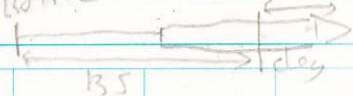


Location _____ Date _____

Project / Client 5/1/16 20

CIC

Sil to 40 table/pet bp: Green
 bp 40 table to refuel: 135cm
 clay to " 22cm
 Interface pet clay red clay
 (clay is not gray but brown)
 Any different than previous

From road walking back to island

15 steps: 40 table 57cm

25 steps: " 52cm

35 " " 45cm

— edge 40 island —

40 " 32cm

45 " 25cm

50 " 25 (about 1/2)

55 " 27 (1/2)

60 " 27

65 " 39

70 " 41

80 " 48

100 " 63 end of line
end of string

Project / Client _____

Shale Hills C20 (Sue Xari)STOP 1 [next to camp → General's Run Camp]

Henry's valley I - HV1 - well [5-C-120]

100mth 21A → under 50mth settings

DAT 1304: 916mth window, 0.1m trip

0m: road (wrong antenna separation)

16m: 2 antennas in center of well @ 3.5m

got cut off and restarted as 1305

DAT 1306: reverse whole line song towards
road/well

0.42 boulder field

47.5m: well between the 2 antennas

61m: road starts

DAT 1302: screw line with 50 RTA

setup as 50, 1m00m to 0.1 spec

0m: Rx is at end of road

16.5m: well is between antennas

boulder field starts

50m: end of line, start of DAT 1306

DAT 1308: reverse of 1307

43m: well

Rite in the Rain

Location _____ Date _____

Project / Client _____

STOP 2

Soil pits

LRVF - leading ridge
valley floor

Line from valley floor going up
crossing pit. RTD 100 with
SoMhz settings (changed antenna
separation to 2m)

9ul line window, 0.1 trace interval

SAMPL. FREQ. 1.054 MHz

↳ DAT 1309

0m: valley / stream

7m: pit (between 2 antennas)

42m: hydro station

122m: still going up, gets clearer of
trees and ~~more~~ boulder field

137m: steeper, more boulders

157m: stopped by big tree in middle
of boulder fieldDAT 1310: reverse of 1309, going down

0m: 157m in DAT 1309

37m: out of major boulder field

118m: hydro station

151m: pit 157 stream/end of line

Location _____ Date _____

Project / Client _____

STOP 3

Shale Hills - Andy's transect

Line starts downhill, next to stream and
road.

DAT 1311: 100 RTD, same settings as before

4.5m: Flag B13 in center of both antennas

12m: B9

20.5m: B1

38.5: AS

57.5m: AISX

75m: 124 flag, end of loggy

85m: sets a bit flatter, end of line

DAT 1312: reverse of 1311

11.5m: 124, G483 flag (lost flag before)

82m: B13

South Platte Valley Floor site → South Platte transect

DAT 1313: by hydro station going up hill

2m: SAVF

SPMS (mid-placer)

SPRT (ridge)

↳ monitor died! line not readed *Rite in the Rain.*

Location _____ Date _____

Project / Client _____

DAT-133 : starts uphill going down

Om, fra

55m: SPRT (ridge) by meters $\approx 1 \text{ fl}$
137: same as 136 - in water

13.5m, slope start
41m, SPMS (middle)

72.5m² SPVF (valley floor) . "

Location _____ Date _____

Project / Client 5/7/16

(Roman, Kantare, Brandon, Henry, Lee, Sue)

HVI well

5 253408

≈ 4509746

558m elevation

DAT-1314 : RTD 100MHz, 0.1 trace interval, Am

Om: half slope

45,5m: roed starts

52.5m: " ends

64 Mr. H. V. well

16253340

1535m: after Corby flat, going up to N 4509392

323, small high slope, right on boulder area

↳ 253290

356m end of line @ mddo N 450958

of slope $\rightarrow E 25327$

~ 45096(1)

DAT_1315 (reverse of 1314, 0m 15) = settings

33m sharp change in elevation



306 m: HV1 well

E253390

355-322 : road ~ 4509291

$\{E253448\}$

2450914

389.5: om of DAT-1316

43 km: succ elevation as incl slope
elevation gets steeper

Rite in the Rain

463m: 253462
4509126

543-545.5: bad data, after stopping
collected static traces

545.5: changed spool keep pig up

600.5: 253528 20m from ridge top
4508993

639.5: top of ridge → 253530
4508956

DAT-1316: line of top of ridge 0m is
204.5m: LRRT pit on top of ridge
end of line

DAT-1317: top of ridge goes down
rest of

DAT-1318: 9m: pit on top of ridge
584m elevation

113: boulder
concrete field

144: mid slope pit

291: cosine probe

375: LRVT pit - valley floor

334-337.5: crossed stream (holding antennas)

321-327: road

DAT-1318: metal rod survey Rod buried 0.5m

1319

DAT-1320: repeat

DAT-1322: 100m line parallel to the
road about 10-15m

185m: entering dense boulder field

DAT-1323: CUTT + 200m shielded ^{544m don't}
1325 CMP @ HV1 0.1m spacing?
(0.05m each antenna)

shot 3 times →

Rx @ 12 / Tx @ 4m

DAT-1326: CMP @ LRVT. Same settings as before
Tx @ 13 / Rx @ 3m

DAT-1327: CMP @ LRMS (mid slope)
Rx @ 15 / Rx: 5m

DAT-1328: CMP @ LRRT (ridge top) same settings

Location _____ Date _____

Project / Client _____ 5/3/16

(Brandon, Greg, Jonathan, Lee, Kari)

(Greg notes meter + terrain conditions)

DAT 1329: 100mth RTA @ Tassy Mtn
1330 Line starts on road

N40.69633 W6584
W77.92184 datum

0m: parking lot

5-12m: road, goes up about a meter
after that goes up progressively

85m: entering boulder field

87m: N40.69690
W77.92233

90-100: bed faces - car pulled line!

147: end of boulder field(?)

251: start of boulder field, topo starts to
8 really up

300: more and more boulders N40.69834
W77.92369

343: getting steeper, less boulders?

398: " " ?
deep reflector on profile N40.69895
W77.92432

486: mid slope pit

556: passed through one large boulders N40.70025
W77.92475 2.5m

Location _____ Date _____

Project / Client _____

655 S: trail on top!
620: top of ridge → N40.70113
W77.92511 646

DAT 1331: CMP @ TMM5 Tassy Mtn

1332 G N40.69968
W77.92448 mid slope

charge settings, 0.1m tidal spacing
(0.05m each antenna)

Tx @ 13.30 / Rx @ 2.70

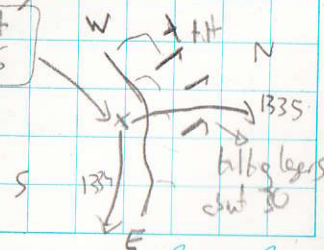
DAT 1333: Tassy mountain valley floor
CMP @ boulder field

N40.69684
W77.92268 Spring 0.1 (0.05 each)

DAT 1334: 100mth RTA profile on top of
ridge @ Tassy

0m: N40.70137
W77.92436

55: end of line
no tilt, going over
strike



24
98

Date _____

Project / Client _____

DOT 1335 : 100RTA, L to 1334, starting
@ same point goes over ridge and
backs down

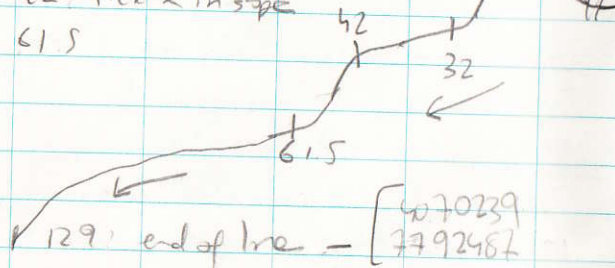
0m: 15 0m in 1334 (on trail)

16.5: top of ridge starts to go down

32: after big break in slope

42: more in slope

61.5



DOT 1336 : inverse of 1335 but with 50mhz
(closed space to 3.5m, and
serpentine hwy to 500)

0m is 129 in 1335

108 is equivalent to 32 on 1335

124: top of ridge (continues in center)

135: trail



Location _____

Date _____

27

Project / Client _____

DOT 1337 : CRP @ center of trail

Start 3 trees, 3rd tree @ 20m spread on

0.05 each antenna, 0.1 total

ending Tx @ 0, center = 8, Rx @ 16

[4070137

077.92436

DOT 1338 : SORTA going down all the way

0m: [4070114

77.92522] top of ridge fairly straight

20m: trail, start to go down

138m: mid slope pit

170m: standing water, big puddle about

10m to the left. Puddles man-made
depression

595: road starts

602: " ends

Rite in the Rain

Brandon, Xavier, Greg, Li, Sue

DAT 1340: 50 RTA from road going up
on pits slope (leading ridge)

sets on

6m: start of road

11m: end of "

42: center of stream

51: LRVF pit (valley floor)

205: LRMS pit (mid slope)

301: LRRT pit (ridge top)

345: probably top of the ridge

350: 4069349

7791856

390: end of line

4069325
7791837

DAT 1341: 50 RTA. Reverse of

0m: start @ → 4069353
top of ridge 7791863

48m LRRT

cut off 1341 - started 1342

1m: LRMS pit

163m: LRVF pit

121: stream

202: edge of road

New site: Rmp Station trail

DAT 1343: close to break in slope

0m: 4068648
7794691

going down

50m: 134

6m: bp of lobe

88-93: road

105: top of lobe

134: old logging trail

road 8m 76

286: edge/top of lobe

306: bottom of lobe

310-345: border/field?

363

383: end of "

4068296

7794426

change in direction

395: stream

482: river/stream

4068216

7794302

END ?

4068222

7794325

DAT 1344: RTD 100 - Chased settings

Serp leg: 100 / dist 2.00

0m is stream, clay layer a few

8m: bottom of lobe 4068345

11m: top of lobe 7794353

15m: crossing small stream 4068416

20m: slopes gets steeper 7794409

Rite in the Rain

Location _____ Date _____

Project / Client _____


433 road \swarrow 40.68607
77.94511

439: gas up \swarrow 439 pink thread
 \nearrow

440-460 \rightarrow bad data, issues with hypochain
only 10m in reality

468 \rightarrow new hypochain \rightarrow criterion back
to 440 \rightarrow delete 440-468

538 \rightarrow bulldozer field started @ 510
End of line 40.68672
77.94570

DAT 1345: reverse from \nearrow to road
again, to test reflectors hitting on
~~80m~~ 1344 profile \rightarrow 

77m: road \rightarrow end of line

SURVEY WITH ANDY'S CLASS

DAT 1346: tail next to well 40.71650
77.89443

42m: well

62m: 40.71601
77.89474

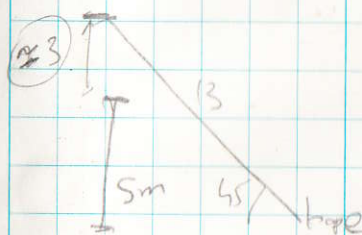
DAT 1347: CMP about 10m from well
 \rightarrow 40.71622
77.89471

Location _____ Date _____

Project / Client _____

DAT 1348: 100RTP along outcrop
02 spars / 2m \rightarrow 40.71817
77.89218

7m: post 1
12m: " 2
82m: end \rightarrow 40.71758
77.89283



Water table measurements - on 5/5/16 7pm
HV-1: 0.91m
Joe Hages: 64.25m