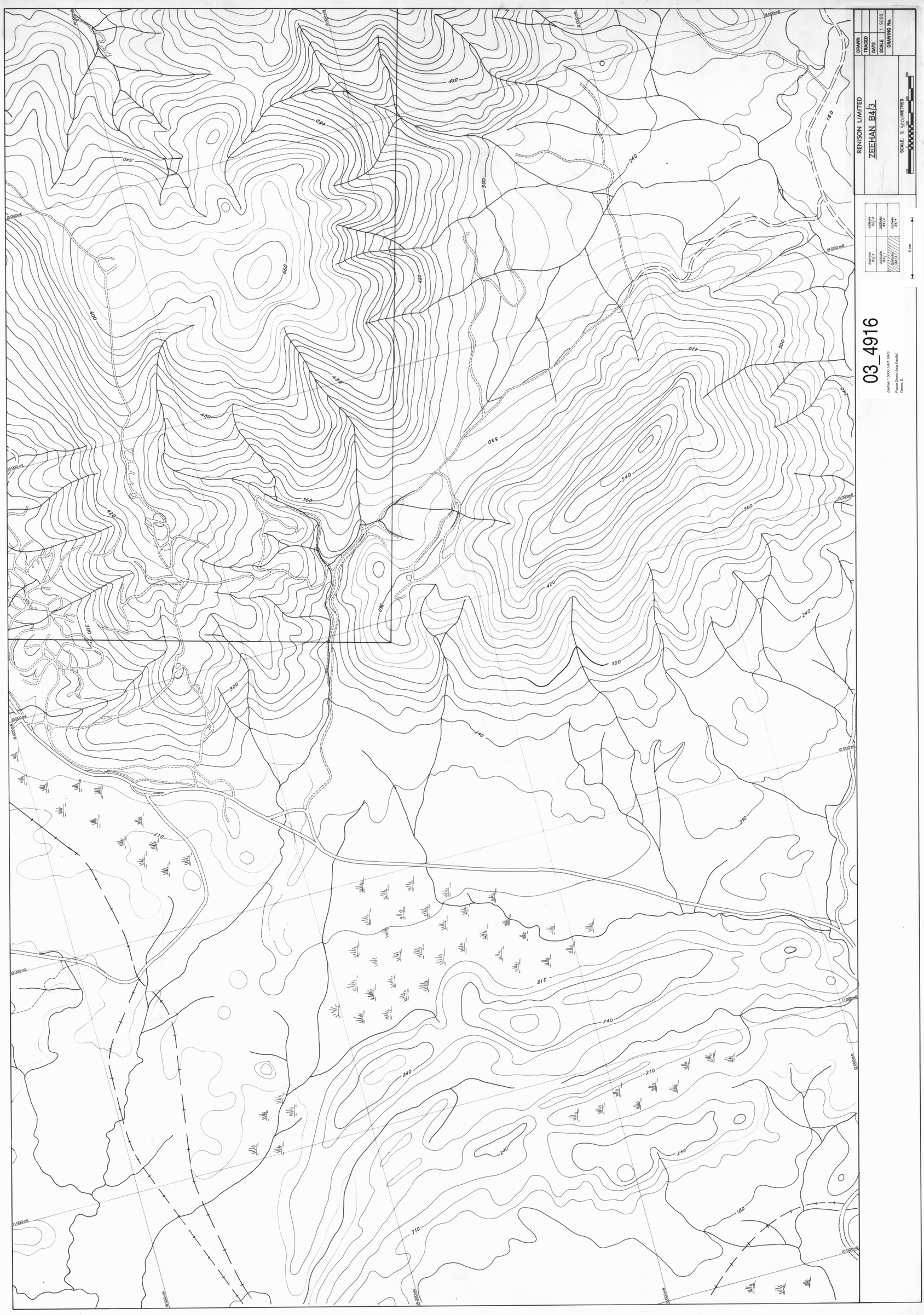
Compiled by David Green 4 June 2003.

03_4916

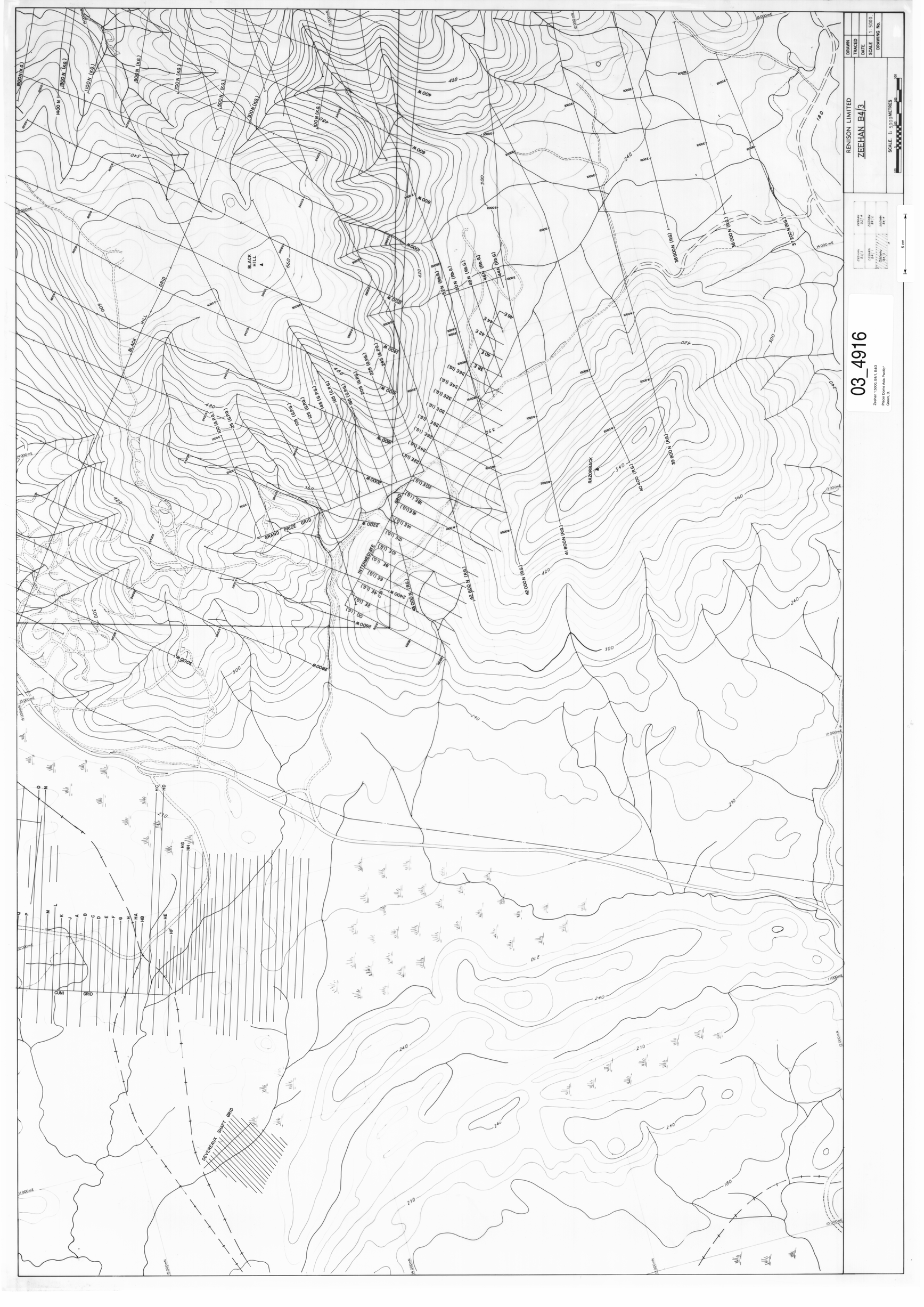
Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

1:5000 ZEEHAN B 4/3 CONTOUR



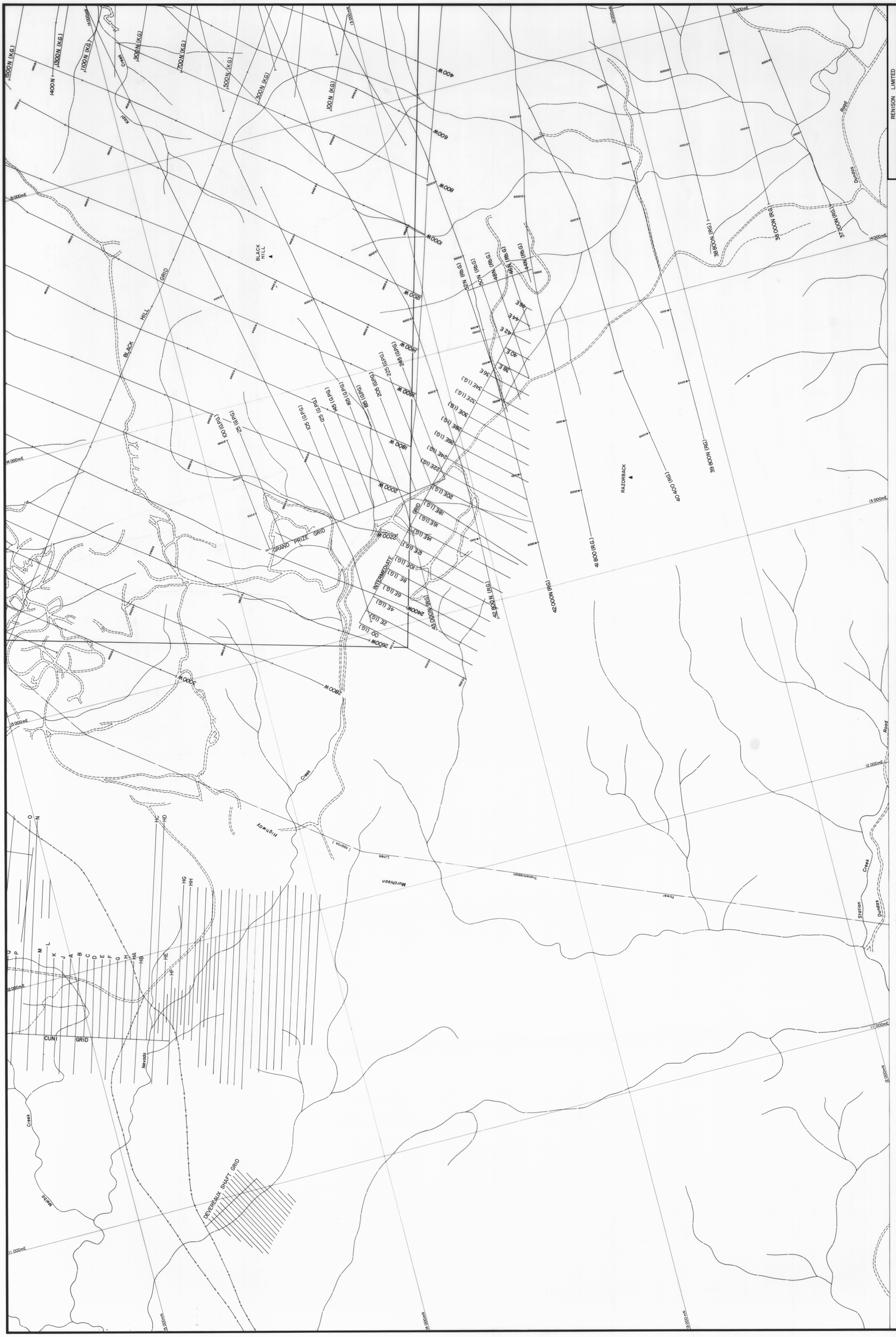
1:5000 ZEEHAN B4/3 CONTOUR & GRID



1:5000

ZEEHAN B4/3

ACCESS



E.L. 15/76

Blowfly
Mosquito
Voudeau
McKimmie
Nickle Reward
Great Nevada
Razorback
Black Hill
Razorback

N.E. DUNDAS TRAM
RAILWAY
EMU BAY
MURCHISSON HIGHWAY
BLACK HILL GRID
INTERMEDIATE GRID
KAPI GRID
DUNDAS GRID
RAZORBACK GRID
GRAND PRIZE
NEVADA FAULT
PR 125W/75
PR 23W/35
PR 18W/84

53 66000 N
5365000 N
5364000 N
5363000 N
536 4000 N
5363000N
3605 345
3000 E
3400 E
3800 E
3900 E
3700 E

SEDIMENTARY ROCKS

Quaternary

- Qt — Talus
- Qa — Alluvium

Cambrian

Upper Cambrian

- €fo — Fernflow Formation
- €ch — Carbine Hill Greywacke
- €gn–€mt — Great Northern Siltstones (Rhyolitic Tuffs)
- €co — Comet Formation
- €b/€fe — Undifferentiated Brewery Junction & Fernfields Formations
- €fe — Fernfields Formation
- €b — Brewery Junction Formation

- €ra — Razorback Conglomerate (Quartz Feldspar Crystal Tuff)
- €h — Hodge Slate
- €rl — Red Lead Conglomerate
- €mt — Mafic Pyroclastics or reworked Mafic Lavas
- €ms — Melba Spilites
- €um — Ultra-mafic rock (undifferentiated)
- €us — Serpentinite
- €ut — Tremolite rock

Lower Cambrian

- €c — Crimson Creek Formation

Pre-Cambrian

- Puo — Oonah Formation

IGNEOUS ROCKS

Intrusives

- Jd — Jurassic Dolerite
- Dg — Devonian Granite
- €g — Cambrian Gabbro

SYMBOLS

- Interpreted Geological Boundary
- Fault, approximate position
- Vertical Bedding
- Dip & Strike of Bedding
- Dip & Strike of Foliation
- Anticlinal, Synclinal Axis
- Dip & Strike of Jointing
- Compositional layering in Ultra-mafic
- Limit of Hornsfelsing
- Mine workings, Adit
- Shaft
- Dump
- Alluvial workings

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

ZEEHAN B4/3

SCALE 1:5000 METRES 100 0 100 200 300

DRAWN	
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

ZEEHAN B4/3
1:5000 INTERPRETATIVE
Grand Prize GEOLOGY
A1-62
1994

E.L. 15/76

Black Hill

Razorback

Great Nevada

Blowfly

Mosquito

Voudeou

Nickle Reward

McKimmie

EMU BAY RAILWAY

NE DUNDAS TRAIL

MURCHISSON HIGHWAY

BLACK HILL GRID

GRAND PRIZE GRID

INTERMEDIATE GRID

DUNDAS GRID 52N

RAZORBACK GRID

NEVADA TRAIL

KAPI GRID

SEDIMENTARY ROCKS

Quaternary

- Qt — Talus
- Qa — Alluvium

Upper Cambrian

- Cfs — Fernfields Formation — Siltstones, Conglomerates
- Ccb — Corbine Hill Greywacke — Greywackes Carbonates, Dolomitic Conglomerates
- Ccs — Confidence Saddle Formation — Greywackes, Grits, Conglomerates
- Cbj — Brewery Junction Formation — Siltstones, Greywackes, Conglomerates, Quartz-Feldspar Crystal Tuffs
- Cb/Cfs — Undifferentiated Brewery Junction Formation and Razorback Conglomerate — Siltstones, Carbonate bearing Greywackes
- Ch — Hodge Slate — Shales
- Crl — Red Lead Conglomerate — Conglomerates
- Cms — Matic Clastics — Mafic Pyroclastics or reworked Lavas
- Cra — Razorback Conglomerate — Conglomerates, Greywackes, Crystal Tuffs

Lower Cambrian

- Cc — Crimson Creek Formation

Pre-Cambrian

- Puo — Oonah Formation

IGNEOUS ROCKS

Extrusives

- Cms — Melba Spilites
- Cum — Ultra-mafic Rock (undifferentiated)
- Cs — Serpentinite
- Cut — Tremolite Rock

Intrusives

- Jd — Jurassic Dolerite
- Dg — Devonian Granite
- Cg — Cambrian Gabbro

SYMBOLS

- Interpreted Geological Boundary
- Fault, approximate position
- Vertical Bedding
- Dip & Strike of Bedding
- Dip & Strike of Foliation
- Anticlinal, Synclinal Axis
- Dip & Strike of Jointing
- Compositional layering in Ultra-mafic
- Limit of Hornfelsing
- Mine workings, Adit
- Shaft
- Dump
- Alluvial workings
- Carbonate at the Razorback Mine

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

ZEEHAN B4/3

DRAWN	
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

SCALE 1:5000 METRES 0 100 200 300

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

1:5000 ZEEHAN B4/3
GRAND PRIZE INTERP. GEOLOGY AREA
1965



03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

SEDIMENTARY ROCKS

Quaternary
- Qt — Talus
- Qa — Alluvium

Cambrian
Upper Cambrian
- Cd — Dundas Group (undifferentiated)
- Cfo — Fernflow Formation
- Cco — Comet Formation
- Cfs — Fernfields Formation
- Cb — Brewery Junction Formation
- Crq — Razorback Conglomerate, Quartz Feldspar Crystal Tuff
- Ch — Hodge Slate
- Crl — Red Lead Conglomerate
- Cmf — Mafic Pyroclastics or reworked Mafic Lavas
- Cms — Melba Spilites
- Cum — Ultra-mafic rock (undifferentiated)
- Cus — Serpentinite
- Cut — Tremolite rock

Lower Cambrian
- Cc — Crimson Creek Formation, Magnetic Unit

Pre-Cambrian
- Puo — Oonah Formation

IGNEOUS ROCKS
- Jd — Jurassic Dolerite
- Dg — Devonian Granite
- Cg — Cambrian Gabbro

SYMBOLS
- Interpreted Geological Boundary
- Fault, approximate position
- Vertical Bedding
- Dip & Strike of Bedding
- Dip & Strike of Foliation
- Anticlinal, Synclinal Axis
- Dip & Strike of Jointing
- Compositional layering in Ultra-mafic
- Limit of Hornsfelsing
- Mine workings, Adit
- Shaft
- Dump
- Alluvial workings

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

INTERPRETATIVE GEOLOGY ZEEHAN B4/3

SCALE 1:5000 METRES (100 0 100 200 300)

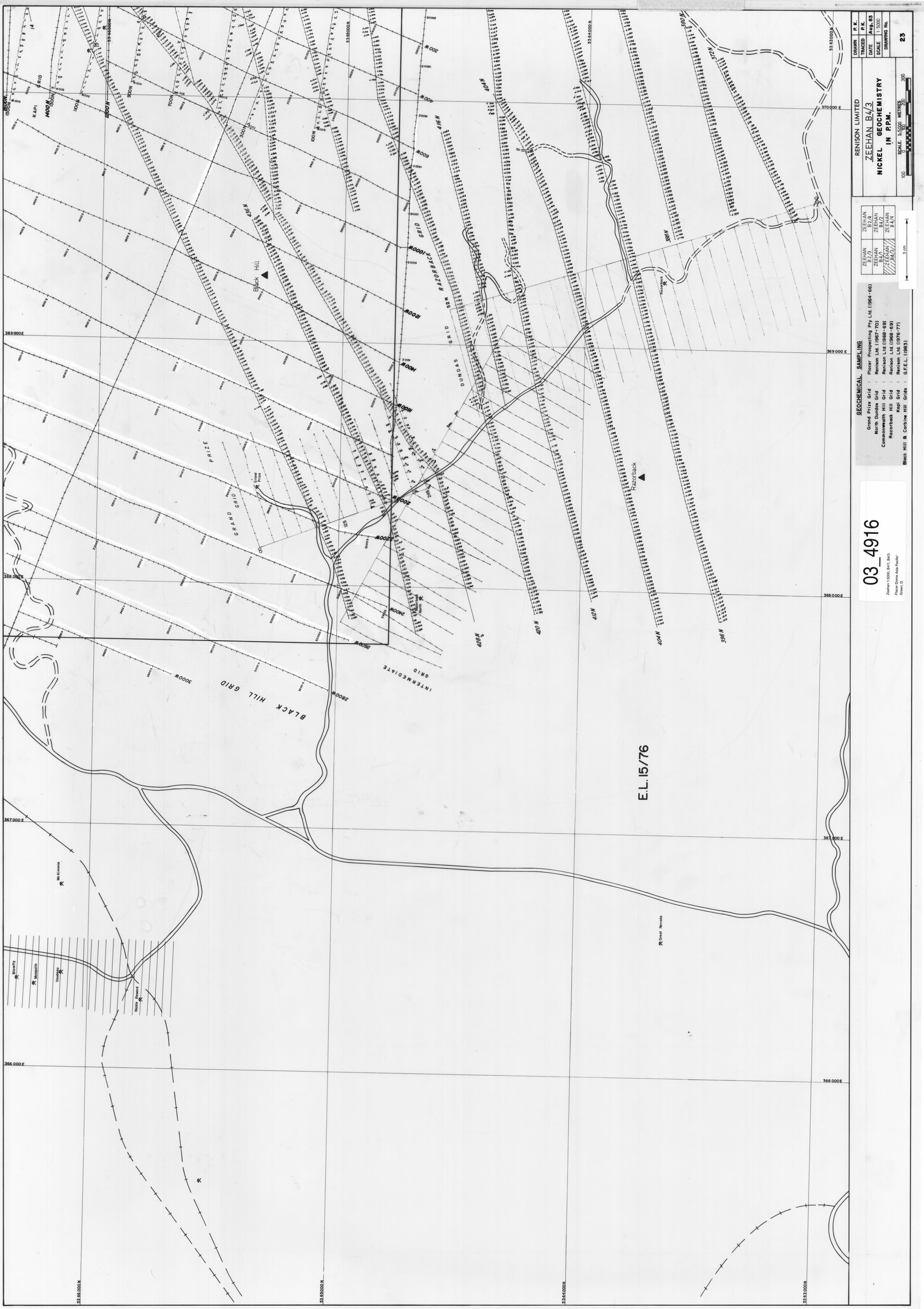
FIG. 4

DRAWN	P.K.
TRACED	S.F.
DATE	Oct, 83
SCALE	1:5000
DRAWING No.	

ZEEHAN B4/3 1:5000
INTERPRETIVE GEOLOGY

Zeehan B4/3 1:5,000 Geochemistry Ni

Zeehan B4/3 1:5000
Soil Geochemistry Ni



Zeehan B4/3 1:5000 Geochemistry Cu

Zeehan B4/3 1:5000 Soil Geochemistry Cu

175000 ZEEHAN B4/3

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kapi Grid	:	Renison Ltd. (1976-77)
Black Hill & Carbine Hill Grids	:	G.F.E.L. (1983)

SAMPLES
- Soil
- × Rock Chip

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

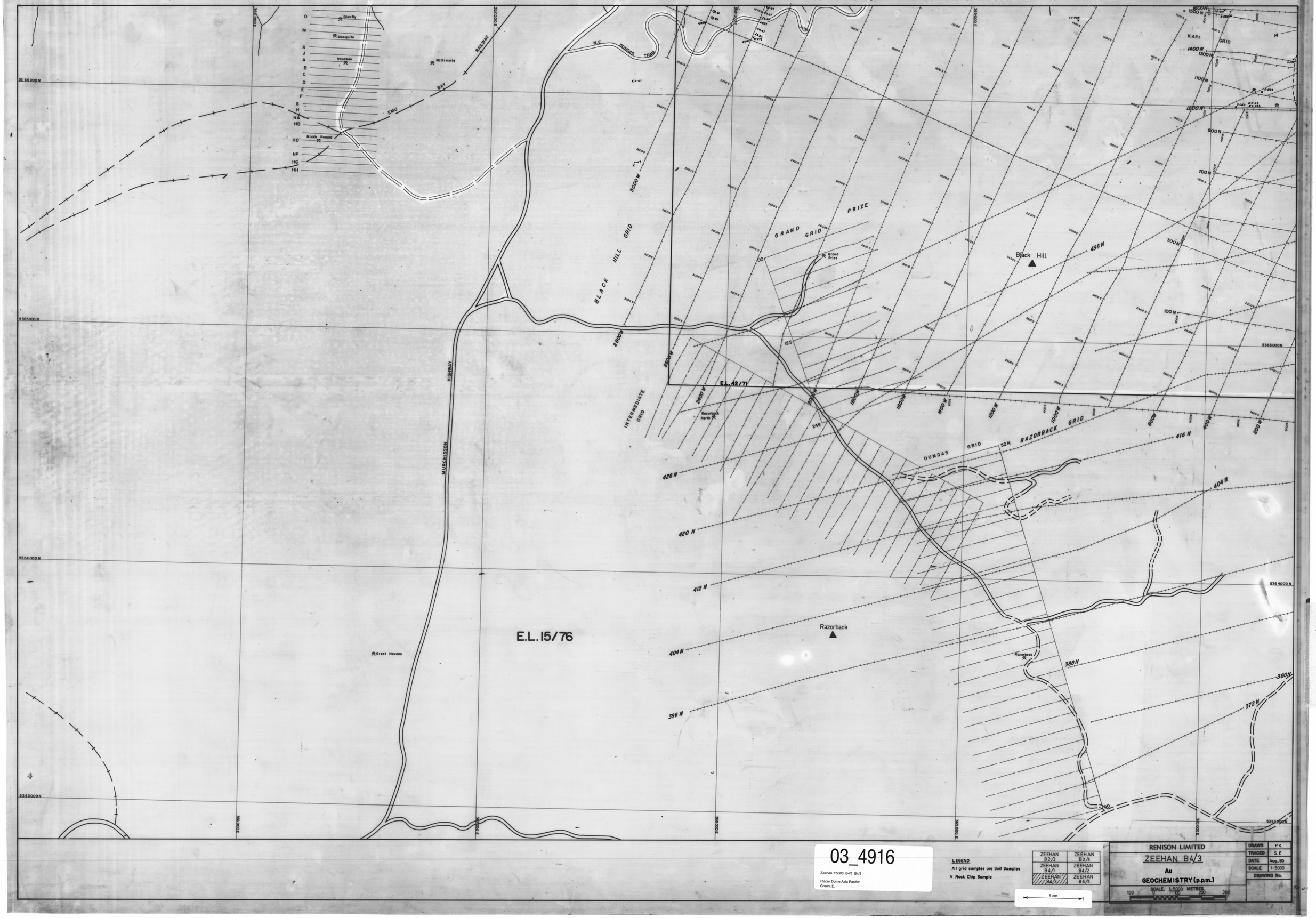
RENISON LIMITED

ZEEHAN B4/3

COPPER GEOCHEMISTRY IN P.P.M.

SCALE 1:5000 METRES
100 0 100 200 300

DRAWN	P. K.
TRACED	P.K./S.F.
DATE	May. 84
SCALE	1:5000
DRAWING No.	
FIG. 13	


Blowfly
Mosquito
Voudoo
McKimmie
Nickle Reward
RAILWAY
BAY
EMU
N.E. DUNDAS TRAIL
BLACK HILL GRID
GRAND PRIZE GRID
Grand Prize
Black Hill
436 N
KAPI GRID
INTERMEDIATE GRID
Razorback North
E.L. 42/71
DUNDAS GRID
52N
RAZORBACK GRID
416 N
428 N
420 N
412 N
404 N
396 N
388 N
380N
372 N
MURCHISSON HIGHWAY
Great Nevada
E.L. 15/76
Razorback
Razorback
5365000N
5364000N
5363000N
536400 N
536300N
3600E
3700E
3800E
3900E
3500E
3400E
3300E
3200E
3100E
3000E
2900E
2800E
2700E
2600E
2500E
2400E
2300E
2200E
2100E
2000E
1900E
1800E
1700E
1600E
1500E
1400E
1300E
1200E
1100E
1000E
900E
800E
700E
600E
500E
400E
300E
200E
3000W
2800W
2700W
2600W
2500W
2400W
2300W
2200W
2100W
2000W
1900W
1800W
1700W
1600W
1500W
1400W
1300W
1200W
1100W
1000W
900W
800W
700W
600W
500W
400W
300W
200W
100W
1900N
1800N
1400N
1300N
1100N
1200N
900N
700N
300N
100N
O
M
K
J
A
B
C
D
E
F
G
H
HA
HB
HD
HF
HG
HH
X=01
X=07
X=55
X=935
Cp.01
Cp.02
Cp.03
Cp.04
Cp.05
Cp.06
Cp.07
Cp.08
Cp.09
Cp.10
Cp.11
Cp.12
Cp.13
Cp.14
Cp.15
Cp.16
Cp.17
Cp.18
Cp.19
Cp.20
Cp.21
Cp.22
Cp.23
Cp.24
Cp.25
Cp.26
Cp.27
Cp.28
Cp.29
Cp.30
Cp.31
Cp.32
Cp.33
Cp.34
Cp.35
Cp.36
Cp.37
Cp.38
Cp.39
Cp.40
Cp.41
Cp.42
Cp.43
Cp.44
Cp.45
Cp.46
Cp.47
Cp.48
Cp.49
Cp.50
Cp.51
Cp.52
Cp.53
Cp.54
Cp.55
Cp.56
Cp.57
Cp.58
Cp.59
Cp.60
Cp.61
Cp.62
Cp.63
Cp.64
Cp.65
Cp.66
Cp.67
Cp.68
Cp.69
Cp.70
Cp.71
Cp.72
Cp.73
Cp.74
Cp.75
Cp.76
Cp.77
Cp.78
Cp.79
Cp.80
Cp.81
Cp.82
Cp.83
Cp.84
Cp.85
Cp.86
Cp.87
Cp.88
Cp.89
Cp.90
Cp.91
Cp.92
Cp.93
Cp.94
Cp.95
Cp.96
Cp.97
Cp.98
Cp.99
Cp.100
Cp.101
Cp.102
Cp.103
Cp.104
Cp.105
Cp.106
Cp.107
Cp.108
Cp.109
Cp.110
Cp.111
Cp.112
Cp.113
Cp.114
Cp.115
Cp.116
Cp.117
Cp.118
Cp.119
Cp.120
Cp.121
Cp.122
Cp.123
Cp.124
Cp.125
Cp.126
Cp.127
Cp.128
Cp.129
Cp.130
Cp.131
Cp.132
Cp.133
Cp.134
Cp.135
Cp.136
Cp.137
Cp.138
Cp.139
Cp.140
Cp.141
Cp.142
Cp.143
Cp.144
Cp.145
Cp.146
Cp.147
Cp.148
Cp.149
Cp.150
Cp.151
Cp.152
Cp.153
Cp.154
Cp.155
Cp.156
Cp.157
Cp.158
Cp.159
Cp.160
Cp.161
Cp.162
Cp.163
Cp.164
Cp.165
Cp.166
Cp.167
Cp.168
Cp.169
Cp.170
Cp.171
Cp.172
Cp.173
Cp.174
Cp.175
Cp.176
Cp.177
Cp.178
Cp.179
Cp.180
Cp.181
Cp.182
Cp.183
Cp.184
Cp.185
Cp.186
Cp.187
Cp.188
Cp.189
Cp.190
Cp.191
Cp.192
Cp.193
Cp.194
Cp.195
Cp.196
Cp.197
Cp.198
Cp.199
Cp.200
Cp.201
Cp.202
Cp.203
Cp.204
Cp.205
Cp.206
Cp.207
Cp.208
Cp.209
Cp.210
Cp.211
Cp.212
Cp.213
Cp.214
Cp.215
Cp.216
Cp.217
Cp.218
Cp.219
Cp.220
Cp.221
Cp.222
Cp.223
Cp.224
Cp.225
Cp.226
Cp.227
Cp.228
Cp.229
Cp.230
Cp.231
Cp.232
Cp.233
Cp.234
Cp.235
Cp.236
Cp.237
Cp.238
Cp.239
Cp.240
Cp.241
Cp.242
Cp.243
Cp.244
Cp.245
Cp.246
Cp.247
Cp.248
Cp.249
Cp.250
Cp.251
Cp.252
Cp.253
Cp.254
Cp.255
Cp.256
Cp.257
Cp.258
Cp.259
Cp.260
Cp.261
Cp.262
Cp.263
Cp.264
Cp.265
Cp.266
Cp.267
Cp.268
Cp.269
Cp.270
Cp.271
Cp.272
Cp.273
Cp.274
Cp.275
Cp.276
Cp.277
Cp.278
Cp.279
Cp.280
Cp.281
Cp.282
Cp.283
Cp.284
Cp.285
Cp.286
Cp.287
Cp.288
Cp.289
Cp.290
Cp.291
Cp.292
Cp.293
Cp.294
Cp.295
Cp.296
Cp.297
Cp.298
Cp.299
Cp.300
Cp.301
Cp.302
Cp.303
Cp.304
Cp.305
Cp.306
Cp.307
Cp.308
Cp.309
Cp.310
Cp.311
Cp.312
Cp.313
Cp.314
Cp.315
Cp.316
Cp.317
Cp.318
Cp.319
Cp.320
Cp.321
Cp.322
Cp.323
Cp.324
Cp.325
Cp.326
Cp.327
Cp.328
Cp.329
Cp.330
Cp.331
Cp.332
Cp.333
Cp.334
Cp.335
Cp.336
Cp.337
Cp.338
Cp.339
Cp.340
Cp.341
Cp.342
Cp.343
Cp.344
Cp.345
Cp.346
Cp.347
Cp.348
Cp.349
Cp.350
Cp.351
Cp.352
Cp.353
Cp.354
Cp.355
Cp.356
Cp.357
Cp.358
Cp.359
Cp.360
Cp.361
Cp.362
Cp.363
Cp.364
Cp.365
Cp.366
Cp.367
Cp.368
Cp.369
Cp.370
Cp.371
Cp.372
Cp.373
Cp.374
Cp.375
Cp.376
Cp.377
Cp.378
Cp.379
Cp.380
Cp.381
Cp.382
Cp.383
Cp.384
Cp.385
Cp.386
Cp.387
Cp.388
Cp.389
Cp.390
Cp.391
Cp.392
Cp.393
Cp.394
Cp.395
Cp.396
Cp.397
Cp.398
Cp.399
Cp.400
Cp.401
Cp.402
Cp.403
Cp.404
Cp.405
Cp.406
Cp.407
Cp.408
Cp.409
Cp.410
Cp.411
Cp.412
Cp.413
Cp.414
Cp.415
Cp.416
Cp.417
Cp.418
Cp.419
Cp.420
Cp.421
Cp.422
Cp.423
Cp.424
Cp.425
Cp.426
Cp.427
Cp.428
Cp.429
Cp.430
Cp.431
Cp.432
Cp.433
Cp.434
Cp.435
Cp.436
Cp.437
Cp.438
Cp.439
Cp.440
Cp.441
Cp.442
Cp.443
Cp.444
Cp.445
Cp.446
Cp.447
Cp.448
Cp.449
Cp.450
Cp.451
Cp.452
Cp.453
Cp.454
Cp.455
Cp.456
Cp.457
Cp.458
Cp.459
Cp.460
Cp.461
Cp.462
Cp.463
Cp.464
Cp.465
Cp.466
Cp.467
Cp.468
Cp.469
Cp.470
Cp.471
Cp.472
Cp.473
Cp.474
Cp.475
Cp.476
Cp.477
Cp.478
Cp.479
Cp.480
Cp.481
Cp.482
Cp.483
Cp.484
Cp.485
Cp.486
Cp.487
Cp.488
Cp.489
Cp.490
Cp.491
Cp.492
Cp.493
Cp.494
Cp.495
Cp.496
Cp.497
Cp.498
Cp.499
Cp.500
Cp.501
Cp.502
Cp.503
Cp.504
Cp.505
Cp.506
Cp.507
Cp.508
Cp.509
Cp.510
Cp.511
Cp.512
Cp.513
Cp.514
Cp.515
Cp.516
Cp.517
Cp.518
Cp.519
Cp.520
Cp.521
Cp.522
Cp.523
Cp.524
Cp.525
Cp.526
Cp.527
Cp.528
Cp.529
Cp.530
Cp.531
Cp.532
Cp.533
Cp.534
Cp.535
Cp.536
Cp.537
Cp.538
Cp.539
Cp.540
Cp.541
Cp.542
Cp.543
Cp.544
Cp.545
Cp.546
Cp.547
Cp.548
Cp.549
Cp.550
Cp.551
Cp.552
Cp.553
Cp.554
Cp.555
Cp.556
Cp.557
Cp.558
Cp.559
Cp.560
Cp.561
Cp.562
Cp.563
Cp.564
Cp.565
Cp.566
Cp.567
Cp.568
Cp.569
Cp.570
Cp.571
Cp.572
Cp.573
Cp.574
Cp.575
Cp.576
Cp.577
Cp.578
Cp.579
Cp.580
Cp.581
Cp.582
Cp.583
Cp.584
Cp.585
Cp.586
Cp.587
Cp.588
Cp.589
Cp.590
Cp.591
Cp.592
Cp.593
Cp.594
Cp.595
Cp.596
Cp.597
Cp.598
Cp.599
Cp.600
Cp.601
Cp.602
Cp.603
Cp.604
Cp.605
Cp.606
Cp.607
Cp.608
Cp.609
Cp.610
Cp.611
Cp.612
Cp.613
Cp.614
Cp.615
Cp.616
Cp.617
Cp.618
Cp.619
Cp.620
Cp.621
Cp.622
Cp.623
Cp.624
Cp.625
Cp.626
Cp.627
Cp.628
Cp.629
Cp.630
Cp.631
Cp.632
Cp.633
Cp.634
Cp.635
Cp.636
Cp.637
Cp.638
Cp.639
Cp.640
Cp.641
Cp.642
Cp.643
Cp.644
Cp.645
Cp.646
Cp.647
Cp.648
Cp.649
Cp.650
Cp.651
Cp.652
Cp.653
Cp.654
Cp.655
Cp.656
Cp.657
Cp.658
Cp.659
Cp.660
Cp.661
Cp.662
Cp.663
Cp.664
Cp.665
Cp.666
Cp.667
Cp.668
Cp.669
Cp.670
Cp.671
Cp.672
Cp.673
Cp.674
Cp.675
Cp.676
Cp.677
Cp.678
Cp.679
Cp.680
Cp.681
Cp.682
Cp.683
Cp.684
Cp.685
Cp.686
Cp.687
Cp.688
Cp.689
Cp.690
Cp.691
Cp.692
Cp.693
Cp.694
Cp.695
Cp.696
Cp.697
Cp.698
Cp.699
Cp.700
Cp.701
Cp.702
Cp.703
Cp.704
Cp.705
Cp.706
Cp.707
Cp.708
Cp.709
Cp.710
Cp.711
Cp.712
Cp.713
Cp.714
Cp.715
Cp.716
Cp.717
Cp.718
Cp.719
Cp.720
Cp.721
Cp.722
Cp.723
Cp.724
Cp.725
Cp.726
Cp.727
Cp.728
Cp.729
Cp.730
Cp.731
Cp.732
Cp.733
Cp.734
Cp.735
Cp.736
Cp.737
Cp.738
Cp.739
Cp.740
Cp.741
Cp.742
Cp.743
Cp.744
Cp.745
Cp.746
Cp.747
Cp.748
Cp.749
Cp.750
Cp.751
Cp.752
Cp.753
Cp.754
Cp.755
Cp.756
Cp.757
Cp.758
Cp.759
Cp.760
Cp.761
Cp.762
Cp.763
Cp.764
Cp.765
Cp.766
Cp.767
Cp.768
Cp.769
Cp.770
Cp.771
Cp.772
Cp.773
Cp.774
Cp.775
Cp.776
Cp.777
Cp.778
Cp.779
Cp.780
Cp.781
Cp.782
Cp.783
Cp.784
Cp.785
Cp.786
Cp.787
Cp.788
Cp.789
Cp.790
Cp.791
Cp.792
Cp.793
Cp.794
Cp.795
Cp.796
Cp.797
Cp.798
Cp.799
Cp.800
Cp.801
Cp.802
Cp.803
Cp.804
Cp.805
Cp.806
Cp.807
Cp.808
Cp.809
Cp.810
Cp.811
Cp.812
Cp.813
Cp.814
Cp.815
Cp.816
Cp.817
Cp.818
Cp.819
Cp.820
Cp.821
Cp.822
Cp.823
Cp.824
Cp.825
Cp.826
Cp.827
Cp.828
Cp.829
Cp.830
Cp.831
Cp.832
Cp.833
Cp.834
Cp.835
Cp.836
Cp.837
Cp.838
Cp.839
Cp.840
Cp.841
Cp.842
Cp.843
Cp.844
Cp.845
Cp.846
Cp.847
Cp.848
Cp.849
Cp.850
Cp.851
Cp.852
Cp.853
Cp.854
Cp.855
Cp.856
Cp.857
Cp.858
Cp.859
Cp.860
Cp.861
Cp.862
Cp.863
Cp.864
Cp.865
Cp.866
Cp.867
Cp.868
Cp.869
Cp.870
Cp.871
Cp.872
Cp.873
Cp.874
Cp.875
Cp.876
Cp.877
Cp.878
Cp.879
Cp.880
Cp.881
Cp.882
Cp.883
Cp.884
Cp.885
Cp.886
Cp.887
Cp.888
Cp.889
Cp.890
Cp.891
Cp.892
Cp.893
Cp.894
Cp.895
Cp.896
Cp.897
Cp.898
Cp.899
Cp.900
Cp.901
Cp.902
Cp.903
Cp.904
Cp.905
Cp.906
Cp.907
Cp.908
Cp.909
Cp.910
Cp.911
Cp.912
Cp.913
Cp.914
Cp.915
Cp.916
Cp.917
Cp.918
Cp.919
Cp.920
Cp.921
Cp.922
Cp.923
Cp.924
Cp.925
Cp.926
Cp.927
Cp.928
Cp.929
Cp.930
Cp.931
Cp.932
Cp.933
Cp.934
Cp.935
Cp.936
Cp.937
Cp.938
Cp.939
Cp.940
Cp.941
Cp.942
Cp.943
Cp.944
Cp.945
Cp.946
Cp.947
Cp.948
Cp.949
Cp.950
Cp.951
Cp.952
Cp.953
Cp.954
Cp.955
Cp.956
Cp.957
Cp.958
Cp.959
Cp.960
Cp.961
Cp.962
Cp.963
Cp.964
Cp.965
Cp.966
Cp.967
Cp.968
Cp.969
Cp.970
Cp.971
Cp.972
Cp.973
Cp.974
Cp.975
Cp.976
Cp.977
Cp.978
Cp.979
Cp.980
Cp.981
Cp.982
Cp.983
Cp.984
Cp.985
Cp.986
Cp.987
Cp.988
Cp.989
Cp.990
Cp.991
Cp.992
Cp.993
Cp.994
Cp.995
Cp.996
Cp.997
Cp.998
Cp.999
Cp.1000
Cp.1001
Cp.1002
Cp.1003
Cp.1004
Cp.1005
Cp.1006
Cp.1007
Cp.1008
Cp.1009
Cp.1010
Cp.1011
Cp.1012
Cp.1013
Cp.1014
Cp.1015
Cp.1016
Cp.1017
Cp.1018
Cp.1019
Cp.1020
Cp.1021
Cp.1022
Cp.1023
Cp.1024
Cp.1025
Cp.1026
Cp.1027
Cp.1028
Cp.1029
Cp.1030
Cp.1031
Cp.1032
Cp.1033
Cp.1034
Cp.1035
Cp.1036
Cp.1037
Cp.1038
Cp.1039
Cp.1040
Cp.1041
Cp.1042
Cp.1043
Cp.1044
Cp.1045
Cp.1046
Cp.1047
Cp.1048
Cp.1049
Cp.1050
Cp.1051
Cp.1052
Cp.1053
Cp.1054
Cp.1055
Cp.1056
Cp.1057
Cp.1058
Cp.1059
Cp.1060
Cp.1061
Cp.1062
Cp.1063
Cp.1064
Cp.1065
Cp.1066
Cp.1067
Cp.1068
Cp.1069
Cp.1070
Cp.1071
Cp.1072
Cp.1073
Cp.1074
Cp.1075
Cp.1076
Cp.1077
Cp.1078
Cp.1079
Cp.1080
Cp.1081
Cp.1082
Cp.1083
Cp.1084
Cp.1085
Cp.1086
Cp.1087
Cp.1088
Cp.1089
Cp.1090
Cp.1091
Cp.1092
Cp.1093
Cp.1094
Cp.1095
Cp.1096
Cp.1097
Cp.1098
Cp.1099
Cp.1100
Cp.1101
Cp.1102
Cp.1103
Cp.1104
Cp.1105
Cp.1106
Cp.1107
Cp.1108
Cp.1109
Cp.1110
Cp.1111
Cp.1112
Cp.1113
Cp.1114
Cp.1115
Cp.1116
Cp.1117
Cp.1118
Cp.1119
Cp.1120
Cp.1121
Cp.1122
Cp.1123
Cp.1124
Cp.1125
Cp.1126
Cp.1127
Cp.1128
Cp.1129
Cp.1130
Cp.1131
Cp.1132
Cp.1133
Cp.1134
Cp.1135
Cp.1136
Cp.1137
Cp.1138
Cp.1139
Cp.1140
Cp.1141
Cp.1142
Cp.1143
Cp.1144
Cp.1145
Cp.1146
Cp.1147
Cp.1148
Cp.1149
Cp.1150
Cp.1151
Cp.1152
Cp.1153
Cp.1154
Cp.1155
Cp.1156
Cp.1157
Cp.1158
Cp.1159
Cp.1160
Cp.1161
Cp.1162
Cp.1163
Cp.1164
Cp.1165
Cp.1166
Cp.1167
Cp.1168
Cp.1169
Cp.1170
Cp.1171
Cp.1172
Cp.1173
Cp.1174
Cp.1175
Cp.1176
Cp.1177
Cp.1178
Cp.1179
Cp.1180
Cp.1181
Cp.1182
Cp.1183
Cp.1184
Cp.1185
Cp.1186
Cp.1187
Cp.1188
Cp.1189
Cp.1190
Cp.1191
Cp.1192
Cp.1193
Cp.1194
Cp.1195
Cp.1196
Cp.1197
Cp.1198
Cp.1199
Cp.1200
Cp.1201
Cp.1202
Cp.1203
Cp.1204
Cp.1205
Cp.1206
Cp.1207
Cp.1208
Cp.1209
Cp.1210
Cp.1211
Cp.1212
Cp.1213
Cp.1214
Cp.1215
Cp.1216
Cp.1217
Cp.1218
Cp.1219
Cp.1220
Cp.1221
Cp.1222
Cp.1223
Cp.1224
Cp.1225
Cp.1226
Cp.1227
Cp.1228
Cp.1229
Cp.1230
Cp.1231
Cp.1232
Cp.1233
Cp.1234
Cp.1235
Cp.1236
Cp.1237
Cp.1238
Cp.1239
Cp.1240
Cp.1241
Cp.1242
Cp.1243
Cp.1244
Cp.1245
Cp.1246
Cp.1247
Cp.1248
Cp.1249
Cp.1250
Cp.1251
Cp.1252
Cp.1253
Cp.1254
Cp.1255
Cp.1256
Cp.1257
Cp.1258
Cp.1259
Cp.1260
Cp.1261
Cp.1262
Cp.1263
Cp.1264
Cp.1265
Cp.1266
Cp.1267
Cp.1268
Cp.1269
Cp.1270
Cp.1271
Cp.1272
Cp.1273
Cp.1274
Cp.1275
Cp.1276
Cp.1277
Cp.1278
Cp.1279
Cp.1280
Cp.1281
Cp.1282
Cp.1283
Cp.1284
Cp.1285
Cp.1286
Cp.1287
Cp.1288
Cp.1289
Cp.1290
Cp.1291
Cp.1292
Cp.1293
Cp.1294
Cp.1295
Cp.1296
Cp.1297
Cp.1298
Cp.1299
Cp.1300
Cp.1301
Cp.1302
Cp.1303
Cp.1304
Cp.1305
Cp.1306
Cp.1307
Cp.1308
Cp.1309
Cp.1310
Cp.1311
Cp.1312
Cp.1313
Cp.1314
Cp.1315
Cp.1316
Cp.1317
Cp.1318
Cp.1319
Cp.1320
Cp.1321
Cp.1322
Cp.1323
Cp.1324
Cp.1325
Cp.1326
Cp.1327
Cp.1328
Cp.1329
Cp.1330
Cp.1331
Cp.1332
Cp.1333
Cp.1334
Cp.1335
Cp.1336
Cp.1337
Cp.1338
Cp.1339
Cp.1340
Cp.1341
Cp.1342
Cp.1343
Cp.1344
Cp.1345
Cp.1346
Cp.1347
Cp.1348
Cp.1349
Cp.1350
Cp.1351
Cp.1352
Cp.1353
Cp.1354
Cp.1355
Cp.1356
Cp.1357
Cp.1358
Cp.1359
Cp.1360
Cp.1361
Cp.1362
Cp.1363
Cp.1364
Cp.1365
Cp.1366
Cp.1367
Cp.1368
Cp.1369
Cp.1370
Cp.1371
Cp.1372
Cp.1373
Cp.1374
Cp.1375
Cp.1376
Cp.1377
Cp.1378
Cp.1379
Cp.1380
Cp.1381
Cp.1382
Cp.1383
Cp.1384
Cp.1385
Cp.1386
Cp.1387
Cp.1388
Cp.1389
Cp.1390
Cp.1391
Cp.1392
Cp.1393
Cp.1394
Cp.1395
Cp.1396
Cp.1397
Cp.1398
Cp.1399
Cp.1400
Cp.1401
Cp.1402
Cp.1403
Cp.1404
Cp.1405
Cp.1406
Cp.1407
Cp.1408
Cp.1409
Cp.1410
Cp.1411
Cp.1412
Cp.1413
Cp.1414
Cp.1415
Cp.1416
Cp.1417
Cp.1418
Cp.1419
Cp.1420
Cp.1421
Cp.1422
Cp.1423
Cp.1424
Cp.1425
Cp.1426
Cp.1427
Cp.1428
Cp.1429
Cp.1430
Cp.1431
Cp.1432
Cp.1433
Cp.1434
Cp.1435
Cp.1436
Cp.1437
Cp.1438
Cp.1439
Cp.1440
Cp.1441
Cp.1442
Cp.1443
Cp.1444
Cp.1445
Cp.1446
Cp.1447
Cp.1448
Cp.1449
Cp.1450
Cp.1451
Cp.1452
Cp.1453
Cp.1454
Cp.1455
Cp.1456
Cp.1457
Cp.1458
Cp.1459
Cp.1460
Cp.1461
Cp.1462
Cp.1463
Cp.1464
Cp.1465
Cp.1466
Cp.1467
Cp.1468
Cp.1469
Cp.1470
Cp.1471
Cp.1472
Cp.1473
Cp.1474
Cp.1475
Cp.1476
Cp.1477
Cp.1478
Cp.1479
Cp.1480
Cp.1481
Cp.1482
Cp.1483
Cp.1484
Cp.1485
Cp.1486
Cp.1487
Cp.1488
Cp.1489
Cp.1490
Cp.1491
Cp.1492
Cp.1493
Cp.1494
Cp.1495
Cp.1496
Cp.1497
Cp.1498
Cp.1499
Cp.1500
Cp.1501
Cp.1502
Cp.1503
Cp.1504
Cp.1505
Cp.1506
Cp.1507
Cp.1508
Cp.1509
Cp.1510
Cp.1511
Cp.1512
Cp.1513
Cp.1514
Cp.1515
Cp.1516
Cp.1517
Cp.1518
Cp.1519
Cp.1520
Cp.1521
Cp.1522
Cp.1523
Cp.1524
Cp.1525
Cp.1526
Cp.1527
Cp.1528
Cp.1529
Cp.1530
Cp.1531
Cp.1532
Cp.1533
Cp.1534
Cp.1535
Cp.1536
Cp.1537
Cp.1538
Cp.1539
Cp.1540
Cp.1541
Cp.1542
Cp.1543
Cp.1544
Cp.1545
Cp.1546
Cp.1547
Cp.1548
Cp.1549
Cp.1550
Cp.1551
Cp.1552
Cp.1553
Cp.1554
Cp.1555
Cp.1556
Cp.1557
Cp.1558
Cp.1559
Cp.1560
Cp.1561
Cp.1562
Cp.1563
Cp.1564
Cp.1565
Cp.1566
Cp.1567
Cp.1568
Cp.1569
Cp.1570
Cp.1571
Cp.1572
Cp.1573
Cp.1574
Cp.1575
Cp.1576
Cp.1577
Cp.1578
Cp.1579
Cp.1580
Cp.1581
Cp.1582
Cp.1583
Cp.1584
Cp.1585
Cp.1586
Cp.1587
Cp.1588
Cp.1589
Cp.1590
Cp.1591
Cp.1592
Cp.1593
Cp.1594
Cp.1595
Cp.1596
Cp.1597
Cp.1598
Cp.1599
Cp.1600
Cp.1601
Cp.1602
Cp.1603
Cp.1604
Cp.1605
Cp.1606
Cp.1607
Cp.1608
Cp.1609
Cp.1610
Cp.1611
Cp.1612
Cp.1613
Cp.1614
Cp.1615
Cp.1616
Cp.1617
Cp.1618
Cp.1619
Cp.1620
Cp.1621
Cp.1622
Cp.1623
Cp.1624
Cp.1625
Cp.1626
Cp.1627
Cp.1628
Cp.1629
Cp.1630
Cp.1631
Cp.1632
Cp.1633
Cp.1634
Cp.1635
Cp.1636
Cp.1637
Cp.1638
Cp.1639
Cp.1640
Cp.1641
Cp.1642
Cp.1643
Cp.1644
Cp.1645
Cp.1646
Cp.1647
Cp.1648
Cp.1649
Cp.1650
Cp.1651
Cp.1652
Cp.1653
Cp.1654
Cp.1655
Cp.1656
Cp.1657
Cp.1658
Cp.1659
Cp.1660
Cp.1661
Cp.1662
Cp.1663
Cp.1664
Cp.1665
Cp.1666
Cp.1667
Cp.1668
Cp.1669
Cp.1670
Cp.1671
Cp.1672
Cp.1673
Cp.1674
Cp.1675
Cp.1676
Cp.1677
Cp.1678
Cp.1679
Cp.1680
Cp.1681
Cp.1682
Cp.1683
Cp.1684
Cp.1685
Cp.1686
Cp.1687
Cp.1688
Cp.1689
Cp.1690
Cp.1691
Cp.1692
Cp.1693
Cp.1694
Cp.1695
Cp.1696
Cp.1697
Cp.1698
Cp.1699
Cp.1700
Cp.1701
Cp.1702
Cp.1703
Cp.1704
Cp.1705
Cp.1706
Cp.1707
Cp.1708
Cp.1709
Cp.1710
Cp.1711
Cp.1712
Cp.1713
Cp.1714
Cp.1715
Cp.1716
Cp.1717
Cp.1718
Cp.1719
Cp.1720
Cp.1721
Cp.1722
Cp.1723
Cp.1724
Cp.1725
Cp.1726
Cp.1727
Cp.1728
Cp.1729
Cp.1730
Cp.1731
Cp.1732
Cp.1733
Cp.1734
Cp.1735
Cp.1736
Cp.1737
Cp.1738
Cp.1739
Cp.1740
Cp.1741
Cp.1742
Cp.1743
Cp.1744
Cp.1745
Cp.1746
Cp.1747
Cp.1748
Cp.1749
Cp.1750
Cp.1751
Cp.1752
Cp.1753
Cp.1754
Cp.1755
Cp.1756
Cp.1757
Cp.1758
Cp.1759
Cp.1760
Cp.1761
Cp.1762
Cp.1763
Cp.1764
Cp.1765
Cp.1766
Cp.1767
Cp.1768
Cp.1769
Cp.1770
Cp.1771
Cp.1772
Cp.1773
Cp.1774
Cp.1775
Cp.1776
Cp.1777
Cp.1778
Cp.1779
Cp.1780
Cp.1781
Cp.1782
Cp.1783
Cp.1784
Cp.1785
Cp.1786
Cp.1787
Cp.1788
Cp.1789
Cp.1790
Cp.1791
Cp.1792
Cp.1793
Cp.1794
Cp.1795
Cp.1796
Cp.1797
Cp.1798
Cp.1799
Cp.1800
Cp.1801
Cp.1802
Cp.1803
Cp.1804
Cp.1805
Cp.1806
Cp.1807
Cp.1808
Cp.1809
Cp.1810
Cp.1811
Cp.1812
Cp.1813
Cp.1814
Cp.1815
Cp.1816
Cp.1817
Cp.1818
Cp.1819
Cp.1820
Cp.1821
Cp.1822
Cp.1823
Cp.1824
Cp.1825
Cp.1826
Cp.1827
Cp.1828
Cp.1829
Cp.1830
Cp.1831
Cp.1832
Cp.1833
Cp.1834
Cp.1835
Cp.1836
Cp.1837
Cp.1838
Cp.1839
Cp.1840
Cp.1841
Cp.1842
Cp.1843
Cp.1844
Cp.1845
Cp.1846
Cp.1847
Cp.1848
Cp.1849
Cp.1850
Cp.1851
Cp.1852
Cp.1853
Cp.1854
Cp.1855
Cp.1856
Cp.1857
Cp.1858
Cp.1859
Cp.1860
Cp.1861
Cp.1862
Cp.1863
Cp.1864
Cp.1865
Cp.1866
Cp.1867
Cp.1868
Cp.1869
Cp.1870
Cp.1871
Cp.1872
Cp.1873
Cp.1874
Cp.1875
Cp.1876
Cp.1877
Cp.1878
Cp.1879
Cp.1880
Cp.1881
Cp.1882
Cp.1883
Cp.1884
Cp.1885
Cp.1886
Cp.1887
Cp.1888
Cp.1889
Cp.1890
Cp.1891
Cp.1892
Cp.1893
Cp.1894
Cp.1895
Cp.1896
Cp.1897
Cp.1898
Cp.1899
Cp.1900
Cp.1901
Cp.1902
Cp.1903
Cp.1904
Cp.1905
Cp.1906
Cp.1907
Cp.1908
Cp.1909
Cp.1910
Cp.1911
Cp.1912
Cp.1913
Cp.1914
Cp.1915
Cp.1916
Cp.1917
Cp.1918
Cp.1919
Cp.1920
Cp.1921
Cp.1922
Cp.1923
Cp.1924
Cp.1925
Cp.1926
Cp.1927
Cp.1928
Cp.1929
Cp.1930
Cp.1931
Cp.1932
Cp.1933
Cp.1934
Cp.1935
Cp.1936
Cp.1937
Cp.1938
Cp.1939
Cp.1940
Cp.1941
Cp.1942
Cp.1943
Cp.1944
Cp.1945
Cp.1946
Cp.1947
Cp.1948
Cp.1949
Cp.1950
Cp.1951
Cp.1952
Cp.1953
Cp.1954
Cp.1955
Cp.1956
Cp.1957
Cp.1958
Cp.1959
Cp.1960
Cp.1961
Cp.1962
Cp.1963
Cp.1964
Cp.1965
Cp.1966
Cp.1967
Cp.1968
Cp.1969
Cp.1970
Cp.1971
Cp.1972
Cp.1973
Cp.1974
Cp.1975
Cp.1976
Cp.1977
Cp.1978
Cp.1979
Cp.1980
Cp.1981
Cp.1982
Cp.1983
Cp.1984
Cp.1985
Cp.1986
Cp.1987
Cp.1988
Cp.1989
Cp.1990
Cp.1991
Cp.1992
Cp.1993
Cp.1994
Cp.1995
Cp.1996
Cp.1997
Cp.1998
Cp.1999
Cp.2000
Cp.2001
Cp.2002
Cp.2003
Cp.2004
Cp.2005
Cp.2006
Cp.2007
Cp.2008
Cp.2009
Cp.2010
Cp.2011
Cp.2012
Cp.2013
Cp.2014
Cp.2015
Cp.2016
Cp.2017
Cp.2018
Cp.2019
Cp.2020
Cp.2021
Cp.2022
Cp.2023
Cp.2024
Cp.2025
Cp.2026
Cp.2027
Cp.2028
Cp.2029
Cp.2030
Cp.2031
Cp.2032
Cp.2033
Cp.2034
Cp.2035
Cp.2036
Cp.2037
Cp.2038
Cp.2039
Cp.2040
Cp.2041
Cp.2042
Cp.2043
Cp.2044
Cp.2045
Cp.2046
Cp.2047
Cp.2048
Cp.2049
Cp.2050
Cp.2051
Cp.2052
Cp.2053
Cp.2054
Cp.2055
Cp.2056
Cp.2057
Cp.2058
Cp.2059
Cp.2060
Cp.2061
Cp.2062
Cp.2063
Cp.2064
Cp.2065
Cp.2066
Cp.2067
Cp.2068
Cp.2069
Cp.2070
Cp.2071
Cp.2072
Cp.2073
Cp.2074
Cp.2075
Cp.2076
Cp.2077
Cp.2078
Cp.2079
Cp.2080
Cp.2081
Cp.2082
Cp.2083
Cp.2084
Cp.2085
Cp.2086
Cp.2087
Cp.2088
Cp.2089
Cp.2090
Cp.2091
Cp.2092
Cp.2093
Cp.2094
Cp.2095
Cp.2096
Cp.2097
Cp.2098
Cp.2099
Cp.2100
Cp.2101
Cp.2102
Cp.2103
Cp.2104
Cp.2105
Cp.2106
Cp.2107
Cp.2108
Cp.2109
Cp.2110
Cp.2111
Cp.2112
Cp.2113
Cp.2114
Cp.2115
Cp.2116
Cp.2117
Cp.2118
Cp.2119
Cp.2120
Cp.2121
Cp.2122
Cp.2123
Cp.2124
Cp.2125
Cp.2126
Cp.2127
Cp.2128
Cp.2129
Cp.2130
Cp.2131
Cp.2132
Cp.2133
Cp.2134
Cp.2135
Cp.2136
Cp.2137
Cp.2138
Cp.2139
Cp.2140
Cp.2141
Cp.2142
Cp.2143
Cp.2144
Cp.2145
Cp.2146
Cp.2147
Cp.2148
Cp.2149
Cp.2150
Cp.2151
Cp.2152
Cp.2153
Cp.2154
Cp.2155
Cp.2156
Cp.2157
Cp.2158
Cp.2159
Cp.2160
Cp.2161
Cp.2162
Cp.2163
Cp.2164
Cp.2165
Cp.2166
Cp.2167
Cp.2168
Cp.2169
Cp.2170
Cp.2171
Cp.2172
Cp.2173
Cp.2174
Cp.2175
Cp.2176
Cp.2177
Cp.2178
Cp.2179
Cp.2180
Cp.2181
Cp.2182
Cp.2183
Cp.2184
Cp.2185
Cp.2186
Cp.2187
Cp.2188
Cp.2189
Cp.2190
Cp.2191
Cp.2192
Cp.2193
Cp.2194
Cp.2195
Cp.2196
Cp.2197
Cp.2198
Cp.2199
Cp.2200
Cp.2201
Cp.2202
Cp.2203
Cp.2204
Cp.2205
Cp.2206
Cp.2207
Cp.2208
Cp.2209
Cp.2210
Cp.2211
Cp.2212
Cp.2213
Cp.2214
Cp.2215
Cp.2216
Cp.2217
Cp.2218
Cp.2219
Cp.2220
Cp.2221
Cp.2222
Cp.2223
Cp.2224
Cp.2225
Cp.2226
Cp.2227
Cp.2228
Cp.2229
Cp.2230
Cp.2231
Cp.2232
Cp.2233
Cp.2234
Cp.2235
Cp.2236
Cp.2237
Cp.2238
Cp.2239
Cp.2240
Cp.2241
Cp.2242
Cp.2243
Cp.2244
Cp.2245
Cp.2246
Cp.2247
Cp.2248
Cp.2249
Cp.2250
Cp.2251
Cp.2252
Cp.2253
Cp.2254
Cp.2255
Cp.2256
Cp.2257
Cp.2258
Cp.2259
Cp.2260
Cp.2261
Cp.2262
Cp.2263
Cp.2264
Cp.2265
Cp.2266
Cp.2267
Cp.2268
Cp.2269
Cp.2270
Cp.2271
Cp.2272
Cp.2273
Cp.2274
Cp.2275
Cp.2276
Cp.2277
Cp.2278
Cp.2279
Cp.2280
Cp.2281
Cp.2282
Cp.2283
Cp.2284
Cp.2285
Cp.2286
Cp.2287
Cp.2288
Cp.2289
Cp.2290
Cp.2291
Cp.2292
Cp.2293
Cp.2294
Cp.2295
Cp.2296
Cp.2297
Cp.2298
Cp.2299
Cp.2300
Cp.2301
Cp.2302
Cp.2303
Cp.2304
Cp.2305
Cp.2306
Cp.2307
Cp.2308
Cp.2309
Cp.2310
Cp.2311
Cp.2312
Cp.2313
Cp.2314
Cp.2315
Cp.2316
Cp.2317
Cp.2318
Cp.2319
Cp.2320
Cp.2321
Cp.2322
Cp.2323
Cp.2324
Cp.2325
Cp.2326
Cp.2327
Cp.2328
Cp.2329
Cp.2330
Cp.2331
Cp.2332
Cp

Zeehan B4/3 1:5,000 Geochemistry RS

Zeehan B4/3 1:5000 Soil Geochemistry RS

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

E.L. 15/76

BLACK HILL GRID

INTERMEDIATE GRID

DUNDAS GRID

GRAND PRIZE GRID

RAZORBACK GRID

KAPI GRID

Blowfly
Mosquito
Voudeau
Mc Kimmie
Nickle Reward
Great Nevada
Reservoir North
Grand Prize
Black Hill
Razorback
Razorback

366000E
367000E
368000E
369000E
370000E

53 66000N
53 65000N
53 64000N
53 63000N

436N
428N
420N
416N
412N
404N
396N
388N
380N
372N
364N

SAMPLES
· Soil
× Rock Chip

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd. (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kapi Grid	:	Renison Ltd. (1976-77)
Black Hill & Corbine Hill Grids	:	G.F.E.L. (1983)

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

ZEEHAN B4/3

ARSENIC GEOCHEMISTRY IN P.P.M.

SCALE. 1:5000 METRES 0 100 200 300

DRAWN	P.K.
TRACED	P.K./S.F.
DATE	May, 84
SCALE	1:5000
DRAWING No.	FIG. 17

Zeehan B4/3 1:5,000 Geochemistry Pb

Blowfly
Mosquito
Voudeau
Mc Kimmie
Nickle Reward
Great Nevada
Razorback North
Razorback
Black Hill
Black Hill ▲
Razorback ▲

BLACK HILL GRID
GRAND PRIZE GRID
INTERMEDIATE GRID
DUNDAS GRID
RAZORBACK GRID
KAPI GRID

E.L. 42/71
E.L. 15/76

53 66000N
53 65000N
53 64000N
53 63000N
365000E
366000E
367000E
368000E
369000E
370000E

1600N 1500N 1400N 1300N 1200N 1100N 1000N 900N 800N 700N 600N 500N 400N 300N 200N 100N
436N 428N 420N 416N 412N 404N 396N 388N 380N 372N 300
2800W 2900W 3000W 1800W 1900W 2000W 2100W 2200W 1700W 1600W 1500W 1400W 1300W 1200W 1100W 1000W 900W 800W 700W 600W 500W 400W 300W 200W

SAMPLES
· Soil
× Rock Chip

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundos Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd. (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kapi Grid	:	Renison Ltd. (1976-77)
Black Hill & Carbine Hill Grids	:	G.F.E.L. (1983)

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED
ZEEHAN B4/3
LEAD GEOCHEMISTRY
IN P.P.M.
SCALE. 1:5000 METRES
100 0 100 200 300

DRAWN	P.K.
TRACED	P.K./SE
DATE	May, 84
SCALE	1:5000
DRAWING No.	
	FIG. 14

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

Zeehan B4/3 1:5,000 Soil Geochemistry Pb

1/5000 ZEEHAN B4/3

Zeehan B4/3 1:5,000 Geochemistry Zn

Zeehan B4/3 1:5000
Soil Geochemistry Zn

RENISON LIMITED

ZEEHAN B4/3

ZINC GEOCHEMISTRY IN P.P.M.

SCALE 1:5000 METRES 100 0 100 200 300

DRAWN	P.K.
TRACED	P.K./S.F.
DATE	May, 84
SCALE	1:5000
DRAWING No.	FIG. 15

ZEEHAN B4/1 | ZEEHAN B4/2 | ZEEHAN B4/3 | ZEEHAN B4/4

5 cm

GEOCHEMICAL SAMPLING

Grand Prize Grid : Placer Prospecting Pty Ltd (1964-66)
North Dundas Grid : Renison Ltd (1967-70)
Commonwealth Hill Grid : Renison Ltd (1968-69)
Razorback Hill Grid : Renison Ltd (1968-69)
Kapi Grid : Renison Ltd (1976-77)
Block Hill & Corbine Hill Grids : G.F.E.L. (1983)

RAZORBACK GRID - No Zn Assays

SAMPLES
· Soil
× Rock Chip

03_4916

Zeehan 1:5000, B4/1, B4/2
Placer Dome Asia Pacific
Grant, D.

E.L. 42/71

E.L. 15/76

RAZORBACK GRID

DUNDAS GRID

GRAND PRIZE GRID

BLACK HILL GRID

INTERMEDIATE GRID

Block Hill

Razorback

Razorback Hill

Razorback

Great Needle

McKinnie

Bluefly

Mosquito

Vindicator

Welsh Prevent

369 000 E

368 000 E

367 000 E

366 000 E

53 66 000 N

53 65 000 N

53 64 000 N

53 63 000 N

Zeehan B4/3 1:5,000 Geochemistry Sh

Zeehan B4/3 1:5000 Soil Geochemistry Sh

1:5000 ZEEHAN B4/3

E.L. 42/71

E.L. 15/76

BLACK HILL GRID

INTERMEDIATE GRID

DUNDAS GRID

RAZORBACK GRID

GRAND PRIZE GRID

KAPI GRID

Blowfly
Mosquito
Vaudeau
McKimmie
Nickle Reward
Great Nevada
Grand Prize
Black Hill
Razorback North
Razorback
Razorback

53 66 000 N
53 65000 N
53 64000 N
53 63000 N

365000E
366000E
367000E
368000E
369000E
370000E

3000W
2800W
2600W
2400W
2200W
2000W
1800W
1600W
1400W
1200W
1000W
800W
600W
400W
200W

1500N
1400N
1300N
1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N

436N
428N
420N
416N
412N
404N
396N
388N
380N
372N
52N

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd. (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kopi Grid	:	Renison Ltd. (1976-77)
Block Hill & Corbine Hill Grids	:	G.F.E.L. (1983)

SAMPLES
· Soil
× Rock Chip

03_4916

Zeehan 1:5000, B4/1, B4/3
Placer Dome Asia Pacific*
Green, D.

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

ZEEHAN B4/3

TIN GEOCHEMISTRY IN P.P.M.

SCALE 1:5000 METRES 100 0 100 200 300

DRAWN	P.K.
TRACED	P.K/S.F.
DATE	May. 84
SCALE	1:5000
DRAWING No.	FIG.16

Blowfly
Mosquito
Voudeau
Mc Kimmie
Nickle Reward
EMU BAY
RAILWAY
N.E. DUNDAS TRAIL
BLACK HILL GRID
GRAND GRID PRIZE
Grand Prize
Black Hill
KAPI GRID
INTERMEDIATE GRID
Razorback North
DUNDAS GRID
RAZORBACK GRID
Razorback
MURCHISSON HIGHWAY
Great Nevada
E.L. 15/76

O M K J A B C D E F G H HA HB HD HF HG HH

3000E 3600E 3900E 4200E 4500E 4800E 5100E

5366000N 5365000N 5364000N 5363000N

3000W 2800W 2600W 2400W 2200W 2000W 1800W 1600W 1400W 1200W 1000W 800W 600W 400W 200W

1900N 1500N 1400N 1300N 1100N 1200N 900N 700N 300N 100N 436N 416N 428N 420N 412N 404N 396N 388N 380N 372N

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

Japan Transmitter
Grid North
N.W. Cape Transmitter
Transmitter Direction

Black Hill Grid (7) - North West Cape Transmitter
Carbine Hill Grid (7,8)
1st. Reading N.W.C. Transmitter
2nd. Reading Japan Transmitter

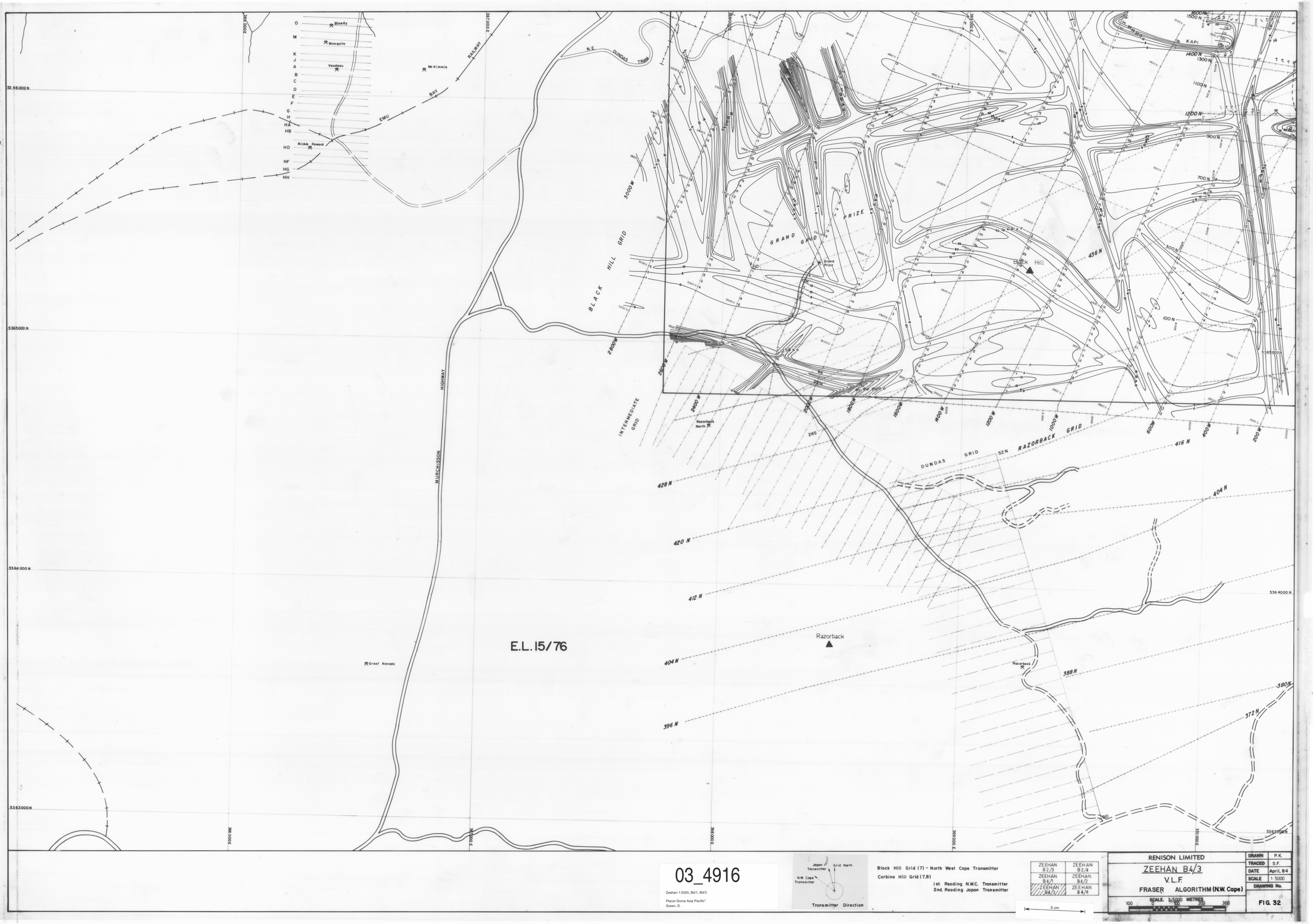
ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED
ZEEHAN B4/3
V.L.F.
FRASER ALGORITHM (Japan)
SCALE 1:5000 METRES 100 0 100 200 300

DRAWN	P.K.
TRACED	S.F.
DATE	April, 84
SCALE	1:5000
DRAWING No.	

1:5000 ZEEHAN B4/3
V.L.F.
FRASER ALGORITHM



03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

Transmitter Direction
Japan Transmitter
Grid North
N.W. Cape Transmitter

Black Hill Grid (7) - North West Cape Transmitter
Carbine Hill Grid (7,8)
1st. Reading N.W.C. Transmitter
2nd. Reading Japan Transmitter

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

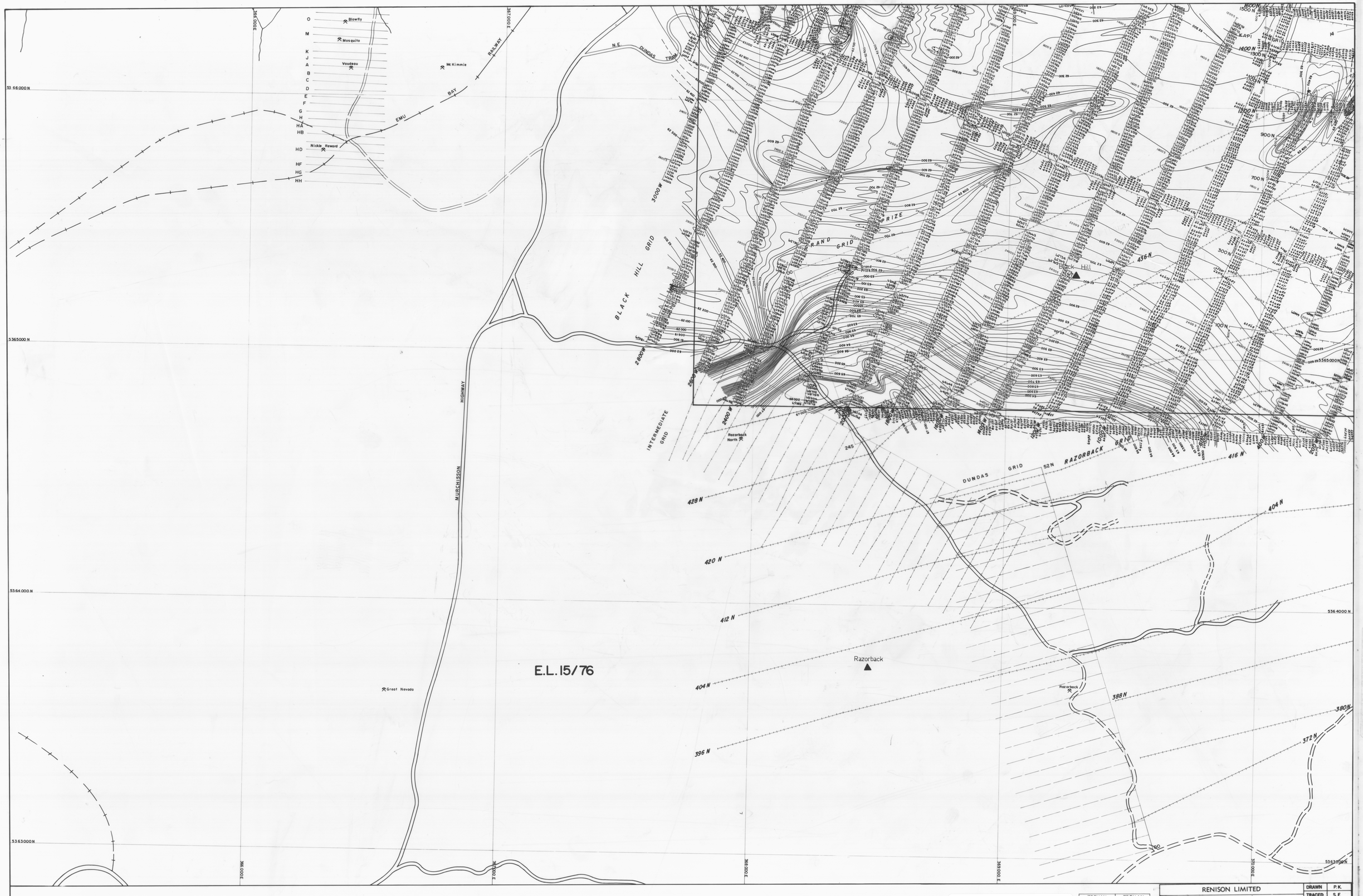
ZEEHAN B4/3
V.L.F.
FRASER ALGORITHM (N.W. Cape)

SCALE 1:5000 METRES
100 0 100 200 300

DRAWN	P.K.
TRACED	S.F.
DATE	April, 84
SCALE	1:5000
DRAWING No.	

FIG. 32

ZEEHAN B4/3
V.L.F.
FRASER ALGORITHM
(N.W. CAPE)



ZEEHAN B4/5 1:5000
GROUND MAGNETICS

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

ZEEHAN B2/3	ZEEHAN B2/4
ZEEHAN B4/1	ZEEHAN B4/2
ZEEHAN B4/3	ZEEHAN B4/4

5 cm

RENISON LIMITED

ZEEHAN B4/3

GROUND MAGNETOMETER SURVEY

SCALE 1:5000 METRES

100 0 100 200 300

DRAWN	P.K.
TRACED	S.F.
DATE	April, 1984 Jan, 1985
SCALE	1:5000
DRAWING No.	

E.Z. GRID

DAL-COATH GRID

COMMONWEALTH HILL

COMMONWEALTH HILL GRID

CUNI B.M.I. GRID

BLACK HILL GRID

CARBINE HILL GRID

KAPI GRID

Gene Winze

Lead Blocks

S. Cuni Shaft

Duke of York

S. Cuni Shaft

Serpentine Hill

Widdom Melbo

EMU BAY RAILWAY

MURCHISSON HIGHWAY

DUNDAS TRAM

N.E 2200W

6900W 6500W 5700W 5300W 4900W 4400W 3700W 3500W 2300W 2150W

8950W 8600W 7700W

9000W 4800W 4000W 3700W 2000W 1800

1800 N 2000 N 2200 N 2400 N

1800 L 1/2 S

5369000N 5368000N 5367000N

345000E 346000E 347000E 348000E 349000E 350000E 351000E 352000E 353000E 354000E 355000E 356000E 357000E

0 4S 8S 12S 16S 20S 24S

2S 3S 4S 5S 6S 7S 8S 9S 10S 11S 12S 13S 14S 15S 16S

11 000mN 12 000mN 13 000mN 14 000mN 15 000mN 16 000mN 17 000mN 18 000mN 19 000mN

11 000mE 12 000mE 13 000mE 14 000mE 15 000mE 16 000mE 17 000mE 18 000mE 19 000mE

ZEEHAN B1 B1/4 B2/3 B2/1 B2/2 B3/2 ZEEHAN B2 ZEEHAN B3 ZEEHAN B4 B4/3 B4/4

ZEEHAN 1:5000 B4/1 ACCESS

03_4916

Zeehan 1:5000, B4/1, B4/3

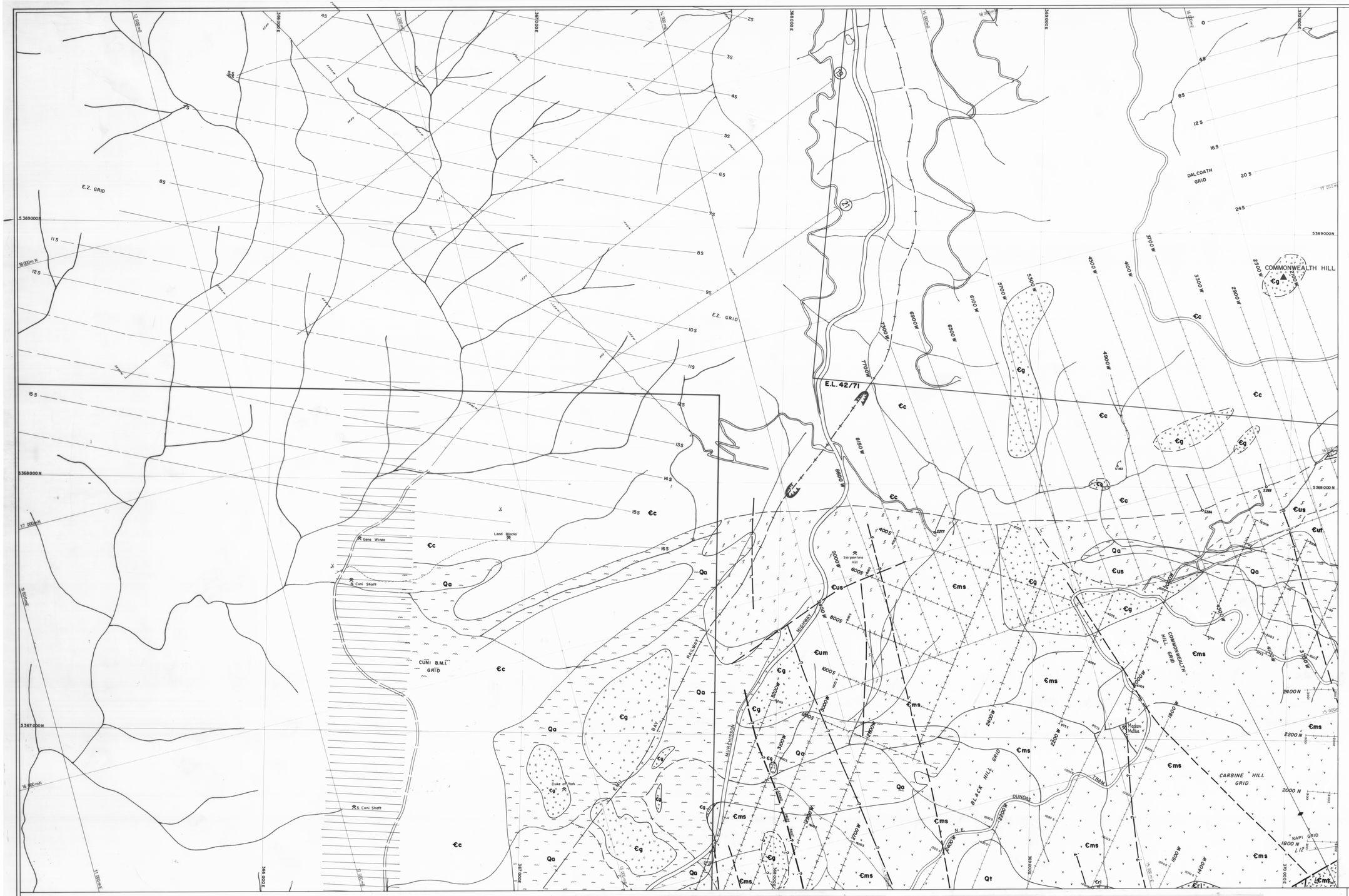
Placer Dome Asia Pacific*
Green, D.

5 cm

RENISON LIMITED

ZEEHAN B4/1

GEOLOGIST	SCALE 1:5 000 METRES
DRAUGHTSMAN	100 0 100 200
DATE	
REVISIONS	DRAWING No.



SEDIMENTARY ROCKS

Quaternary

- Qt — Talus
- Qa — Alluvium

Upper Cambrian

- Cg — Fernfields Formation: Siltstones, Conglomerates
- Cc — Carbine Hill Greywacke: Greywackes, Carbonates, Siltstones and Conglomerates
- Cs — Confidence Saddle Formation: Greywackes, Grits, Conglomerates
- Cb — Brewery Junction Formation: Siltstones, Greywackes, Conglomerates, Quartz-Feldspar Crystal Tuffs
- Razorback Conglomerate: Conglomerates, Greywackes, Crystal Tuffs
- Undifferentiated Brewery Junction Formation and Razorback Conglomerate: Siltstones, Carbonate bearing Greywackes
- Hodge Slate: Slates
- Red Lead Conglomerate: Conglomerates
- Mafic Clastics: Mafic Pyroclastics or reworked Lavas

Lower Cambrian

- Cr — Crimson Creek Formation

Pre-Cambrian

- Puc — Dipnah Formation

IGNEOUS ROCKS

Extrusives

- Cms — Mafic Spilites
- Cum — Ultra-mafic Rock (undifferentiated)
- Cus — Serpentinite
- Cut — Tremolite Rock

Intrusives

- Jd — Jurassic Dolerite
- Dg — Devonian Granite
- Cg — Cambrian Gabbro

SYMBOLS

- Interpreted Geological Boundary
- Fault, approximate position
- Vertical Bedding
- Dip & Strike of Bedding
- Dip & Strike of Foliation
- Anticlinal, Synclinal Axis
- Dip & Strike of Jointing
- Compositional layering in Ultra-mafic
- Limit of Hornfelsing
- Mine workings, Adit
- Shaft
- Dump
- Alluvial workings

5 cm

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

RENISON LIMITED

ZEEHAN B4/1

GEOLOGIST	SCALE 1:5 000METRES
DRAUGHTSMAN	100 0 100 200
DATE	
REVISIONS	DRAWING No.

ZEEHAN B1 B1/4 B2/3 B3/2 B3/3 ZEEHAN B2 B2/3 B4/1 B4/2 ZEEHAN B3 ZEEHAN B4 B4/3 B4/4

115000 ZEEHAN B4/1 (GRAND PRIZE INTERN AGES Mine GEOLOGY 1985

Zeehan B4/1 1:5,000 Geochemistry As

Zeehan B4/1 1:5000 Soil Geochemistry As

E.Z. GRID

DALCOATH GRID

Commonwealth Hill

Renison Mine Lease E.L. 42/71

CUNI B.M.I GRID

COMMONWEALTH HILL GRID

BLACK HILL GRID

KAPI GRID

Gene Winze

N. Cuni Shaft

S. Cuni Shaft

Lead Blocks

Duke of York

Serpentine Hill

Watson Valley

ZEEHAN B1 B1/4 B2/3 B3/2 B4/1 B4/2 B4/3 B4/4 ZEEHAN B2 ZEEHAN B3 ZEEHAN B4

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

SAMPLES
- Soil
- Rock Chip

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd (1968-69)
Razorback Hill Grid	:	Renison Ltd (1968-69)
Kapi Grid	:	Renison Ltd (1976-77)
Block Hill & Carbine Hill Grids	:	G.F.E.L. (1983)

5 cm

RENISON LIMITED

ZEEHAN B4/1

ARSENIC GEOCHEMISTRY IN P.P.M.

GEOLOGIST	P.K.	SCALE 1:5 000METRES
DRAUGHTSMAN	P.K. / S.F.	100 0 100 200
DATE	May, 84	
REVISIONS		DRAWING No. FIG. 7

Zeehan B4/1 1:5,000 Geochemistry N.I.

Zeehan B4/1 1:5,000 Nickel - Soil Geochemistry

1/5000 ZEEHAN B4/1

E.Z. GRID

DALCOATH GRID

CUNI B.M.I GRID

COMMONWEALTH HILL GRID

BLACK HILL GRID

KAPI GRID

Commonwealth Hill

Gene Winze

Lead Blocks

N. Cuni Shaft

S. Cuni Shaft

Duke of York

Serpentine Hill

Mindarra Melba

5369000 N

5368000 N

5367000 N

5369000 E

5370000 E

5371000 E

5372000 E

ZEEHAN B1 ZEEHAN B2 ZEEHAN B3 ZEEHAN B4

B1/1 B1/2 B1/3 B1/4 B2/1 B2/2 B2/3 B2/4 B3/1 B3/2 B3/3 B3/4 B4/1 B4/2 B4/3 B4/4

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd.(1968-69)
Razorback Hill Grid	:	Renison Ltd.(1968-69)
Kapi Grid	:	Renison Ltd. (1976-77)
Black Hill & Corbine Hill Grids	:	G.F.E.L. (1983)

5 cm

RENISON LIMITED

ZEEHAN B4/1

NICKEL GEOCHEMISTRY IN P.P.M.

GEOLOGIST	P.K.	SCALE 1:5000 METRES
DRAUGHTSMAN	P.K.	100 0 100 200
DATE	Aug.,83	
REVISIONS		DRAWING No. 11

Zeehan B4/1 1:5,000 Geochemistry Sn

Zeehan B4/1 1:5000 Soil Geochemistry Sn

E.Z. GRID

DALCOATH GRID

Commonwealth Hill

Renison Mine Lease EL 42/71

Gene Winze

Lead Blocks

N. Cuni Shaft

CUNI B.M.I GRID

Serpentine Hill

Duke of York

S. Cuni Shaft

COMMONWEALTH HILL GRID

BLACK HILL GRID

KAPI GRID

Madam Mellon

ZEEHAN B1 B1/1 B1/2 B1/3 B1/4 ZEEHAN B2 B2/1 B2/2 B2/3 B2/4 ZEEHAN B3 B3/1 B3/2 B3/3 B3/4 ZEEHAN B4 B4/1 B4/2 B4/3 B4/4

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd.(1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kopi Grid	:	Renison Ltd. (1976-77)
Black Hill & Carbine Hill Grids	:	G.F.E.L. (1983) -

SAMPLES
- Soil
- Rock Chip

5 cm

RENISON LIMITED

ZEEHAN B4/1

TIN GEOCHEMISTRY IN P.P.M.

GEOLOGIST	P.K.	SCALE 1:5 000 METRES
DRAUGHTSMAN	P.K./ S.F.	100 0 100 200
DATE	May, 84	
REVISIONS		DRAWING No. FIG. 6

1/5000 ZEEHAN GRID

Zeehan B4/1

1:5,000

Geochemistry Zn

Zeehan B4/1 1:5000 Soil Geochemistry Zn

Commonwealth Hill

Renison Mine Lease E.L. 42/71

Gene Winze

N. Cuni Shaft

S. Cuni Shaft

Lead Blocks

Duke of York

Serpentine Hill

CUNI B.M.I GRID

E.Z. GRID

DALCOATH GRID

COMMONWEALTH HILL GRID

BLACK HILL GRID

ZEEHAN B1 B1/4 B2/3 B2 B4/2 B3/2 B4 ZEEHAN B3 B4/3 ZEEHAN B4 B4/4

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd. (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kopi Grid	:	Renison Ltd. (1976-77)
Black Hill & Corbine Hill Grids	:	G.F.E.L. (1983)

SAMPLES
• Soil
× Rock Chip

5 cm

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

RENISON LIMITED

ZEEHAN B4/1

ZINC GEOCHEMISTRY IN P.P.M.

GEOLOGIST	P.K.	SCALE 1:5 000 METRES
DRAUGHTSMAN	P.K. / S.F.	100 0 100 200
DATE	May, 84	
REVISIONS		DRAWING No. FIG. 5

Zeehan B4/1 1:5,000 Geochemistry Pb

Zeehan B4/1 1:5000 Soil Geochemistry Pb

E.Z. GRID

DALCOATH GRID

Commonwealth Hill

Renison Mine Lease E.L. 42/71

Gene Winze

Lead Stocks

N. Cani Shaft

CUNI B.M.I GRID

Serpentine Hill

COMMONWEALTH HILL GRID

William Mellon

BLACK HILL GRID

Duke of York

S. Cani Shaft

KAPI GRID

ZEEHAN B1 B1/4 ZEEHAN B2 B2/3 B4/1 B4/2 ZEEHAN B3 ZEEHAN B4 B4/3 B4/4

GEOCHEMICAL SAMPLING

Grand Prize Grid	:	Placer Prospecting Pty Ltd. (1964-66)
North Dundas Grid	:	Renison Ltd. (1967-70)
Commonwealth Hill Grid	:	Renison Ltd. (1968-69)
Razorback Hill Grid	:	Renison Ltd. (1968-69)
Kapi Grid	:	Renison Ltd. (1976-77)
Black Hill & Carbine Hill Grids	:	G.F.E.L. (1983)

SAMPLES
- Soil
- Rock Chip

5 cm

03_4916

Zeehan 1:5000, B4/1, B4/3

Placer Dome Asia Pacific*
Green, D.

RENISON LIMITED

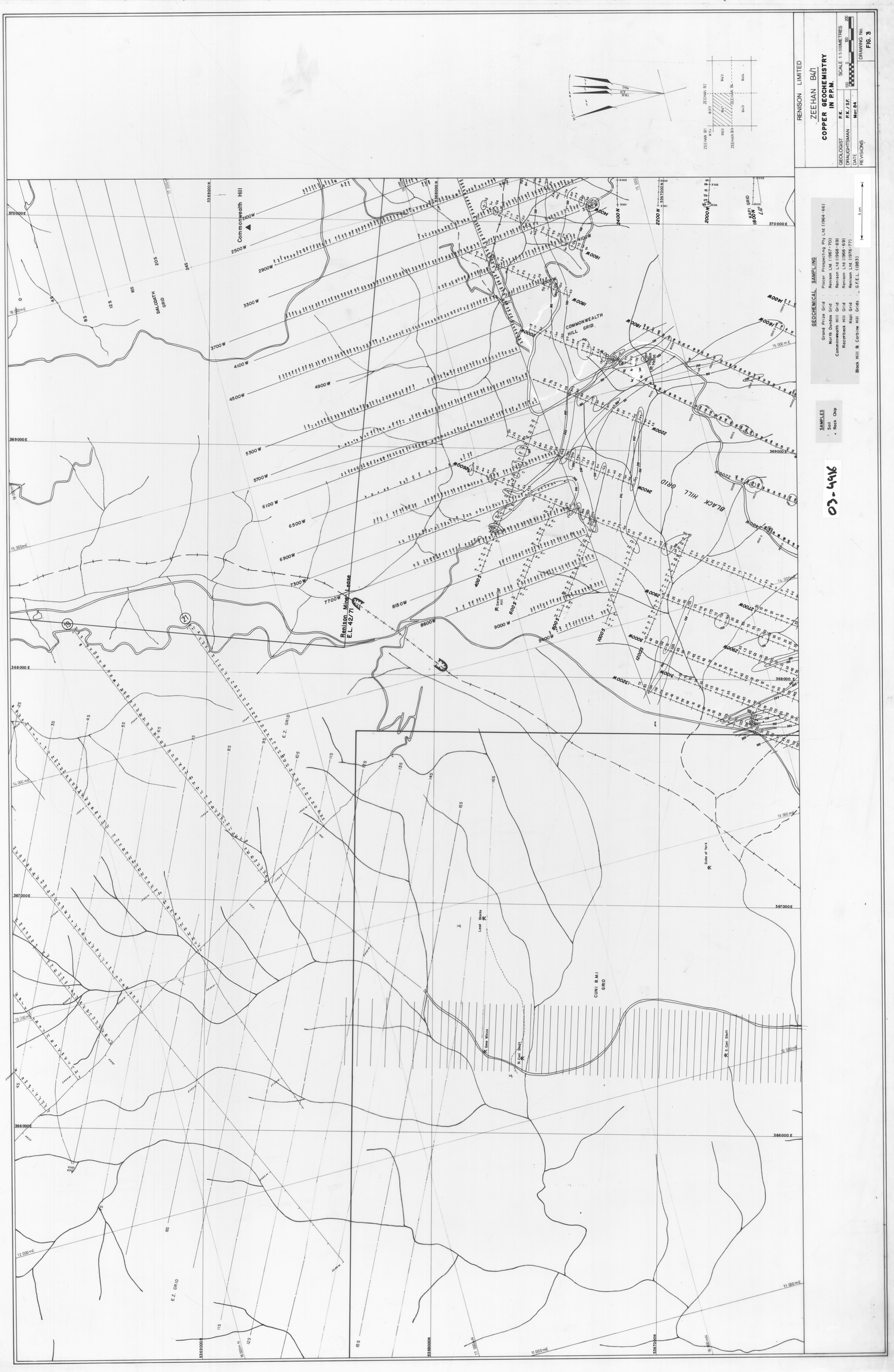
ZEEHAN B4/1

LEAD GEOCHEMISTRY IN P.P.M.

GEOLOGIST	P.K.	SCALE 1:5 000METRES
DRAUGHTSMAN	P.K./S.F.	100 0 100 200
DATE	May, 84	
REVISIONS		DRAWING No. FIG. 4

Zeehan B4/1 1:5,000 Geochemistry Cu

Zeehan B4/1 1:5000
Soil Geochemistry Cu


RENISON LIMITED
ZEEHAN B4/1
COPPER GEOCHEMISTRY IN P.P.M.
GEOLOGIST P.K.
DRAUGHTSMAN P.K./S.F.
DATE Mar.84
REVISIONS
SCALE 1:5,000 METRES
DRAWING No. FIG. 3
GEOCHEMICAL SAMPLING
Grand Prize Grid : Placer Prospecting Pty Ltd (1964-66)
North Dundas Grid : Renison Ltd (1967-70)
Commonwealth Hill Grid : Renison Ltd (1968-69)
Razorback Hill Grid : Renison Ltd (1968-69)
Mac Grid : Renison Ltd (1970-71)
Black Hill & Carbine Hill Grids : G.F.E.L. (1983)
SAMPLES
Soil
Rock Chip
COMMONWEALTH HILL GRID
BLACK HILL GRID
CUNI R.M.I GRID
Renison Mines Lease E.L. 42/71
Commonwealth Hill
Dale of Tara
Last Chance
New Moore
R. Comet Shaft
Stanhope Mine
E.Z. GRID
DALGARTH GRID
ZEEHAN B2
ZEEHAN B1
ZEEHAN B3
ZEEHAN B4
B1/1
B1/2
B2/1
B2/2
B3/1
B3/2
B4/1
B4/2
B4/3
B4/4
370000E
369000E
368000E
367000E
366000E
365000E
3365000N
3366000N
3367000N
3368000N
3369000N
3370000N
11 000mE
12 000mE
13 000mE
14 000mE
15 000mE
16 000mE
17 000mE
18 000mE
19 000mE
11 950mE
12 950mE
13 950mE
14 950mE
15 950mE
16 950mE
17 950mE
18 950mE
19 950mE
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700N
1600N
1500N
1400N
1300N
1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N
M0001
M0002
M0003
M0004
M0005
M0006
M0007
M0008
M0009
M0010
M0011
M0012
M0013
M0014
M0015
M0016
M0017
M0018
M0019
M0020
M0021
M0022
M0023
M0024
M0025
M0026
M0027
M0028
M0029
M0030
M0031
M0032
M0033
M0034
M0035
M0036
M0037
M0038
M0039
M0040
M0041
M0042
M0043
M0044
M0045
M0046
M0047
M0048
M0049
M0050
M0051
M0052
M0053
M0054
M0055
M0056
M0057
M0058
M0059
M0060
M0061
M0062
M0063
M0064
M0065
M0066
M0067
M0068
M0069
M0070
M0071
M0072
M0073
M0074
M0075
M0076
M0077
M0078
M0079
M0080
M0081
M0082
M0083
M0084
M0085
M0086
M0087
M0088
M0089
M0090
M0091
M0092
M0093
M0094
M0095
M0096
M0097
M0098
M0099
M0100
M0101
M0102
M0103
M0104
M0105
M0106
M0107
M0108
M0109
M0110
M0111
M0112
M0113
M0114
M0115
M0116
M0117
M0118
M0119
M0120
M0121
M0122
M0123
M0124
M0125
M0126
M0127
M0128
M0129
M0130
M0131
M0132
M0133
M0134
M0135
M0136
M0137
M0138
M0139
M0140
M0141
M0142
M0143
M0144
M0145
M0146
M0147
M0148
M0149
M0150
M0151
M0152
M0153
M0154
M0155
M0156
M0157
M0158
M0159
M0160
M0161
M0162
M0163
M0164
M0165
M0166
M0167
M0168
M0169
M0170
M0171
M0172
M0173
M0174
M0175
M0176
M0177
M0178
M0179
M0180
M0181
M0182
M0183
M0184
M0185
M0186
M0187
M0188
M0189
M0190
M0191
M0192
M0193
M0194
M0195
M0196
M0197
M0198
M0199
M0200
M0201
M0202
M0203
M0204
M0205
M0206
M0207
M0208
M0209
M0210
M0211
M0212
M0213
M0214
M0215
M0216
M0217
M0218
M0219
M0220
M0221
M0222
M0223
M0224
M0225
M0226
M0227
M0228
M0229
M0230
M0231
M0232
M0233
M0234
M0235
M0236
M0237
M0238
M0239
M0240
M0241
M0242
M0243
M0244
M0245
M0246
M0247
M0248
M0249
M0250
M0251
M0252
M0253
M0254
M0255
M0256
M0257
M0258
M0259
M0260
M0261
M0262
M0263
M0264
M0265
M0266
M0267
M0268
M0269
M0270
M0271
M0272
M0273
M0274
M0275
M0276
M0277
M0278
M0279
M0280
M0281
M0282
M0283
M0284
M0285
M0286
M0287
M0288
M0289
M0290
M0291
M0292
M0293
M0294
M0295
M0296
M0297
M0298
M0299
M0300
M0301
M0302
M0303
M0304
M0305
M0306
M0307
M0308
M0309
M0310
M0311
M0312
M0313
M0314
M0315
M0316
M0317
M0318
M0319
M0320
M0321
M0322
M0323
M0324
M0325
M0326
M0327
M0328
M0329
M0330
M0331
M0332
M0333
M0334
M0335
M0336
M0337
M0338
M0339
M0340
M0341
M0342
M0343
M0344
M0345
M0346
M0347
M0348
M0349
M0350
M0351
M0352
M0353
M0354
M0355
M0356
M0357
M0358
M0359
M0360
M0361
M0362
M0363
M0364
M0365
M0366
M0367
M0368
M0369
M0370
M0371
M0372
M0373
M0374
M0375
M0376
M0377
M0378
M0379
M0380
M0381
M0382
M0383
M0384
M0385
M0386
M0387
M0388
M0389
M0390
M0391
M0392
M0393
M0394
M0395
M0396
M0397
M0398
M0399
M0400
M0401
M0402
M0403
M0404
M0405
M0406
M0407
M0408
M0409
M0410
M0411
M0412
M0413
M0414
M0415
M0416
M0417
M0418
M0419
M0420
M0421
M0422
M0423
M0424
M0425
M0426
M0427
M0428
M0429
M0430
M0431
M0432
M0433
M0434
M0435
M0436
M0437
M0438
M0439
M0440
M0441
M0442
M0443
M0444
M0445
M0446
M0447
M0448
M0449
M0450
M0451
M0452
M0453
M0454
M0455
M0456
M0457
M0458
M0459
M0460
M0461
M0462
M0463
M0464
M0465
M0466
M0467
M0468
M0469
M0470
M0471
M0472
M0473
M0474
M0475
M0476
M0477
M0478
M0479
M0480
M0481
M0482
M0483
M0484
M0485
M0486
M0487
M0488
M0489
M0490
M0491
M0492
M0493
M0494
M0495
M0496
M0497
M0498
M0499
M0500
M0501
M0502
M0503
M0504
M0505
M0506
M0507
M0508
M0509
M0510
M0511
M0512
M0513
M0514
M0515
M0516
M0517
M0518
M0519
M0520
M0521
M0522
M0523
M0524
M0525
M0526
M0527
M0528
M0529
M0530
M0531
M0532
M0533
M0534
M0535
M0536
M0537
M0538
M0539
M0540
M0541
M0542
M0543
M0544
M0545
M0546
M0547
M0548
M0549
M0550
M0551
M0552
M0553
M0554
M0555
M0556
M0557
M0558
M0559
M0560
M0561
M0562
M0563
M0564
M0565
M0566
M0567
M0568
M0569
M0570
M0571
M0572
M0573
M0574
M0575
M0576
M0577
M0578
M0579
M0580
M0581
M0582
M0583
M0584
M0585
M0586
M0587
M0588
M0589
M0590
M0591
M0592
M0593
M0594
M0595
M0596
M0597
M0598
M0599
M0600
M0601
M0602
M0603
M0604
M0605
M0606
M0607
M0608
M0609
M0610
M0611
M0612
M0613
M0614
M0615
M0616
M0617
M0618
M0619
M0620
M0621
M0622
M0623
M0624
M0625
M0626
M0627
M0628
M0629
M0630
M0631
M0632
M0633
M0634
M0635
M0636
M0637
M0638
M0639
M0640
M0641
M0642
M0643
M0644
M0645
M0646
M0647
M0648
M0649
M0650
M0651
M0652
M0653
M0654
M0655
M0656
M0657
M0658
M0659
M0660
M0661
M0662
M0663
M0664
M0665
M0666
M0667
M0668
M0669
M0670
M0671
M0672
M0673
M0674
M0675
M0676
M0677
M0678
M0679
M0680
M0681
M0682
M0683
M0684
M0685
M0686
M0687
M0688
M0689
M0690
M0691
M0692
M0693
M0694
M0695
M0696
M0697
M0698
M0699
M0700
M0701
M0702
M0703
M0704
M0705
M0706
M0707
M0708
M0709
M0710
M0711
M0712
M0713
M0714
M0715
M0716
M0717
M0718
M0719
M0720
M0721
M0722
M0723
M0724
M0725
M0726
M0727
M0728
M0729
M0730
M0731
M0732
M0733
M0734
M0735
M0736
M0737
M0738
M0739
M0740
M0741
M0742
M0743
M0744
M0745
M0746
M0747
M0748
M0749
M0750
M0751
M0752
M0753
M0754
M0755
M0756
M0757
M0758
M0759
M0760
M0761
M0762
M0763
M0764
M0765
M0766
M0767
M0768
M0769
M0770
M0771
M0772
M0773
M0774
M0775
M0776
M0777
M0778
M0779
M0780
M0781
M0782
M0783
M0784
M0785
M0786
M0787
M0788
M0789
M0790
M0791
M0792
M0793
M0794
M0795
M0796
M0797
M0798
M0799
M0800
M0801
M0802
M0803
M0804
M0805
M0806
M0807
M0808
M0809
M0810
M0811
M0812
M0813
M0814
M0815
M0816
M0817
M0818
M0819
M0820
M0821
M0822
M0823
M0824
M0825
M0826
M0827
M0828
M0829
M0830
M0831
M0832
M0833
M0834
M0835
M0836
M0837
M0838
M0839
M0840
M0841
M0842
M0843
M0844
M0845
M0846
M0847
M0848
M0849
M0850
M0851
M0852
M0853
M0854
M0855
M0856
M0857
M0858
M0859
M0860
M0861
M0862
M0863
M0864
M0865
M0866
M0867
M0868
M0869
M0870
M0871
M0872
M0873
M0874
M0875
M0876
M0877
M0878
M0879
M0880
M0881
M0882
M0883
M0884
M0885
M0886
M0887
M0888
M0889
M0890
M0891
M0892
M0893
M0894
M0895
M0896
M0897
M0898
M0899
M0900
M0901
M0902
M0903
M0904
M0905
M0906
M0907
M0908
M0909
M0910
M0911
M0912
M0913
M0914
M0915
M0916
M0917
M0918
M0919
M0920
M0921
M0922
M0923
M0924
M0925
M0926
M0927
M0928
M0929
M0930
M0931
M0932
M0933
M0934
M0935
M0936
M0937
M0938
M0939
M0940
M0941
M0942
M0943
M0944
M0945
M0946
M0947
M0948
M0949
M0950
M0951
M0952
M0953
M0954
M0955
M0956
M0957
M0958
M0959
M0960
M0961
M0962
M0963
M0964
M0965
M0966
M0967
M0968
M0969
M0970
M0971
M0972
M0973
M0974
M0975
M0976
M0977
M0978
M0979
M0980
M0981
M0982
M0983
M0984
M0985
M0986
M0987
M0988
M0989
M0990
M0991
M0992
M0993
M0994
M0995
M0996
M0997
M0998
M0999
M1000
M1001
M1002
M1003
M1004
M1005
M1006
M1007
M1008
M1009
M1010
M1011
M1012
M1013
M1014
M1015
M1016
M1017
M1018
M1019
M1020
M1021
M1022
M1023
M1024
M1025
M1026
M1027
M1028
M1029
M1030
M1031
M1032
M1033
M1034
M1035
M1036
M1037
M1038
M1039
M1040
M1041
M1042
M1043
M1044
M1045
M1046
M1047
M1048
M1049
M1050
M1051
M1052
M1053
M1054
M1055
M1056
M1057
M1058
M1059
M1060
M1061
M1062
M1063
M1064
M1065
M1066
M1067
M1068
M1069
M1070
M1071
M1072
M1073
M1074
M1075
M1076
M1077
M1078
M1079
M1080
M1081
M1082
M1083
M1084
M1085
M1086
M1087
M1088
M1089
M1090
M1091
M1092
M1093
M1094
M1095
M1096
M1097
M1098
M1099
M1100
M1101
M1102
M1103
M1104
M1105
M1106
M1107
M1108
M1109
M1110
M1111
M1112
M1113
M1114
M1115
M1116
M1117
M1118
M1119
M1120
M1121
M1122
M1123
M1124
M1125
M1126
M1127
M1128
M1129
M1130
M1131
M1132
M1133
M1134
M1135
M1136
M1137
M1138
M1139
M1140
M1141
M1142
M1143
M1144
M1145
M1146
M1147
M1148
M1149
M1150
M1151
M1152
M1153
M1154
M1155
M1156
M1157
M1158
M1159
M1160
M1161
M1162
M1163
M1164
M1165
M1166
M1167
M1168
M1169
M1170
M1171
M1172
M1173
M1174
M1175
M1176
M1177
M1178
M1179
M1180
M1181
M1182
M1183
M1184
M1185
M1186
M1187
M1188
M1189
M1190
M1191
M1192
M1193
M1194
M1195
M1196
M1197
M1198
M1199
M1200
M1201
M1202
M1203
M1204
M1205
M1206
M1207
M1208
M1209
M1210
M1211
M1212
M1213
M1214
M1215
M1216
M1217
M1218
M1219
M1220
M1221
M1222
M1223
M1224
M1225
M1226
M1227
M1228
M1229
M1230
M1231
M1232
M1233
M1234
M1235
M1236
M1237
M1238
M1239
M1240
M1241
M1242
M1243
M1244
M1245
M1246
M1247
M1248
M1249
M1250
M1251
M1252
M1253
M1254
M1255
M1256
M1257
M1258
M1259
M1260
M1261
M1262
M1263
M1264
M1265
M1266
M1267
M1268
M1269
M1270
M1271
M1272
M1273
M1274
M1275
M1276
M1277
M1278
M1279
M1280
M1281
M1282
M1283
M1284
M1285
M1286
M1287
M1288
M1289
M1290
M1291
M1292
M1293
M1294
M1295
M1296
M1297
M1298
M1299
M1300
M1301
M1302
M1303
M1304
M1305
M1306
M1307
M1308
M1309
M1310
M1311
M1312
M1313
M1314
M1315
M1316
M1317
M1318
M1319
M1320
M1321
M1322
M1323
M1324
M1325
M1326
M1327
M1328
M1329
M1330
M1331
M1332
M1333
M1334
M1335
M1336
M1337
M1338
M1339
M1340
M1341
M1342
M1343
M1344
M1345
M1346
M1347
M1348
M1349
M1350
M1351
M1352
M1353
M1354
M1355
M1356
M1357
M1358
M1359
M1360
M1361
M1362
M1363
M1364
M1365
M1366
M1367
M1368
M1369
M1370
M1371
M1372
M1373
M1374
M1375
M1376
M1377
M1378
M1379
M1380
M1381
M1382
M1383
M1384
M1385
M1386
M1387
M1388
M1389
M1390
M1391
M1392
M1393
M1394
M1395
M1396
M1397
M1398
M1399
M1400
M1401
M1402
M1403
M1404
M1405
M1406
M1407
M1408
M1409
M1410
M1411
M1412
M1413
M1414
M1415
M1416
M1417
M1418
M1419
M1420
M1421
M1422
M1423
M1424
M1425
M1426
M1427
M1428
M1429
M1430
M1431
M1432
M1433
M1434
M1435
M1436
M1437
M1438
M1439
M1440
M1441
M1442
M1443
M1444
M1445
M1446
M1447
M1448
M1449
M1450
M1451
M1452
M1453
M1454
M1455
M1456
M1457
M1458
M1459
M1460
M1461
M1462
M1463
M1464
M1465
M1466
M1467
M1468
M1469
M1470
M1471
M1472
M1473
M1474
M1475
M1476
M1477
M1478
M1479
M1480
M1481
M1482
M1483
M1484
M1485
M1486
M1487
M1488
M1489
M1490
M1491
M1492
M1493
M1494
M1495
M1496
M1497
M1498
M1499
M1500
M1501
M1502
M1503
M1504
M1505
M1506
M1507
M1508
M1509
M1510
M1511
M1512
M1513
M1514
M1515
M1516
M1517
M1518
M1519
M1520
M1521
M1522
M1523
M1524
M1525
M1526
M1527
M1528
M1529
M1530
M1531
M1532
M1533
M1534
M1535
M1536
M1537
M1538
M1539
M1540
M1541
M1542
M1543
M1544
M1545
M1546
M1547
M1548
M1549
M1550
M1551
M1552
M1553
M1554
M1555
M1556
M1557
M1558
M1559
M1560
M1561
M1562
M1563
M1564
M1565
M1566
M1567
M1568
M1569
M1570
M1571
M1572
M1573
M1574
M1575
M1576
M1577
M1578
M1579
M1580
M1581
M1582
M1583
M1584
M1585
M1586
M1587
M1588
M1589
M1590
M1591
M1592
M1593
M1594
M1595
M1596
M1597
M1598
M1599
M1600
M1601
M1602
M1603
M1604
M1605
M1606
M1607
M1608
M1609
M1610
M1611
M1612
M1613
M1614
M1615
M1616
M1617
M1618
M1619
M1620
M1621
M1622
M1623
M1624
M1625
M1626
M1627
M1628
M1629
M1630
M1631
M1632
M1633
M1634
M1635
M1636
M1637
M1638
M1639
M1640
M1641
M1642
M1643
M1644
M1645
M1646
M1647
M1648
M1649
M1650
M1651
M1652
M1653
M1654
M1655
M1656
M1657
M1658
M1659
M1660
M1661
M1662
M1663
M1664
M1665
M1666
M1667
M1668
M1669
M1670
M1671
M1672
M1673
M1674
M1675
M1676
M1677
M1678
M1679
M1680
M1681
M1682
M1683
M1684
M1685
M1686
M1687
M1688
M1689
M1690
M1691
M1692
M1693
M1694
M1695
M1696
M1697
M1698
M1699
M1700
M1701
M1702
M1703
M1704
M1705
M1706
M1707
M1708
M1709
M1710
M1711
M1712
M1713
M1714
M1715
M1716
M1717
M1718
M1719
M1720
M1721
M1722
M1723
M1724
M1725
M1726
M1727
M1728
M1729
M1730
M1731
M1732
M1733
M1734
M1735
M1736
M1737
M1738
M1739
M1740
M1741
M1742
M1743
M1744
M1745
M1746
M1747
M1748
M1749
M1750
M1751
M1752
M1753
M1754
M1755
M1756
M1757
M1758
M1759
M1760
M1761
M1762
M1763
M1764
M1765
M1766
M1767
M1768
M1769
M1770
M1771
M1772
M1773
M1774
M1775
M1776
M1777
M1778
M1779
M1780
M1781
M1782
M1783
M1784
M1785
M1786
M1787
M1788
M1789
M1790
M1791
M1792
M1793
M1794
M1795
M1796
M1797
M1798
M1799
M1800
M1801
M1802
M1803
M1804
M1805
M1806
M1807
M1808
M1809
M1810
M1811
M1812
M1813
M1814
M1815
M1816
M1817
M1818
M1819
M1820
M1821
M1822
M1823
M1824
M1825
M1826
M1827
M1828
M1829
M1830
M1831
M1832
M1833
M1834
M1835
M1836
M1837
M1838
M1839
M1840
M1841
M1842
M1843
M1844
M1845
M1846
M1847
M1848
M1849
M1850
M1851
M1852
M1853
M1854
M1855
M1856
M1857
M1858
M1859
M1860
M1861
M1862
M1863
M1864
M1865
M1866
M1867
M1868
M1869
M1870
M1871
M1872
M1873
M1874
M1875
M1876
M1877
M1878
M1879
M1880
M1881
M1882
M1883
M1884
M1885
M1886
M1887
M1888
M1889
M1890
M1891
M1892
M1893
M1894
M1895
M1896
M1897
M1898
M1899
M1900
M1901
M1902
M1903
M1904
M1905
M1906
M1907
M1908
M1909
M1910
M1911
M1912
M1913
M1914
M1915
M1916
M1917
M1918
M1919
M1920
M1921
M1922
M1923
M1924
M1925
M1926
M1927
M1928
M1929
M1930
M1931
M1932
M1933
M1934
M1935
M1936
M1937
M1938
M1939
M1940
M1941
M1942
M1943
M1944
M1945
M1946
M1947
M1948
M1949
M1950
M1951
M1952
M1953
M1954
M1955
M1956
M1957
M1958
M1959
M1960
M1961
M1962
M1963
M1964
M1965
M1966
M1967
M1968
M1969
M1970
M1971
M1972
M1973
M1974
M1975
M1976
M1977
M1978
M1979
M1980
M1981
M1982
M1983
M1984
M1985
M1986
M1987
M1988
M1989
M1990
M1991
M1992
M1993
M1994
M1995
M1996
M1997
M1998
M1999
M2000
M2001
M2002
M2003
M2004
M2005
M2006
M2007
M2008
M2009
M2010
M2011
M2012
M2013
M2014
M2015
M2016
M2017
M2018
M2019
M2020
M2021
M2022
M2023
M2024
M2025
M2026
M2027
M2028
M2029
M2030
M2031
M2032
M2033
M2034
M2035
M2036
M2037
M2038
M2039
M2040
M2041
M2042
M2043
M2044
M2045
M2046
M2047
M2048
M2049
M2050
M2051
M2052
M2053
M2054
M2055
M2056
M2057
M2058
M2059
M2060
M2061
M2062
M2063
M2064
M2065
M2066
M2067
M2068
M2069
M2070
M2071
M2072
M2073
M2074
M2075
M2076
M2077
M2078
M2079
M2080
M2081
M2082
M2083
M2084
M2085
M2086
M2087
M2088
M2089
M2090
M2091
M2092
M2093
M2094
M2095
M2096
M2097
M2098
M2099
M2100
M2101
M2102
M2103
M2104
M2105
M2106
M2107
M2108
M2109
M2110
M2111
M2112
M2113
M2114
M2115
M2116
M2117
M2118
M2119
M2120
M2121
M2122
M2123
M2124
M2125
M2126
M2127
M2128
M2129
M2130
M2131
M2132
M2133
M2134
M2135
M2136
M2137
M2138
M2139
M2140
M2141
M2142
M2143
M2144
M2145
M2146
M2147
M2148
M2149
M2150
M2151
M2152
M2153
M2154
M2155
M2156
M2157
M2158
M2159
M2160
M2161
M2162
M2163
M2164
M2165
M2166
M2167
M2168
M2169
M2170
M2171
M2172
M2173
M2174
M2175
M2176
M2177
M2178
M2179
M2180
M2181
M2182
M2183
M2184
M2185
M2186
M2187
M2188
M2189
M2190
M2191
M2192
M2193
M2194
M2195
M2196
M2197
M2198
M2199
M2200
M2201
M2202
M2203
M2204
M2205
M2206
M2207
M2208
M2209
M2210
M2211
M2212
M2213
M2214
M2215
M2216
M2217
M2218
M2219
M2220
M2221
M2222
M2223
M2224
M2225
M2226
M2227
M2228
M2229
M2230
M2231
M2232
M2233
M2234
M2235
M2236
M2237
M2238
M2239
M2240
M2241
M2242
M2243
M2244
M2245
M2246
M2247
M2248
M2249
M2250
M2251
M2252
M2253
M2254
M2255
M2256
M2257
M2258
M2259
M2260
M2261
M2262
M2263
M2264
M2265
M2266
M2267
M2268
M2269
M2270
M2271
M2272
M2273
M2274
M2275
M2276
M2277
M2278
M2279
M2280
M2281
M2282
M2283
M2284
M2285
M2286
M2287
M2288
M2289
M2290
M2291
M2292
M2293
M2294
M2295
M2296
M2297
M2298
M2299
M2300
M2301
M2302
M2303
M2304
M2305
M2306
M2307
M2308
M2309
M2310
M2311
M2312
M2313
M2314
M2315
M2316
M2317
M2318
M2319
M2320
M2321
M2322
M2323
M2324
M2325
M2326
M2327
M2328
M2329
M2330
M2331
M2332
M2333
M2334
M2335
M2336
M2337
M2338
M2339
M2340
M2341
M2342
M2343
M2344
M2345
M2346
M2347
M2348
M2349
M2350
M2351
M2352
M2353
M2354
M2355
M2356
M2357
M2358
M2359
M2360
M2361
M2362
M2363
M2364
M2365
M2366
M2367
M2368
M2369
M2370
M2371
M2372
M2373
M2374
M2375
M2376
M2377
M2378
M2379
M2380
M2381
M2382
M2383
M2384
M2385
M2386
M2387
M2388
M2389
M2390
M2391
M2392
M2393
M2394
M2395
M2396
M2397
M2398
M2399
M2400
M2401
M2402
M2403
M2404
M2405
M2406
M2407
M2408
M2409
M2410
M2411
M2412
M2413
M2414
M2415
M2416
M2417
M2418
M2419
M2420
M2421
M2422
M2423
M2424
M2425
M2426
M2427
M2428
M2429
M2430
M2431
M2432
M2433
M2434
M2435
M2436
M2437
M2438
M2439
M2440
M2441
M2442
M2443
M2444
M2445
M2446
M2447
M2448
M2449
M2450
M2451
M2452
M2453
M2454
M2455
M2456
M2457
M2458
M2459
M2460
M2461
M2462
M2463
M2464
M2465
M2466
M2467
M2468
M2469
M2470
M2471
M2472
M2473
M2474
M2475
M2476
M2477
M2478
M2479
M2480
M2481
M2482
M2483
M2484
M2485
M2486
M2487
M2488
M2489
M2490
M2491
M2492
M2493
M2494
M2495
M2496
M2497
M2498
M2499
M2500
M2501
M2502
M2503
M2504
M2505
M2506
M2507
M2508
M2509
M2510
M2511
M2512
M2513
M2514
M2515
M2516
M2517
M2518
M2519
M2520
M2521
M2522
M2523
M2524
M2525
M2526
M2527
M2528
M2529
M2530
M2531
M2532
M2533
M2534
M2535
M2536
M2537
M2538
M2539
M2540
M2541
M2542
M2543
M2544
M2545
M2546
M2547
M2548
M2549
M2550
M2551
M2552
M2553
M2554
M2555
M2556
M2557
M2558
M2559
M2560
M2561
M2562
M2563
M2564
M2565
M2566
M2567
M2568
M2569
M2570
M2571
M2572
M2573
M2574
M2575
M2576
M2577
M2578
M2579
M2580
M2581
M2582
M2583
M2584
M2585
M2586
M2587
M2588
M2589
M2590
M2591
M2592
M2593
M2594
M2595
M2596
M2597
M2598
M2599
M2600
M2601
M2602
M2603
M2604
M2605
M2606
M2607
M2608
M2609
M2610
M2611
M2612
M2613
M2614
M2615
M2616
M2617
M2618
M2619
M2620
M2621
M2622
M2623
M2624
M2625
M2626
M2627
M2628
M2629
M2630
M2631
M2632
M2633
M2634
M2635
M2636
M2637
M2638
M2639
M2640
M2641
M2642
M2643
M2644
M2645
M2646
M2647
M2648
M2649
M2650
M2651
M2652
M2653
M2654
M2655
M2656
M2657
M2658
M2659
M2660
M2661
M2662
M2663
M2664
M2665
M2666
M2667
M2668
M2669
M2670
M2671
M2672
M2673
M2674
M2675
M2676
M2677
M2678
M2679
M2680
M2681
M2682
M2683
M2684
M2685
M2686
M2687
M2688
M2689
M2690
M2691
M2692
M2693
M2694
M2695
M2696
M2697
M2698
M2699
M2700
M2701
M2702
M2703
M2704
M2705
M2706
M2707
M2708
M2709
M2710
M2711
M2712
M2713
M2714
M2715
M2716
M2717
M2718
M2719
M2720
M2721
M2722
M2723
M2724
M2725
M2726
M2727
M2728
M2729
M2730
M2731
M2732
M2733
M2734
M2735
M2736
M2737
M2738
M2739
M2740
M2741
M2742
M2743
M2744
M2745
M2746
M2747
M2748
M2749
M2750
M2751
M2752
M2753
M2754
M2755
M2756
M2757
M2758
M2759
M2760
M2761
M2762
M2763
M2764
M2765
M2766
M2767
M2768
M2769
M2770
M2771
M2772
M2773
M2774
M2775
M2776
M2777
M2778
M2779
M2780
M2781
M2782
M2783
M2784
M2785
M2786
M2787
M2788
M2789
M2790
M2791
M2792
M2793
M2794
M2795
M2796
M2797
M2798
M2799
M2800
M2801
M2802
M2803
M2804
M2805
M2806
M2807
M2808
M2809
M2810
M2811
M2812
M2813
M2814
M2815
M2816
M2817
M2818
M2819
M2820
M2821
M2822
M2823
M2824
M2825
M2826
M2827
M2828
M2829
M2830
M2831
M2832
M2833
M2834
M2835
M2836
M2837
M2838
M2839
M2840
M2841
M2842
M2843
M2844
M2845
M2846
M2847
M2848
M2849
M2850
M2851
M2852
M2853
M2854
M2855
M2856
M2857
M2858
M2859
M2860
M2861
M2862
M2863
M2864
M2865
M2866
M2867
M2868
M2869
M2870
M2871
M2872
M2873
M2874
M2875
M2876
M2877
M2878
M2879
M2880
M2881
M2882
M2883
M2884
M2885
M2886
M2887
M2888
M2889
M2890
M2891
M2892
M2893
M2894
M2895
M2896
M2897
M2898
M2899
M2900
M2901
M2902
M2903
M2904
M2905
M2906
M2907
M2908
M2909
M2910
M2911
M2912
M2913
M2914
M2915
M2916
M2917
M2918
M2919
M2920
M2921
M2922
M2923
M2924
M2925
M2926
M2927
M2928
M2929
M2930
M2931
M2932
M2933
M2934
M2935
M2936
M2937
M2938
M2939
M2940
M2941
M2942
M2943
M2944
M2945
M2946
M2947
M2948
M2949
M2950
M2951
M2952
M2953
M2954
M2955
M2956
M2957
M2958
M2959
M2960
M2961
M2962
M2963
M2964
M2965
M2966
M2967
M2968
M2969
M2970
M2971
M2972
M2973
M2974
M2975
M2976
M2977
M2978
M2979
M2980
M2981
M2982
M2983
M2984
M2985
M2986
M2987
M2988
M2989
M2990
M2991
M2992
M2993
M2994
M2995
M2996
M2997
M2998
M2999
M3000
M3001
M3002
M3003
M3004
M3005
M3006
M3007
M3008
M3009
M3010
M3011
M3012
M3013
M3014
M3015
M3016
M3017
M3018
M3019
M3020
M3021
M3022
M3023
M3024
M3025
M3026
M3027
M3028
M3029
M3030
M3031
M3032
M3033
M3034
M3035
M3036
M3037
M3038
M3039
M3040
M3041
M3042
M3043
M3044
M3045
M3046
M3047
M3048
M3049
M3050
M3051
M3052
M3053
M3054
M3055
M3056
M3057
M3058
M3059
M3060
M3061
M3062
M3063
M3064
M3065
M3066
M3067
M3068
M3069
M3070
M3071
M3072
M3073
M3074
M3075
M3076
M3077
M3078
M3079
M3080
M3081
M3082
M3083
M3084
M3085
M3086
M3087
M3088
M3089
M3090
M3091
M3092
M3093
M3094
M3095
M3096
M3097
M3098
M3099
M3100
M3101
M3102
M3103
M3104
M3105
M3106
M3107
M3108
M3109
M3110
M3111
M3112
M3113
M3114
M3115
M3116
M3117
M3118
M3119
M3120
M3121
M3122
M3123
M3124
M3125
M3126
M3127
M3128
M3129
M3130
M3131
M3132
M3133
M3134
M3135
M3136
M3137
M3138
M3139
M3140
M3141
M3142
M3143
M3144
M3145
M3146
M3147
M3148
M3149
M3150
M3151
M3152
M3153
M3154
M3155
M3156
M3157
M3158
M3159
M3160
M3161
M3162
M3163
M3164
M3165
M3166
M3167
M3168
M3169
M3170
M3171
M3172
M3173
M3174
M3175
M3176
M3177
M3178
M3179
M3180
M3181
M3182
M3183
M3184
M3185
M3186
M3187
M3188
M3189
M3190
M3191
M3192
M3193
M3194
M3195
M3196
M3197
M3198
M3199
M3200
M3201
M3202
M3203
M3204
M3205
M3206
M3207
M3208
M3209
M3210
M3211
M3212
M3213
M3214
M3215
M3216
M3217
M3218
M3219
M3220
M3221
M3222
M3223
M3224
M3225
M3226
M3227
M3228
M3229
M3230
M3231
M3232
M3233
M3234
M3235
M3236
M3237
M3238
M3239
M3240
M3241
M3242
M3243
M3244
M3245
M3246
M3247
M3248
M3249
M3250
M3251
M3252
M3253
M3254
M3255
M3256
M3257
M3258
M3259
M3260
M3261
M3262
M3263
M3264
M3265
M3266
M3267
M3268
M3269
M3270
M3271
M3272
M3273
M3274
M3275
M3276
M3277
M3278
M3279
M3280
M3281
M3282
M3283
M3284
M3285
M3286
M3287
M3288
M3289
M3290
M3291
M3292
M3293
M3294
M3295
M3296
M3297
M3298
M3299
M3300
M3301
M3302
M3303
M3304
M3305
M3306
M3307
M3308
M3309
M3310
M3311
M3312
M3313
M3314
M3315
M3316
M3317
M3318
M3319
M3320
M3321
M3322
M3323
M3324
M3325
M3326
M3327
M3328
M3329
M3330
M3331
M3332
M3333
M3334
M3335
M3336
M3337
M3338
M3339
M3340
M3341
M3342
M3343
M3344
M3345
M3346
M3347
M3348
M3349
M3350
M3351
M3352
M3353
M3354
M3355
M3356
M3357
M3358
M3359
M3360
M3361
M3362
M3363
M3364
M3365
M3366
M3367
M3368
M3369
M3370
M3371
M3372
M3373
M3374
M3375
M3376
M3377
M3378
M3379
M3380
M3381
M3382
M3383
M3384
M3385
M3386
M3387
M3388
M3389
M3390
M3391
M3392
M3393
M3394
M3395
M3396
M3397
M3398
M3399
M3400
M3401
M3402
M3403
M3404
M3405
M3406
M3407
M3408
M3409
M3410
M3411
M3412
M3413
M3414
M3415
M3416
M3417
M3418
M3419
M3420
M3421
M3422
M3423
M3424
M3425
M3426
M3427
M3428
M3429
M3430
M3431
M3432
M3433
M3434
M3435
M3436
M3437
M3438
M3439
M3440
M3441
M3442
M3443
M3444
M3445
M3446
M3447
M3448
M3449
M3450
M3451
M3452
M3453
M3454
M3455
M3456
M3457
M3458
M3459
M3460
M3461
M3462
M3463
M3464
M3465
M3466
M3467
M3468
M3469
M3470
M3471
M3472
M3473
M3474
M3475
M3476
M3477
M3478
M3479
M3480
M3481
M3482
M3483
M3484
M3485
M3486
M3487
M3488
M3489
M3490
M3491
M3492
M3493
M3494
M3495
M3496
M3497
M3498
M3499
M3500
M3501
M3502
M3503
M3504
M3505
M3506
M3507
M3508
M3509
M3510
M3511
M3512
M3513
M3514
M3515
M3516
M3517
M3518
M3519
M3520
M3521
M3522
M3523
M3524
M3525
M3526
M3527
M3528
M3529
M3530
M3531
M3532
M3533
M3534
M3535
M3536
M3537
M3538
M3539
M3540
M3541
M3542
M3543
M3544
M3545
M3546
M3547
M3548
M3549
M3550
M3551
M3552
M3553
M3554
M3555
M3556
M3557
M3558
M3559
M3560
M3561
M3562
M3563
M3564
M3565
M3566
M3567
M3568
M3569
M3570
M3571
M3572
M3573
M3574
M3575
M3576
M3577
M3578
M3579
M3580
M3581
M3582
M3583
M3584
M3585
M3586
M3587
M3588
M3589
M3590
M3591
M3592
M3593
M3594
M3595
M3596
M3597
M3598
M3599
M3600
M3601
M3602
M3603
M3604
M3605
M3606
M3607
M3608
M3609
M3610
M3611
M3612
M3613
M3614
M3615
M3616
M3617
M3618
M3619
M3620
M3621
M3622
M3623
M3624
M3625
M3626
M3627
M3628
M3629
M3630
M3631
M3632
M3633
M3634
M3635
M3636
M3637
M3638
M3639
M3640
M3641
M3642
M3643
M3644
M3645
M3646
M3647
M3648
M3649
M3650
M3651
M3652
M3653
M3654
M3655
M3656
M3657
M3658
M3659
M3660
M3661
M3662
M3663
M3664
M3665
M3666
M3667
M3668
M3669
M3670
M3671
M3672
M3673
M3674
M3675
M3676
M3677
M3678
M3679
M3680
M3681
M3682
M3683
M3684
M3685
M3686
M3687
M3688
M3689
M3690
M3691
M3692
M3693
M3694
M3695
M3696
M3697
M3698
M3699
M3700
M3701
M3702
M3703
M3704
M3705
M3706
M3707
M3708
M3709
M3710
M3711
M3712
M3713
M3714
M3715
M3716
M3717
M3718
M3719
M3720
M3721
M3722
M3723
M3724
M3725
M3726
M3727
M3728
M3729
M3730
M3731
M3732
M3733
M3734
M3735
M3736
M3737
M3738
M3739
M3740
M3741
M3742
M3743
M3744
M3745
M3746
M3747
M3748
M3749
M3750
M3751
M3752
M3753
M3754
M3755
M3756
M3757
M3758
M3759
M3760
M3761
M3762
M3763
M3764
M3765
M3766
M3767
M3768
M3769
M3770
M3771
M3772
M3773
M3774
M3775
M3776
M3777
M3

RENISON MINE LEASE
E.L. 4277

COMMONWEALTH HILL

E.Z. GRID

DALCOATH GRID

CUNI B.M.I. GRID

BLACK HILL GRID

COMMONWEALTH HILL GRID

CARBINE HILL GRID

KAPI GRID

Gene Winze

Lead Blocks

N. Cuni Shaft

S. Cuni Shaft

Duke of York

Sergeiene Hill

Modom Mello

MURCHISSON HIGHWAY

EMU BAY RAILWAY

DUNDAS TRAM

N.E.

ZEEHAN B1 B1/4 | ZEEHAN B2 B2/3 | B2/1 | B2/2 | ZEEHAN B3 B3/3 | ZEEHAN B4 B4/2 | B4/4

LEGEND

All grid samples are Soil Samples

x Rock Chip Sample

03-4916

RENISON LIMITED

ZEEHAN B4/1

Au

GEOCHEMISTRY (p.p.m.)

GEOLOGIST	P.K.	SCALE: 1:5 000 METRES
DRAUGHTSMAN	S.F.	100 0 100 200
DATE	Aug.85	
REVISIONS		DRAWING No.

15000 ZEEHAN B4/1 GRAND PRIZE AREA Au GEOCHEMISTRY

E.Z. GRID

DALCOATH GRID

COMMONWEALTH HILL

CUNI B.M.I. GRID

BLACK HILL GRID

COMMONWEALTH HILL GRID

CARBINE HILL GRID

KAPI GRID

Gane Winze

Lead Blocks

N. Cuni Shaft

S. Cuni Shaft

Serpentine Hill

Duke of York

Medium Hellas

MID CUDDIE HIGHWAY

DUNDAS

E.W.U. BAY RAILWAY

TRANS

Japan Transmitter

Grid North

N.W. Cape Transmitter

Transmitter Direction

Black Hill Grid (7) - North West Cape Transmitter

Carbine Hill Grid (7,8) 1st Reading N.W.C. Transmitter
2nd. Reading Japan Transmitter

03.4916

5 cm

ZEEHAN B4/1

V.L.F.

FRASER ALGORITHM (N.W. Cape)

RENISON LIMITED

GEOLOGIST	P. K.
DRAUGHTSMAN	S. F.
DATE	April, 84
REVISIONS	

SCALE 1:5 000 METRES

100 0 100 200

DRAWING No. FIG. 30

ZEEHAN B4/1
V.L.F.
FRASER ALGORITHM
(N.W. CAPE)

E.Z. GRID

DALCOATH GRID

COMMONWEALTH HILL

CUNI B.M.I. GRID

COMMONWEALTH HILL GRID

BLACK HILL GRID

CARBINE HILL GRID

KAPI GRID

E.Z. GRID

Gene Winze

Lead Blocks

Cuni Shaft

S. Cuni Shaft

Duke of York

Serpentine Hill

Meadow Maple

HIGHWAY

RAILWAY

BAY

MUSCUSSION

DUNDAS

N.E.

Black Hill Grid (7) - North West Cape Transmitter
Carbine Hill Grid (7,8) 1st Reading N.W.C. Transmitter
2nd.Reading Japan Transmitter

03-4916

5 cm

RENISON LIMITED

ZEEHAN B41

V.L.F.

FRASER ALGORITHM

GEOLOGIST	P. K.
DRAUGHTSMAN	S. F.
DATE	April, 84
REVISIONS	

SCALE 1:5 000 METRES

200 0 100 200

DRAWING No.

1:5000 ZEEHAN B41
V.L.F.
FRASER ALGORITHM

E.Z. GRID

CUNI B.M.I. GRID

DALCOATH GRID

COMMONWEALTH HILL GRID

BLACK HILL GRID

CARBINE HILL GRID

KAPI GRID

E.L. 42/71

COMMONWEALTH HILL

Gene Winze

N. Cuni Shaft

S. Cuni Shaft

Lead Blocks

Duke of York

Serpentine Hill

Zone of High

Holden Workings

DUNDAS

RAILWAY

HIGHWAY

MURCHISSON

E.N.U.

RENISON LIMITED

ZEEHAN B4/1

GROUND MAGNETOMETER SURVEY

GEOLOGIST : P.K.	SCALE 1:5 000 METRES
DRAUGHTSMAN : S.F.	100 0 100 200
DATE : April, 1984 / Jan, 1985	
REVISIONS :	DRAWING No.

03-4916

5 cm

ZEEHAN B4/1 GROUND MAGNETICS