

An 'X' by the
sample indicates
it could be a
bad sample

TAM
GRID

Rainbow - Tam O'Shanter

825033

May 29 91

Collec

Station	Depth	Color	(1-4) Moist	Slope	Bag
Description					
2870W	40cm	tan	3	20°	1DTM500
2870W		B level visible, little ^{change} color from A to B			
28725N	40cm	tan	3	20°	1DTM501
070W		B level a little redder than A and much			
28750W	35cm	slight orange/brown	3	20°	1DTM502
070W					
28775W	35cm	slight orange / brown	3	25°	1DTM503
070W					
29100W	38cm	tan	3	20°	1DTM504
070W					
29125W	23cm	slight orange/brown	3	28°	1DTM505
100W					
29150W	18cm	slight orange / brown	3	15°	1DTM506
070W					

2947N 40cm barely red / brown 3 10° 10TMS07

072E

12 row

2810W 35cm brown 3 5° 10TMS08

015E on road

2810W 30cm greyish brown 2 15° 10TMS09

045E on path, heavy roots in soil

2810W 35cm all colors 2 10° 10TMS10

075E fallen trees everywhere, hard to find soil
Small sample only, lots of white below

2810W 24cm greyish / blackish 4 10° 10TMS11

172E fallen trees, branches in soil - a big mess

2810W 28cm red brown 3 <5° 10TMS12

142E heavy trees but a good sample I think!

2810W 28cm red brown 3 Plat 10TMS13

145E heavy trees - a grey layer ⁽¹⁵⁻²⁰⁾ may have
been below the sample, but I dugged
and didn't find it again

X 2870W	23cm	greyish/reddish brown	4	10 ⁰ 10TMS14
475W	3.5 m	in front room, fallen trees, branches in soil - what a mess		
2870W	35cm	reddish brown	4	Plot 10TMS15
270W		soil is sandy, a lot of little rocks, i think i found Bir all this mess		
2870W	20cm	red brown	3	LS 10TMS16
272W		jack pot, easy B level, some rocks in a reforested area, young trees		
2870W	18cm	red brown	2	S 10TMS17
275W		lots of little rocks		
X 2870W	10cm	red brown	2	10 ⁰ 10TMS18
275W		its B layer but lots of rocks - too many so small sample, mostly pebbles		
2870W	20cm	red brown	2	10 ⁰ 10TMS19
370W		near pad - lots of sample in ground in soil		

2870W 18cm ^{red} brown 2 75° 10TMS20

3+25E lots of rocks in soil/near road
lots of rust/red/Hematite? Can have sample
marked nearby

2870E 20cm ^{red} brown 2 70° 10TMS21

3+50E off of road

2870W 35cm ^{redish} brown 2 10° 10TMS22

3+75E off of road, lots of pebbles

2870W 18cm brown 2 Plat 10TMS23

4+00E on road, all pebbles - a chipped rock had rust

2870W 10cm ^{red} brown 2 Plat 10TMS24

4+25E on road, all pebbles (lots of green ones)

2870W 24cm ^{reddish} brown 2 Plat 10TMS25

4+50E on road, a little less pebbles but still a lot

2870W 25cm ^{reddish} brown 2 5° 10TMS26

4+75E off of road, all pebbles but could see
a B layer through all the moss

2870W	35cm	reddish brown	2	5 ^u	10TMS 27
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500E	13 level	reddish brown	a few pebbles		
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2870W	40cm	reddish brown	2	10 ^u	10TMS 28
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572SE					
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X 2870W	20cm	dark brown	2	10 ^u	10TMS 29
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5150E	lots of green rock holes surface				
	lots of rock to interfere				

Station	Depth	Color	(1-4) Moist	May 2 nd 1971 Slope	Bag
2875	Description				
2870W	35cm	orange brown	2	20°	10TMS 30
975E	a lot of rocks in soil - heavy rocks looks like epidote and diorite				
2870W	23cm	orange brown	2	20°	10TMS 31
6702E	a heavier rock layer around 25cm deep				
2870W	50cm	light orange brown	2	25°	10TMS 32
6775E	slight B level visible - it has a sandy texture				
2870W	40cm	orange brown	2	15°	10TMS 33
6750E	small fragments of a green rock - two small to tall but looks like epidote				
2870W	37cm	orange brown	2	10°	10TMS 34
6775E	small pebbles in soil, moisture made like a 3. Saw a green rock - a good soil sample				
2870W	55cm	orange brown	2	10°	10TMS 35
7700E	a white layer between 20 and 30 cm deep so dig till find B level. good sample				

28100N	47cm	barely orange brown	3	← 10° IDTMS36
7+78E	a lot of pebbles - some direct or epidote? could not tell.			
28100N	32cm	orange brown	3	5° IDTMS37
7+78E	quite a few pebbles, but not that much. Saw a green rock (small)			
28100N	35cm	deep orange brown	2	20° IDTMS38
7+78E	hard to find B level. A few rocks. Right next to a trap.			
28100N	40cm	orange brown	2	10° IDTMS39
8+78E	a good sample - 3m east from stake			
28100N	38cm	orange brown	2	15° IDTMS40
8+78E	a good sample			
28100N	40cm	orange brown	2	20° IDTMS41
8+78E	slope is facing East grid direct. a few pebbles. Heavy deadwood layer.			

2870W 36cm brown 3 30° 10TMS42

87SE hard to find B horiz. Too much roots to tell exactly. Too much fallen debris here has accumulated. soil like sand.

2870W 34cm orange brown 2 25° 10TMS43

940E 3m east of stake. A good sample.

2670W 35cm orange brown 2 5° 10TMS44

57SE 2m from stake right off of road. A lot of stone fragments. Large stones near side of road.

2670W 37cm orange brown 2 10° 10TMS45

57SE soil is like sand. A lot of small fragments. A lot of burning here.

2670W 40cm orange brown 3 15° 10TMS46

570E a lot of rock fragments. A good sample though.

2670W 40cm orange brown 3 15° 10TMS47

477SE a few pebbles. A lot of charcoal permeates the soil here.

26ton	30cm	light orange brown	2	25° 10TMS548
4+5SE		a hard sample. A lot of rocks.		
		I might not have gotten enough soil.		
26ton	35cm	orange brown	3	10° 10TMS549
4+7SE		a few rocks, no large ones imbedded in hole.		
26ton	25cm	orange brown	2	10° 10TMS550
4+0SE		a lot of rocks.		
26ton	35cm	orange brown	2	0° 10TMS551
3+7SE		a lot of large rocks in the soil.		
26ton	35cm	orange brown	2	15° 10TMS552
3+0SE		a good sample, easy to get.		
26ton	35cm	orange brown	2	18° 10TMS553
5+7SE		a lot of rocks in soil. May be some ashes from burnt wood.		
		Hard to get sample.		

26toan 36cm orange brown 3 10° 10TM554

6toae a lot of charcoal permeates the soil.

26toan 30cm orange brown 2 10° 10TM555

6+25E a good sample / easy to get.

26toan 34cm slight orange tint 2 10° 10TM556

6+50E B horizon not so distinct, a lot of roots.

26toan 45cm orange brown 3 10° 10TM557

6+75E a good sample.

26toan 42cm slight orange brown 2 15° 10TM558

7toae no problems. 2.5m east of stake

26toan 36cm orange brown 3 15° 10TM559

7+25E good sample. No probs.

26toan 25cm orange brown 2 15° 10TM560

7+50E not a very clear B horizon. I might not have got it properly.

- | | | | | | |
|--------|--|--------------|---|------|----------|
| 26town | 40cm | brown | 3 | 5° | 10TMS561 |
| 847SE | could not see orange, only a beige color that went real deep. | | | | |
| 26town | 30cm | orange brown | 2 | <10° | 10TMS562 |
| 8400E | B horizon was not as orange as hoped. A lot of roots. | | | | |
| 26town | 20cm | orange brown | 2 | 5° | 10TMS563 |
| 847SE | not as deep as I wanted. Too many roots. Hard to even find this spot to dig at. | | | | |
| 26town | 22cm | orange brown | 2 | 5° | 10TMS564 |
| 8450E | not as deep but I'm sure it's B horizon. Quite a few pebbles. I spotted diorite (I think - too small). | | | | |
| 26town | 30cm | orange brown | 3 | <10° | 10TMS565 |
| 847SE | Here it is! The best sample you could ever hope for. | | | | |

26701W 40cm orange brown 3 10° 10TMS56

9701W a great sample! I think I spotted some epidote - amounts too small to be exact.

24701W 55cm brown 2 Plat 10TMS567

8701W I dig but could not find on orange layer. The sample has a lot of small rocks, consistency like sand.

24702W 55cm brown 4 Plat 10TMS568

8702W a lot of m.d. - that's all I saw!

24703W 25cm orange brown 3 Plat 10TMS569

8703W near a road, good sample.

24704W 10cm orange brown 2 Plat 10TMS570

8704W lots of rocks, some diorite

24705W 25cm orange brown 2 Plat 10TMS571

9705W a lot of rocks.

Do not trust 'X' ed samples (1-11) May 27/91

Station	Depth	Color	Moist	Slope	Bag
Description					
18700A	40cm	orange brown	3	20°	10TMS573
6+2SE	some pebbles in the B horizon.				
18700N	40cm	orange brown	2	15°	10TMS574
6+2SE	quite a few pebbles, one large green rock (1.5 in across)				
X 18700N	30cm	brown	2	45°	10TMS575
577SE	so many rocks, diorite, could not distinguish B horizon				
18700N	38cm	orange brown	3	45°	10TMS576
5750E	a ton of pebbles, could not pick them all out. Large rocks too.				
18700N	36cm	slight orange brown	3	45°	10TMS577
572SE	a lot of rocks, pebbles. An outcrop 4m north and south of hole.				

18702W 35cm brown 2 15° 107M5578

X 5702E heavy rocks fill the ground
had to dig up large rocks!
no B horizon seen, when
split, rocks look green, but grainy.

18702W 36cm orange brown 2 10° 107M5579

4175E some rocks. In B horizon only.

18702W 23cm slight orange brown 2 45° 107M5580

4152E large rocks in the soil.
Some A horizon might be in sample

18702W 20cm orange brown 2 Plat 107M5581

4175E rocks, roots in soil.

18702W 20cm orange brown 2 45° 107M5582

4175E larger rocks in soil. By a rock

18702W 30cm orange brown 2 50° 107M5583

3175E a perfect sample

1870NW 33cm ^{orange} beige 2 5° 10TMS584

3450E B horizon is not as brown orange as it normally is. More sandy texture.

1870NW 32cm ^{brown} mid 4 5° 10TMS585

3425E water 35cm below

1870NW 23cm ^{orange} brown 2 5° 10TMS586

3420E good sample

1870NW 30cm ^{orange} brown 2 5° 10TMS587

2475E good sample

1870NW 33cm ^{orange} beige 2 5° 10TMS588

2450E soil like sand.

1870W 28cm ^{orange} brown 2 20° 10TMS589

2475E a good sample.

X 1870W 28cm brown 2 20° 10TMS590

2400E ^{by road} soil like sand, no B horizon seen

1870W 36cm ^{slight orange} brown 3 25° 10TMS591

1475E B horizon not so distinct

18700W 40cm brown 2 30° 10TMS592
1450E B horizon not orange but B
can see it.

18700W 30cm orange brown 2 25° 10TMS593
1175E a good sample

18720W — orange brown 2 50° 10TMS594
1400E sample taken from exposed soil.
Area too steep, too much rock in
soil to dig.

18700W 8cm brown 2 45° 10TMS595
0250E on a trap, a lot of humus.
Sample might not be good
rock 10cm deep, all rock.

18700W 35cm orange brown 2 10° 10TMS596
0250E a fair bit of roots in B level
(thin roots) - OK sample.

18700W 30cm orange brown 2 ~10° 10TMS597
0250E good sample. Distinct B
horizon.

1870W 28cm orange brown 2 ~53 10TMS599

○ 0700E a good sample. Good B horizon
Top of mantain

1870W 30cm slight orange brown 2 10° 10TMS599

6750E OK sample, a few pebbles

1870W 30cm orange brown 2 10° 10TMS600

675E a good sample but quite a few
small pebbles went into sample

1870W 29cm orange brown 2 5° 10TMS601

770E good sample

1870W 30cm orange brown 2 5° 10TMS602

○ 7725E a good sample

1870W 32cm orange brown 2 5° 10TMS603

○ 7750E a good sample

1870W 30cm orange brown 2 flat 10TMS604

○ 775E a lot of rocks! B horizon just
barely visible

18700W	33cm	orange brown	2	Plot 10TMS605
8700E	a good sample.			
18700W	40cm	slight orange brown	2	5° 10TMS606
8725E				
18700W	30cm	hinge of orange in brown	2	Plot 10TMS607
8750E	B horizon not so distinct here.			
18700W	30cm	orange brown	2	5° 10TMS608
8775E	good sample. A lot of little roots permeate soil			
18700W	40cm	bright orange brown	2	5° 10TMS609
9700E	a great sample.			
16700W	30cm	warm brown	2	10° 10TMS610
6725E	on a bank on side of road.			
16700W	37cm	orange brown	2	15° 10TMS611
6750E	pretty good sample. rock pile a bit west from here			

16toan	30cm	orange brown	2	5° 10TMS612
6+7SE		a good sample		
16toan	30cm	orange brown	2	5° 10TMS613
9+10SE		a good sample		
16toan	40cm	trace of orange in brown	2	30° 10TMS614
7+2SE		B horizon hard to find. A lot of branches		
16toan	35cm	orange brown	2	5° 10TMS615
7+5SE				
16toan	35cm	orange brown	4	5° 10TMS616
7+7SE	1m	from a stream		
16toan	30cm	orange brown	2	Plot 10TMS617
8+10SE		good sample		
16toan	30cm	orange/ dark brown	4	Plot 10TMS618
8+2SE		in a marsh		
16toan	35cm	light orange beige	3	Plot 10TMS619
8+5SE		B horizon not too distinct		

16 total	30cm	orange brown	3	ES	1PMS620
9705	<				

16 total	32cm	orange brown	2	5 ^u	1DTMS621
9705	near a road, good sample.				

May 28 191

Station Depth Color Moist Slope Bay

Descriptor

16702W 38cm slight orange brown 2 10° 107M5622

3450E

16702W 30cm brown with bits of orange 2 2 10° 107M5623

3475E Could not see a distinct B horizon

16702W 32cm orangeish brown 2 10° 107M5624

4490E ok sample

16702W 32cm orange brown 2 10° 107M5625

4478E ok sample

16702W 32cm orange brown 2 15° 107M5626

4450E ok sample

16702W 38cm brown 3 5° 107M5627

4479E no visible B horizon.

16702W 20cm brown 2 15° 107M5628

5700E a lot of rocks. Appears to be same calciprite in them.

May 28 1991

Station	Depth	Color	(1-4) Moist	Slope	Bay
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Descriptor

16102W	38cm	slight orange brown	2	10°	10TH 5622
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3+50E

16102W	30cm	brown with bits of orange	2	2 10°	10TH 5623
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3+75E Could not see a distinct B horizon

16102W	32cm	orangeish brown	2	10°	10TH 5624
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4+10E ok sample

16102W	32cm	orange brown	2	10°	10TH 5625
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4+28E ok sample

16102W	32cm	orange brown	2	15°	10TH 5626
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4+50E ok sample

16102W	38cm	brown	3	5°	10TH 5627
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4+79E no visible B horizon.

16102W	20cm	brown	2	15°	10TH 5628
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5+00E a lot of rocks. Appears to be same calciprite in them.

16700W	36cm	reddish brown	4	25° 10TMS679
577SE	B horizon is deeper red color			
16700W	36cm	orange brown	2	38° 10TMS680
577SE				
16700W	24cm	slight orange brown	3	30° 10TMS631
577SE	parallel to a gully slope (gray rock) sides in soil.			
16700W	45cm	barely orange brown	2	19° 10TMS632
6700E	a lot of rocks in soil. Running along a small gully with rocks			
16700W	30cm	slight orange in light brown	2	5° 10TMS633
3725E	B horizon not so visible			
16700W	46cm	hoops with strips of orange	2	5° 10TMS634
3700E	like sand. B horizon hard to see			
16700W	28cm	orange brown	2	5° 10TMS635
247SE	a good sample			

16100W 32cm orange brown 2 S 1017M5636

2150E good sample.

16100W 35cm orange brown 4 18 1017M5637

2175E water at 40cm deep.

16100W 36cm orange brown 3 20 1017M5638

2100E good sample.

16100W 30cm light brown 2 10 1017M5639

1175E B horizon was not orange enough to be called orange.

16100W 34cm slight orange brown 2 15 1017M5640

1150E B horizon not so orange, but there.

16100W 32cm slight orange brown 2 30 1017M5641

1125E OK sample. Lots of pebbles.

16100W 25cm brown 3/4 45 1017M5642

1100E a lot of rocks in soil. Hard to get to any horizon.

1670W	38cm	orange brown	3	5°	107MS643
017SE	a lot of charcoal, even in deep.				
1670W	16cm	orange brown	2	50°	107MS644
0150E	a lot of pebbles. May not be enough soil for a sample				
1670W	12cm	dark orange brown	2	25°	107MS645
017SE	all rock surface, on a heap outcrop covered by a thin layer of dirt and humus.				
1670W	18cm	dark brown	2	30°	107MS646
018E	a lot of rocks in soil, at an outcrop.				
1670W					
1670W	38cm	slight orange brown	3	10°	107MS647
3+7SE	OK sample.				
14700W	37cm	orange brown	3	5°	107MS648
3+50E	OK sample				
14700W	30cm	orange brown	2	10°	107MS649
3+2SE	Good sample.				

14700N	20cm	orange brown	2	15°	10TM5650
13700E	near a	road.			
14700N	32cm	orange brown	2	20°	10TM5651
12475E	good	sample			
14700N	24cm	orange brown	2	20°	10TM5652
12450E	good	sample.			
14700N	32cm	orange brown	2	20°	10TM5653
12475E	good	sample.			
14700N	35cm	greyish brown	2	30°	10TM5654
2400E	near a	heap of crop			
14700N	35cm	dark brown	2	50°	10TM5655
11750E	a lot of	rocks below an outcrop.			
14700N	25cm	brown	2	10° west	10TM5656
11500E	a lot of	rocks.			
14700N	36cm	barely orange brown	2	35°	10TM5657
11750E	quite a	few pebbles.			

14700N	38cm	orange brown	2	30°	10TMS658
1470E		good sample			Below outcrop
14700N	28cm	orange brown	2		flat 10TMS659
0475E		good sample			
14700N	20cm	orange brown	2	10° south	10TMS660
0475E		β horizon came early this time			
14700N	24cm	orange brown	2	15°	10TMS661
0475E		quite a few pebbles			
14700N	24cm	orange brown	2	20°	10TMS662
0475E		OK sample			
14700N	32cm	orange brown	2	15°	10TMS663 ¹²
0475E		OK sample			
14700N	30cm	orange brown	2	15°	10TMS664
0475E		a large white layer above 25cm			

1410001-24

slight
orange
brown

2

10° 107MSL
665

4545

May 31/91

22100N	20cm	light greyish brown	4	10 ⁰ 10TM5800
○ 1450E	so much mud and rocks its hard to tell where I'm digging.			
○ 22100N	32cm	orange brown	2	Plot 10TM5801
1475E	good sample.			
○ 22100N	30cm	orange brown	2	5 ⁰ 10TM5802
2100E	good sample.			
22100N	30cm	orange brown	2	Plot 10TM5803
2425E	near a road. A lot of rocks (sand (green))			
22100N	20cm	orange brown	2	Plot 10TM5804
2450E	along the road. A lot of pebbles			
○ 22100N	25cm	orange light brown	4	Plot 10TM5805
2475E	on a road. A lot of pebbles			
○ 22100N	25cm	slight orange light brown	4	Plot 10TM5806
3100E	right on road. Tons of pebbles			
○	Might not be enough ^{soil} for a good sample?			

22ton	30cm	reddish brown	2	5'	10TM5807
342SE	on a bank. Near a tranchod area A few pebbles in soil.				
22ton	—	reddish brown	3	Flat	10TM5808
3750E	soil from tranchod sight. Soil could have come up from as far as 5m deep. Some malachite and azurite found near.				
14ton	30cm	orange brown	3	20'	10TM5809
475E	good sample.				
14ton	30cm	he ice with streaks of orange	3	15'	10TM5810
5700E	B horizon not visible.				
14ton	—	orange brown	4	5'	10TM5811
575E	in a tranchod area. Could be as deep as 3m. Tranchod for diorite				
14ton	25cm	heavily orange brown	3	10'	10TM5812
5750E	could be digging in tranchod soil Lots of pebbles.				

14TOW	30cm	orange brown	3	0° 10TMS813
5+7SE		right before it drops down, by a boulder.		
14TOW	20cm	orange brown	2	5° 10TMS814
6TOW		right before road, good sample		
14TOW	30cm	orange brown	2	30° 10TMS815
6+7SE				
14TOW	25cm	sort of orange brown	2	10° 10TMS816
6+7SE		near a stream in a little gully.		
14TOW	30cm	yellowish orange	2	10° 10TMS817
6+7SE		weird colored soil - yellow!		
14TOW	34cm	neige with orange strakes	2	5° 10TMS818
7TOW		OK sample. Lots of hard in soil, including ashes, even deep.		
14TOW	30cm	reddish brown	2	5° 10TMS819
7+7SE		OK sample.		

1440W	30cm	orange brown	2	5° 10TM5820
745E	good	sample		
1440W	25cm	orange brown	2	5° 10TM5821
745E	good	sample		
1440W	30cm	orange brown	2	38° 10TM5822
800E	good	sample		
1440W	23cm	orange brown	2	25° 10TM5823
845E	good	sample		
1440W	25cm	orange brown	2	25° 10TM5824
845E	good	sample		
1440W	22cm	orange brown	2	20° 10TM5825
845E				
1440W	28cm	orange brown	2	20° 10TM5826
940E				

Wild Kas

May 1991

9150W	30cm	orange brown	2	30° 10WRS013
5775N				

9150W	35cm	brown	2	10° 10WRS014
5750N	on a path, lots of rocks.			

9150W	25cm	orange brown	2	35° 10WRS015
5725N				

9150W	25cm	orange brown	2	40° 10WRS016
5700N				

9150W	22cm	red/ orange brown	3	30° 10WRS017
4775N				

9150W	28cm	orange brown	2	25° 10WRS018
4750N				

9150W	18cm	orange brown	2	25° 10WRS019
4725N	lots of rocks			

9150W	20cm	orange brown	2	15° 10WRS020
4700N	lots of rocks in soil			

ENTERED

Station	Depth	Color	Moist	Slope	Bag
				May 29/91	
			(1-4)		
9+50W	32cm	orange brown	2	10°	1DWR5000
7+75N		rocks!			
9+50W	34cm	orange brown	2	5°	1DWR5004
8+00W		a lot of rocks - saw traces of green rocks			
9+50W	22cm	slight orange brown	2	10°	1DWR5002
8+75N		too many rocks to get deep core at top			
9+50W	30cm	orange brown	2	10°	1DWR5003
8+50W		good sample.			
9+50W	30cm	orange brown	2	5°	1DWR5004
8+75N		near road. Good sample.			
9+50W	30cm	orange brown	2	15°	1DWR5005
9+00W		good sample			

9+5W	32cm	orange brown	2	10° 10W R 5006
7+5W		gold sample		9006
9+5W	20cm	orange brown	2	20° 10W R 5007
7+5W		OK sample, Baldasarande exterior west of here		
9+5W	20cm	orange brown	2	25° 10W R 5008
7+5W				
9+5W	25cm	orange brown	2	20° 10W R 5008 5009
6+5W				
9+5W	25cm	wang brown	2	20° 10W R 5010
6+5W				
9+5W	20cm	orange brown	2	Plot NW R 5011
6+5W		on a rock		
9+5W	20cm	orange brown	2	25° 10W R 5012
6+5W		a lot of rocks		