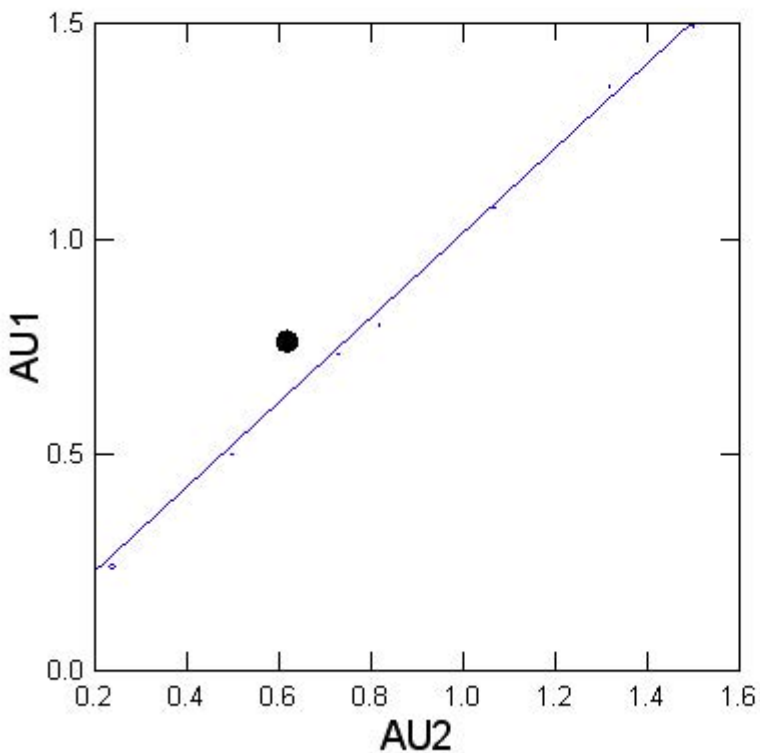
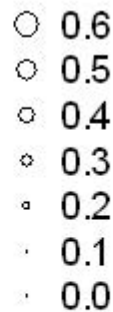
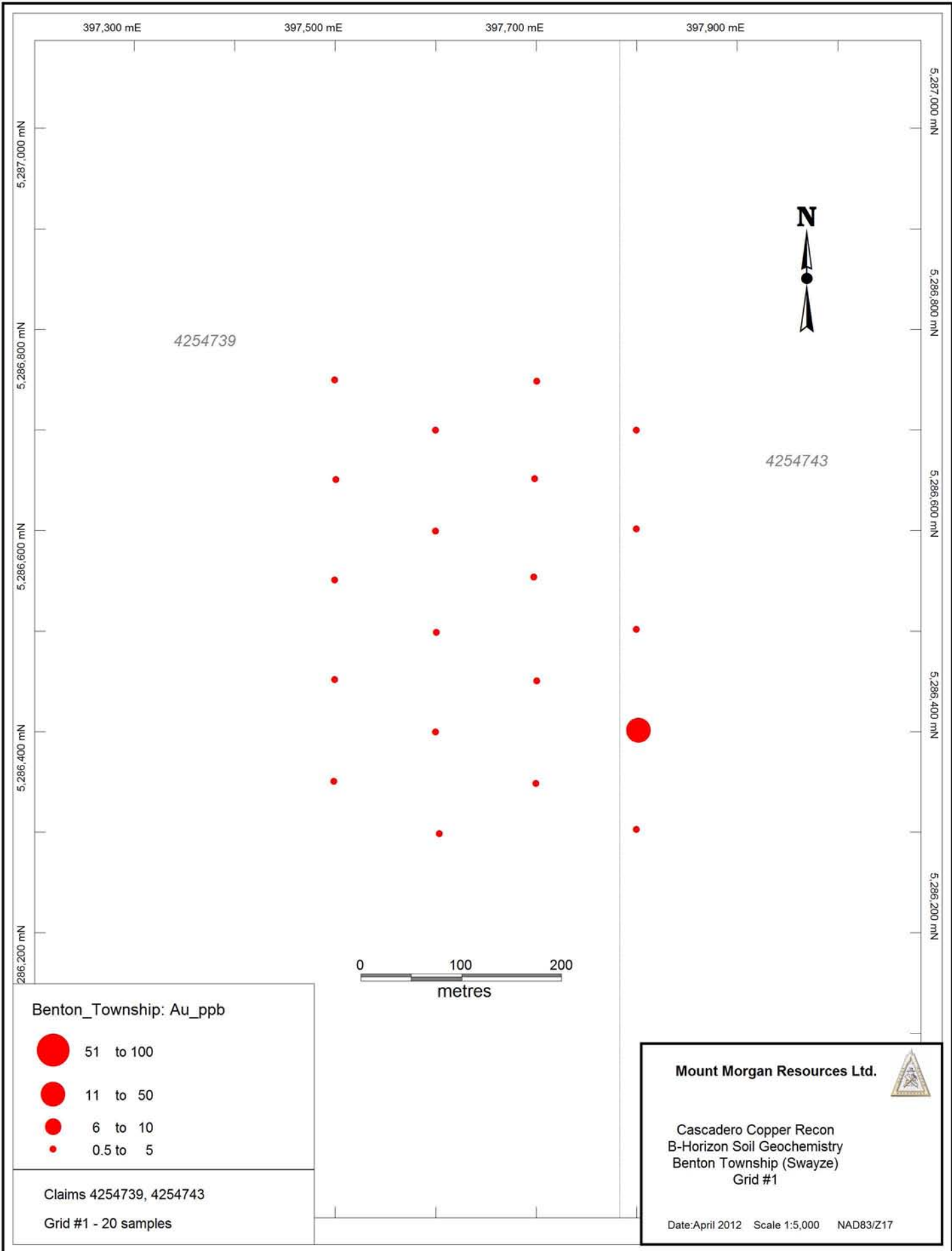


Outliers and Influence

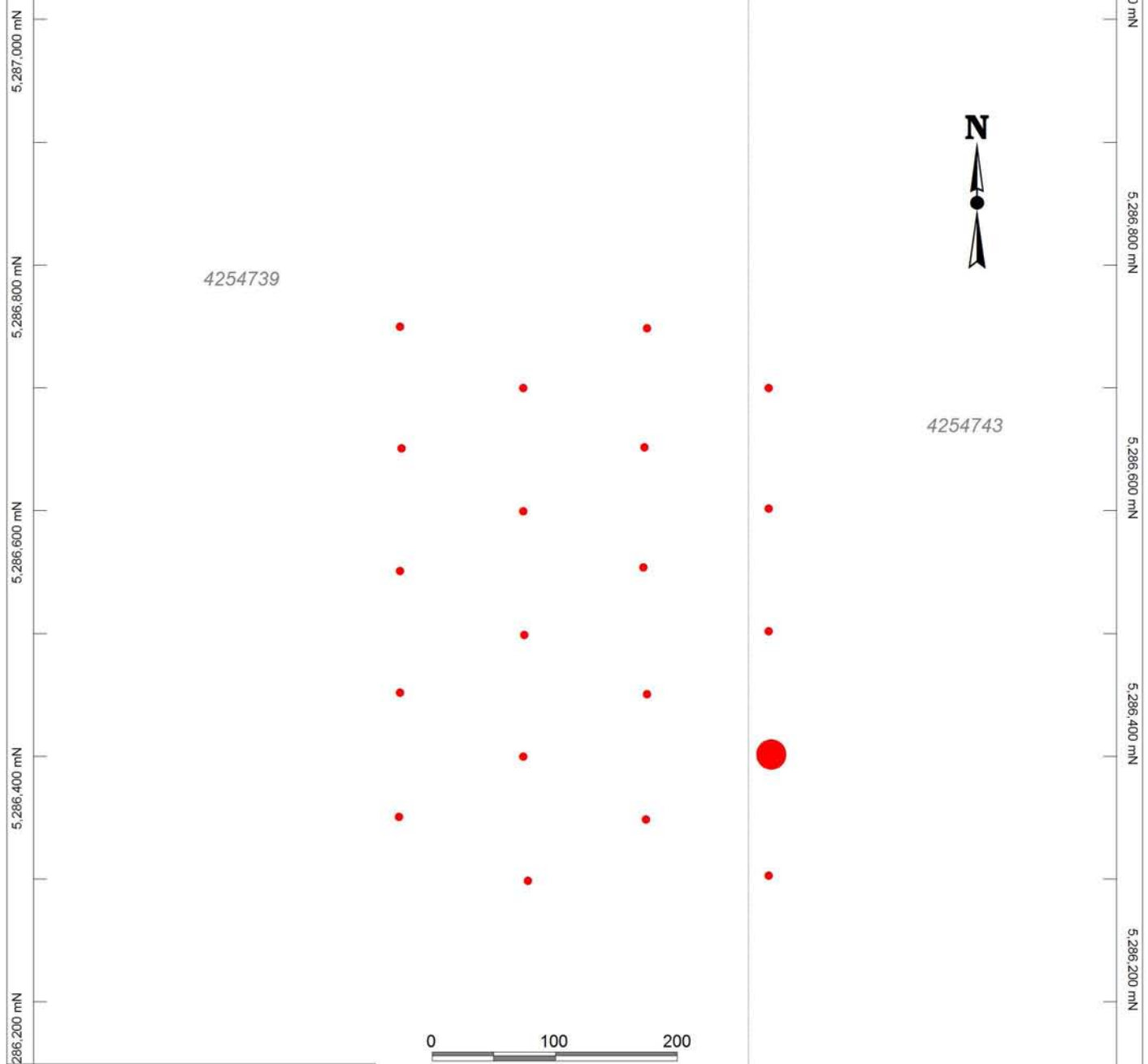


Cook's Distance









397,300 mE 397,500 mE 397,700 mE 397,900 mE



4254739

4254743

Benton_Township: Au_ppb

-  51 to 100
-  11 to 50
-  6 to 10
-  0.5 to 5

Claims 4254739, 4254743

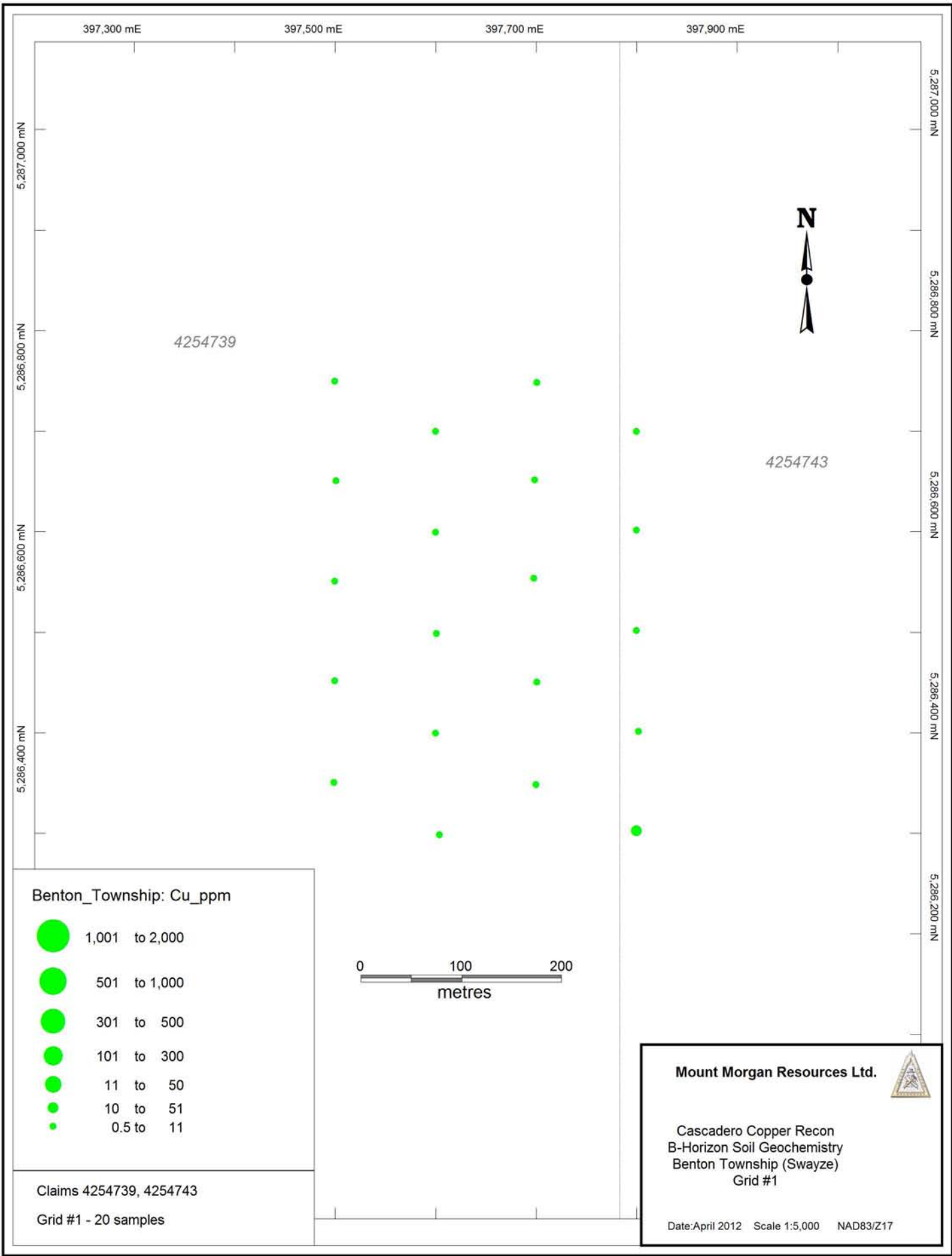
Grid #1 - 20 samples

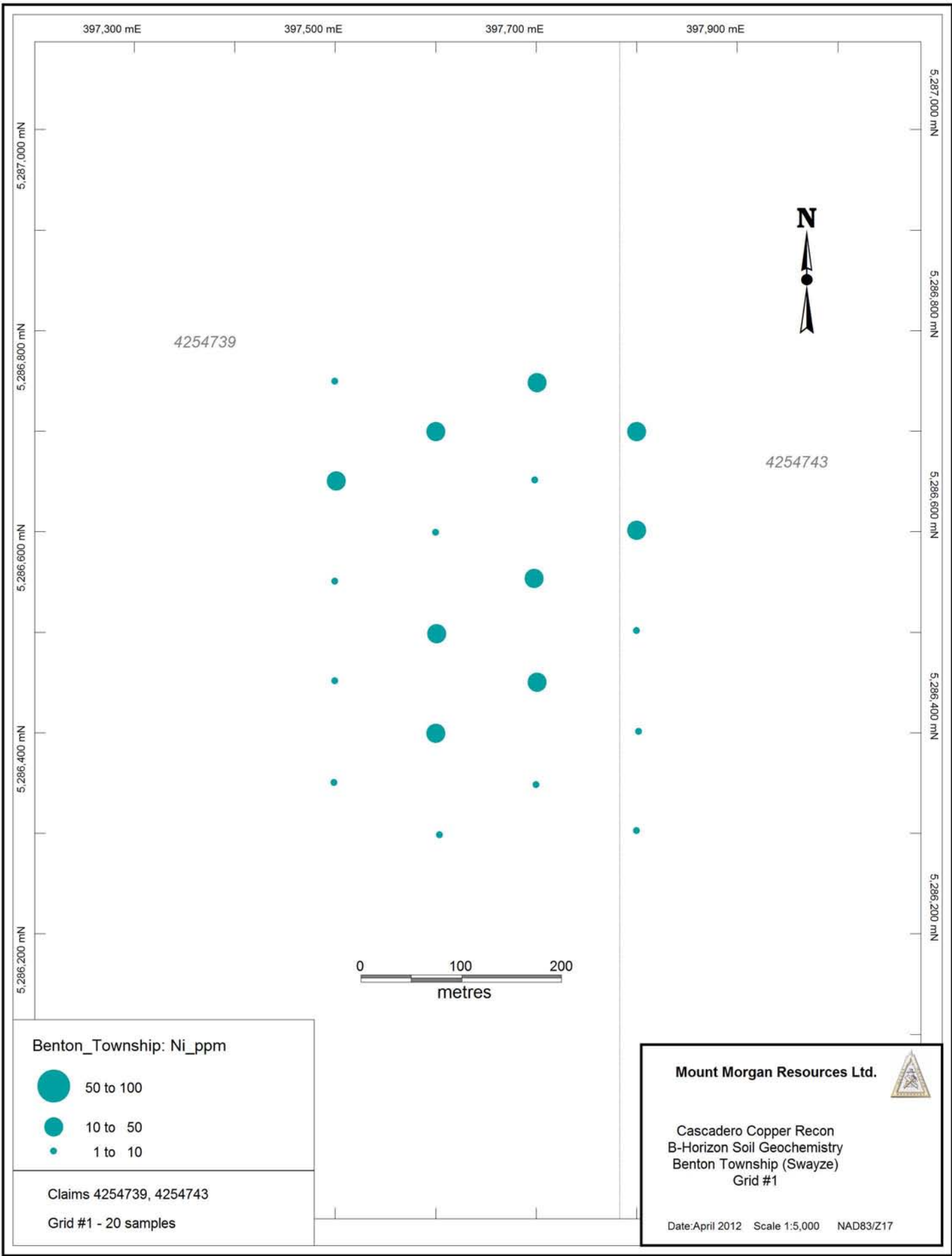
Mount Morgan Resources Ltd.



Cascadero Copper Recon
 B-Horizon Soil Geochemistry
 Benton Township (Swayze)
 Grid #1

Date: April 2012 Scale 1:5,000 NAD83/Z17





397,300 mE

397,500 mE

397,700 mE

397,900 mE

5,287,000 mN

5,286,800 mN

5,286,600 mN

5,286,400 mN

5,286,200 mN

5,287,000 mN

5,286,800 mN

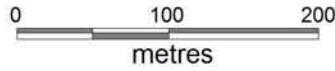
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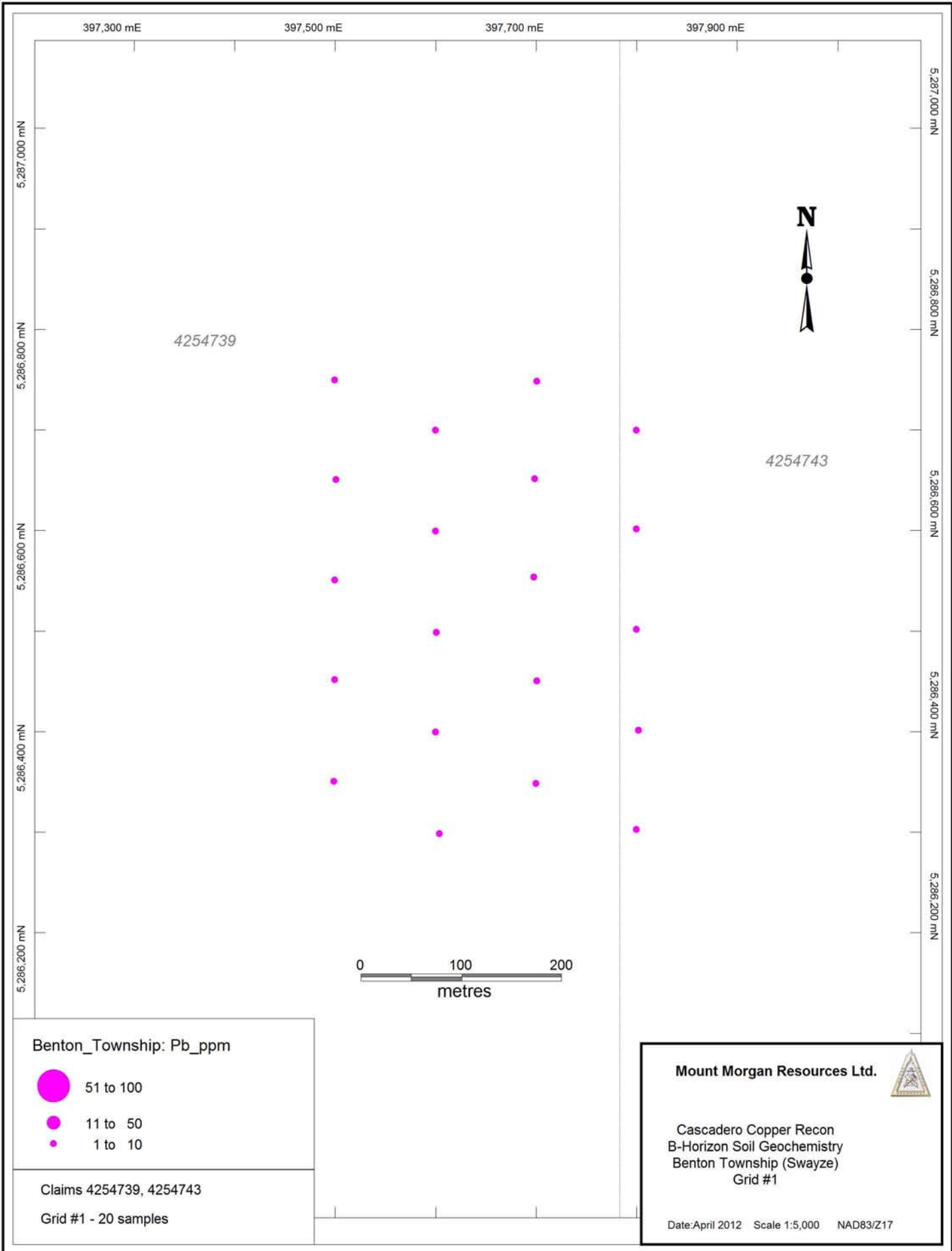
5,286,400 mN

5,286,200 mN

4254739

4254743





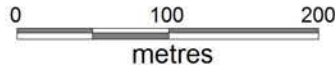
397,300 mE 397,500 mE 397,700 mE 397,900 mE

5,287,000 mN
5,286,800 mN
5,286,600 mN
5,286,400 mN
5,286,200 mN

5,287,000 mN
5,286,800 mN
5,286,600 mN
5,286,400 mN
5,286,200 mN

4254739

4254743



Benton_Township: Pb_ppm

- 51 to 100
- 11 to 50
- 1 to 10

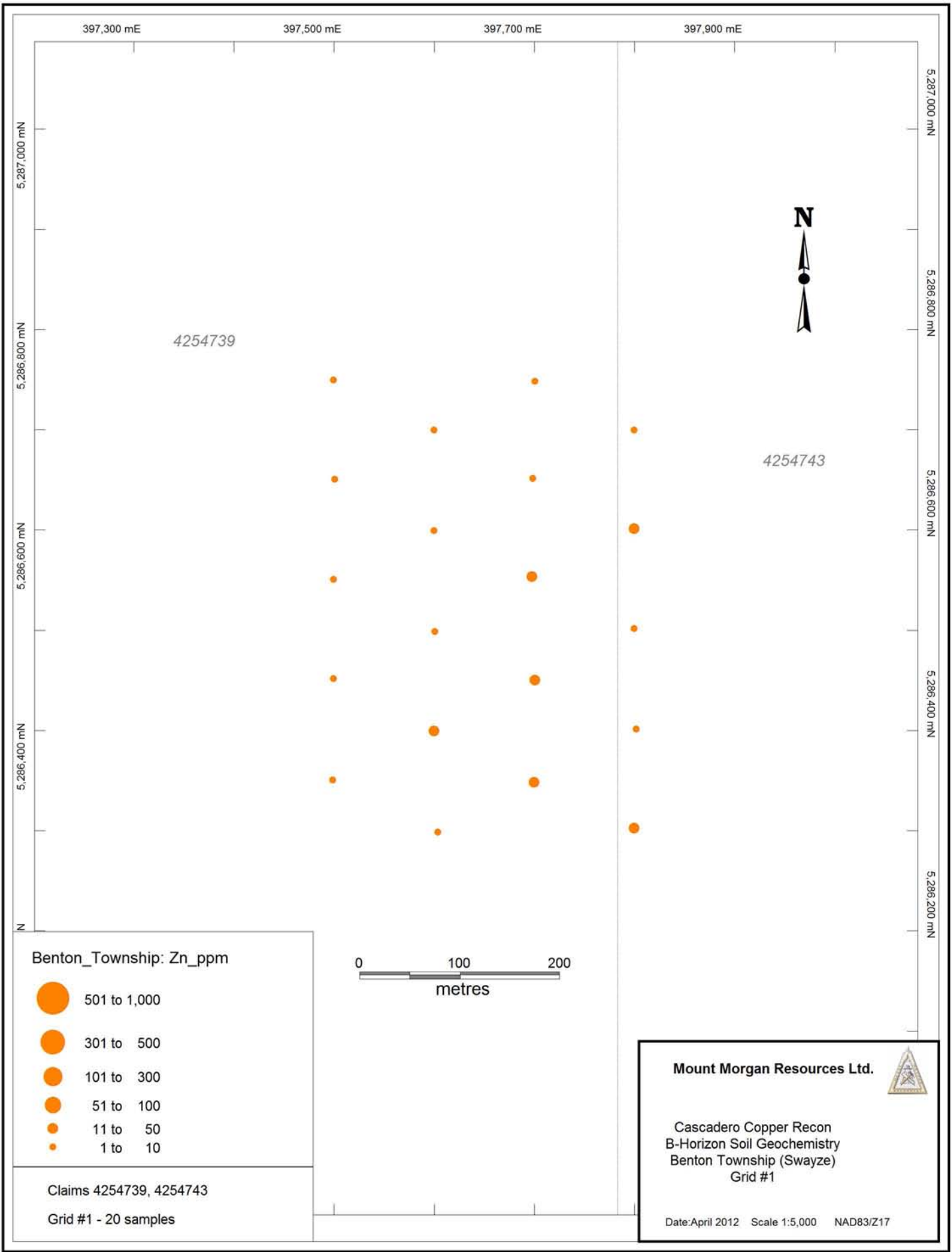
Claims 4254739, 4254743
Grid #1 - 20 samples

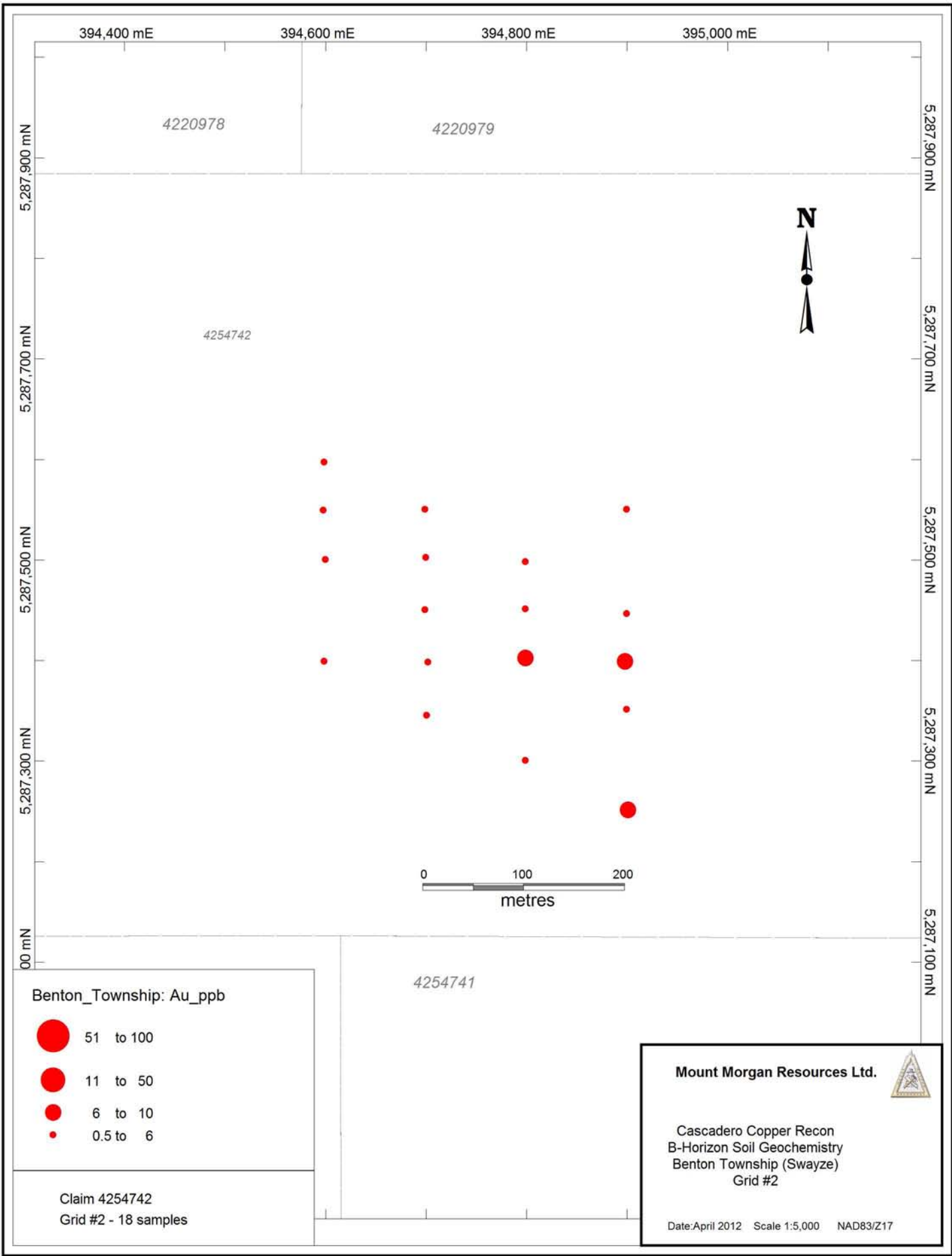
Mount Morgan Resources Ltd.

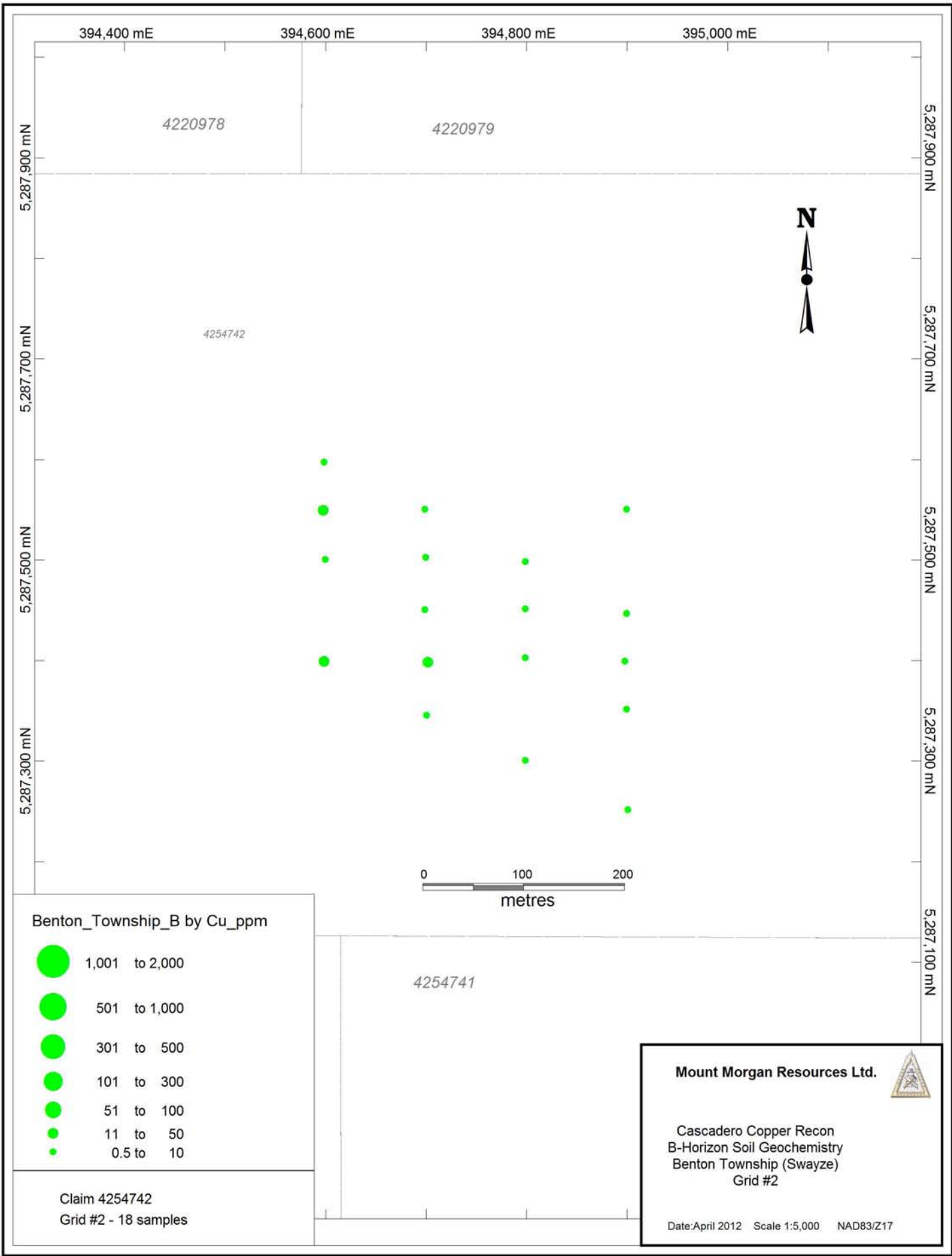


Cascadero Copper Recon
B-Horizon Soil Geochemistry
Benton Township (Swayze)
Grid #1








Date: April 2012 Scale 1:5,000 NAD83/Z17







Benton_Township_B by Cu_ppm

-  1,001 to 2,000
-  501 to 1,000
-  301 to 500
-  101 to 300
-  51 to 100
-  11 to 50
-  0.5 to 10

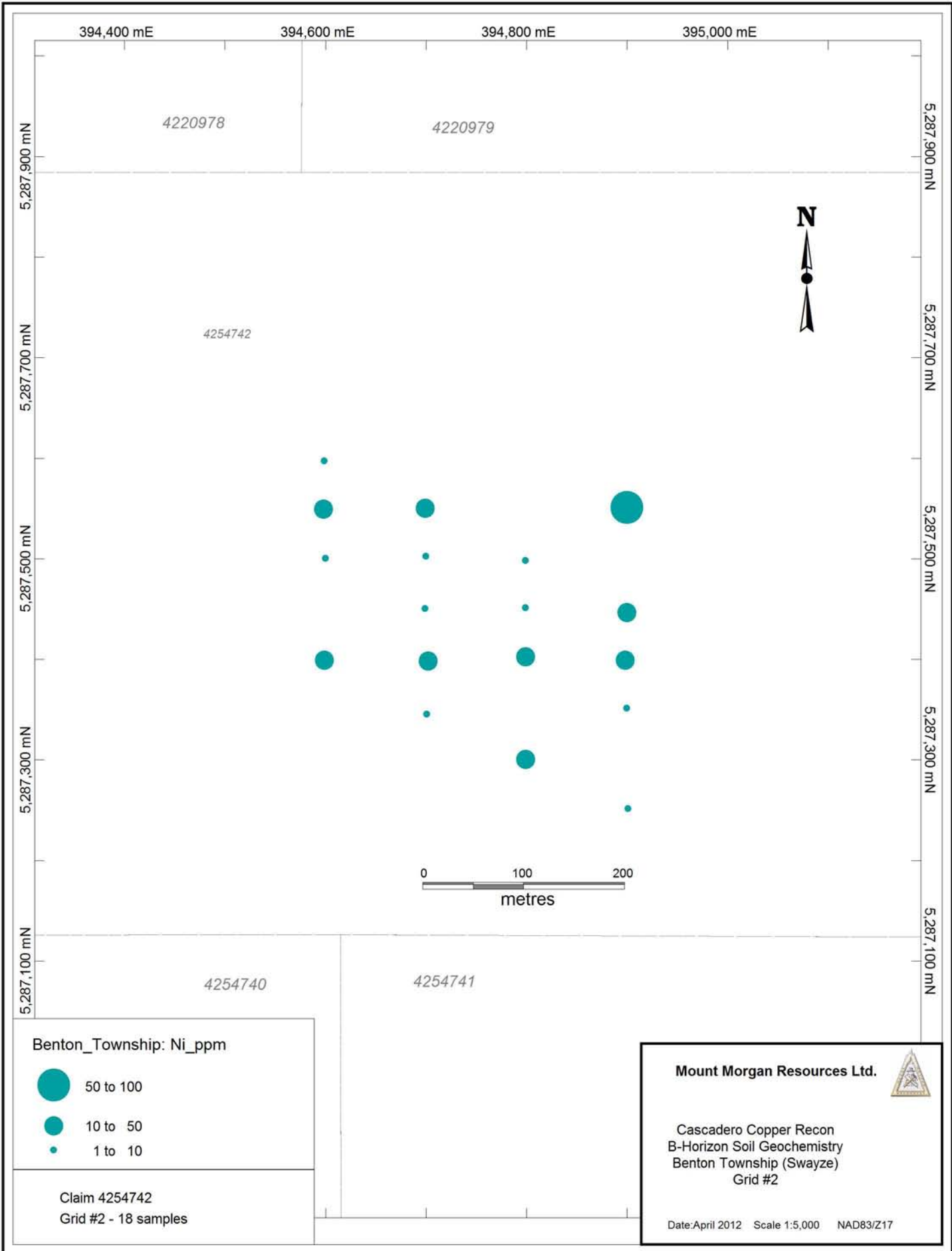
Claim 4254742
Grid #2 - 18 samples

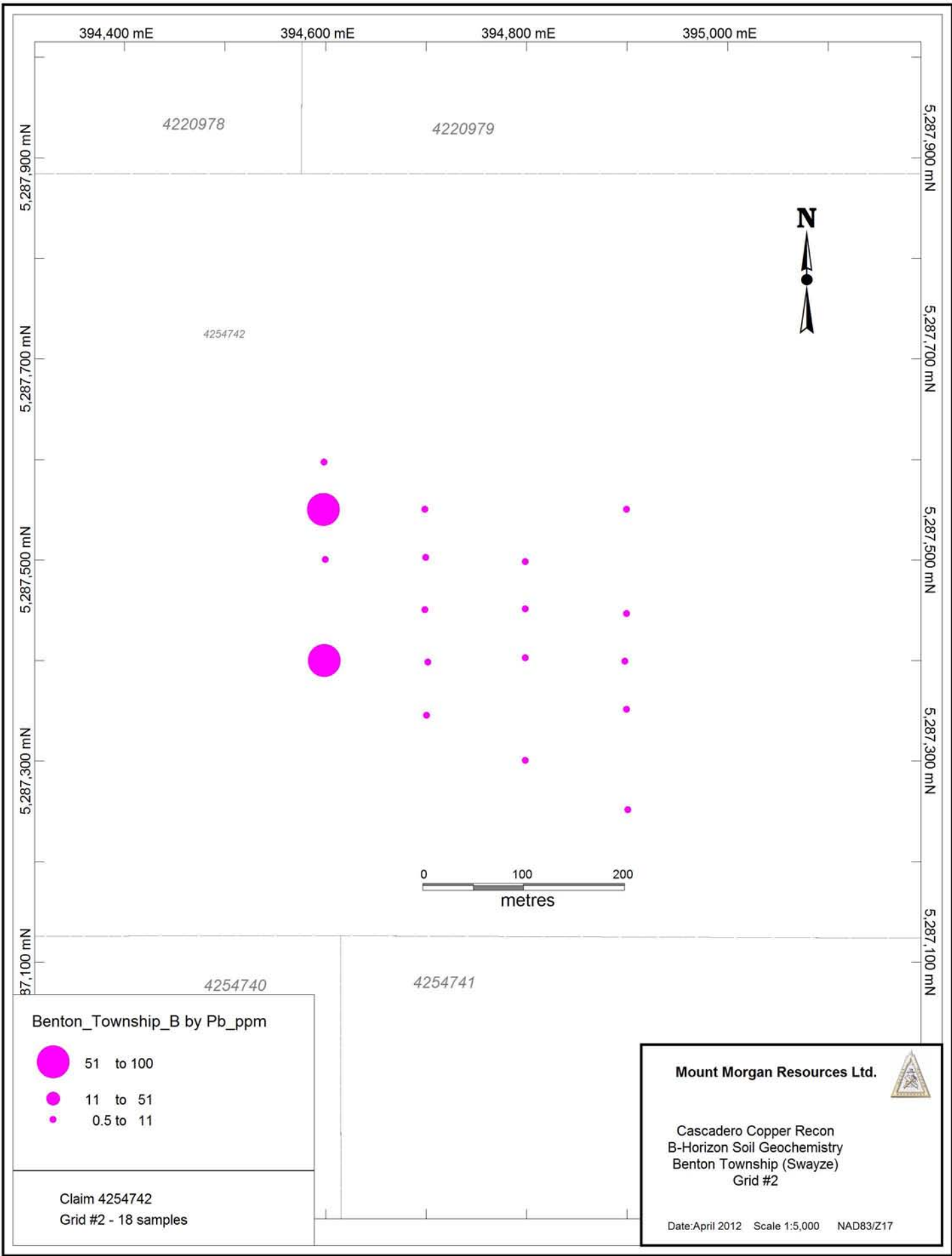
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Cascadero Copper Recon
B-Horizon Soil Geochemistry
Benton Township (Swayze)
Grid #2

Date: April 2012 Scale 1:5,000 NAD83/Z17





394,400 mE 394,600 mE 394,800 mE 395,000 mE

4220978

4220979

5,287,900 mN

5,287,900 mN

5,287,700 mN

5,287,700 mN

4254742

5,287,500 mN

5,287,500 mN

5,287,300 mN

5,287,300 mN

0 100 200
metres

5,287,100 mN

5,287,100 mN

4254740

4254741

Benton_Township_B by Pb_ppm

- 51 to 100
- 11 to 51
- 0.5 to 11

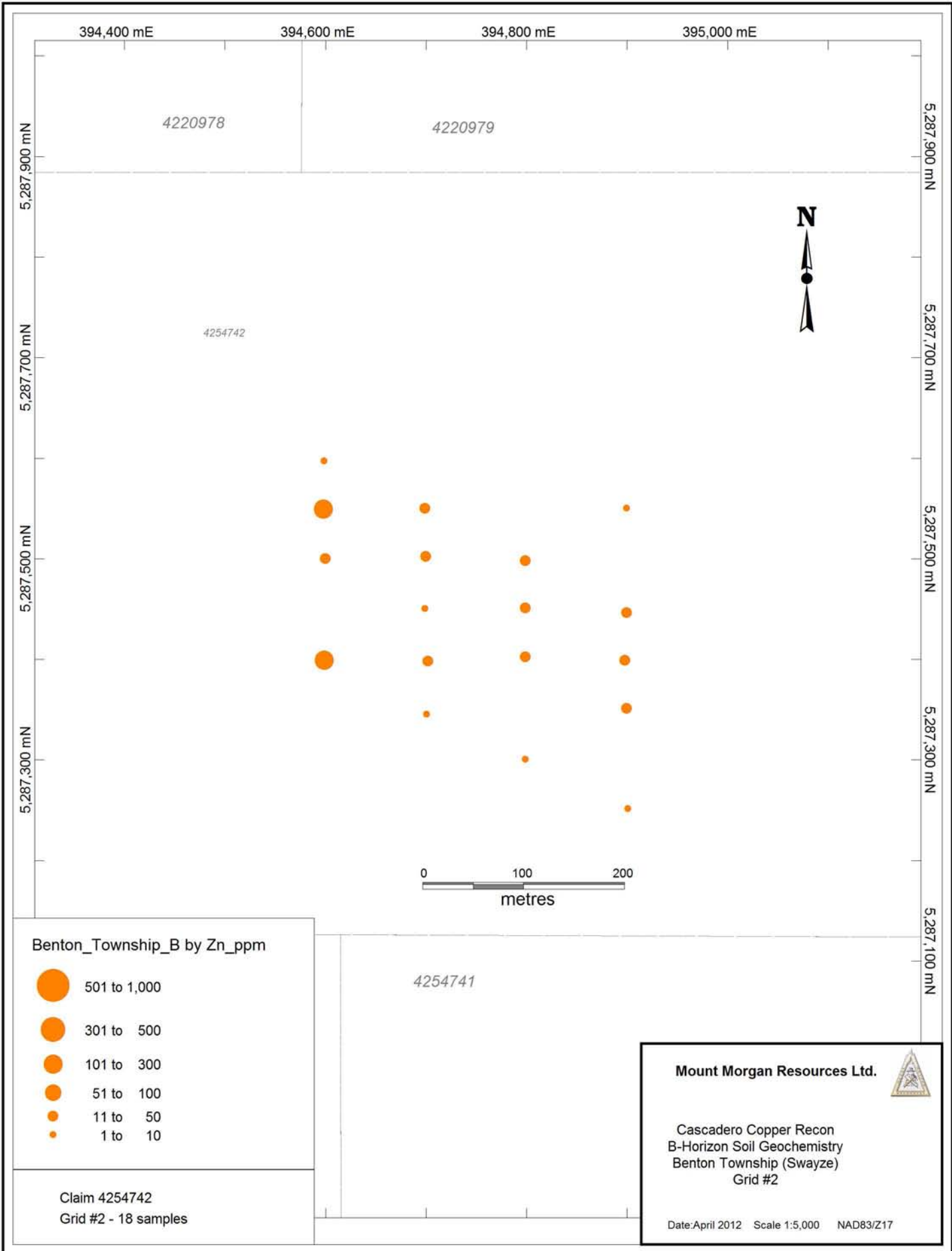
Claim 4254742
Grid #2 - 18 samples

Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Benton Township (Swayze)
Grid #2

Date: April 2012 Scale 1:5,000 NAD83/Z17



394,400 mE 394,600 mE 394,800 mE 395,000 mE

5,287,900 mN 4220978 4220979 5,287,900 mN

5,287,700 mN 4254742 5,287,700 mN

5,287,500 mN 5,287,500 mN







5,287,300 mN 5,287,300 mN

5,287,100 mN 4254741 5,287,100 mN

0 100 200
metres



Benton_Township_B by Zn_ppm

-  501 to 1,000
-  301 to 500
-  101 to 300
-  51 to 100
-  11 to 50
-  1 to 10

Claim 4254742
Grid #2 - 18 samples

Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Benton Township (Swayze)
Grid #2

Date: April 2012 Scale 1:5,000 NAD83/Z17

NAD 1983 - UTM ZONE 17U

Waypoint	UTM - E	UTM - N	Elev.
ED-1	389825	5265227	425
ED-10	390425	5264923	422
ED-11	390425	5264823	428
ED-12	390424	5264724	422
ED-13	390425	5264625	425
ED-15	390224	5264625	425
ED-16	390124	5264626	428
ED-17	390024	5264628	432
ED-18	389924	5264628	430
ED-19	389823	5264627	426
ED-2	389925	5265227	424
ED-20	389822	5264728	425
ED-21	389824	5264828	426
ED-22	389825	5264929	422
ED-23	389823	5265029	422
ED-24	389824	5265127	419
ED-3	390025	5265227	422
ED-4	390125	5265225	422
ED-5	390227	5265225	426
ED-6	390296	5265216	422
ED-7	390423	5265221	427
ED-8	390425	5265126	427
ED-9	390424	5265024	424
ES-1	393156	5272406	405
ES-10	393458	5272005	402
ES-11	393356	5272006	400
ES-12	393258	5272007	400
ES-13	393157	5272009	396
ES-14	393160	5272111	400
ES-15	393156	5272208	401
ES-16	393156	5272306	402
ES-17	393690	5272898	420
ES-18	393773	5272917	389
ES-19	393880	5272903	410
ES-2	393258	5272406	401
ES-20	393981	5272905	392
ES-21	394080	5272905	391
ES-22	394080	5272807	391
ES-23	394080	5272710	389
ES-24	394081	5272607	391
ES-25	394081	5272505	391
ES-26	393981	5272507	391
ES-27	393882	5272507	391
ES-28	393781	5272509	407
ES-29	393680	5272505	428
ES-3	393356	5272406	398
ES-30	393680	5272610	419
ES-31	393680	5272707	403

ES-32	393681	5272806	407
ES-4	393458	5272407	412
ES-5	393557	5272406	425
ES-6	393559	5272307	416
ES-7	393559	5272206	409
ES-8	393558	5272109	409
ES-9	393559	5272006	408
F1-1	404591	5268603	414
F1-10	404891	5268204	400
F1-11	404792	5268204	412
F1-12	404694	5268203	420
F1-13	404593	5268203	429
F1-14	404592	5268303	415
F1-15	404591	5268405	419
F1-16	404591	5268505	413
F1-2	404691	5268604	411
F1-3	404791	5268603	415
F1-4	404893	5268602	421
F1-5	404993	5268602	421
F1-6	404992	5268504	418
F1-7	404993	5268404	419
F1-8	404992	5268304	412
F1-9	404992	5268204	404
F2-1	404540	5267672	417
F2-10	404839	5267273	412
F2-11	404740	5267273	406
F2-12	404640	5267272	415
F2-13	404540	5267273	414
F2-14	404540	5267373	407
F2-15	404541	5267474	414
F2-16	404540	5267574	416
F2-2	404640	5267671	420
F2-3	404741	5267672	411
F2-4	404840	5267671	410
F2-5	404941	5267674	407
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F2-8	404940	5267373	414
F2-9	404940	5267273	413
F3-1	404885	5263510	421
F3-10	405482	5263220	437
F3-11	405483	5263114	438
F3-12	405483	5263007	430
F3-13	405483	5262907	423
F3-14	405381	5262910	422
F3-15	405283	5262909	419
F3-16	405183	5262911	421
F3-17	405084	5262909	417
F3-18	404983	5262910	424
F3-19	404884	5262912	422
F3-2	404985	5263510	422

F3-20	404885	5263013	418
F3-21	404885	5263112	415
F3-22	404885	5263212	420
F3-23	404886	5263311	423
F3-24	404886	5263411	415
F3-3	405085	5263508	418
F3-4	405185	5263508	419
F3-5	405283	5263510	420
F3-6	405382	5263511	423
F3-7	405470	5263510	439
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F3-9	405511	5263304	435
F4-1	404548	5263441	427
F4-2	404548	5263542	431
F4-3	404547	5263642	445
F4-4	404546	5263743	433
F4-5	404546	5263842	434
F4-6	404548	5263940	441
F4-7	404547	5264043	428
F4-8	404547	5264141	437
F5-1	403144	5266204	438
F5-10	403447	5265808	427
F5-11	403343	5265807	428
F5-12	403244	5265807	430
F5-13	403162	5265801	429
F5-14	403170	5265901	427
F5-15	403145	5266007	423
F5-16	403144	5266107	427
F5-2	403242	5266203	434
F5-3	403338	5266206	427
F5-4	403442	5266207	425
F5-5	403543	5266207	436
F5-6	403542	5266106	426
F5-7	403543	5266006	428
F5-8	403542	5265908	427
F5-9	403543	5265808	432
F6-1	405281	5262811	431
F6-10	405584	5262412	425
F6-11	405483	5262409	425
F6-12	405381	5262410	424
F6-13	405282	5262411	431
F6-14	405282	5262511	432
F6-15	405281	5262615	426
F6-16	405281	5262711	430
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F6-3	405483	5262845	433
F6-4	405583	5262809	429
F6-5	405683	5262811	427
F6-6	405683	5262708	436
F6-7	405684	5262612	438
F6-8	405682	5262512	436

F6-9	405683	5262412	435
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GR-11	453762	5271200	380
GR-12	453762	5271103	363
GR-13	453759	5271001	384
GR-14	453656	5271001	388
GR-15	453556	5271009	390
GR-16	453459	5271003	391
GR-17	453356	5271004	387
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GR-19	453156	5271001	381
GR-2	453255	5271595	384
GR-20	453164	5271100	360
GR-21	453155	5271207	361
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GR-23	453155	5271404	375
GR-24	453154	5271501	383
GR-3	453351	5271604	386
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GR-8	453759	5271501	368
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HK-10	386047	5270849	407
HK-11	386046	5270751	408
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HK-16	385748	5270552	409
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L100E-150N	394900	5287550	399

L100E-150S	394901	5287251	397
L100E-50N	394900	5287446	405
L100E-50S	394900	5287351	397
L1E-0	397800	5286501	398
L1E-100N	397800	5286601	387
L1E-100S	397802	5286401	401
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L1E-200S	397800	5286302	406
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L2E-150S	397700	5286348	411
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L300E-0	394702	5287398	402
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L300E-50S	394701	5287345	398
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L4E-50N	397500	5286550	391
L4E-50S	397500	5286451	398
OS-05	399929	5274451	400
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OS-17	399552	5274053	399
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OS-19	399550	5274252	400
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OS-6	399950	5274451	403
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RU-17	408427	5291749	379
RU-18	408477	5291748	393
RU-19	408526	5291748	393
RU-2	407625	5291748	393
RU-20	408580	5291742	388
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RU-22	408676	5291783	387
RU-23	408726	5291807	387
RU-24	408626	5291798	388
RU-25	408627	5291849	393
RU-26	408626	5291898	395
RU-27	408626	5291949	390
RU-28	408626	5291998	392
RU-29	408626	5292049	393
RU-3	407724	5291747	388
RU-30	408626	5292098	391
RU-31	408626	5292147	391
RU-32	408627	5292199	388
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RU-36	408448	5291948	386
RU-37	408425	5292048	377
RU-38	407725	5291850	386
RU-39	407724	5291947	384
RU-4	407825	5291748	380
RU-5	407925	5291748	378
RU-6	408026	5291748	382
RU-7	408126	5291747	379
RU-8	408226	5291768	377
TR SAMPLE #1	453786	5271227	382
TR SAMPLE #2	453813	5271234	384

Cascadero Copper
Geochem Soil Program
December, 2011

Bag 8 Page 8

GR-1		Took sample off drill
GR-2		Sandy loam-wet
GR-3		Sandy loam-wet
GR-4		Sandy loam-wet
GR-5		Sandy loam-wet
GR-6		Sandy loam-wet
GR-7		Sandy loam-dry
GR-8		Sandy loam-moist
GR-9		Sandy loam-dry
GR-10		Sandy loam-dry
GR-11		Top layer-shallow on rock
GR-11B		Top layer-shallow on rock
GR-12		Silty clay-moist
GR-13		Clay loam-moist
GR-14		Sandy loam-moist
GR-15		Sandy loam
GR-16		Dry sand
GR-17		Shallow soil on rock
GR-18		Moist clay loam
GR-19		Moist clay loam
GR-20		HUMUS (Org-Cedar Swamp)
GR-21		Dry sand loam
GR-22		HUMUS (Wet Org-Spruce swamp)
GR-23		Wet loam
GR-24		Loamy sand-moist
TR	Sample # 1	Rock Sample
TR	Sample # 2	Rock Sample

*Cascadero Copper
Geochem Soil Program
December, 2011*

Bag 10 Page 10

F4-1	Flat
F4-2	Rocky
F4-3	Side of hill
F4-4	Flat
F4-5	Old Trail
F4-6	Slope
F4-7	Slope
F4-8	Slope
F3-7	Side of Pond
F3-8	Side of Pond
F3-9	Side of Lake
F3-10	HUMUS (Swamp)
F3-11	Side of Outcrop
F3-12	Side of hill
F3-13	
F3-14	
F3-15	
F3-16	
F3-17	
F3-18	
F3-19	
F3-20	
F3-21	
F3-22	
F3-23	
F3-24	HUMUS (Swamp)
F3-1	
F3-2	
F3-3	
F3-4	
F3-5	
F3-6	

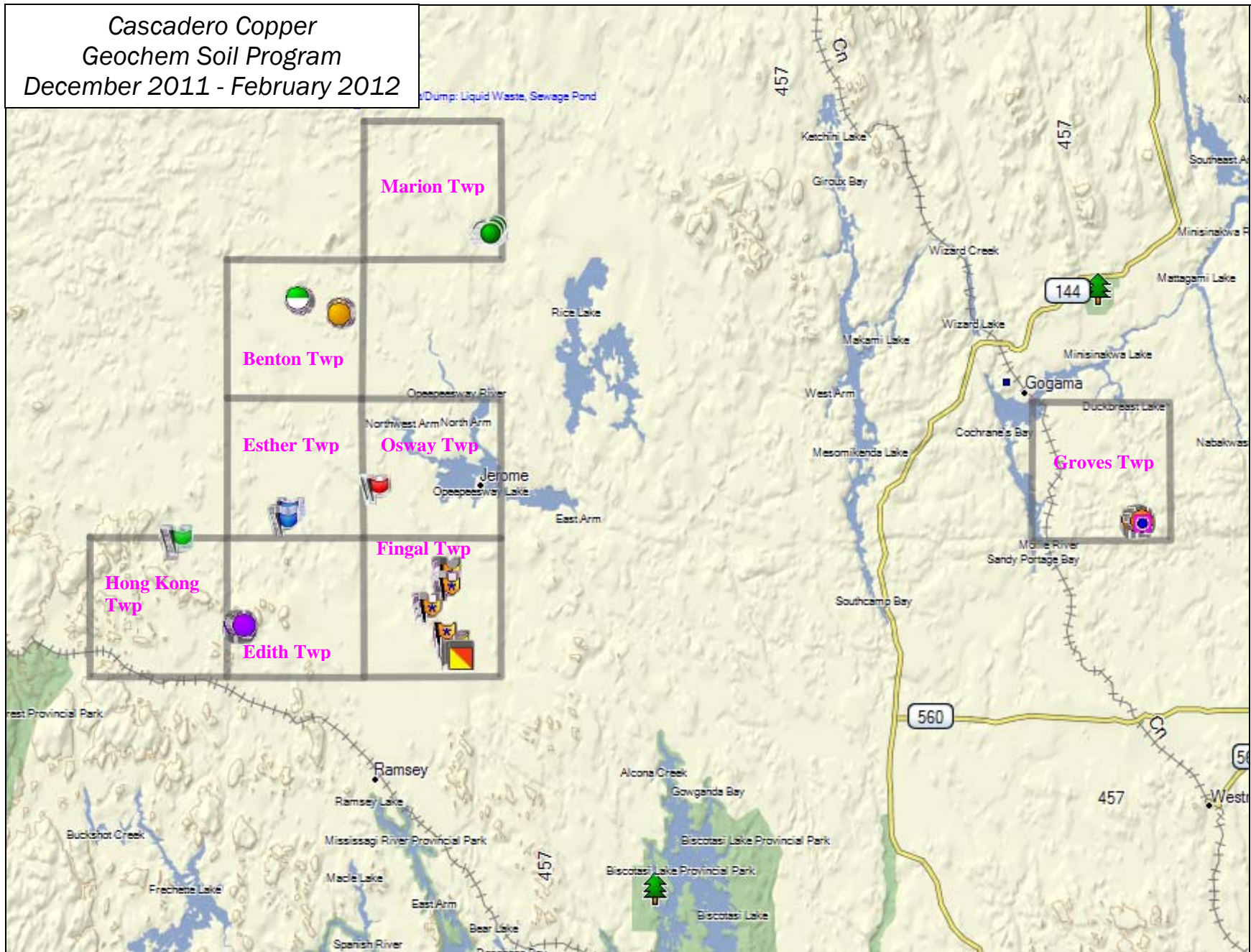
Katrine Exploration and Development Inc.

P.O. Box 219, 14579 Government Road, Larder Lake, Ontario, Canada, P0K 1L0

Tel: (705) 643-2345 Fax: (705) 643-2191

Client: Cascadero Copper						Project: Fingal Twp (F)									
Date of Survey: December 21, 2011						Survey Personnel: B. Lavalley / W. Cairns									
Sample #	Location		Depth (cm)	Soil Horizon	Drainage		Soil Color	Contam.	Soil Material					Other notes	
	Utm Easting	Utm Northing			Az*	Slope			Clay	Silt	Sand	gravel	Organic		
1	F4-1		30	B	-	-	BRN/RD	-	-	✓	✓	-	-	Flat	
2	F4-2		30	B	-	-	BRN/RD	-	-	✓	✓	-	-	Rocky	
3	F4-3		30	B	N	2	BRN/RD	-	-	✓	✓	-	-	Side of hill	
4	F4-4		30	B	-	-	BRN/GRY	-	-	-	✓	-	-	Flat	
5	F4-5		30	B	-	-	BRN/GRY	Trail	-	-	✓	-	-	Old Trail	
6	F4-6		40	B	N	1	BRN	-	-	✓	✓	-	-	Slope	
7	F4-7		30	B	SW	1	BRN	-	-	✓	✓	-	-	Slope	
8	F4-8		40	B	W	1	BRN/RD	-	-	-	-	-	-	Slope	
9	F3-7		30	B	E	1	BRN	-	-	-	✓	-	-	Side of Pond	
10	F3-8		50	B	E	1	BRN	-	-	-	✓	✓	-	Side of Pond	
11	F3-9		40	B	W	1	BRN/GRY	-	✓	✓	-	-	-	Side of Lake	
12	F3-10		50	B	-	-	BRN/BLK	-	✓	✓	-	-	✓	HUMUS (Swamp)	
13	F3-11		50	B	N	2	BRN	-	-	-	✓	-	-	Side of Outcrop	
14	F3-12		40	B	N	3	BRN/RD	-	-	-	✓	-	-	Side of hill	
15	F3-13		40	B	-	-	BRN	-	-	✓	✓	-	-		
16	F3-14		30	B	N	2	BRN	-	-	✓	✓	-	-		
17	F3-15		30	B	NE	1	BRN	-	-	✓	✓	-	-		
18	F3-16		40	B	-	-	Light BRN	-	-	-	✓	-	-		
19	F3-17		50	B	-	-	Light BRN	-	-	✓	✓	-	-		
20	F3-18		40	B	-	-	BRN	-	-	✓	✓	-	-		
21	F3-19		30	B	-	-	BRN	-	-	✓	✓	-	-		
22	F3-20		40	B	E	1	Light BRN	-	-	✓	✓	-	-		
23	F3-21		50	B	N	1	Dark BRN	-	-	✓	✓	✓	-		
24	F3-22		30	B	S	1	Light BRN	-	-	✓	✓	-	-		
25	F3-23		30	B	-	-	RD/BRN	-	-	✓	✓	-	-		
26	F3-24		120	B	-	-	Dark BRN	-	-	-	-	-	✓	HUMUS (Swamp)	
27	F3-1		40	B	W	1	Dark BRN	-	-	✓	✓	-	-		
28	F3-2		40	B	-	-	Light BRN	-	-	✓	✓	-	-		
29	F3-3		30	B	-	-	BRN	-	-	✓	✓	-	-		
30	F3-4		30	B	-	-	Light BRN	-	-	✓	✓	-	-		
31	F3-5		40	B	-	-	RD/BRN	-	-	✓	✓	-	-		
32	F3-6		30	B	-	-	Light BRN	-	-	✓	✓	-	-		

Cascadero Copper
Geochem Soil Program
December 2011 - February 2012



Cascadero Copper - Geochem Soil Program

Marion Twp: RU-1 to RU-39

Benton Twp: Grid #1: L100E (150S-150N)
L200E (100S-100N)
L300E (50S-150N)
L400E (0-200N)

Grid #2: L4E (150S-250N)
L3E (200S-200N)
L2E (150S-250N)
L1E (200S-200N)

Esther Twp: ES-1 to ES-32

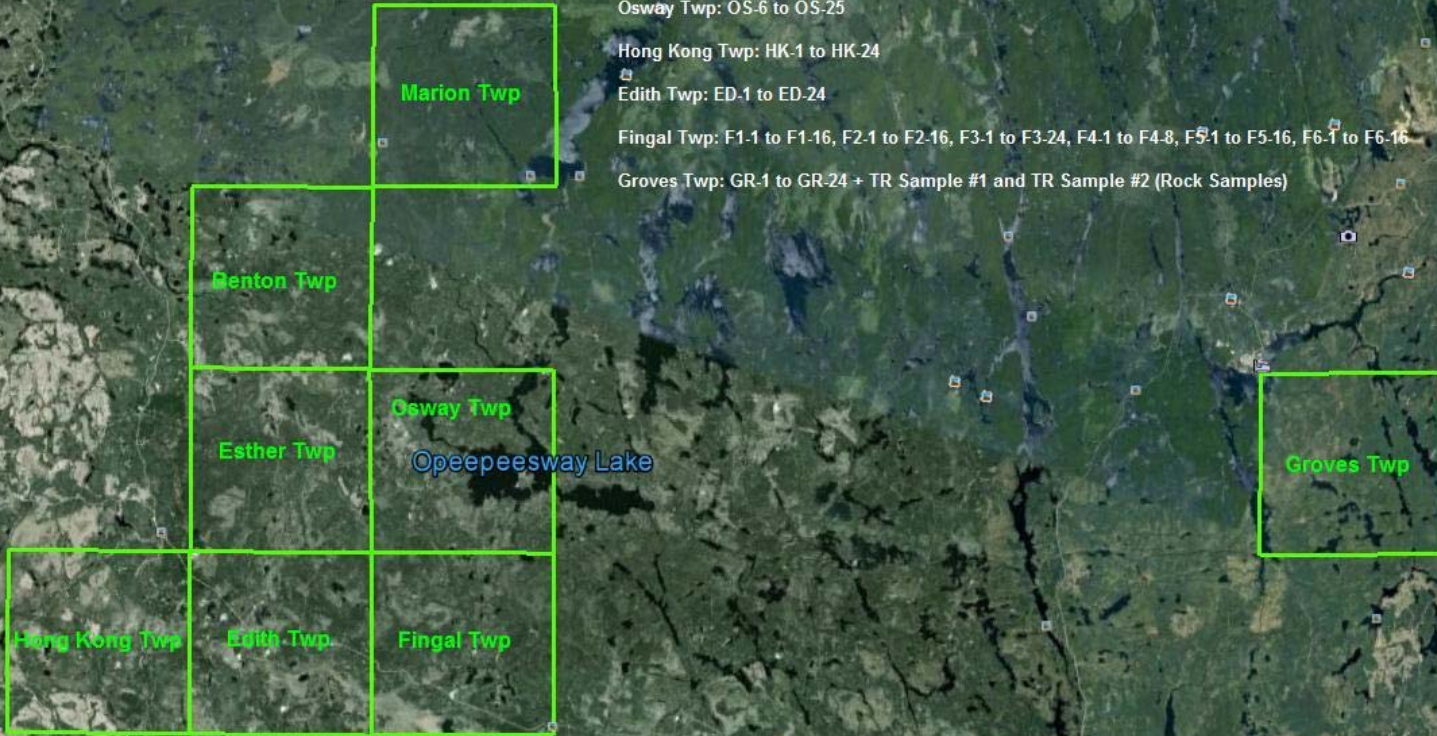
Osway Twp: OS-6 to OS-25

Hong Kong Twp: HK-1 to HK-24

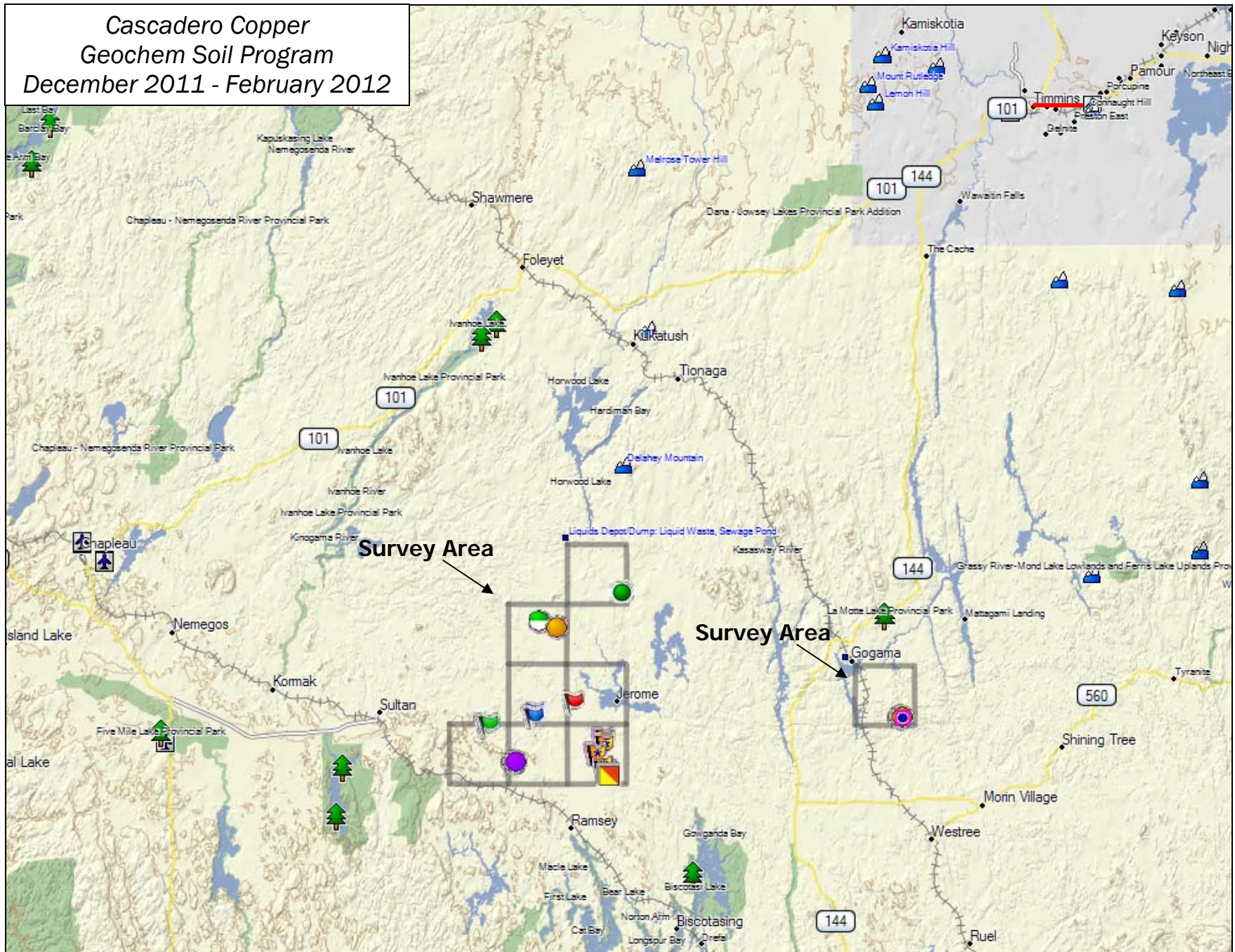
Edith Twp: ED-1 to ED-24

Fingal Twp: F1-1 to F1-16, F2-1 to F2-16, F3-1 to F3-24, F4-1 to F4-8, F5-1 to F5-16, F6-1 to F6-16

Groves Twp: GR-1 to GR-24 + TR Sample #1 and TR Sample #2 (Rock Samples)

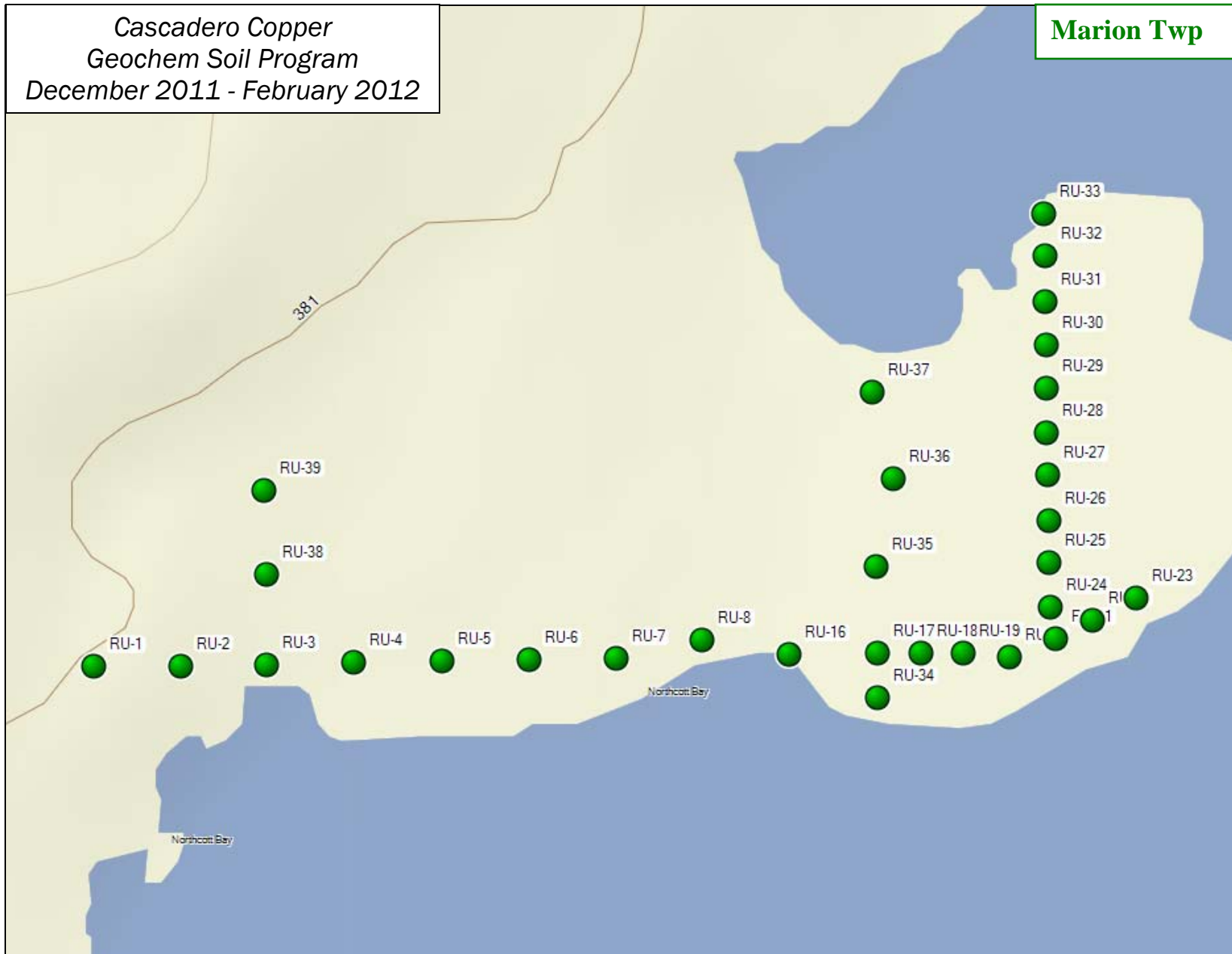


Cascadero Copper
Geochem Soil Program
December 2011 - February 2012



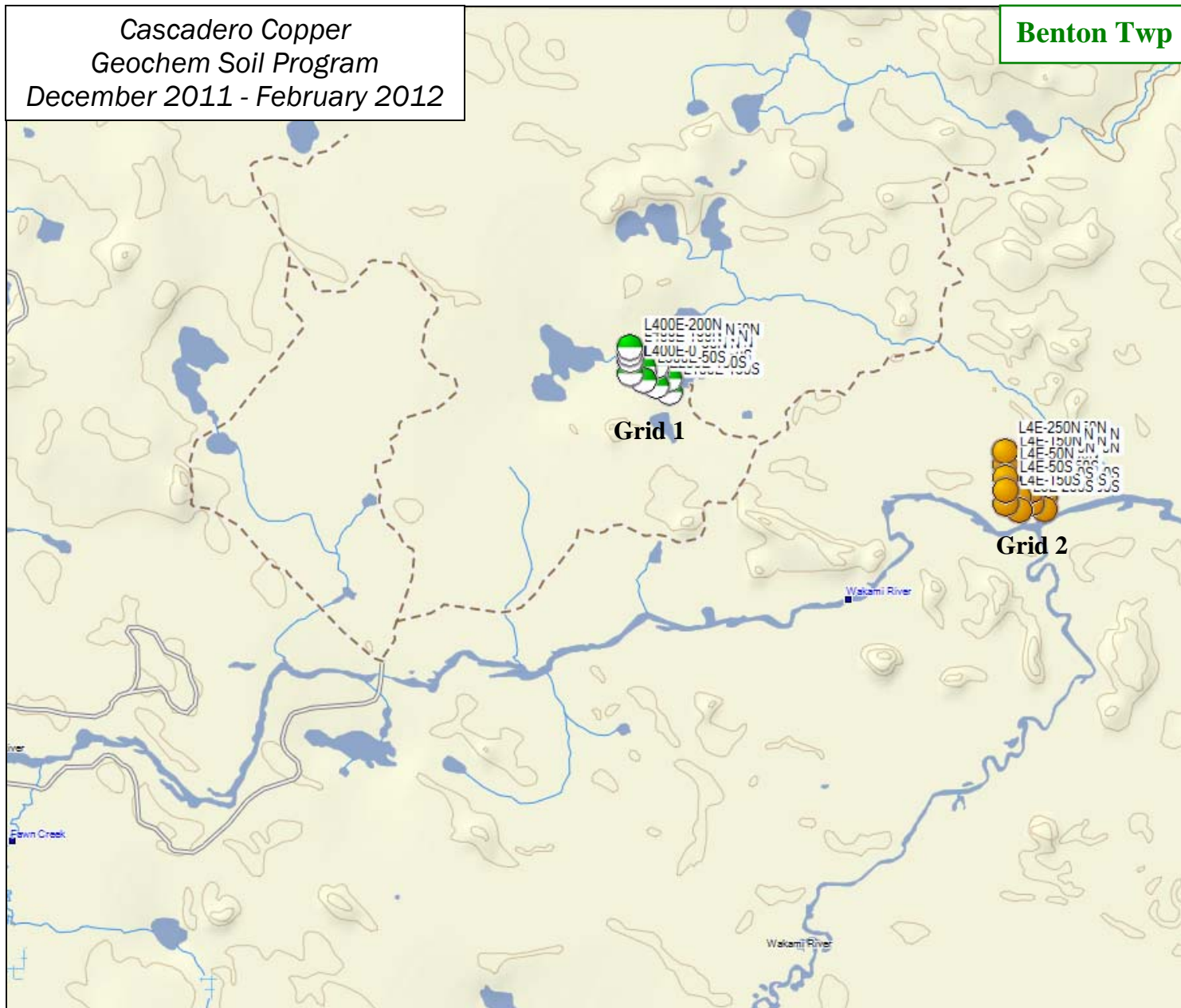
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Marion Twp



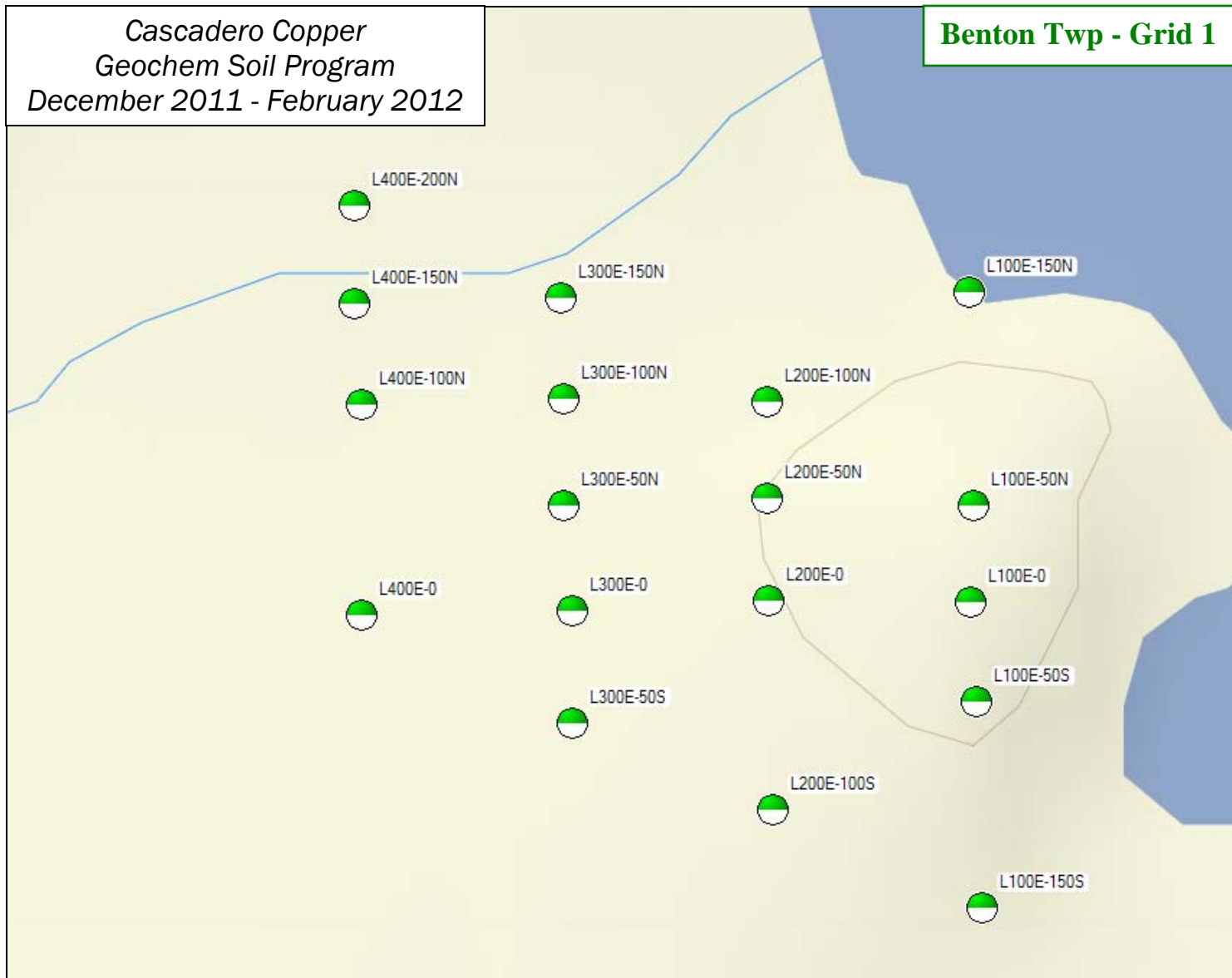
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp



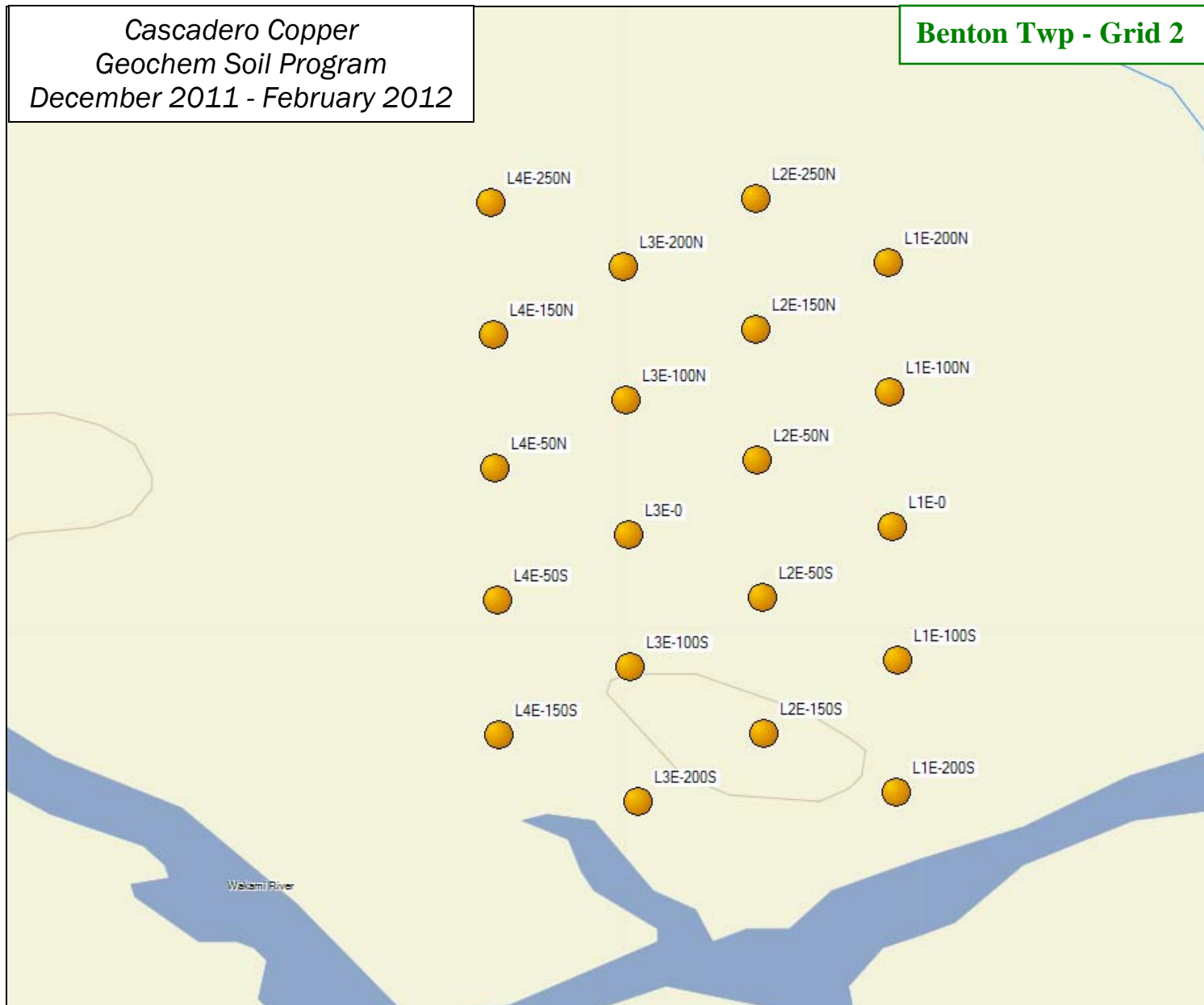
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp - Grid 1



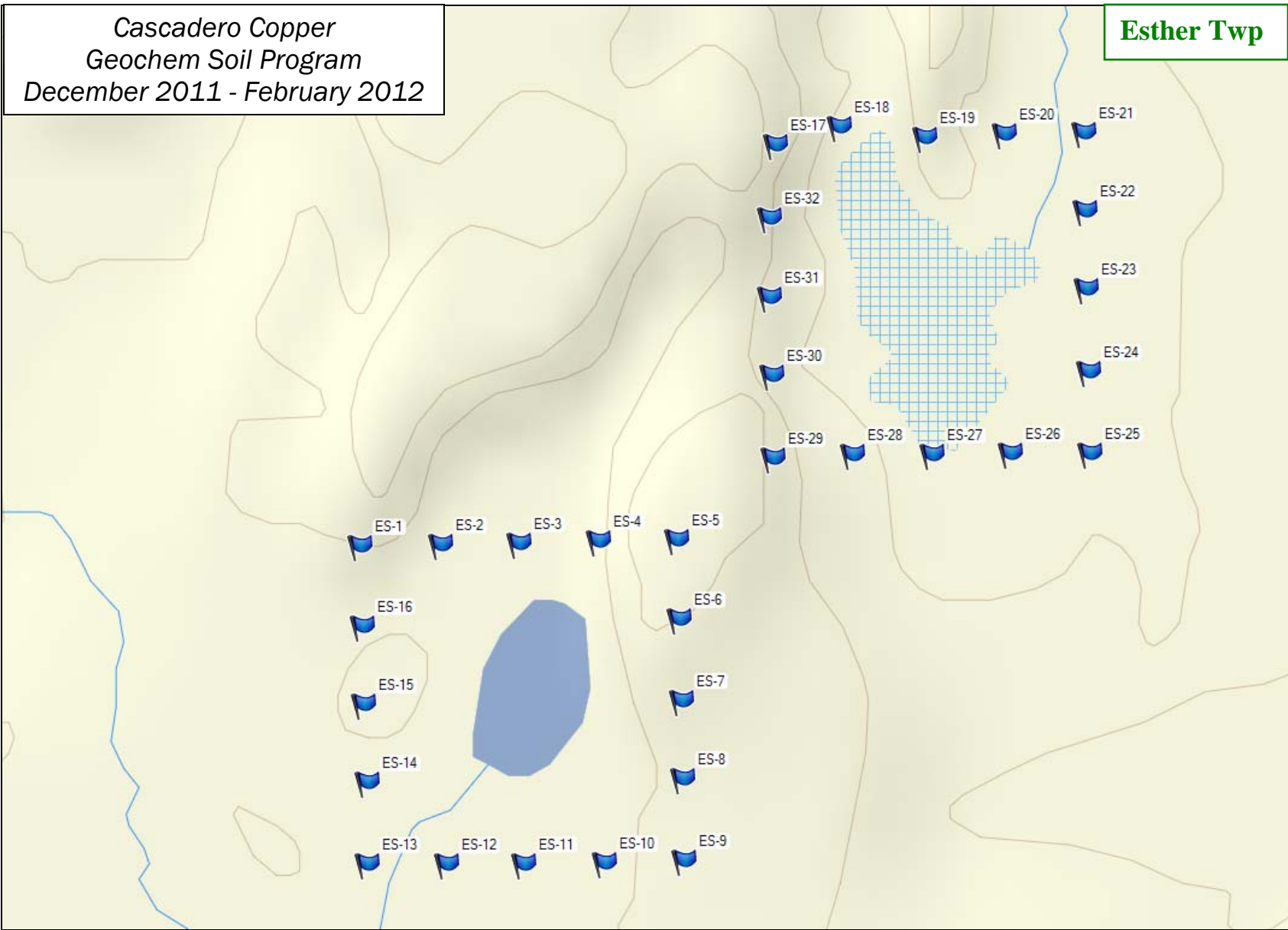
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp - Grid 2



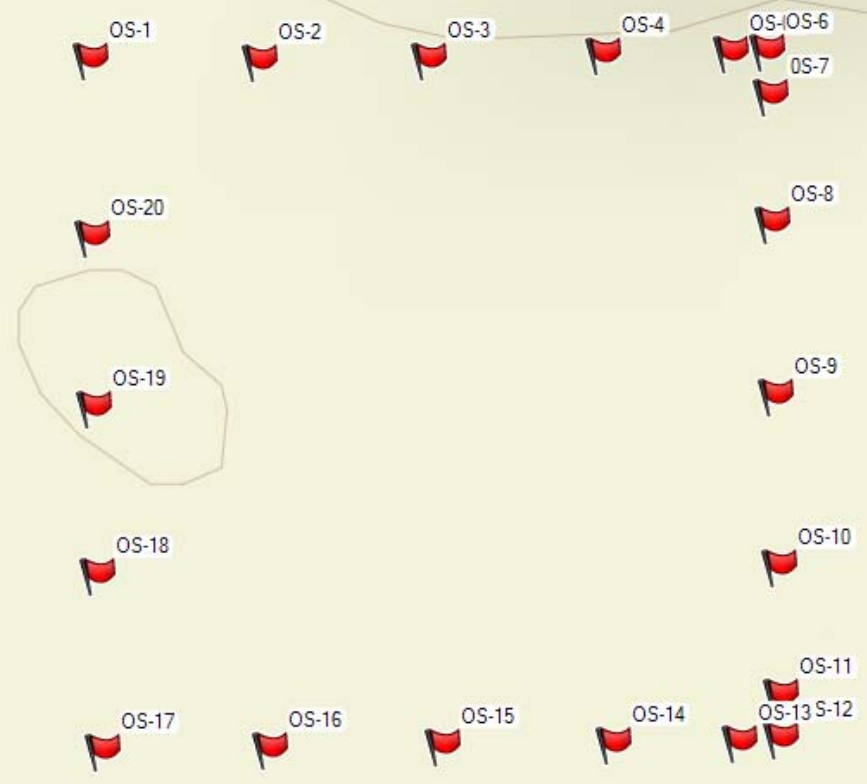
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Esther Twp



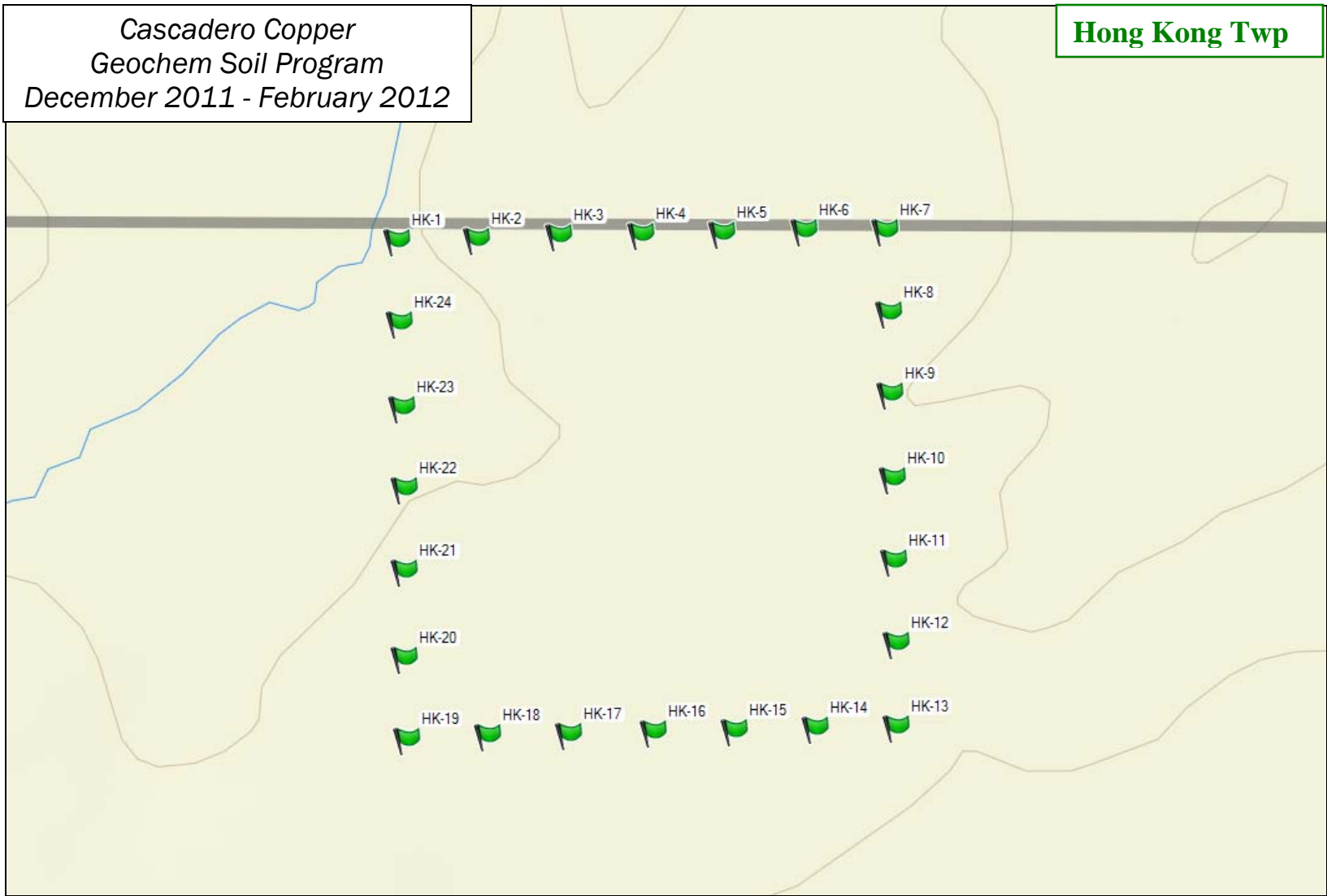
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Osway Twp



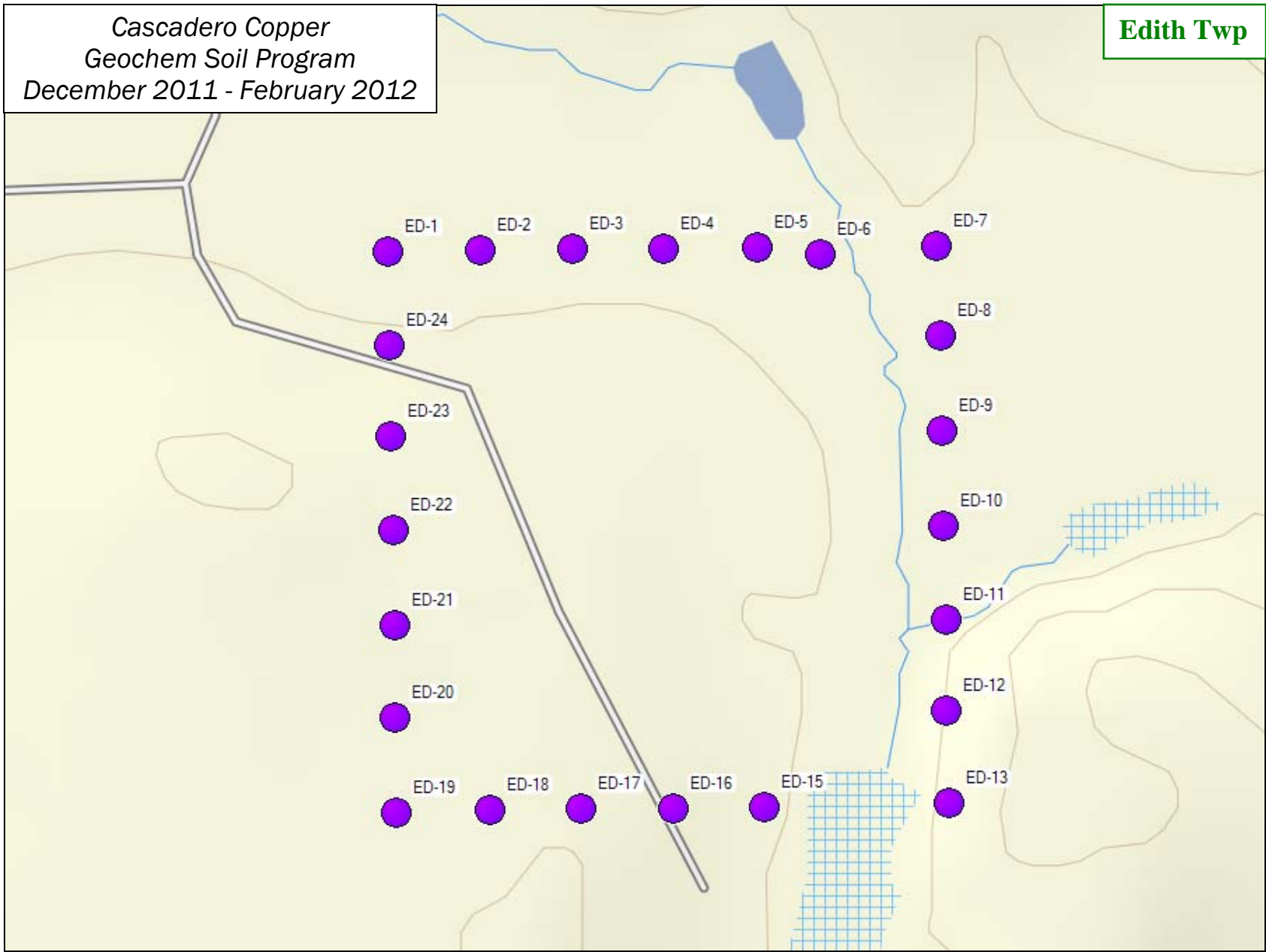
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Hong Kong Twp



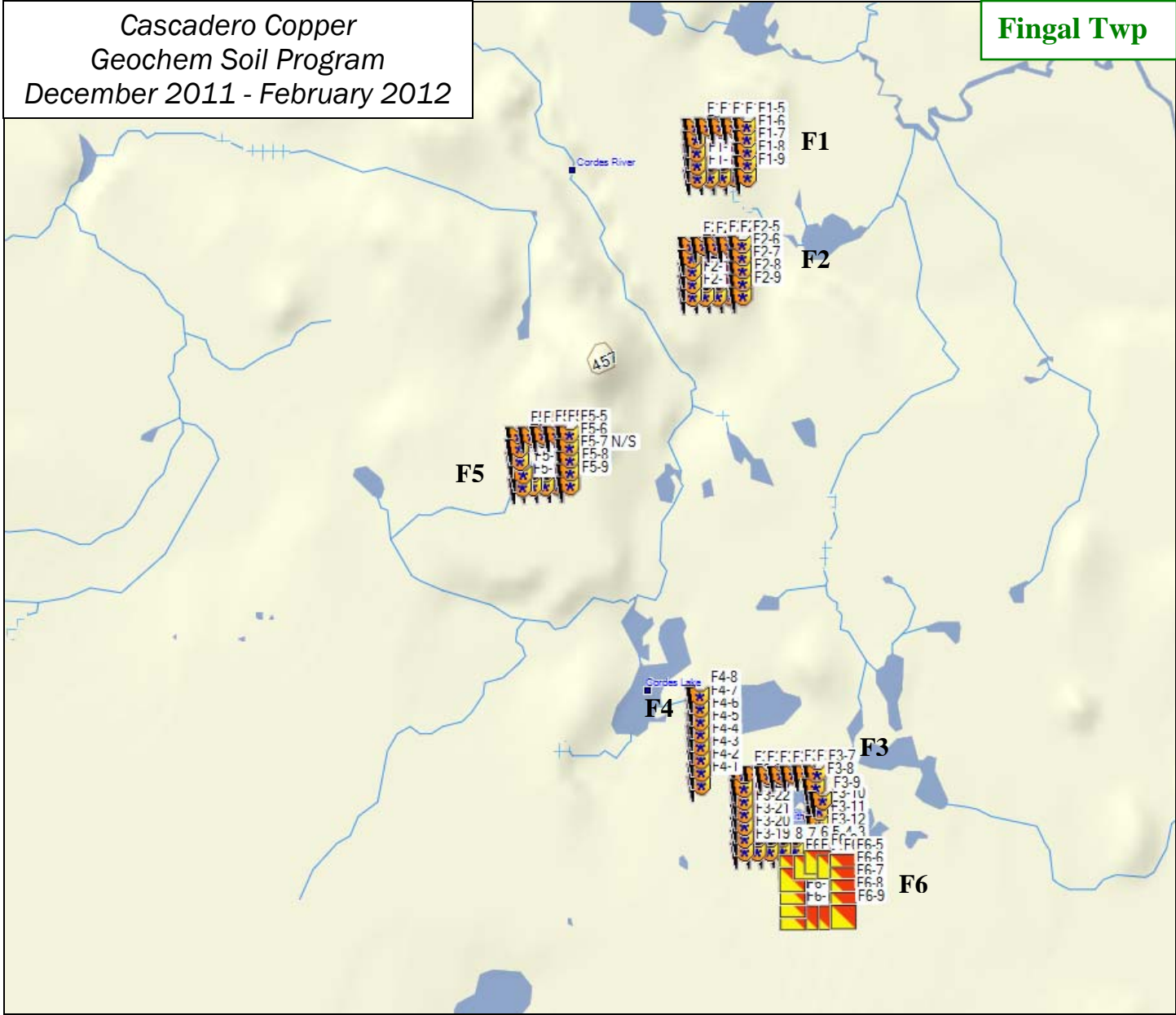
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Edith Twp



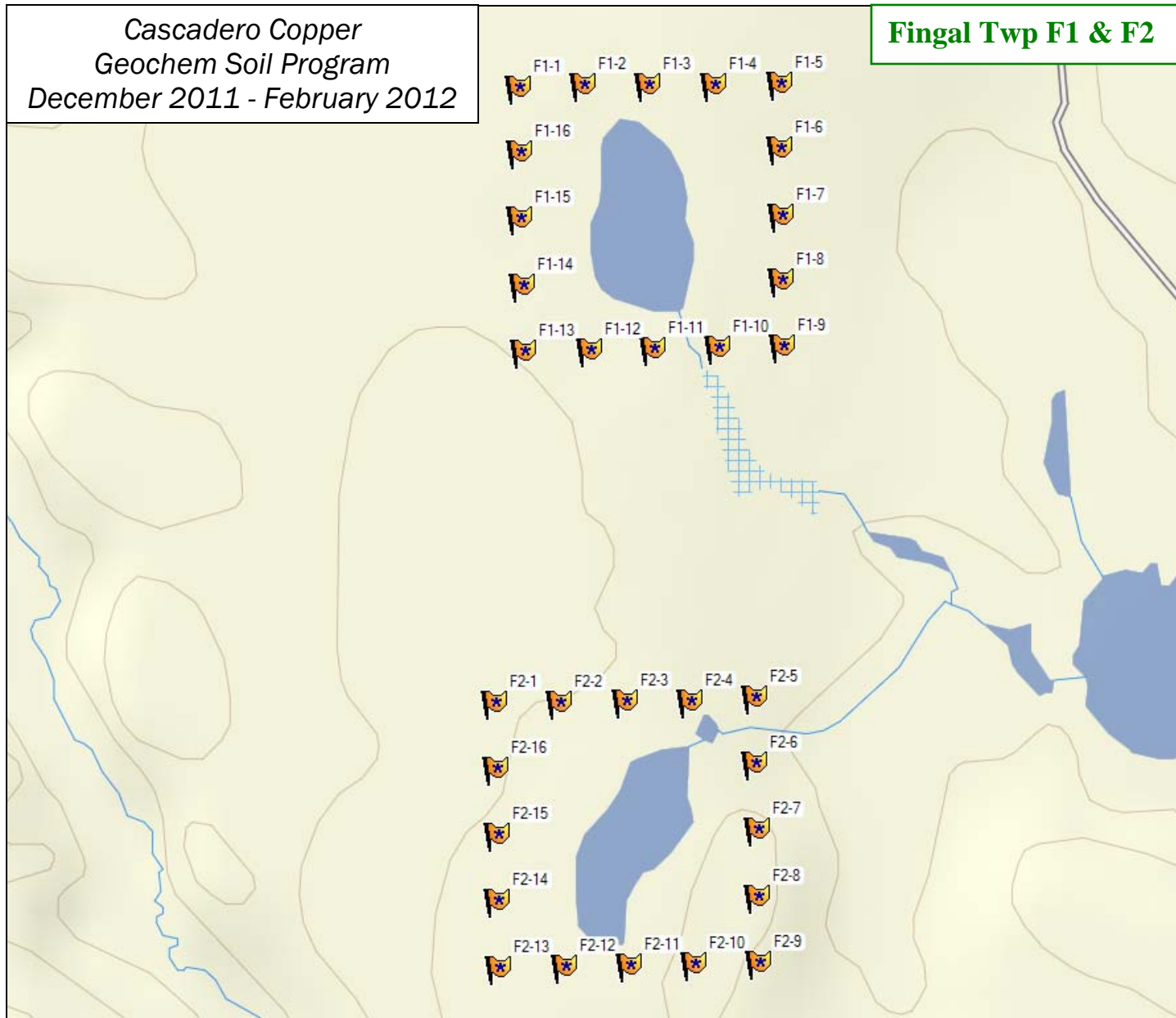
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp



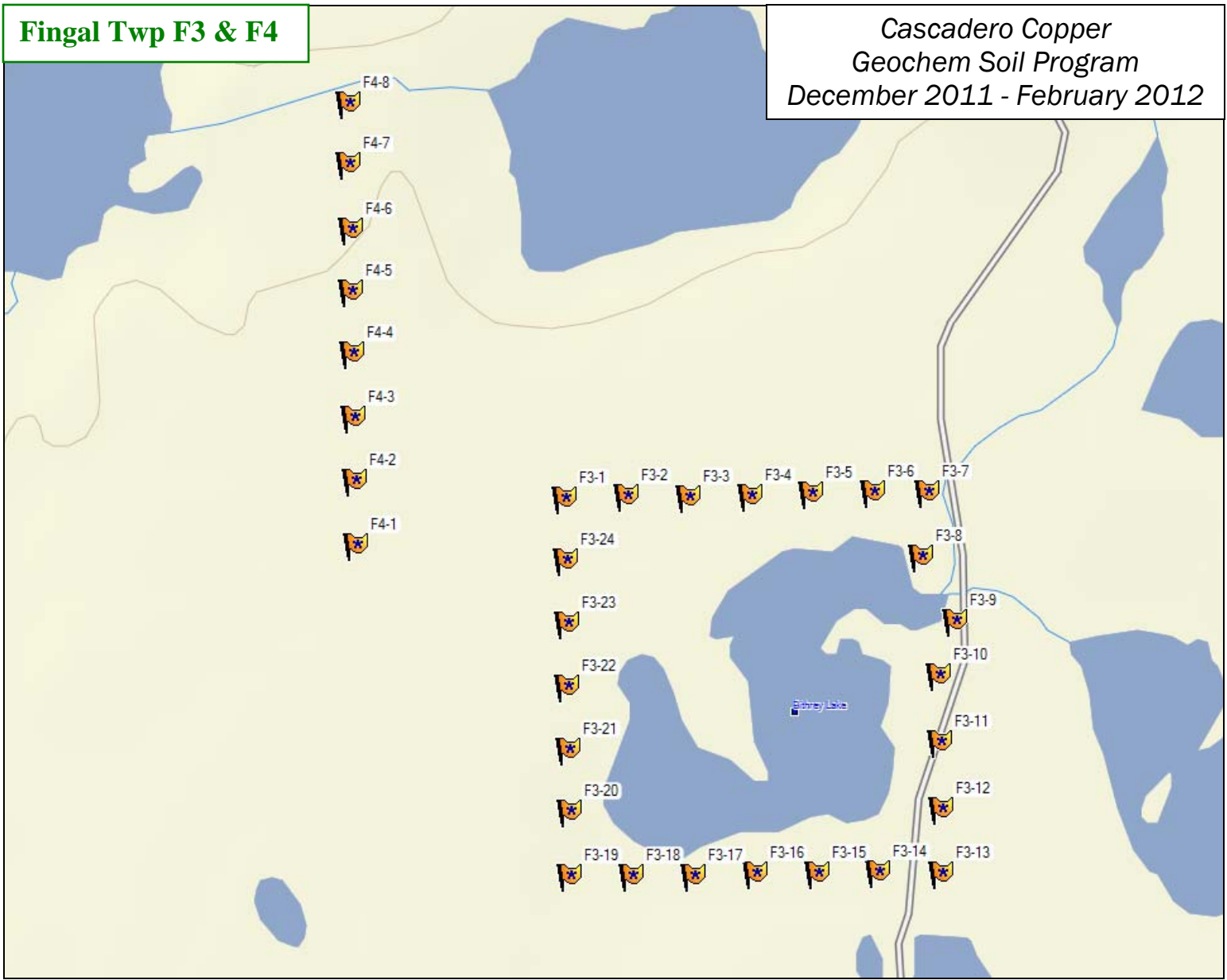
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp F1 & F2



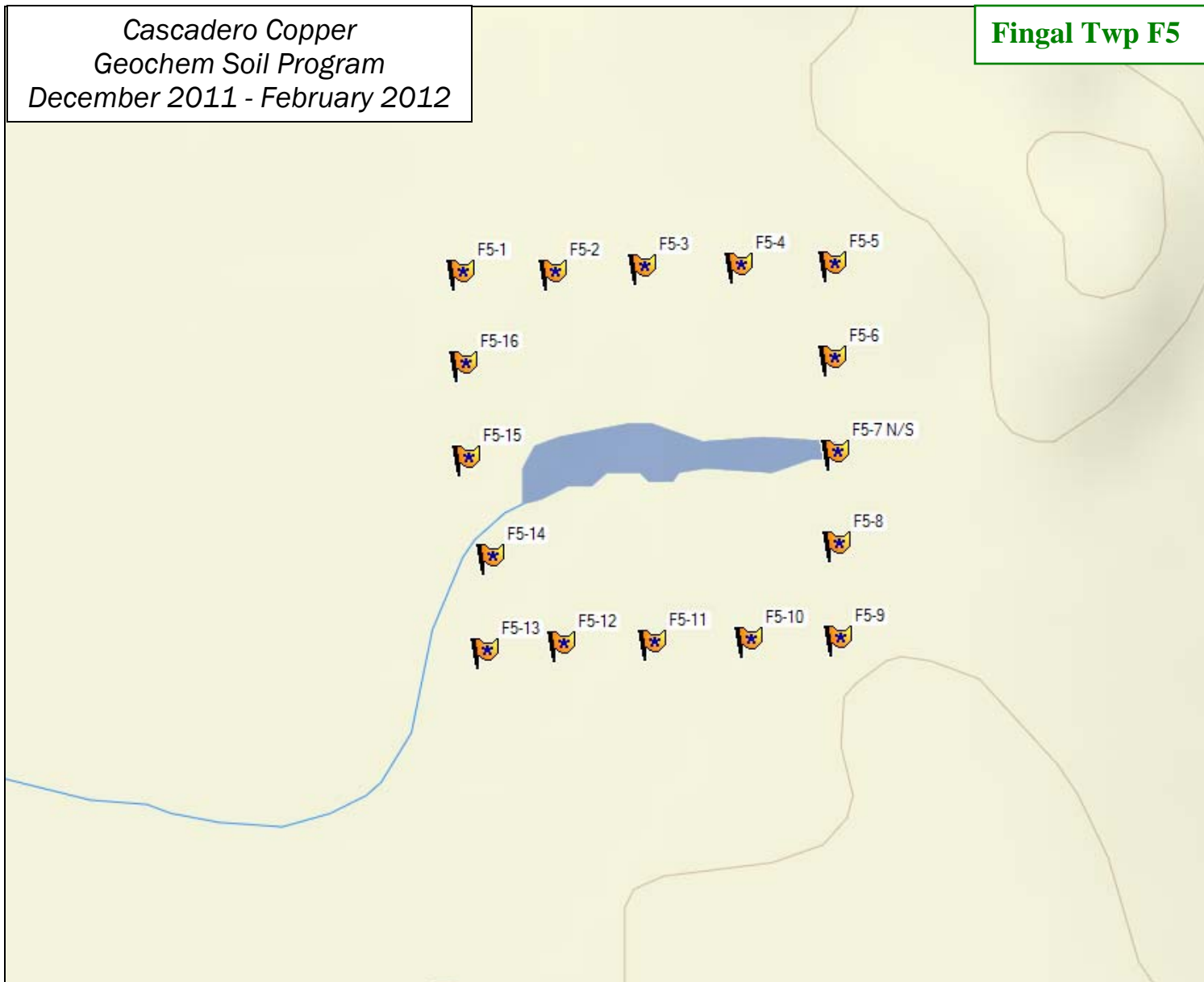
Fingal Twp F3 & F4

Cascadero Copper
Geochem Soil Program
December 2011 - February 2012



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp F5



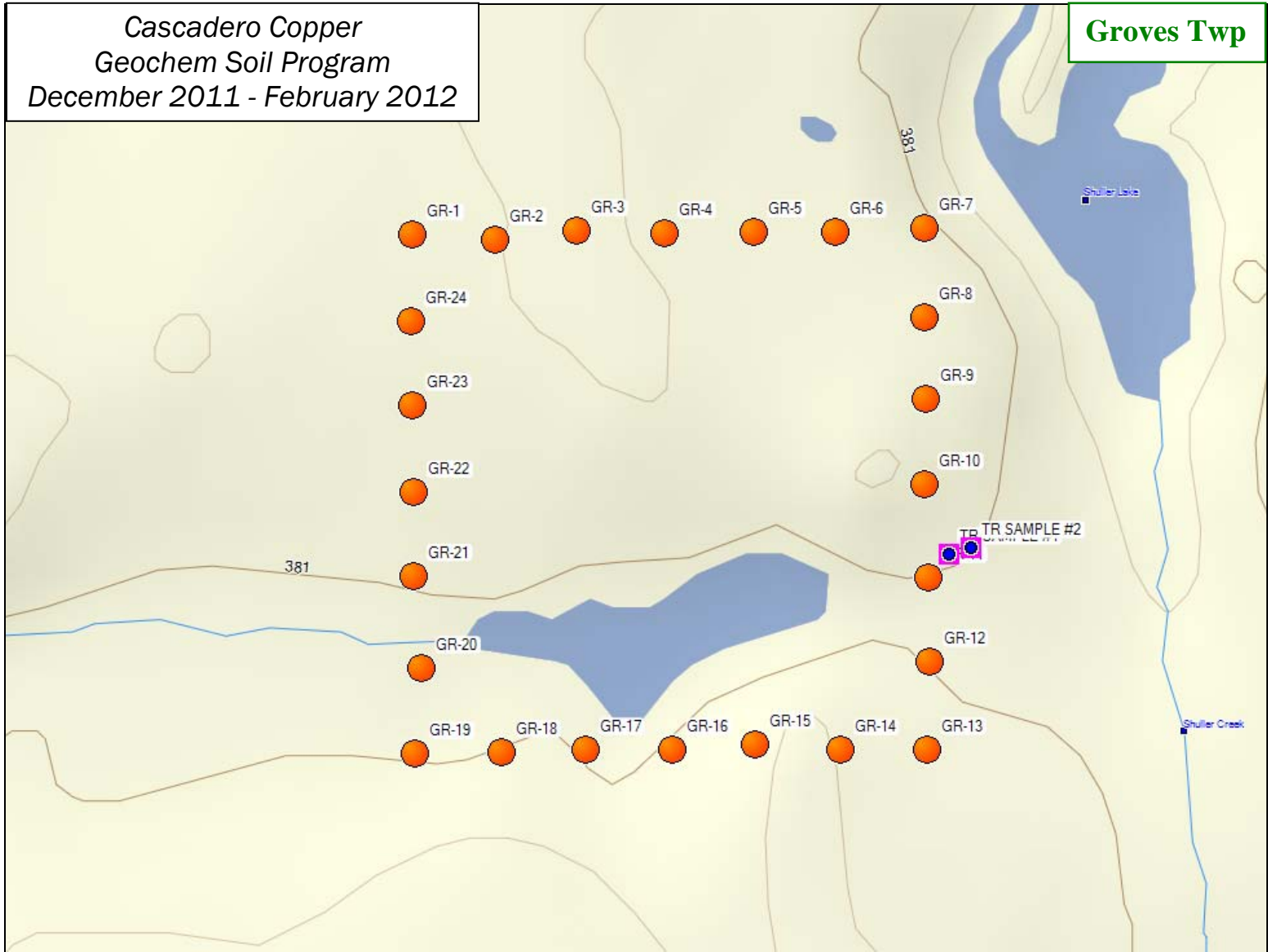
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp F6

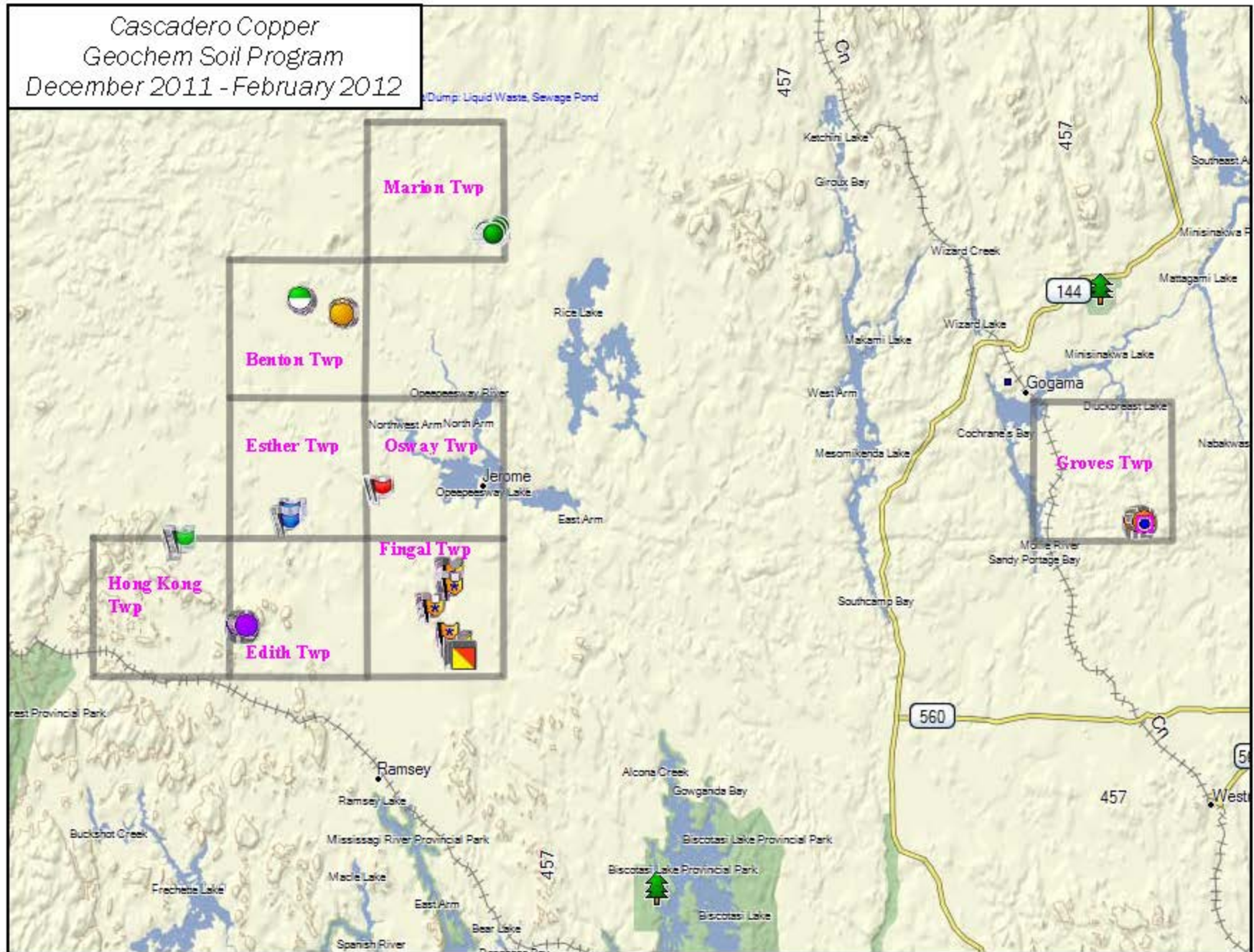


Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Groves Twp



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012



Cascadero Copper - Geochem Soil Program

Marion Twp: RU-1 to RU-39

Benton Twp: Grid #1: L100E (150S-150N)
L200E (100S-100N)
L300E (50S-150N)
L400E (0-200N)

Grid #2: L4E (150S-250N)
L3E (200S-200N)
L2E (150S-250N)
L1E (200S-200N)

Esther Twp: ES-1 to ES-32

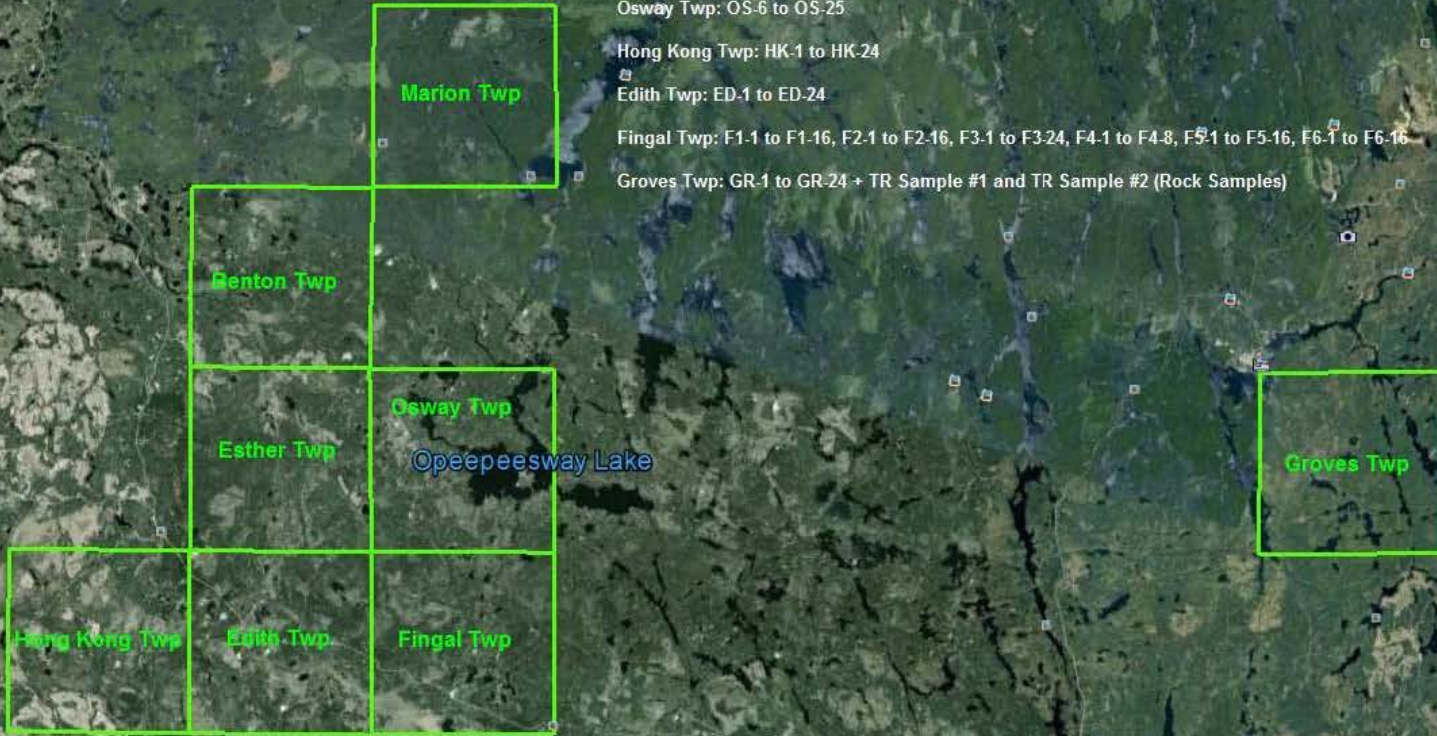
Osway Twp: OS-6 to OS-25

Hong Kong Twp: HK-1 to HK-24

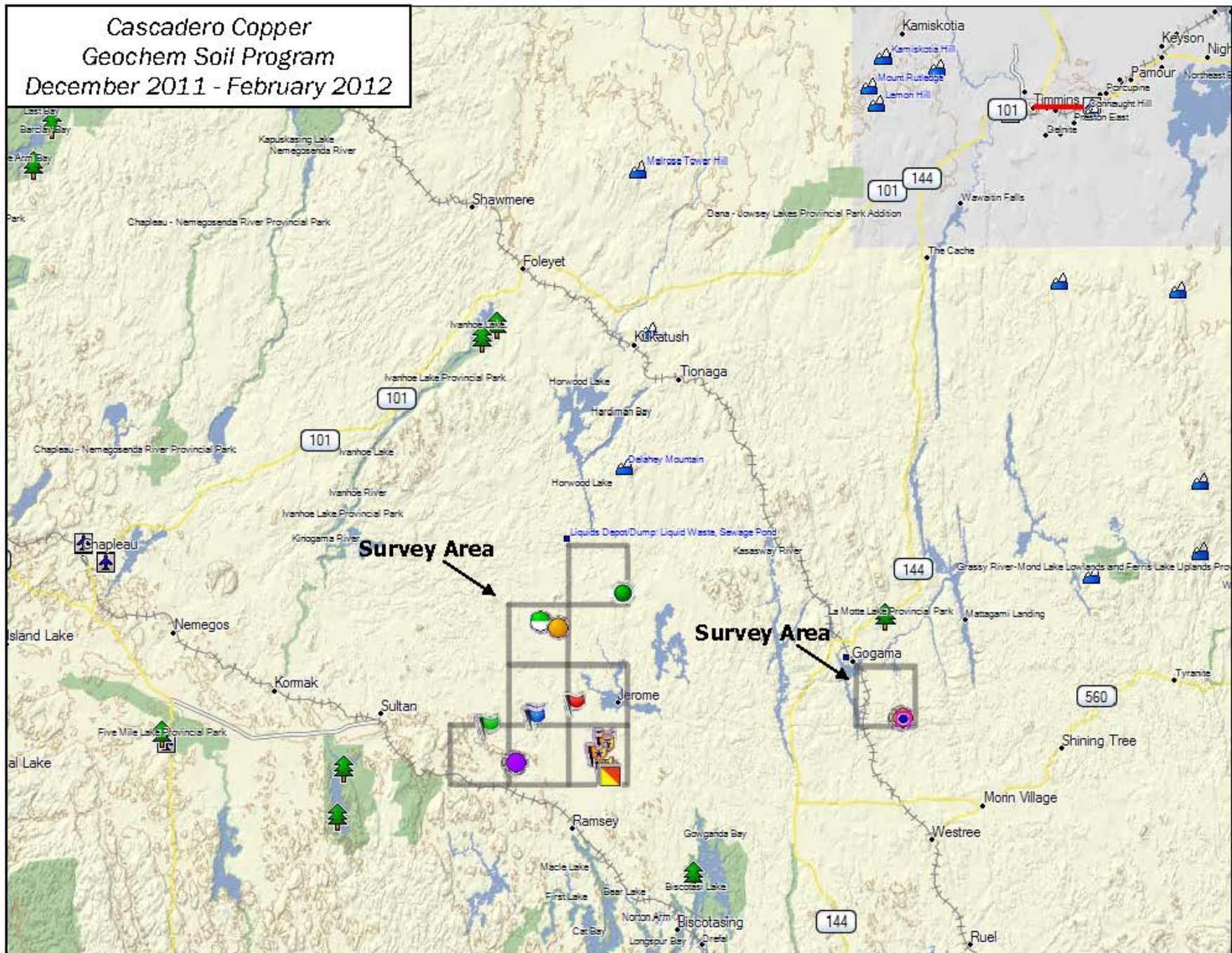
Edith Twp: ED-1 to ED-24

Fingal Twp: F1-1 to F1-16, F2-1 to F2-16, F3-1 to F3-24, F4-1 to F4-8, F5-1 to F5-16, F6-1 to F6-16

Groves Twp: GR-1 to GR-24 + TR Sample #1 and TR Sample #2 (Rock Samples)



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012



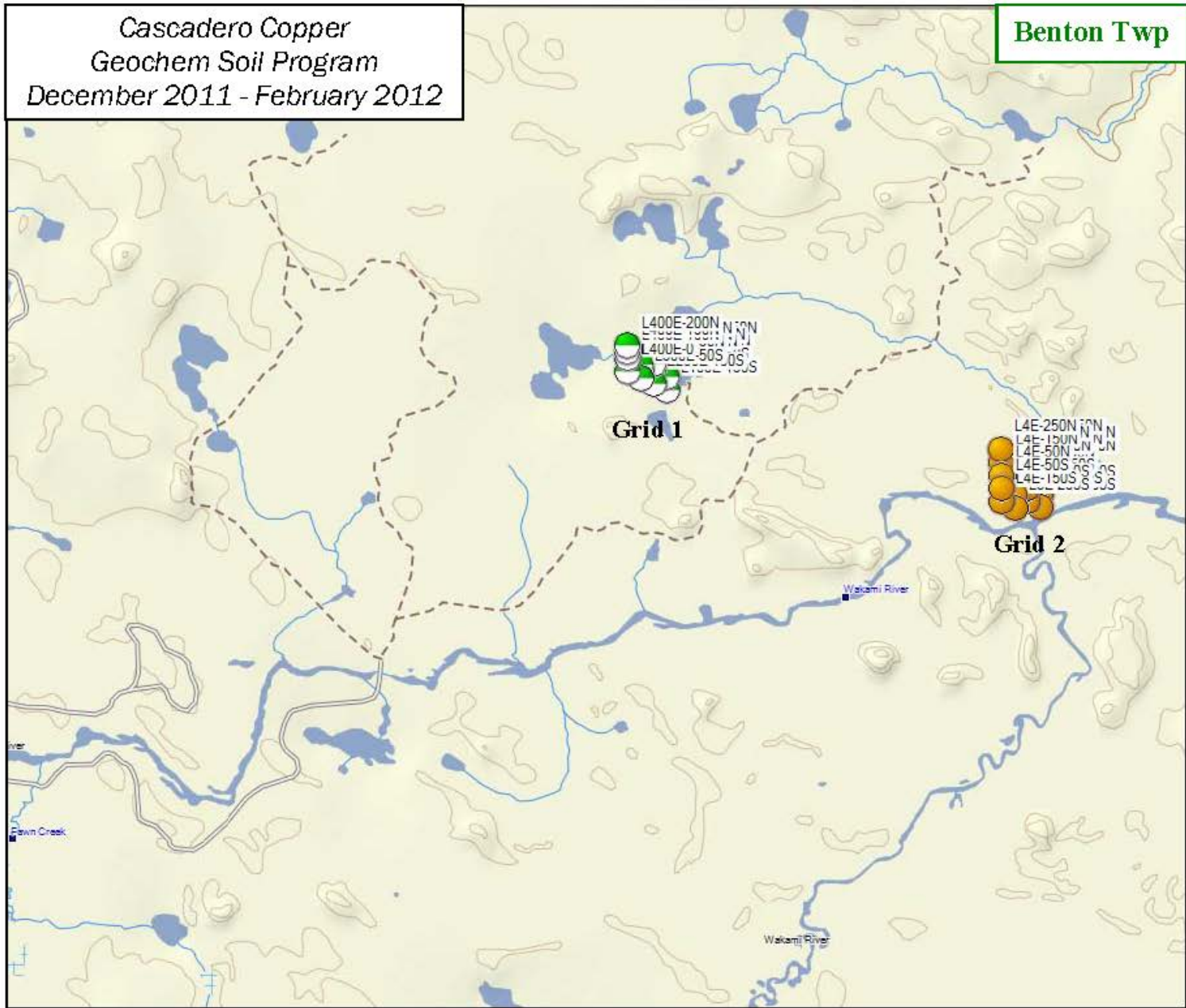
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Marion Twp



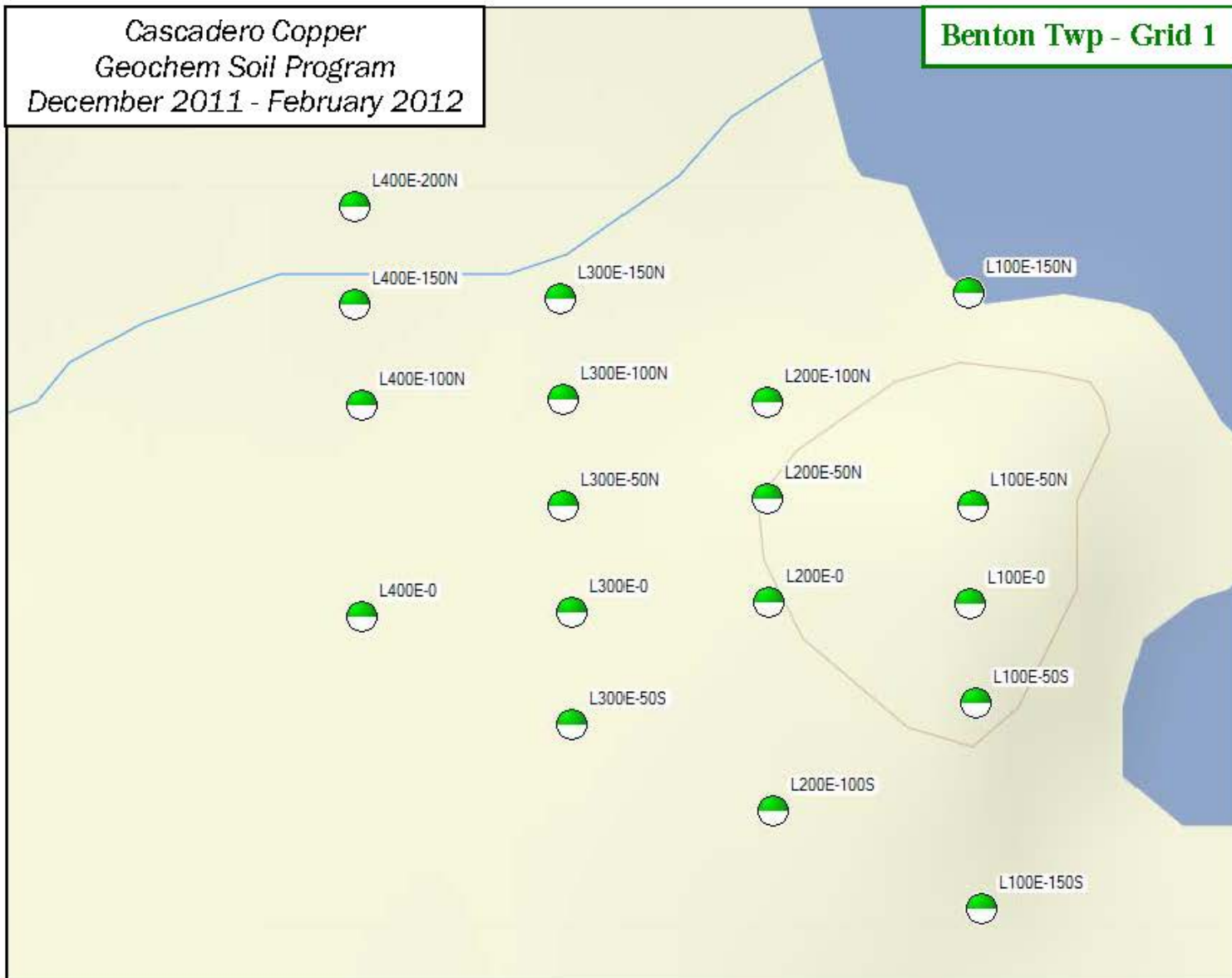
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp - Grid 1



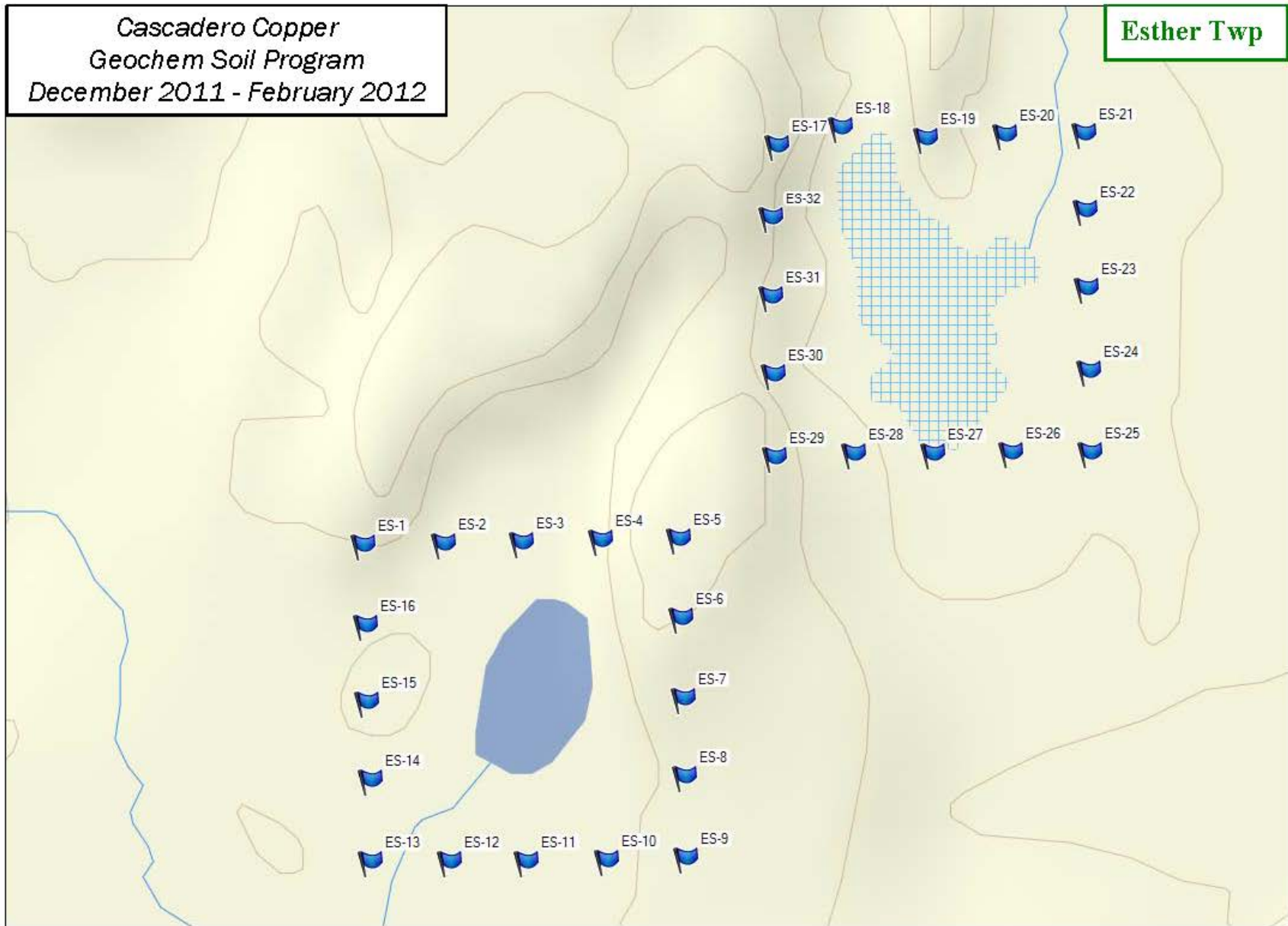
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Benton Twp - Grid 2



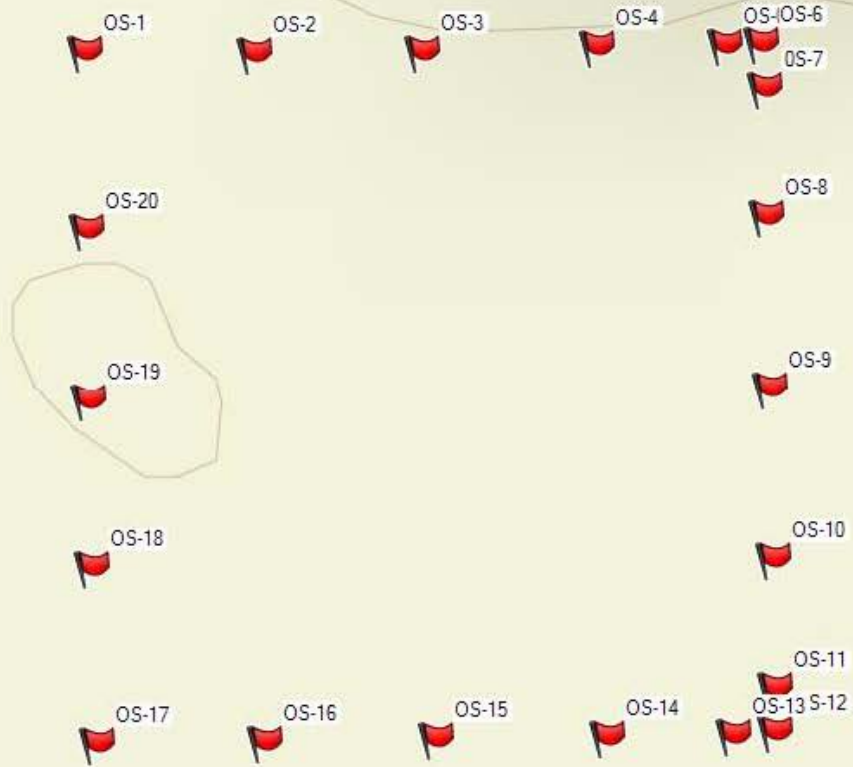
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Esther Twp



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Osway Twp



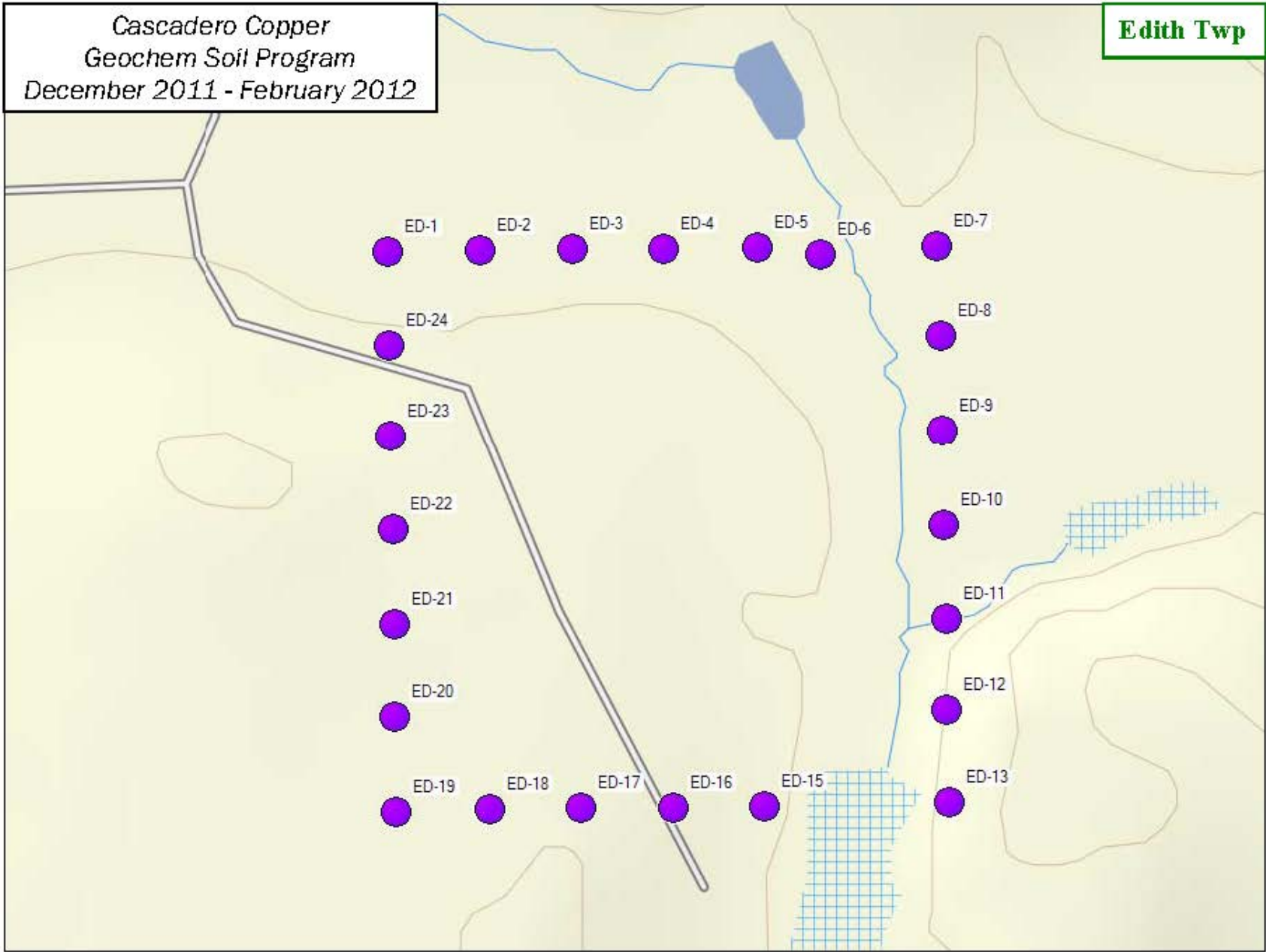
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Hong Kong Twp



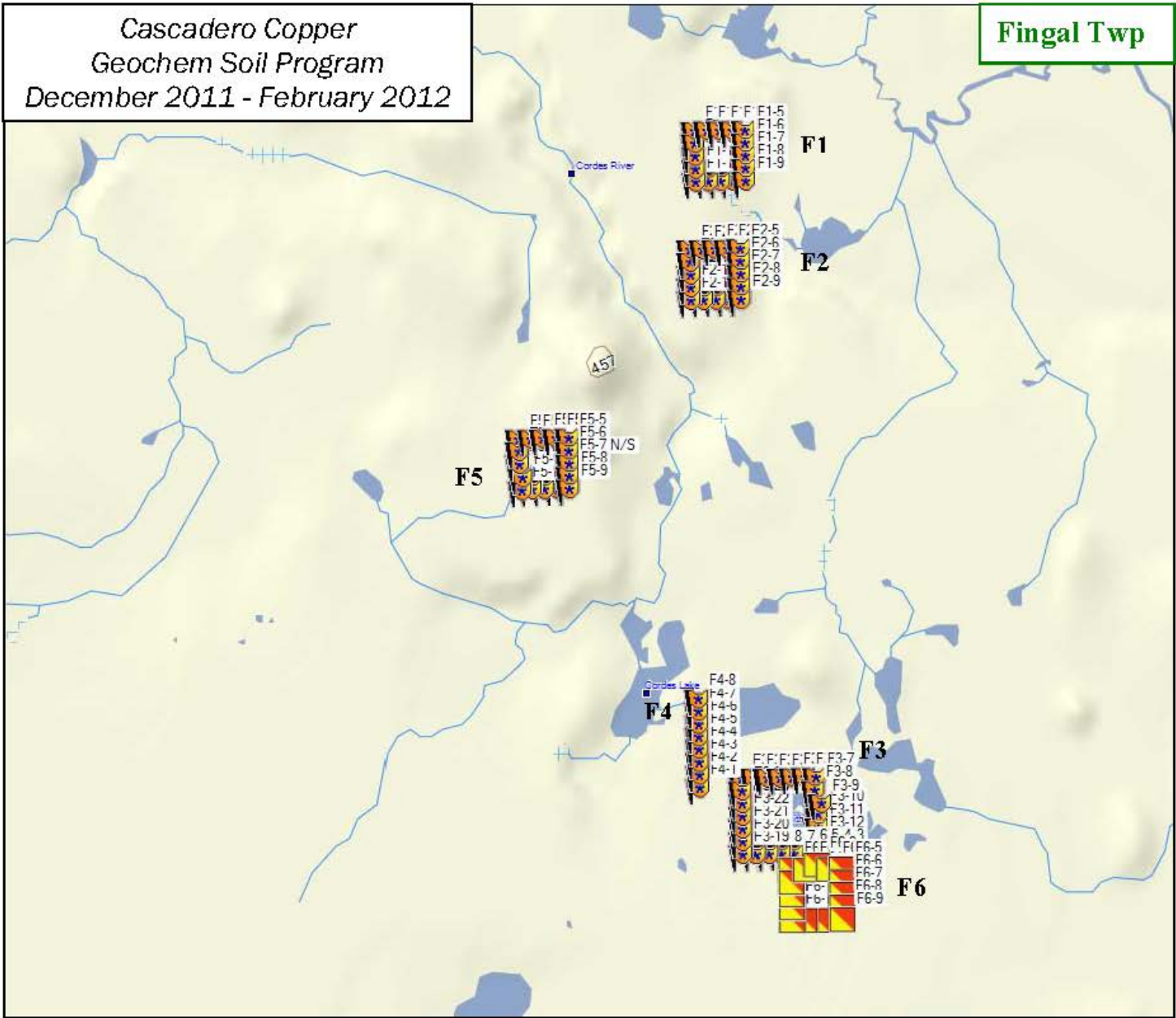
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Edith Twp



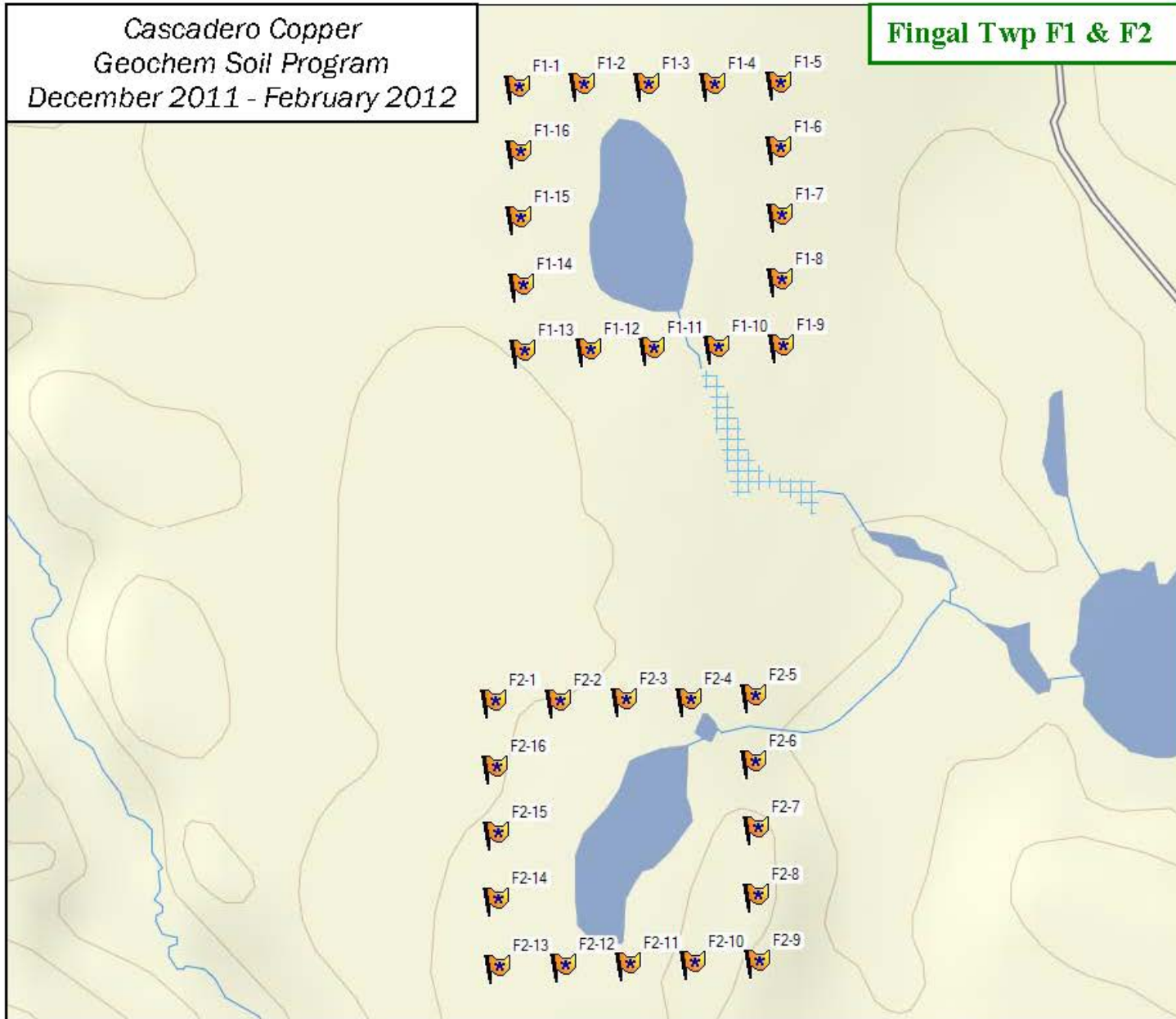
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp



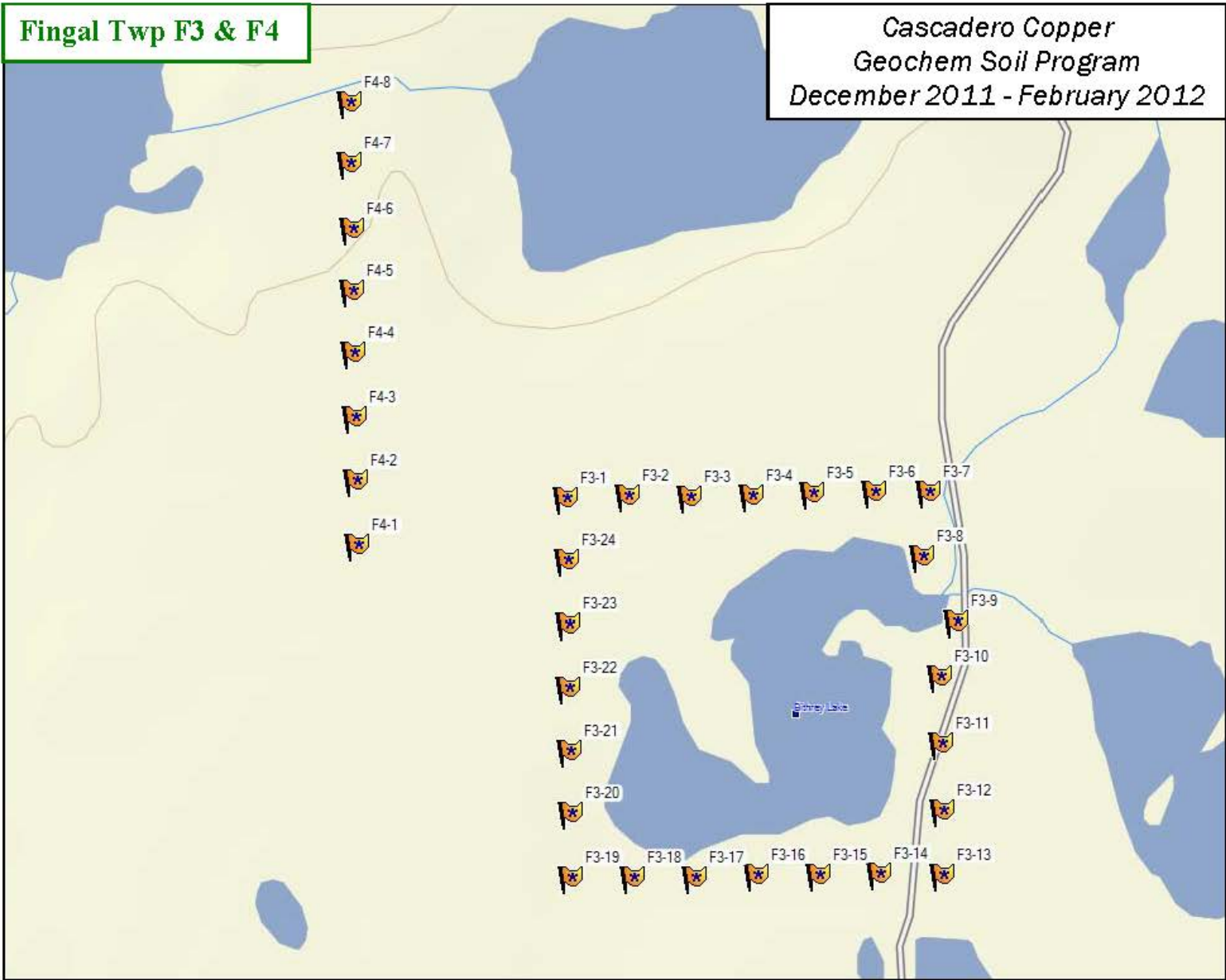
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp F1 & F2



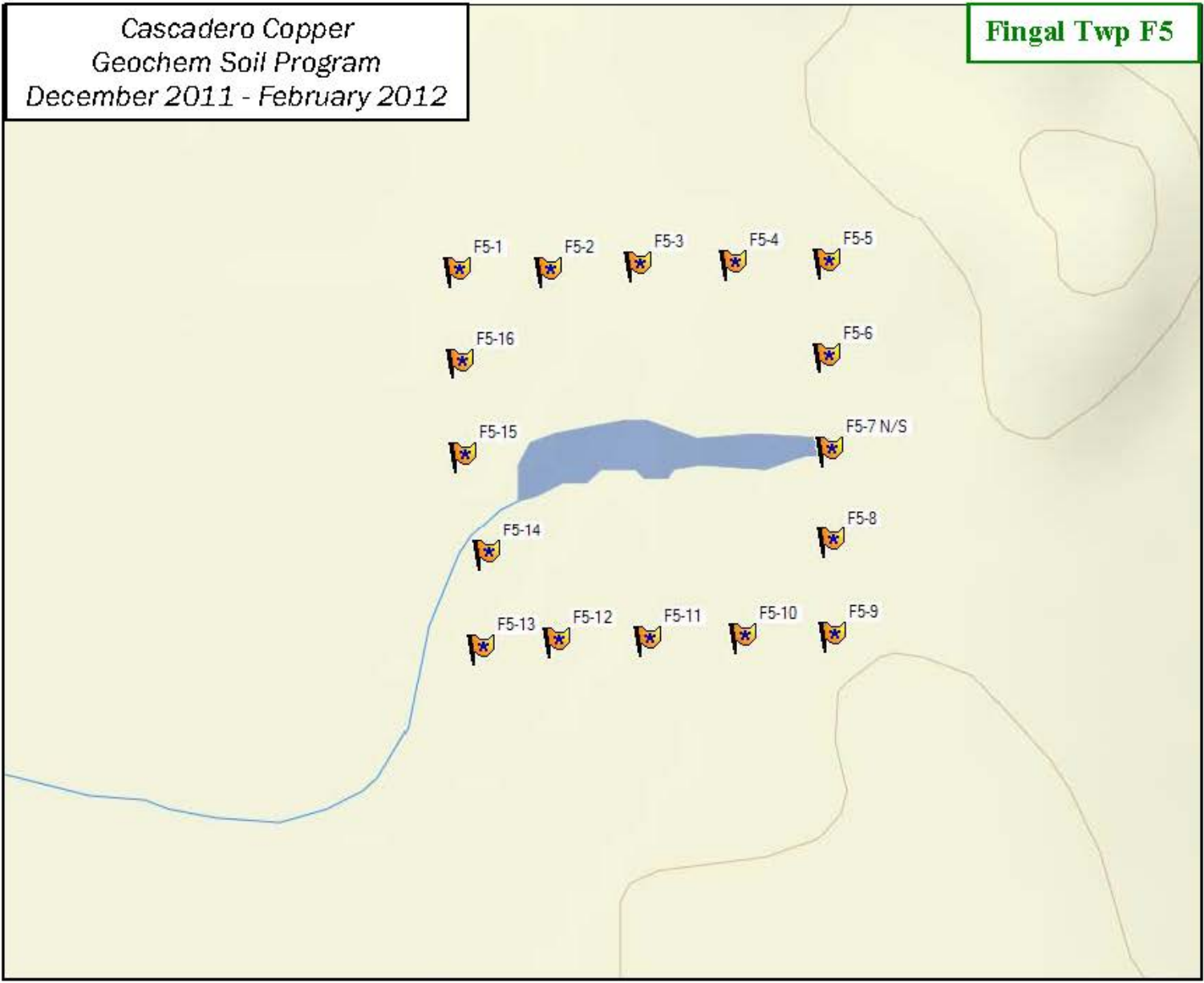
Fingal Twp F3 & F4

*Cascadero Copper
Geochem Soil Program
December 2011 - February 2012*



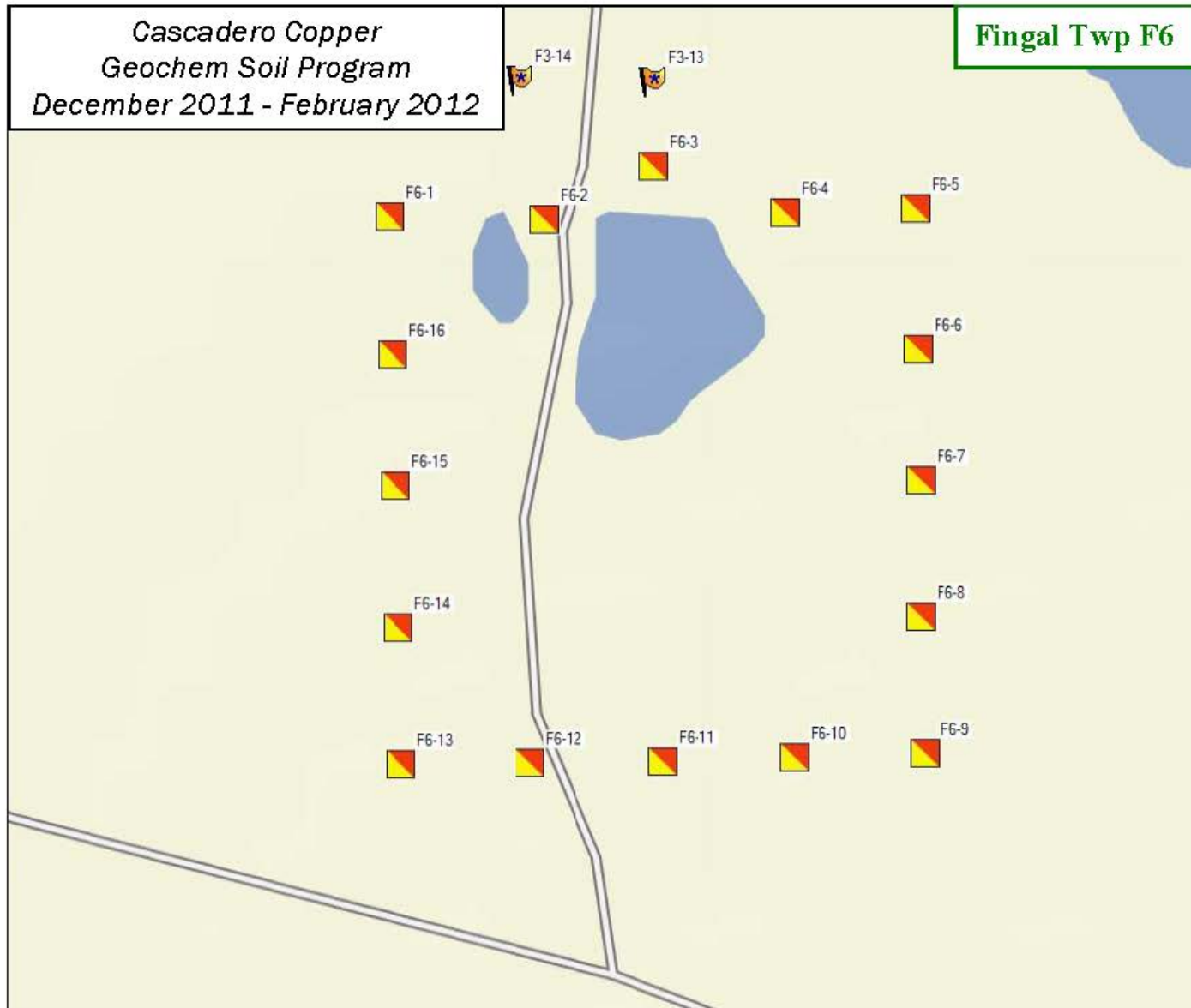
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

Fingal Twp F5



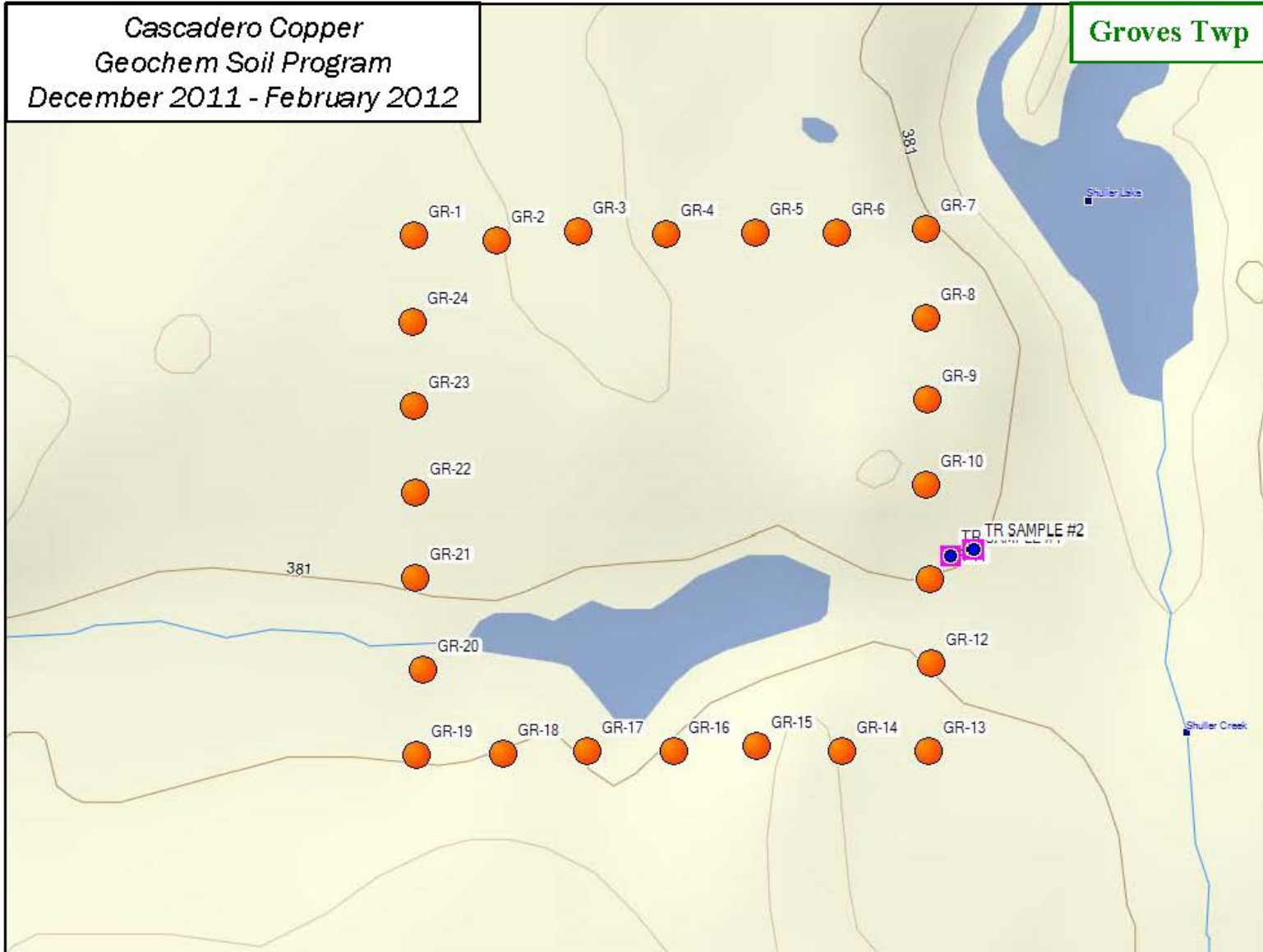
Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

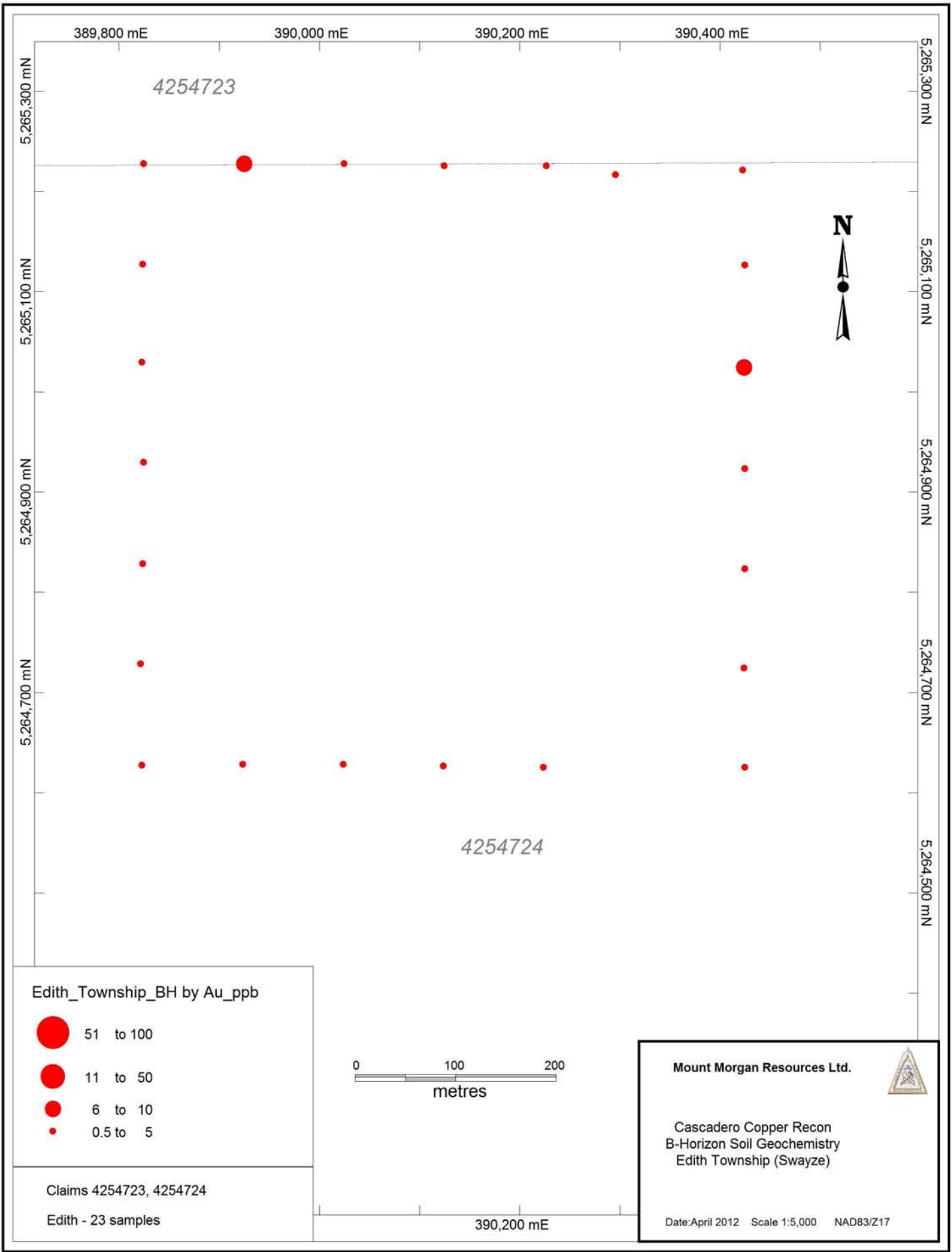
Fingal Twp F6



Cascadero Copper
Geochem Soil Program
December 2011 - February 2012

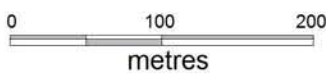
Groves Twp





Edith_Township_BH by Au_ppb

- 51 to 100
- 11 to 50
- 6 to 10
- 0.5 to 5



Mount Morgan Resources Ltd.



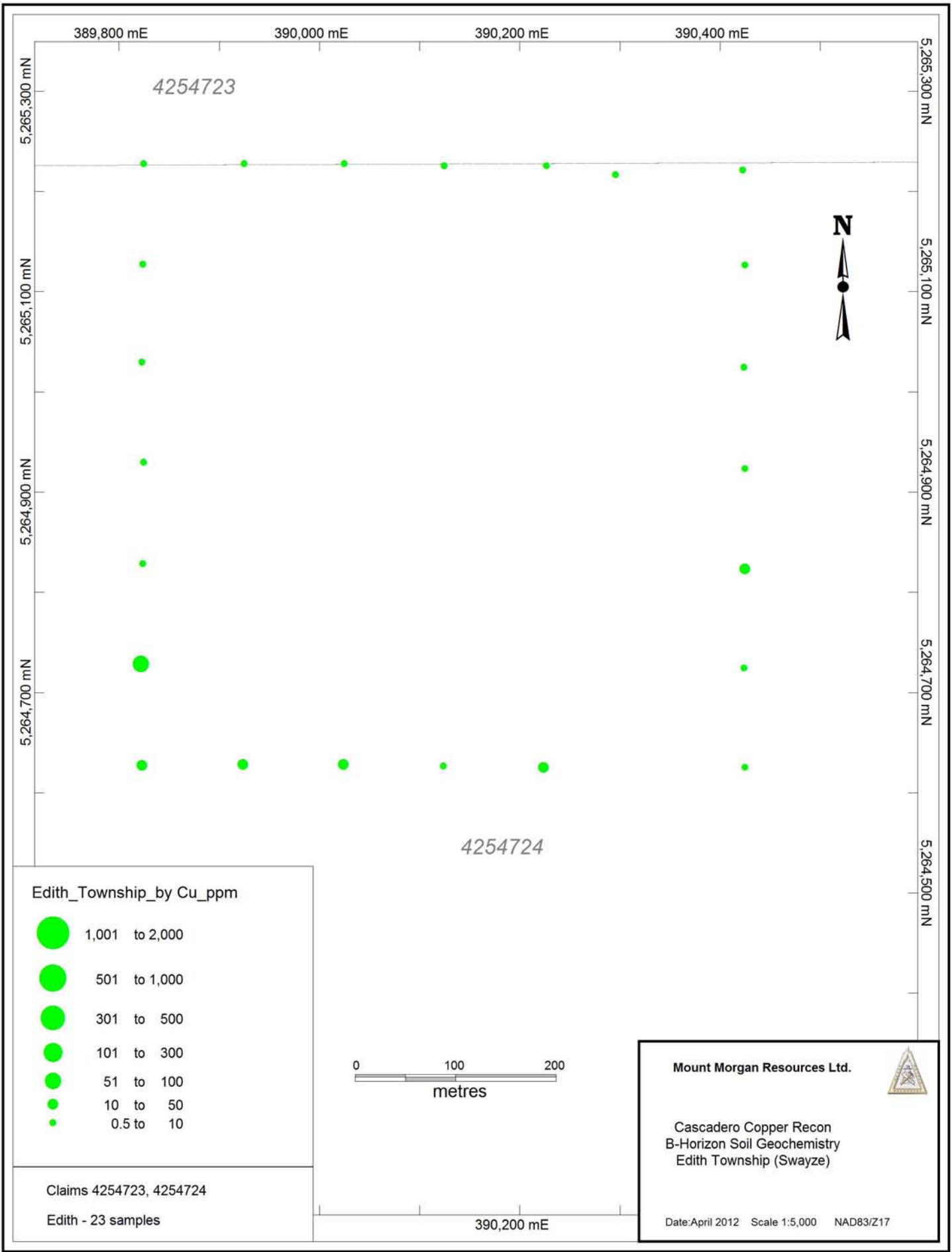
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Edith Township (Swayze)

Claims 4254723, 4254724

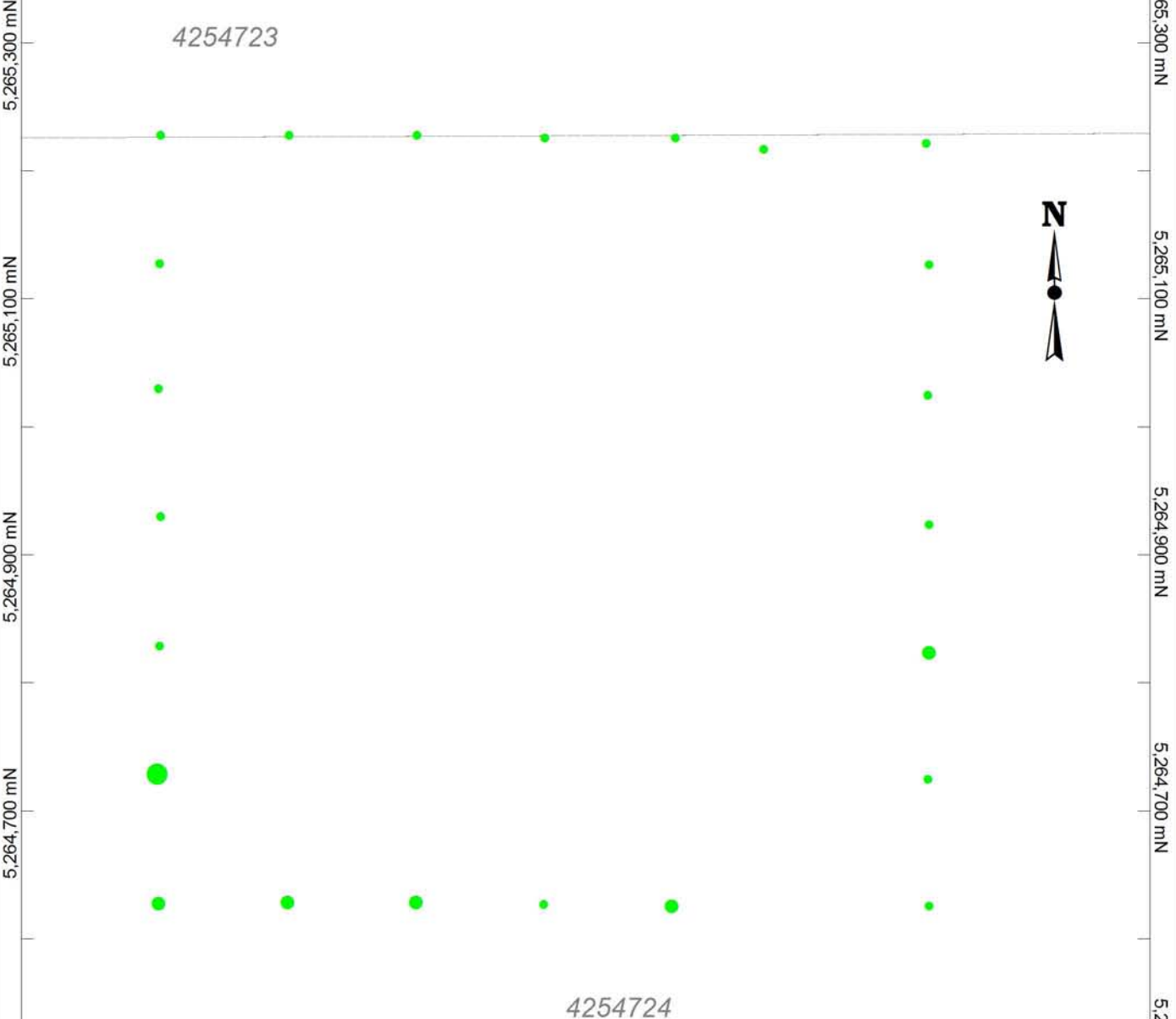
Edith - 23 samples

Date: April 2012 Scale 1:5,000 NAD83/Z17

390,200 mE



389,800 mE 390,000 mE 390,200 mE 390,400 mE










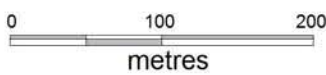
4254723

4254724



Edith_Township_by Cu_ppm

-  1,001 to 2,000
-  501 to 1,000
-  301 to 500
-  101 to 300
-  51 to 100
-  10 to 50
-  0.5 to 10



Mount Morgan Resources Ltd.



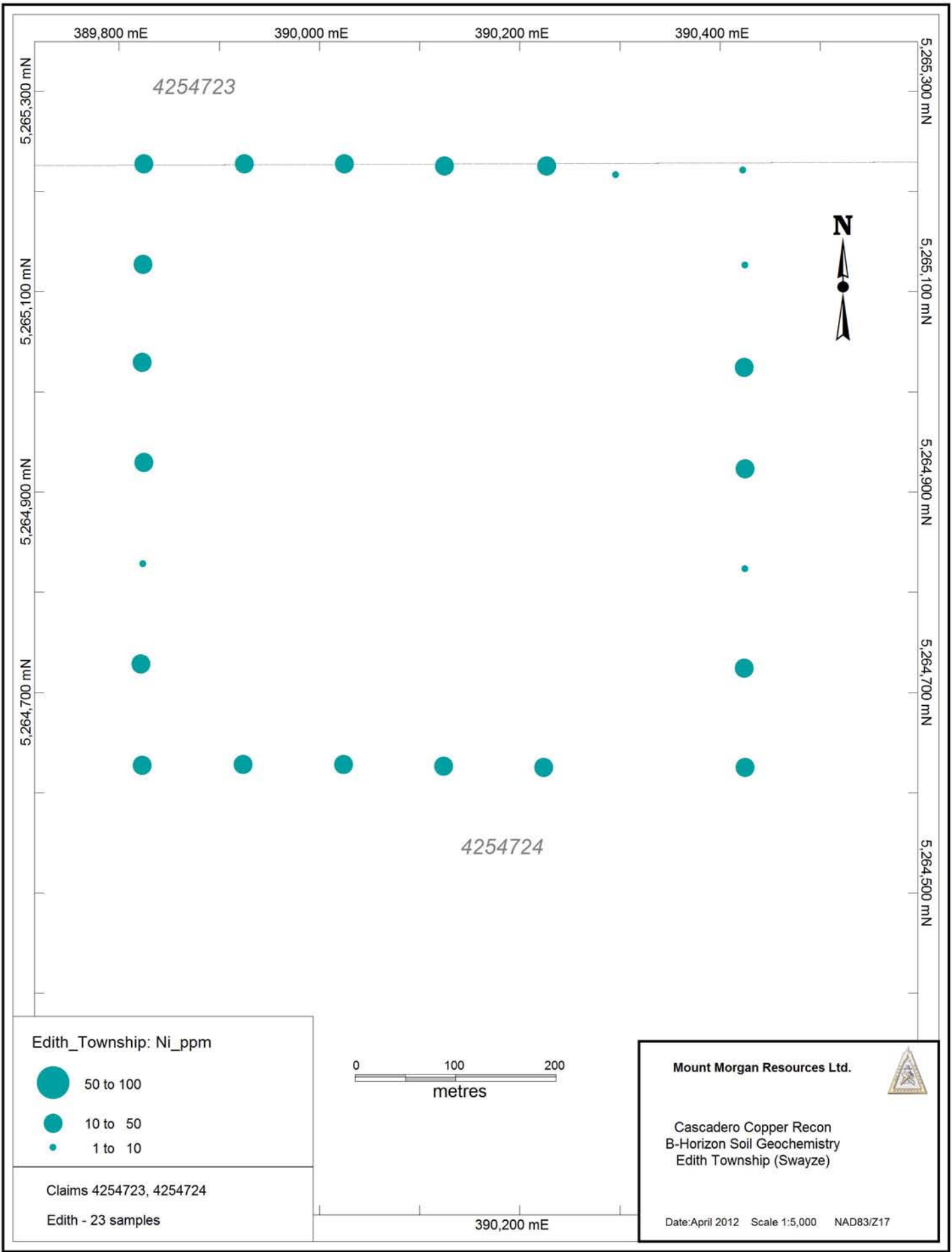
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Edith Township (Swayze)

Claims 4254723, 4254724

Edith - 23 samples

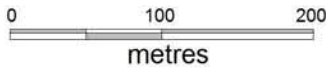
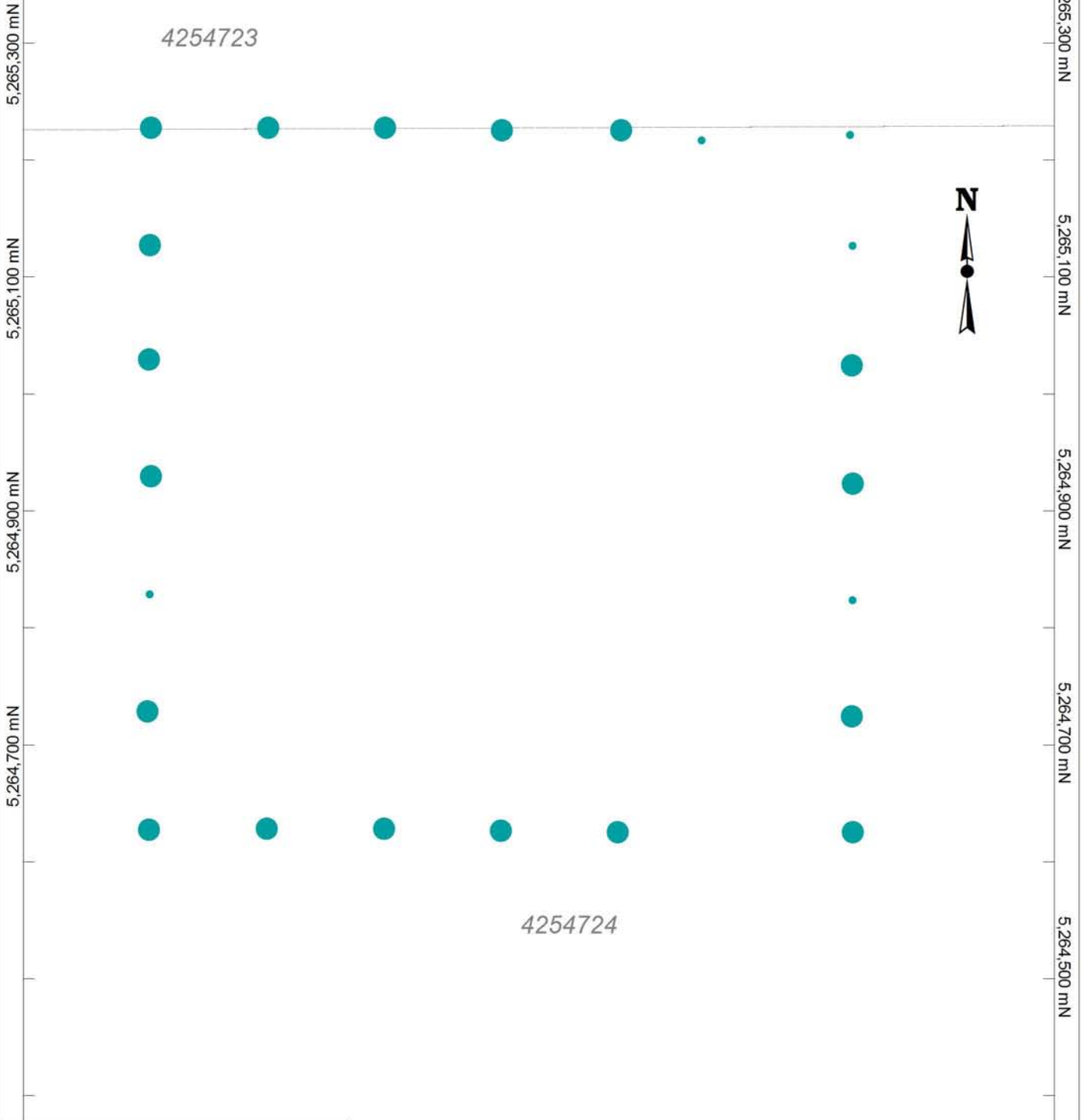
Date: April 2012 Scale 1:5,000 NAD83/Z17

390,200 mE



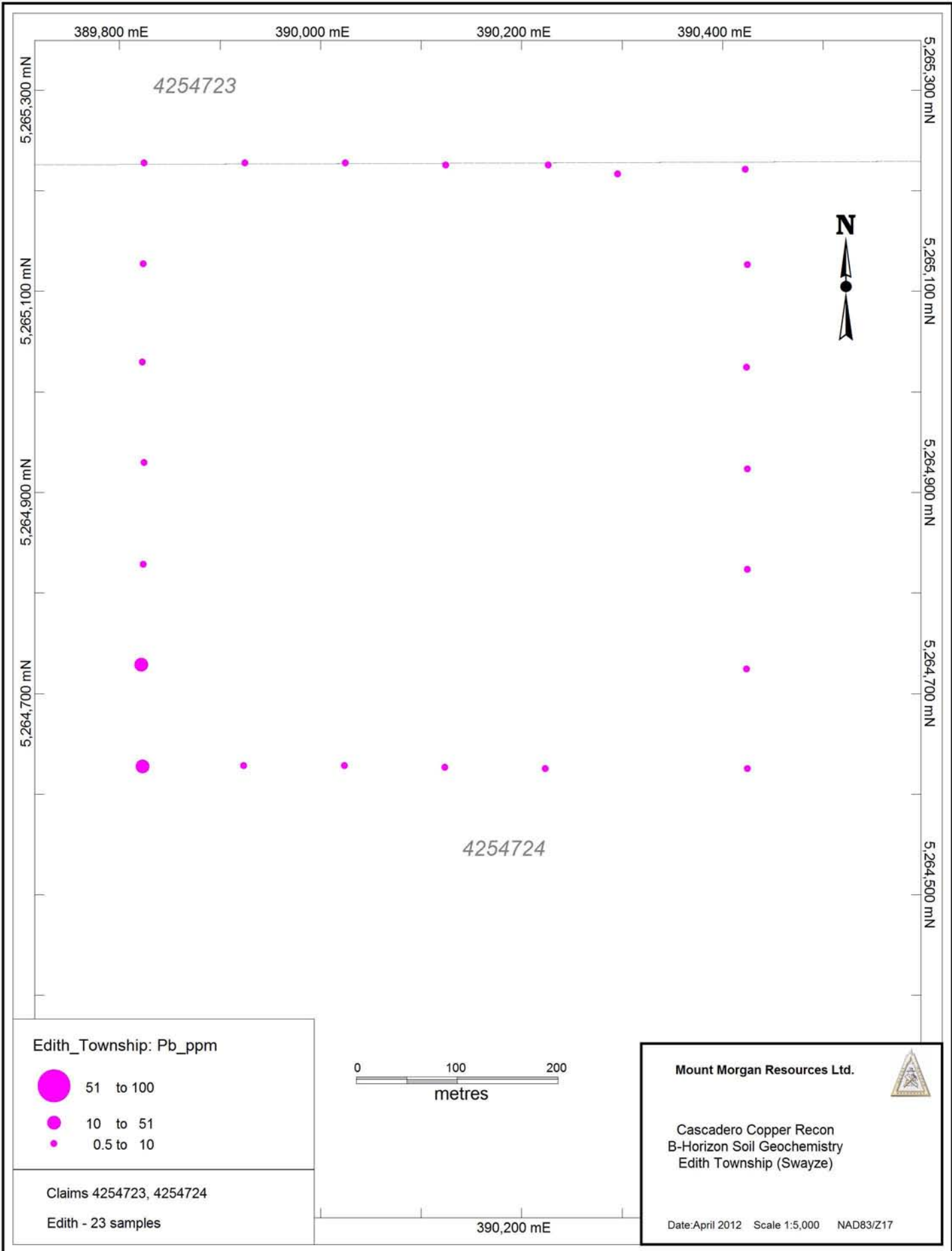
389,800 mE 390,000 mE 390,200 mE 390,400 mE

4254723



4254724

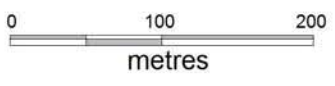
390,200 mE



Edith_Township: Pb_ppm

- 51 to 100
- 10 to 51
- 0.5 to 10

Claims 4254723, 4254724
 Edith - 23 samples

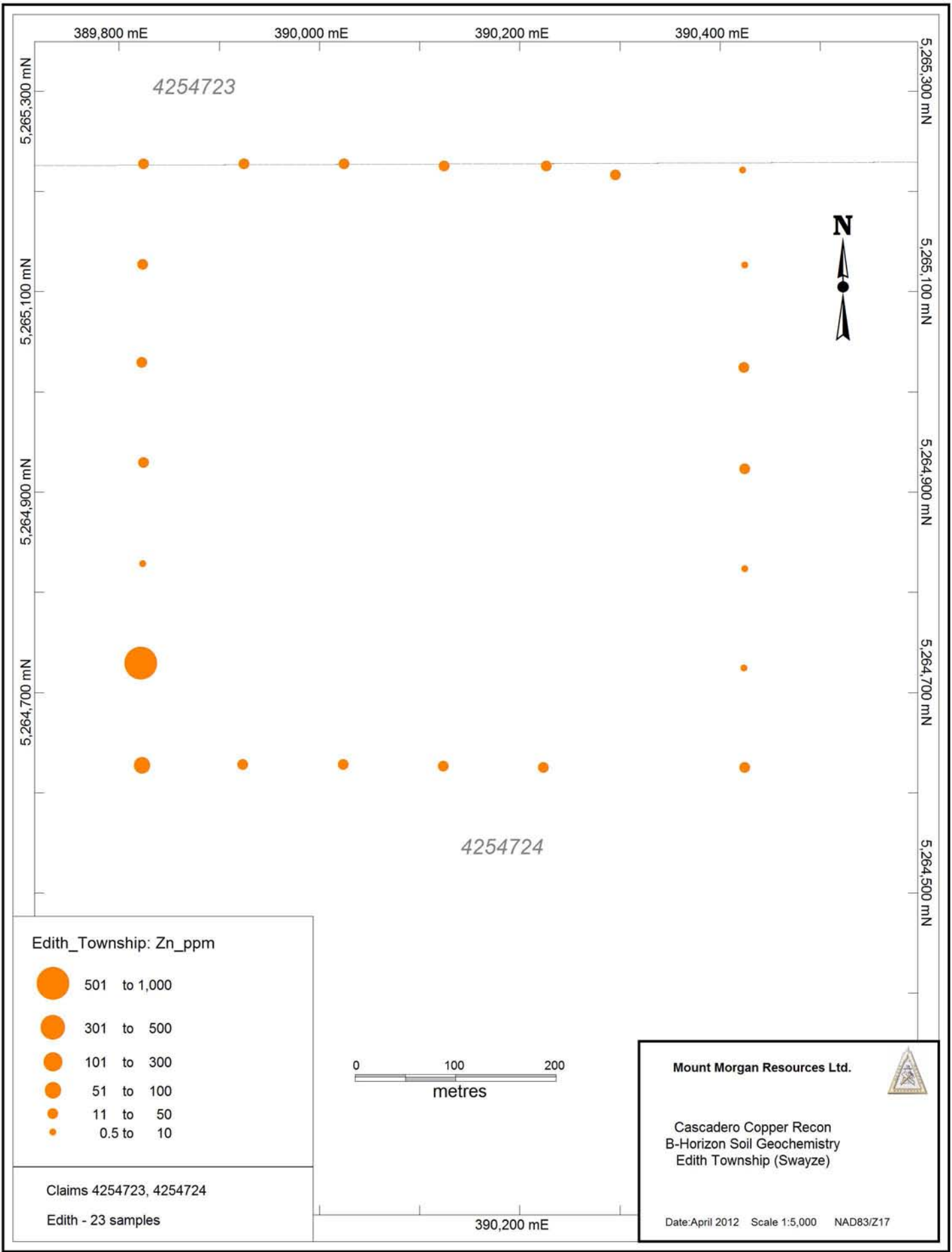


Mount Morgan Resources Ltd.



Cascadero Copper Recon
 B-Horizon Soil Geochemistry
 Edith Township (Swayze)

Date: April 2012 Scale 1:5,000 NAD83/Z17



389,800 mE

390,000 mE

390,200 mE

390,400 mE

5,265,300 mN

4254723

5,265,100 mN



5,265,300 mN

5,265,100 mN

5,264,900 mN

5,264,900 mN

5,264,700 mN

5,264,700 mN

4254724

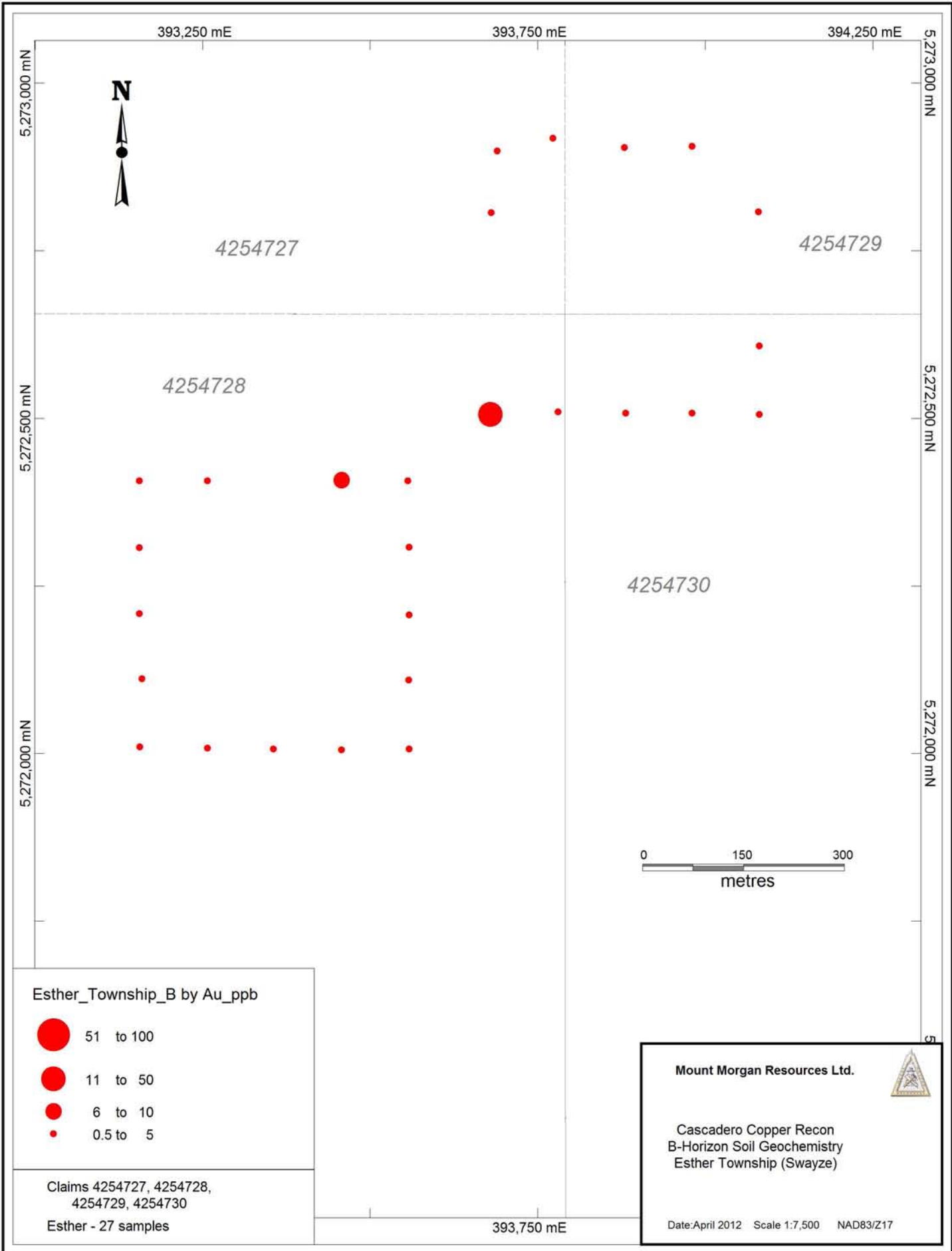
5,264,500 mN

Claims 4254723, 4254724

Edith - 23 samples

390,200 mE

Date: April 2012 Scale 1:5,000 NAD83/Z17



393,250 mE 393,750 mE 394,250 mE

5,273,000 mN
5,272,500 mN
5,272,000 mN

5,273,000 mN
5,272,500 mN
5,272,000 mN

4254727

4254729

4254728

4254730

0 150 300
metres

Esther_Township_B by Au_ppb

- 51 to 100
- 11 to 50
- 6 to 10
- 0.5 to 5

Claims 4254727, 4254728,
4254729, 4254730
Esther - 27 samples

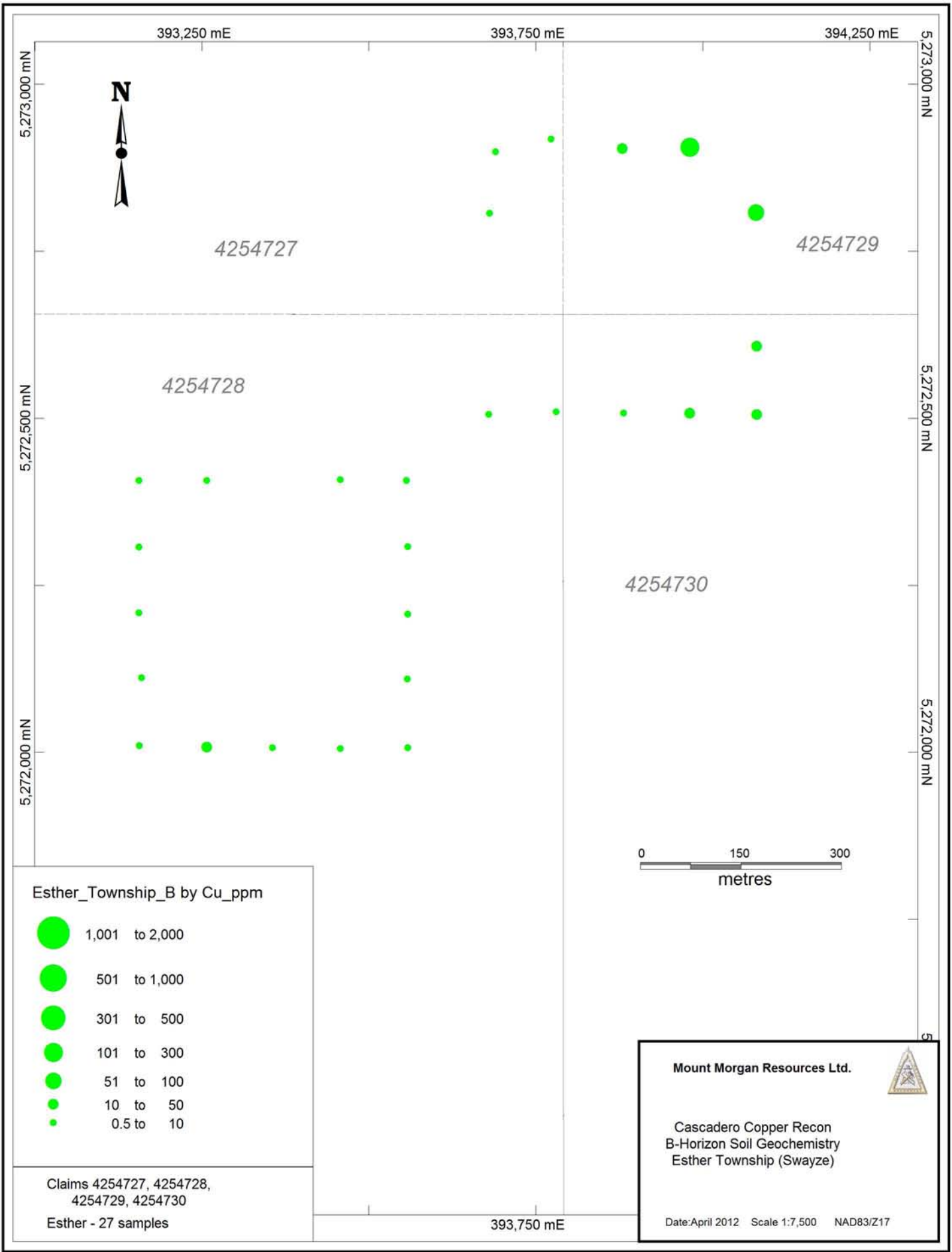
Mount Morgan Resources Ltd.

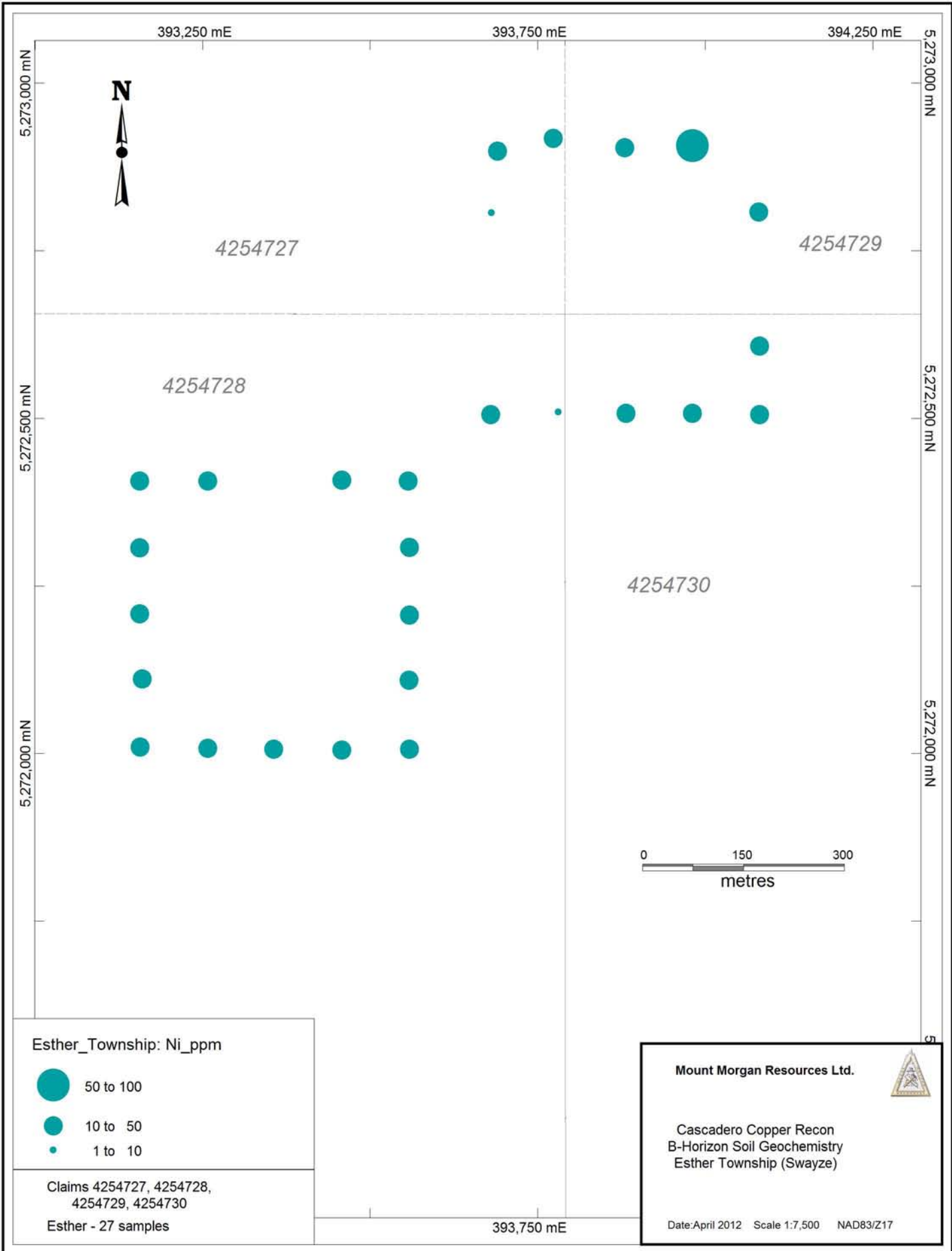


Cascadero Copper Recon
B-Horizon Soil Geochemistry
Esther Township (Swayze)

Date: April 2012 Scale 1:7,500 NAD83/Z17

393,750 mE





393,250 mE 393,750 mE 394,250 mE

5,273,000 mN
5,272,500 mN
5,272,000 mN

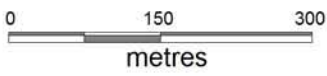
5,273,000 mN
5,272,500 mN
5,272,000 mN

4254727

4254729

4254728

4254730



Esther_Township: Ni_ppm

- 50 to 100
- 10 to 50
- 1 to 10

Claims 4254727, 4254728,
4254729, 4254730
Esther - 27 samples

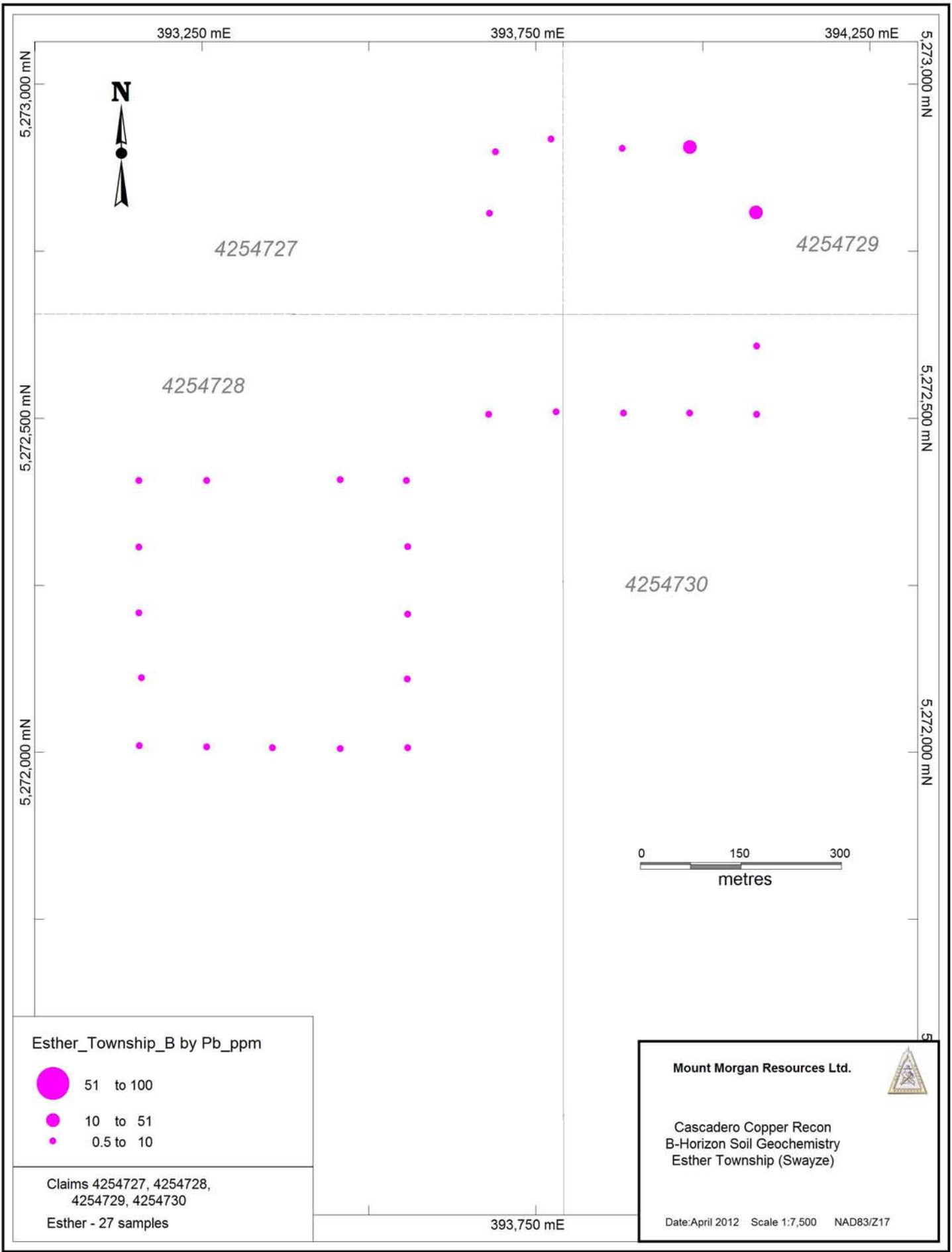
Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Esther Township (Swayze)

Date: April 2012 Scale 1:7,500 NAD83/Z17

393,750 mE



393,250 mE

393,750 mE

394,250 mE

5,273,000 mN

5,273,000 mN



4254727

4254729

4254728

5,272,500 mN

5,272,500 mN

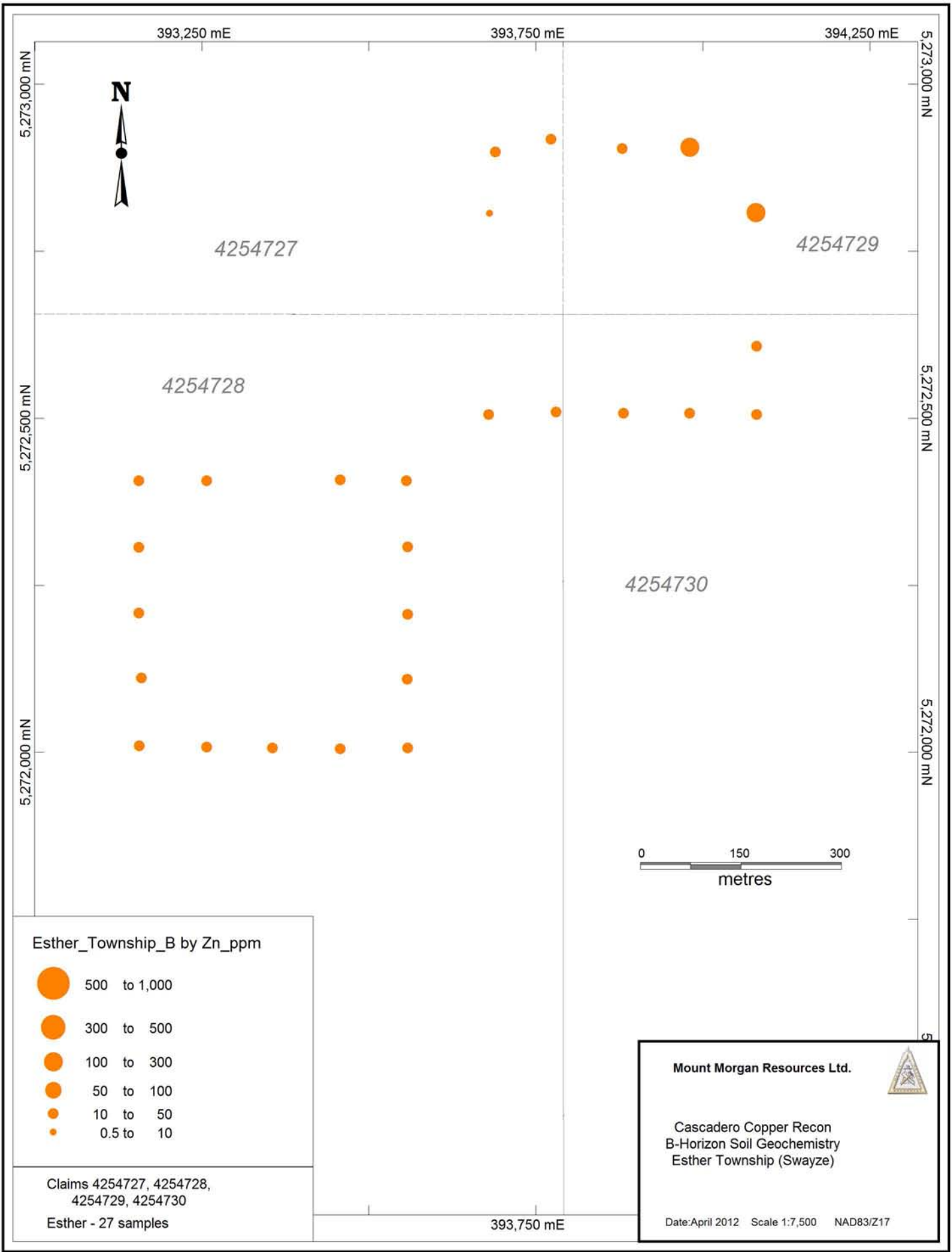
4254730

5,272,000 mN

5,272,000 mN



393,750 mE



393,250 mE

393,750 mE

394,250 mE

5,273,000 mN

5,273,000 mN



4254727

4254729

5,272,500 mN

5,272,500 mN

4254728

4254730

5,272,000 mN

5,272,000 mN

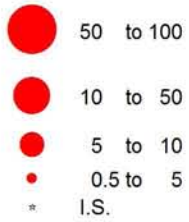


5

393,750 mE

Fingal - 47 samples
North Area

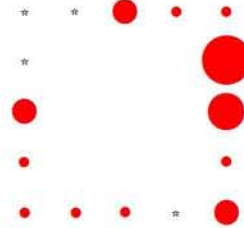
Fingal_Township (north): Au_ppb



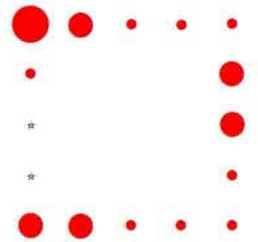
404,500 mE

405,500 mE

4246488



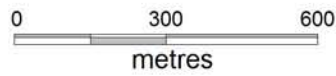
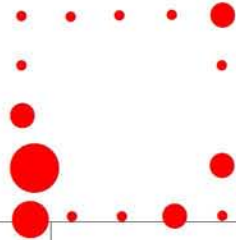
4245973



4254726

4254707

4245972



5,268,000 mN

5,268,000 mN

5,267,000 mN

5,267,000 mN

5,266,000 mN

5,266,000 mN

4254706

4245971

4254704

403,500 mE

404,500 mE

Mount Morgan Resources Ltd.

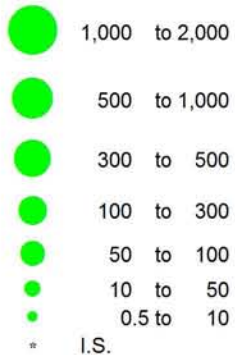


Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
North Area

Date: April 2012 Scale 1:15,000 NAD83/Z17

Fingal - 47 samples
North Area

Fingal_Township (north): Cu_ppm



404,500 mE 405,500 mE

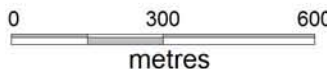
4246488

4245973

4254726

4254707

4245972



5,268,000 mN

5,267,000 mN

5,266,000 mN

5,268,000 mN

5,267,000 mN

5,266,000

4254706

4245971

4254704

403,500 mE

404,500 mE

Mount Morgan Resources Ltd.







Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
North Area

Date: April 2012 Scale 1:15,000 NAD83/Z17

Fingal - 47 samples
North Area

Fingal_Township (north): Ni_ppm

-  50 to 100
-  10 to 50
-  1 to 10
-  I.S.



404,500 mE

405,500 mE

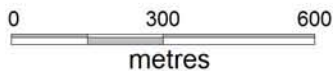
4246488

4245973

4254726

4254707

4245972



5,268,000 mN

5,268,000 mN

5,267,000 mN

5,267,000 mN

5,266,000 mN

5,266,000 mN

4254706

4245971

4254704

403,500 mE

404,500 mE

Mount Morgan Resources Ltd.

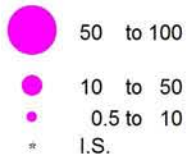


Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
North Area

Date: April 2012 Scale 1:15,000 NAD83/Z17

Fingal - 47 samples
North Area

Fingal_Township (north): Pb_ppm



404,500 mE 405,500 mE

4246488

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5,268,000 mN

5,268,000 mN

5,267,000 mN

5,267,000 mN

5,266,000 mN

5,266,000 mN

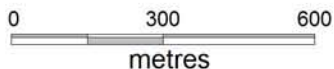
4254707

4245972

4254706

4245971

4254704



Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
North Area

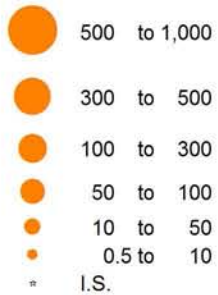
Date: April 2012 Scale 1:15,000 NAD83/Z17

403,500 mE

404,500 mE

Fingal - 47 samples
North Area

Fingal_Township (north): Zn_ppm



404,500 mE 405,500 mE

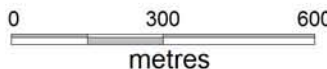
4246488

4245973

4254726

4254707

4245972



5,268,000

5,268,000 mN

5,267,000 mN

5,267,000 mN

5,266,000 mN

5,266,000

4254706

4245971

4254704

403,500 mE

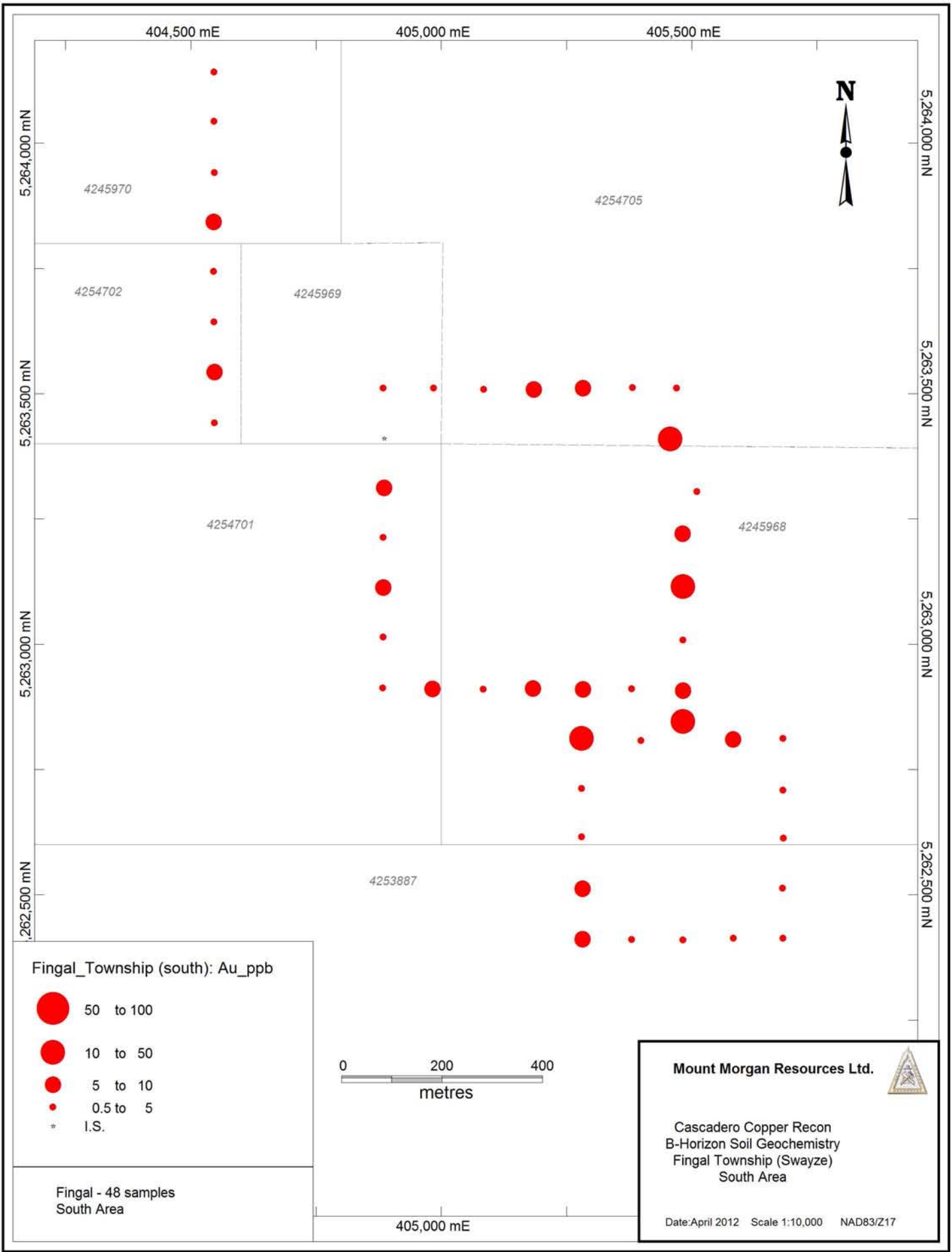
404,500 mE

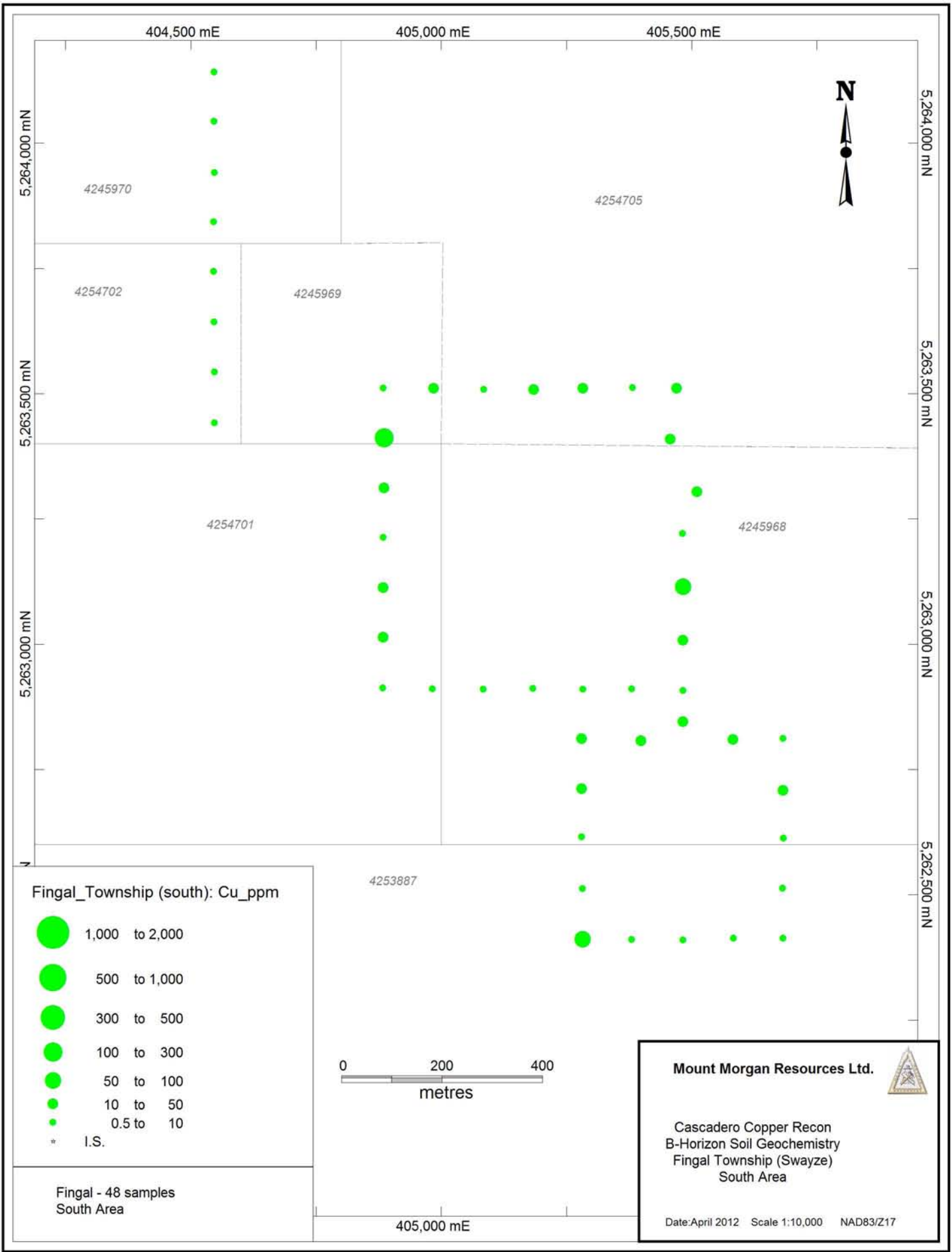
Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
North Area

Date: April 2012 Scale 1:15,000 NAD83/Z17





404,500 mE

405,000 mE

405,500 mE

5,264,000 mN

5,264,000 mN

5,263,500 mN

5,263,500 mN

5,263,000 mN

5,263,000 mN

5,262,500 mN

4245970

4254705

4254702

4245969

4254701

4245968

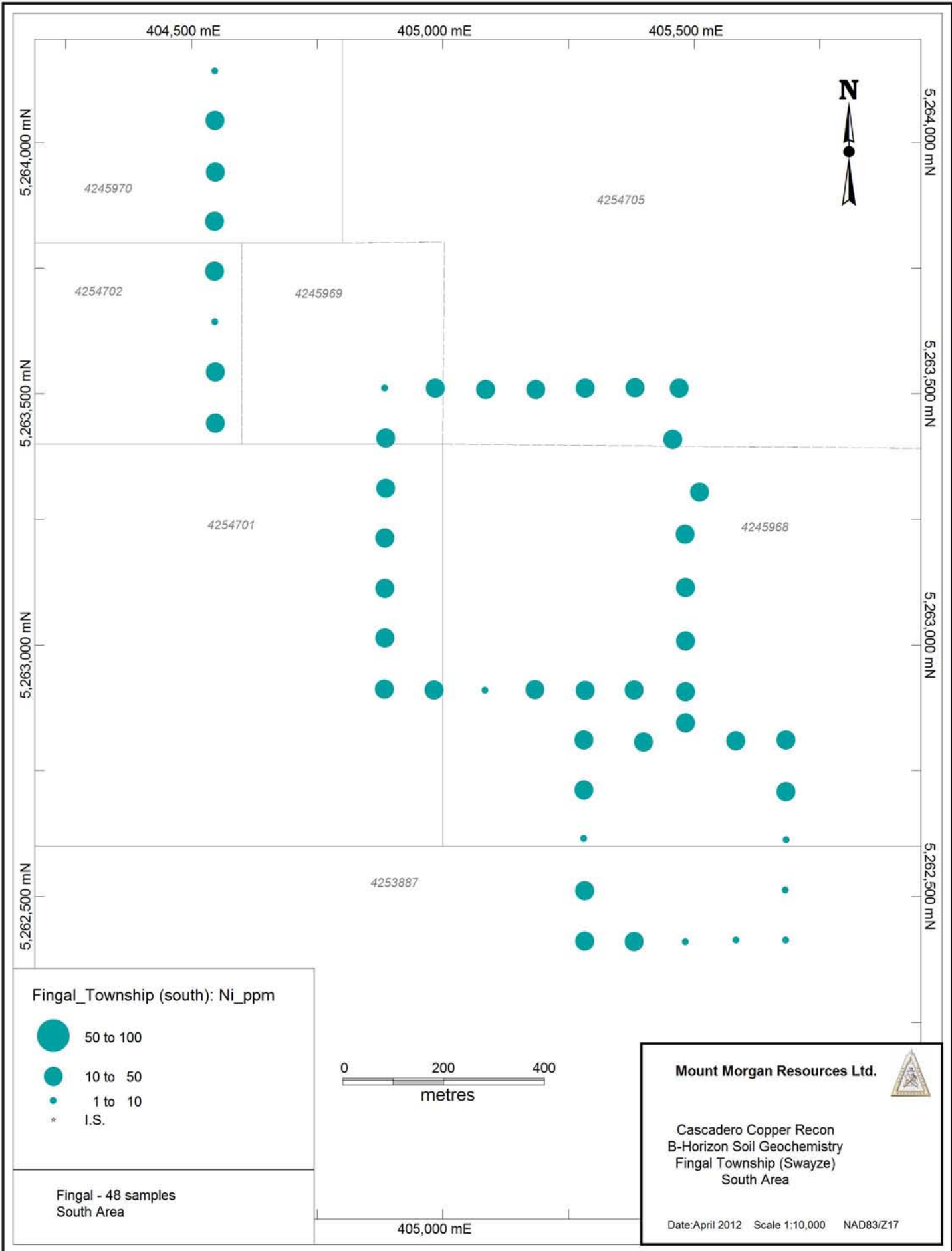
4253887

0 200 400
metres



Fingal - 48 samples
South Area

405,000 mE



404,500 mE

405,000 mE

405,500 mE

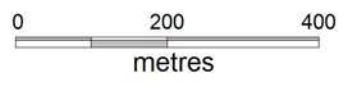
5,264,000 mN
5,263,500 mN
5,263,000 mN
5,262,500 mN

5,264,000 mN
5,263,500 mN
5,263,000 mN
5,262,500 mN



Fingal_Township (south): Ni_ppm

- 50 to 100
- 10 to 50
- 1 to 10
- * I.S.



Mount Morgan Resources Ltd.

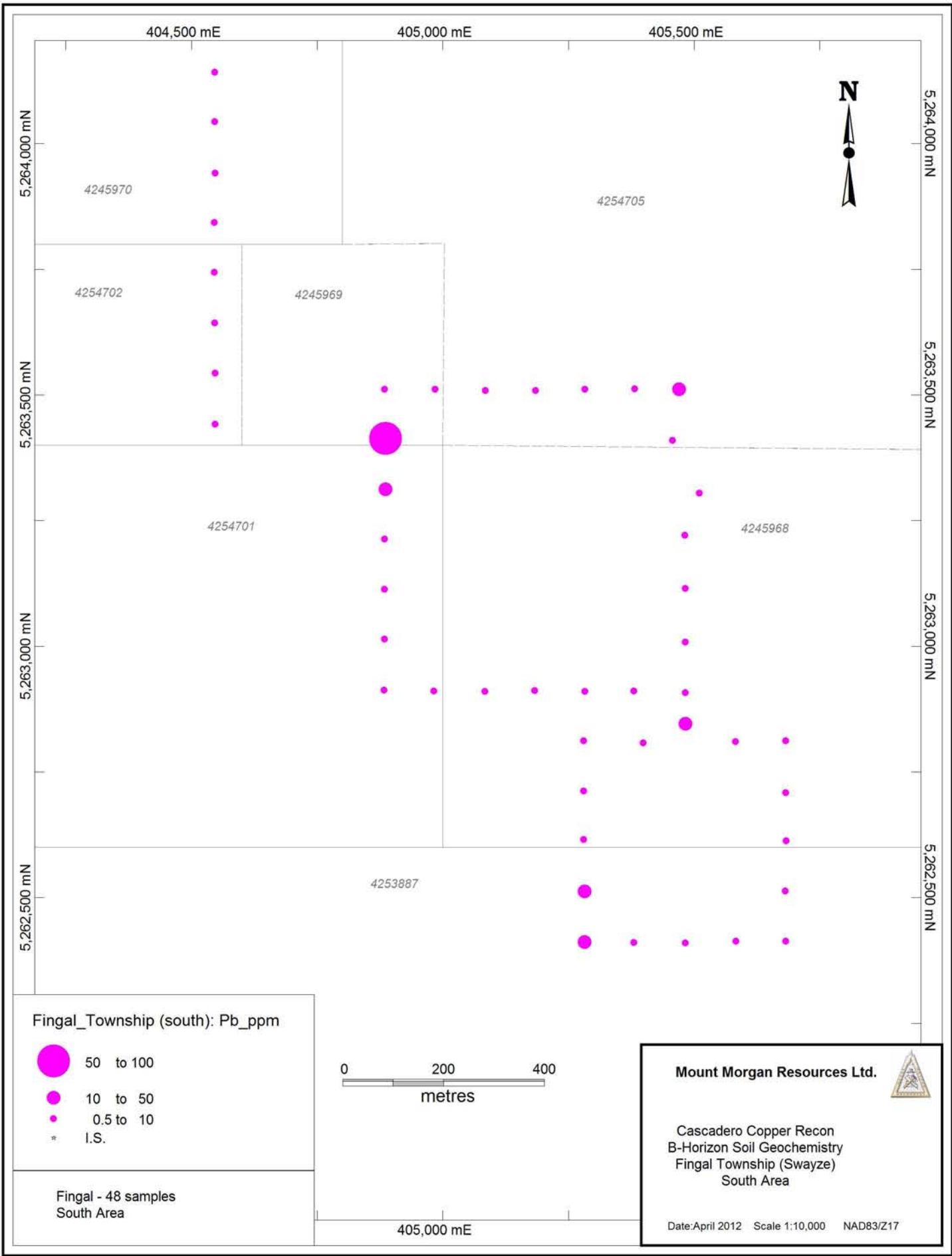


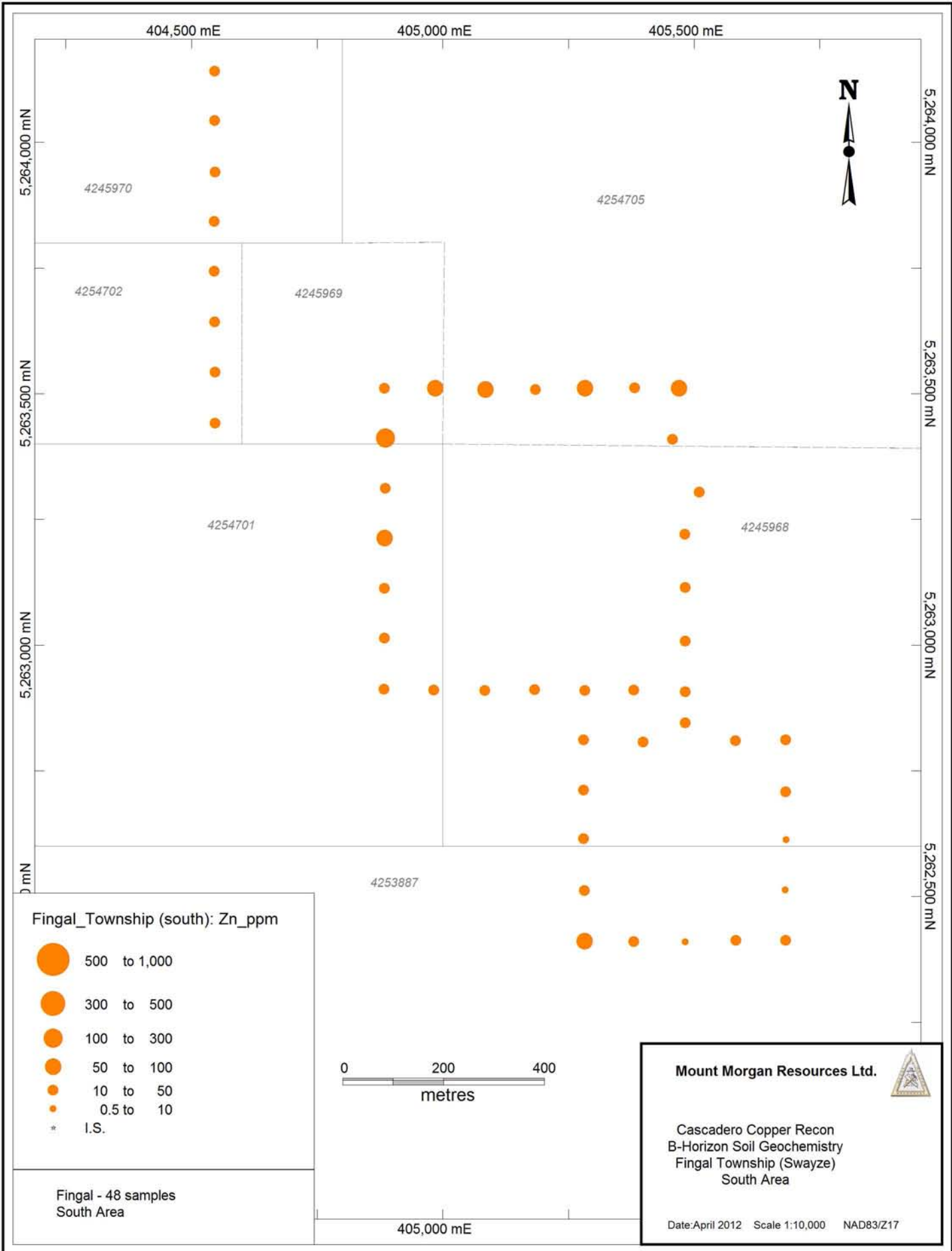
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
South Area

Fingal - 48 samples
South Area

Date: April 2012 Scale 1:10,000 NAD83/Z17

405,000 mE





404,500 mE

405,000 mE

405,500 mE

5,264,000 mN
5,263,500 mN
5,263,000 mN
5,262,500 mN

5,264,000 mN
5,263,500 mN
5,263,000 mN
5,262,500 mN



4245970

4254705

4254702







4245969

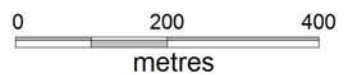
4254701

4245968

4253887

Fingal_Township (south): Zn_ppm

-  500 to 1,000
-  300 to 500
-  100 to 300
-  50 to 100
-  10 to 50
-  0.5 to 10
- * I.S.



Fingal - 48 samples
South Area

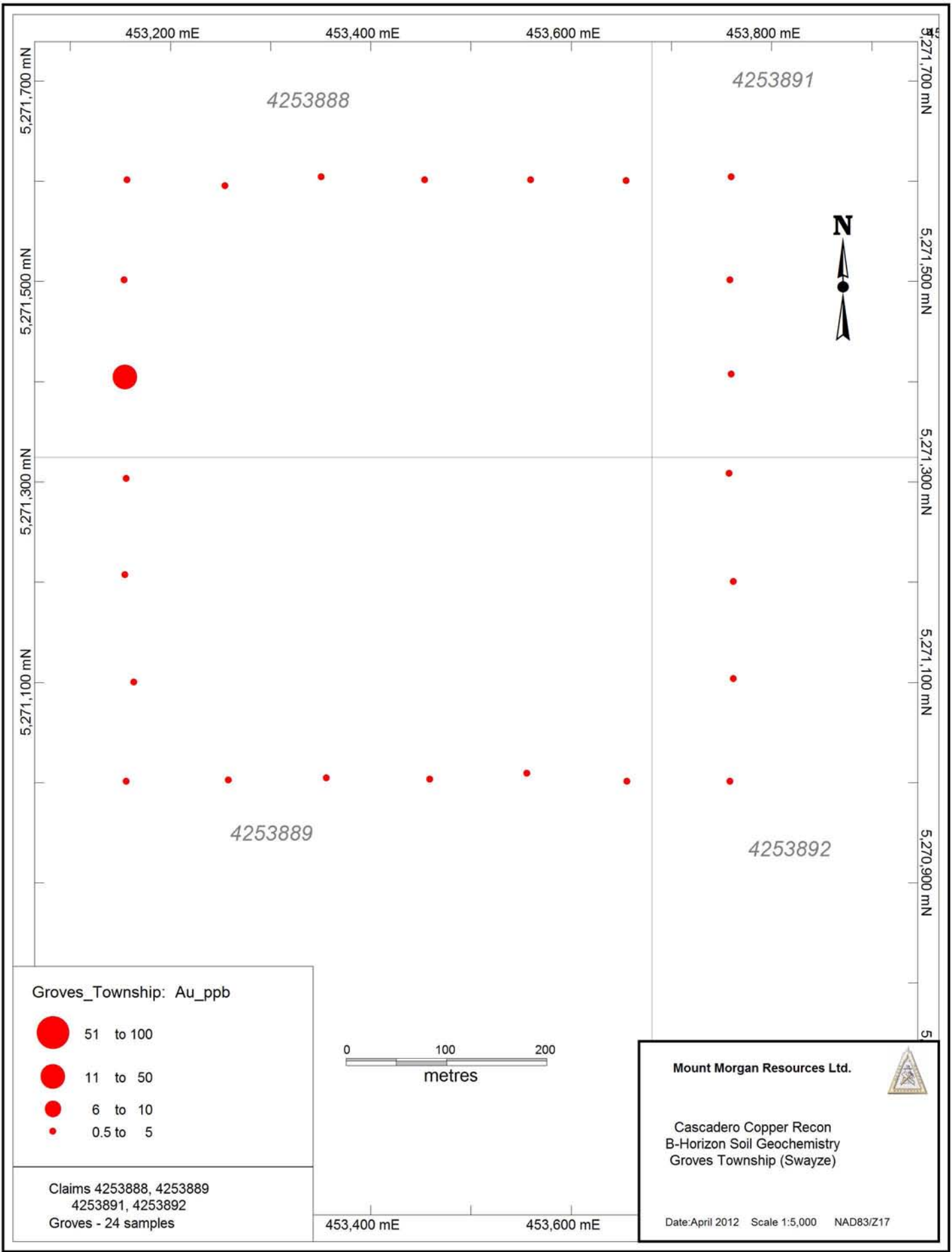
Mount Morgan Resources Ltd.



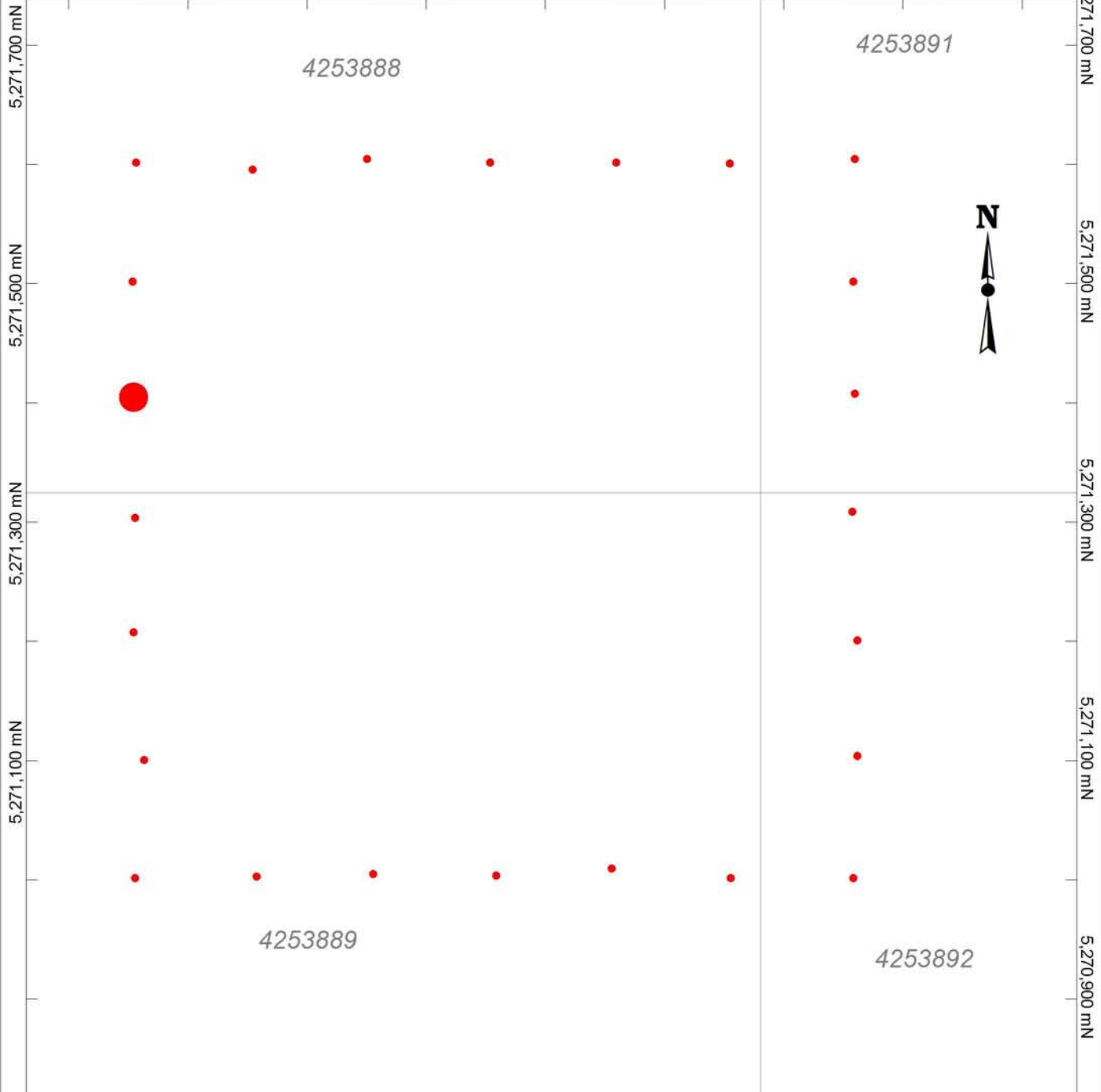
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Fingal Township (Swayze)
South Area

Date: April 2012 Scale 1:10,000 NAD83/Z17

405,000 mE



453,200 mE 453,400 mE 453,600 mE 453,800 mE



4253888



4253891

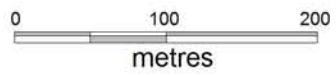
4253889

4253892



Groves_Township: Au_ppb

-  51 to 100
-  11 to 50
-  6 to 10
-  0.5 to 5



Mount Morgan Resources Ltd.

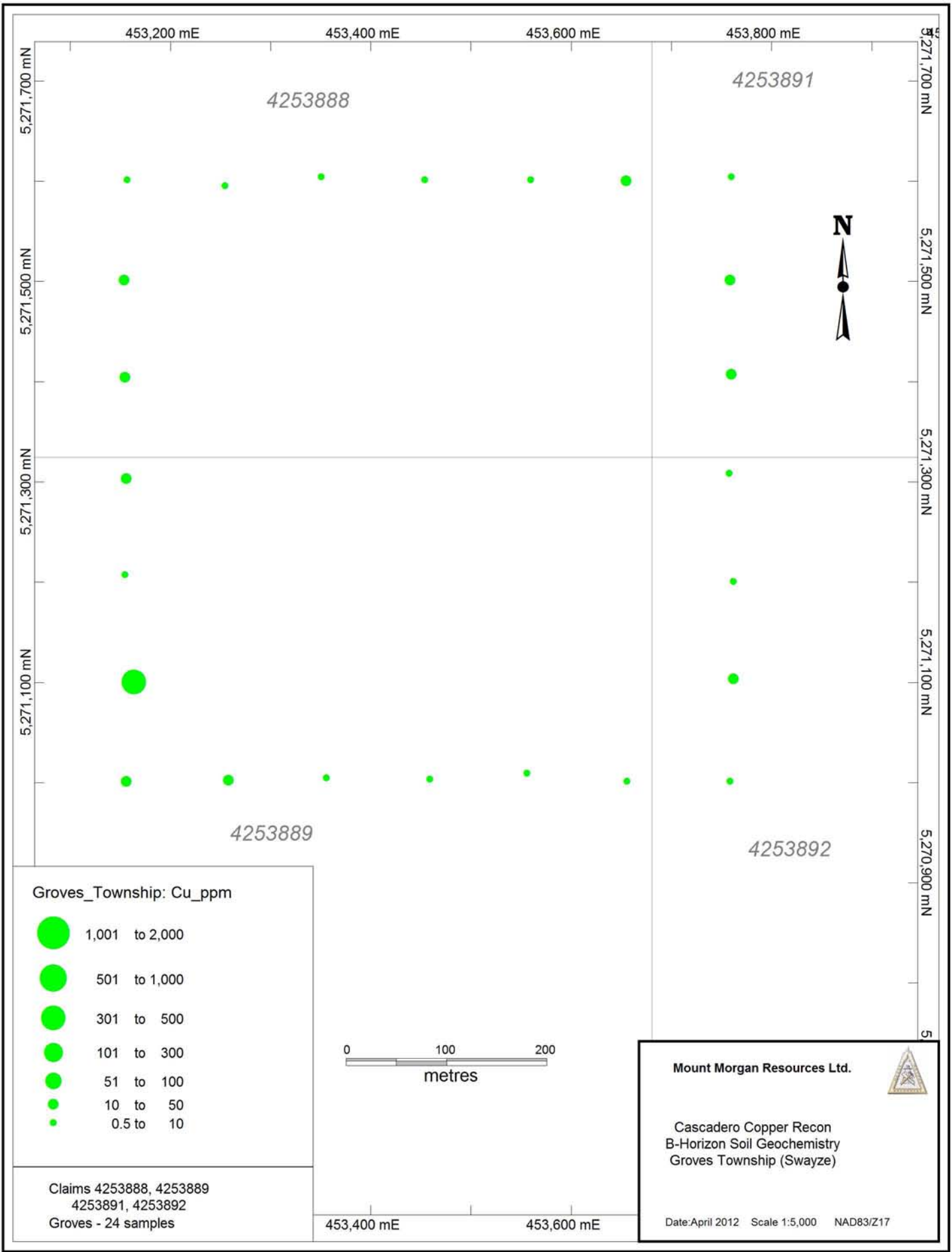


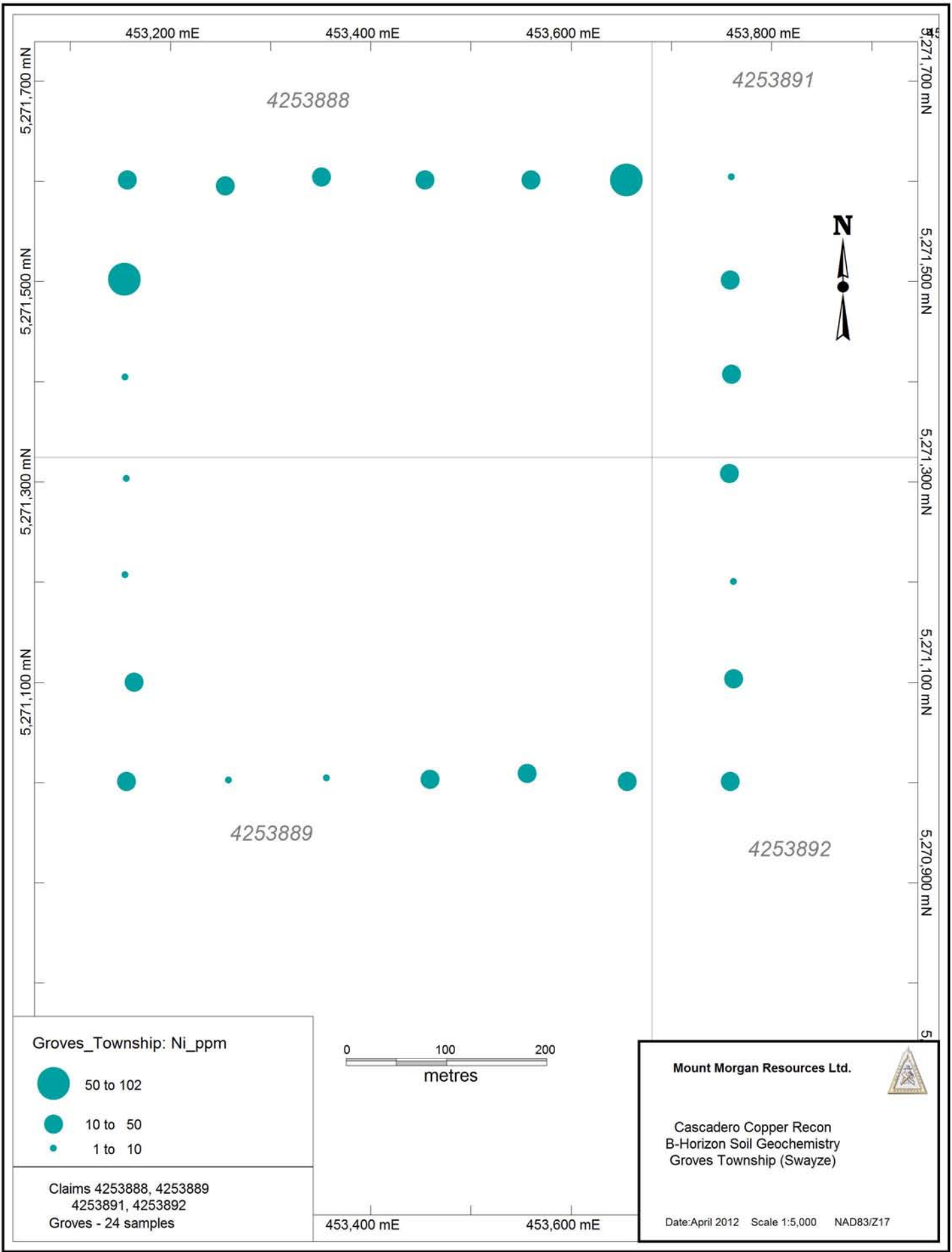
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Groves Township (Swayze)

Claims 4253888, 4253889
4253891, 4253892
Groves - 24 samples

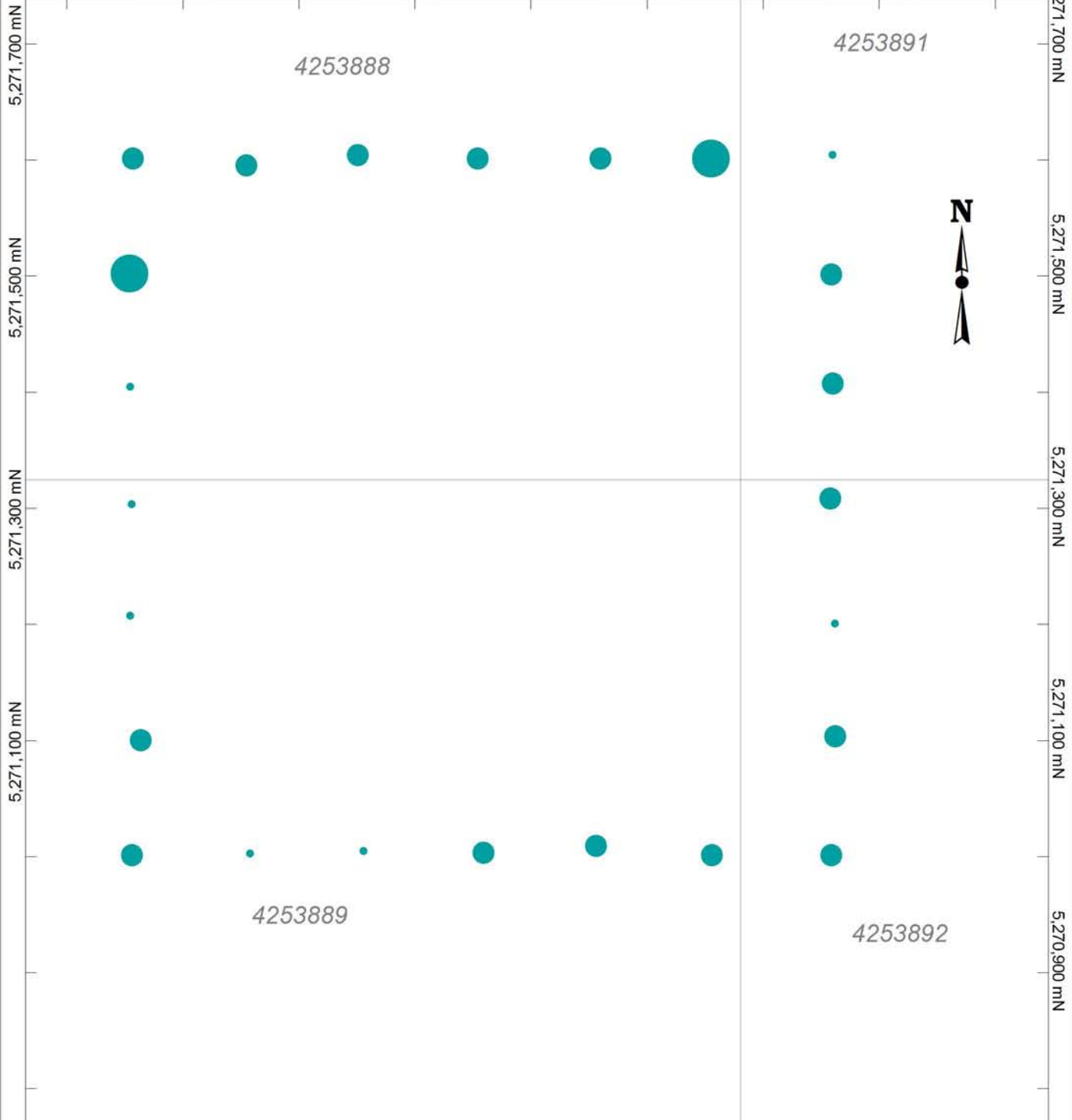
453,400 mE 453,600 mE

Date: April 2012 Scale 1:5,000 NAD83/Z17





453,200 mE 453,400 mE 453,600 mE 453,800 mE



4253888

4253891

4253889

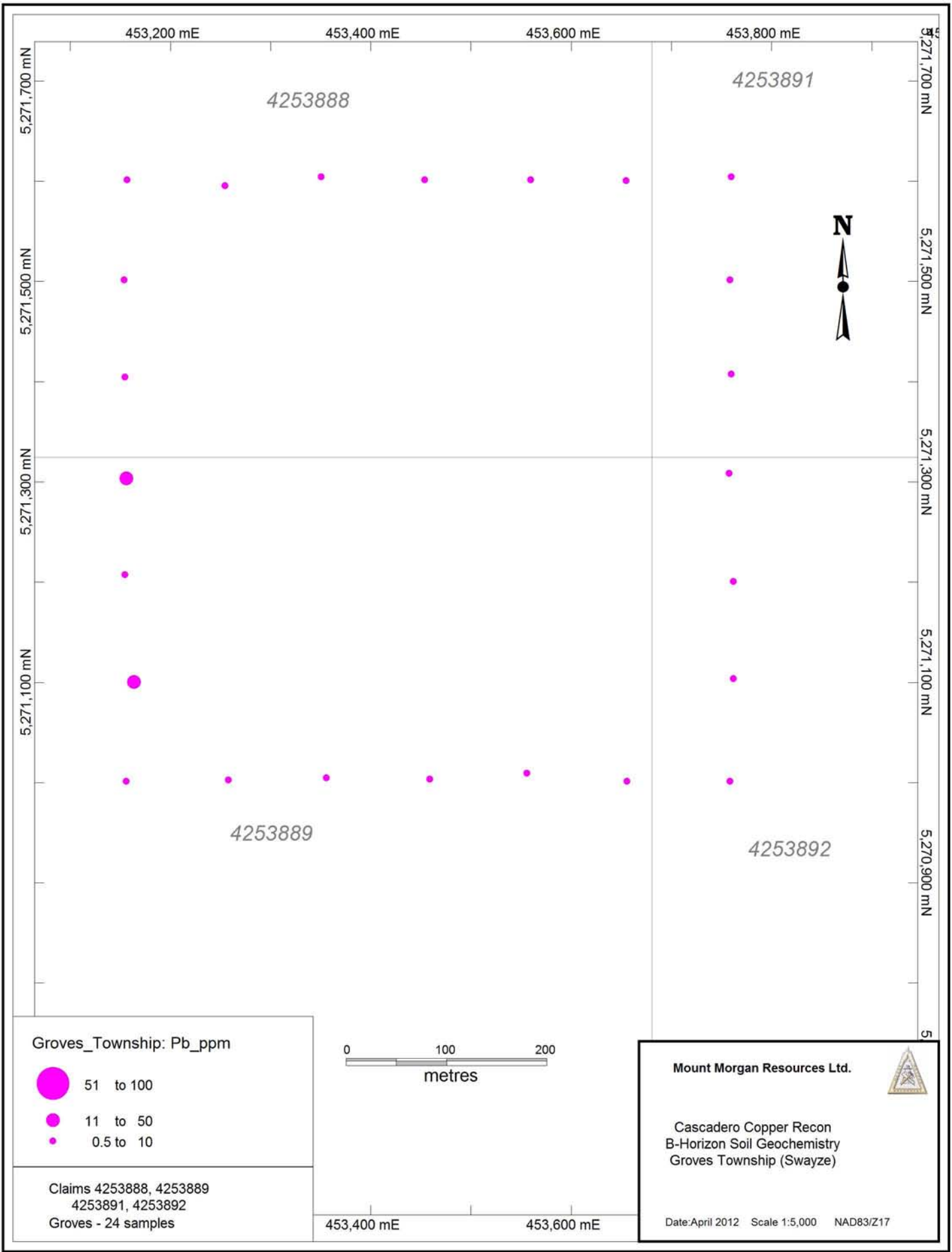
4253892

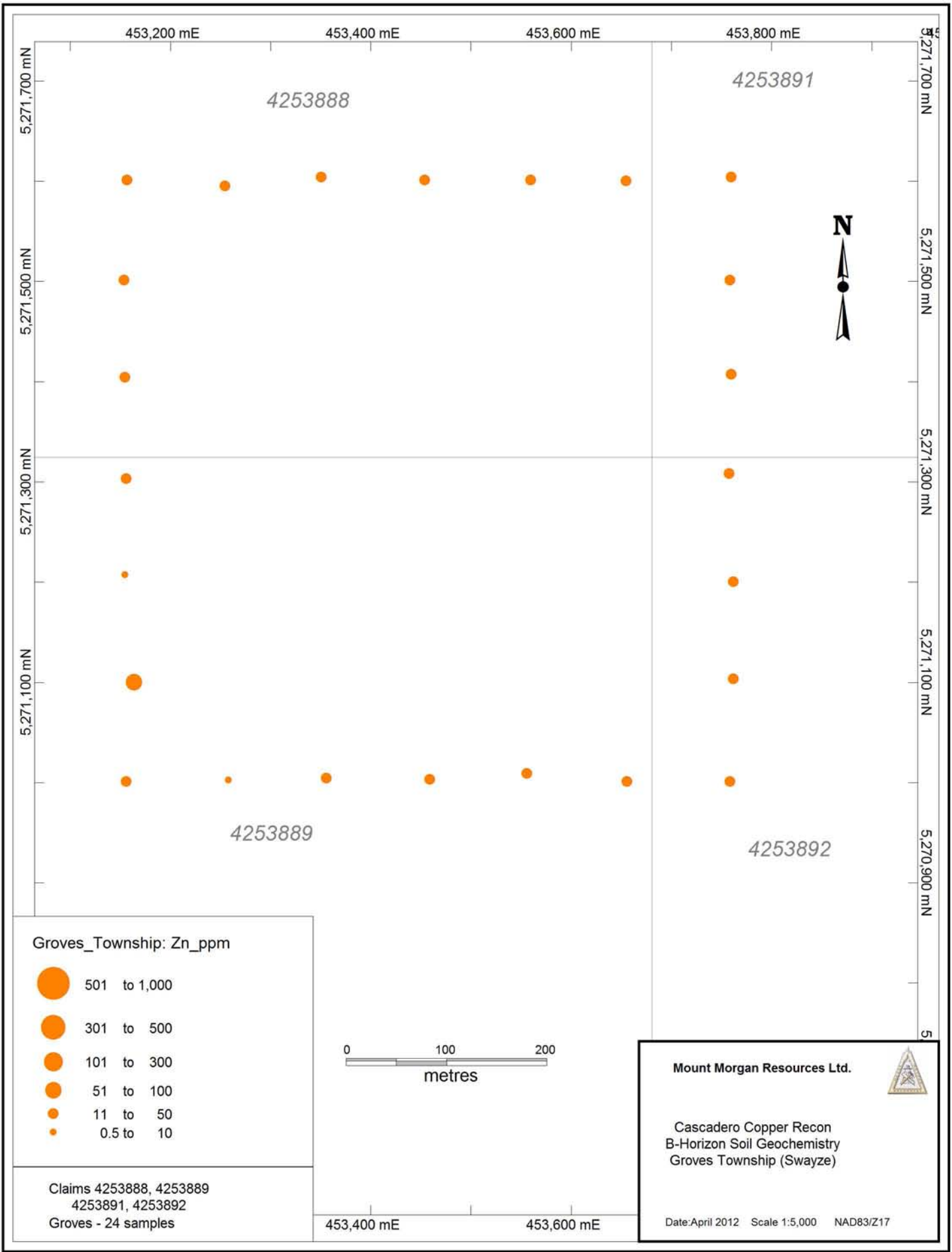


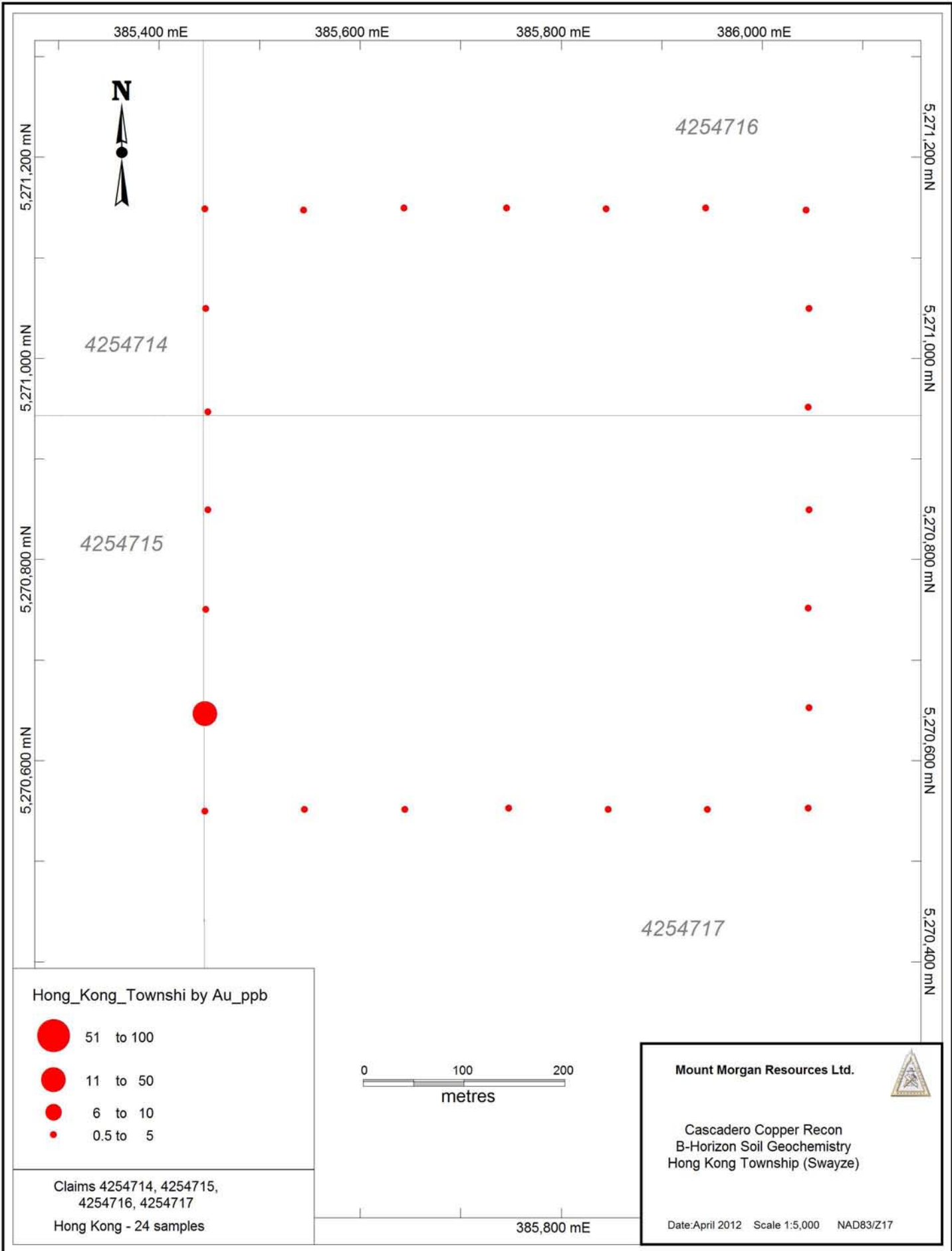
5,271,700 mN
5,271,500 mN
5,271,300 mN
5,271,100 mN
5,270,900 mN

5

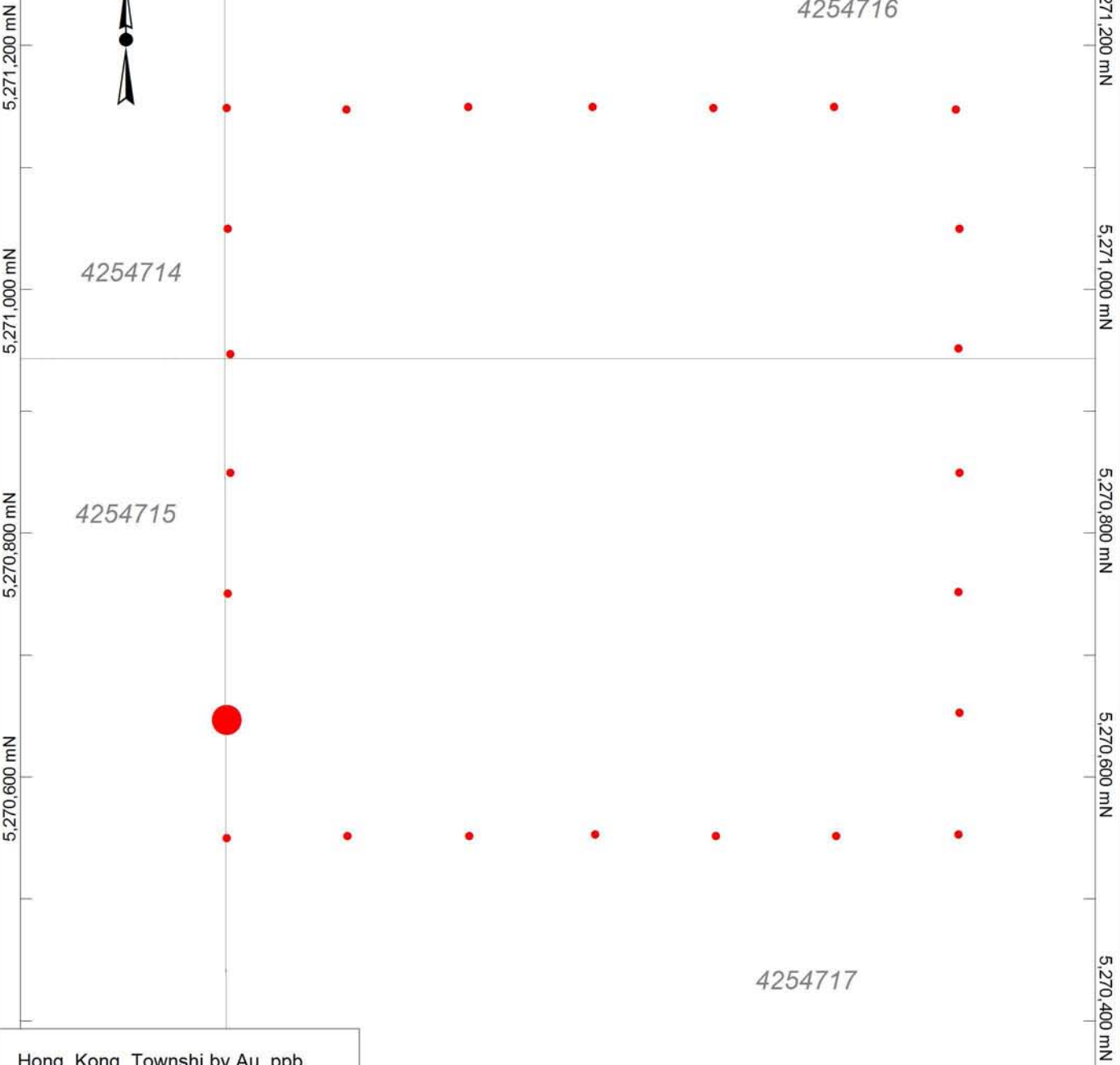
453,400 mE 453,600 mE









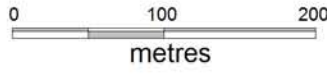



385,400 mE 385,600 mE 385,800 mE 386,000 mE



Hong_Kong_Townshi by Au_ppb

-  51 to 100
-  11 to 50
-  6 to 10
-  0.5 to 5



Mount Morgan Resources Ltd. 

Cascadero Copper Recon
 B-Horizon Soil Geochemistry
 Hong Kong Township (Swayze)

Date: April 2012 Scale 1:5,000 NAD83/Z17

Claims 4254714, 4254715,
 4254716, 4254717
 Hong Kong - 24 samples

385,800 mE

5,271,200 mN

4254716

5,271,000 mN

4254714

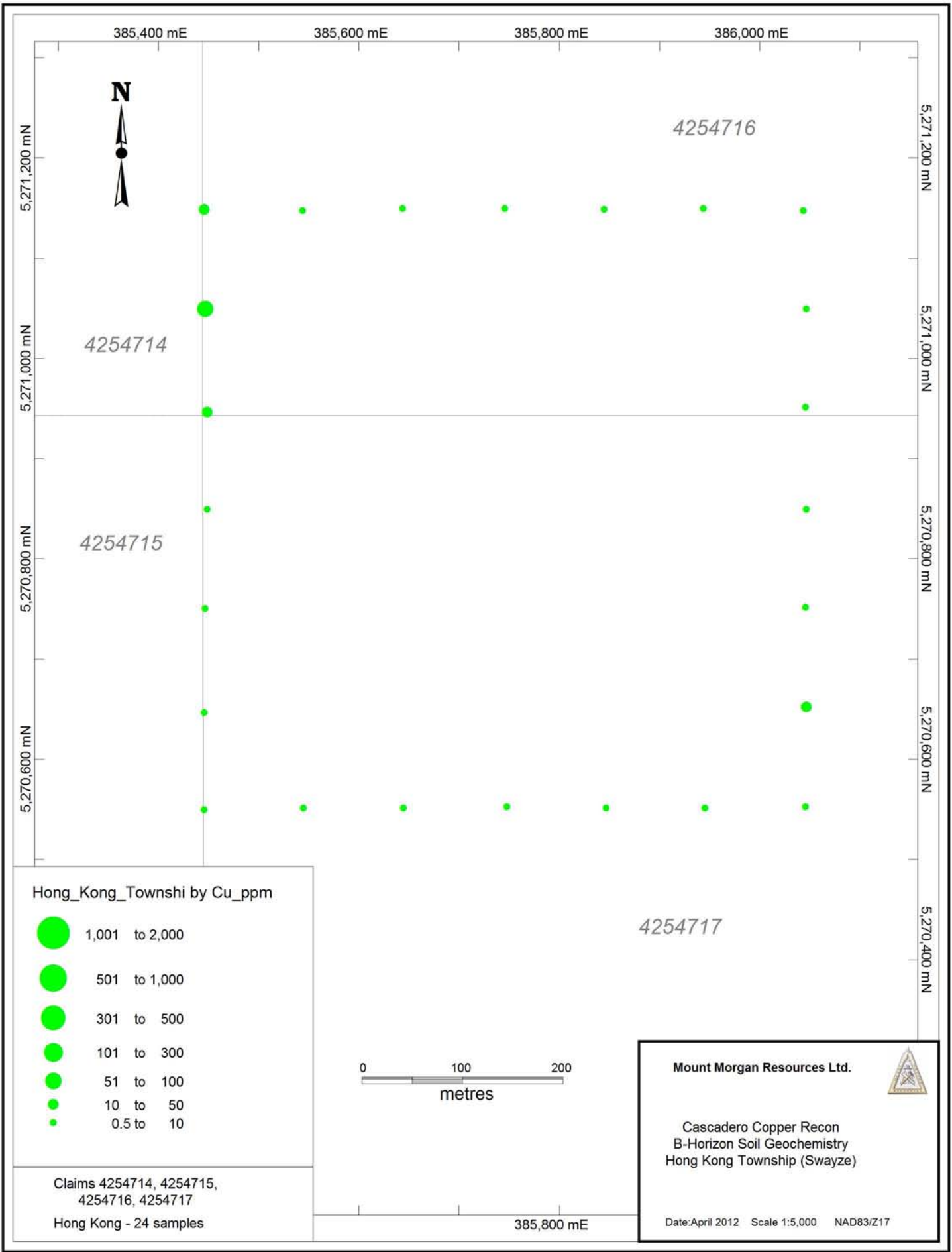
5,270,800 mN

4254715

5,270,600 mN

5,270,400 mN

4254717



385,400 mE 385,600 mE 385,800 mE 386,000 mE

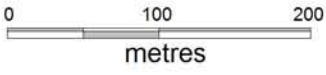


4254716

4254714

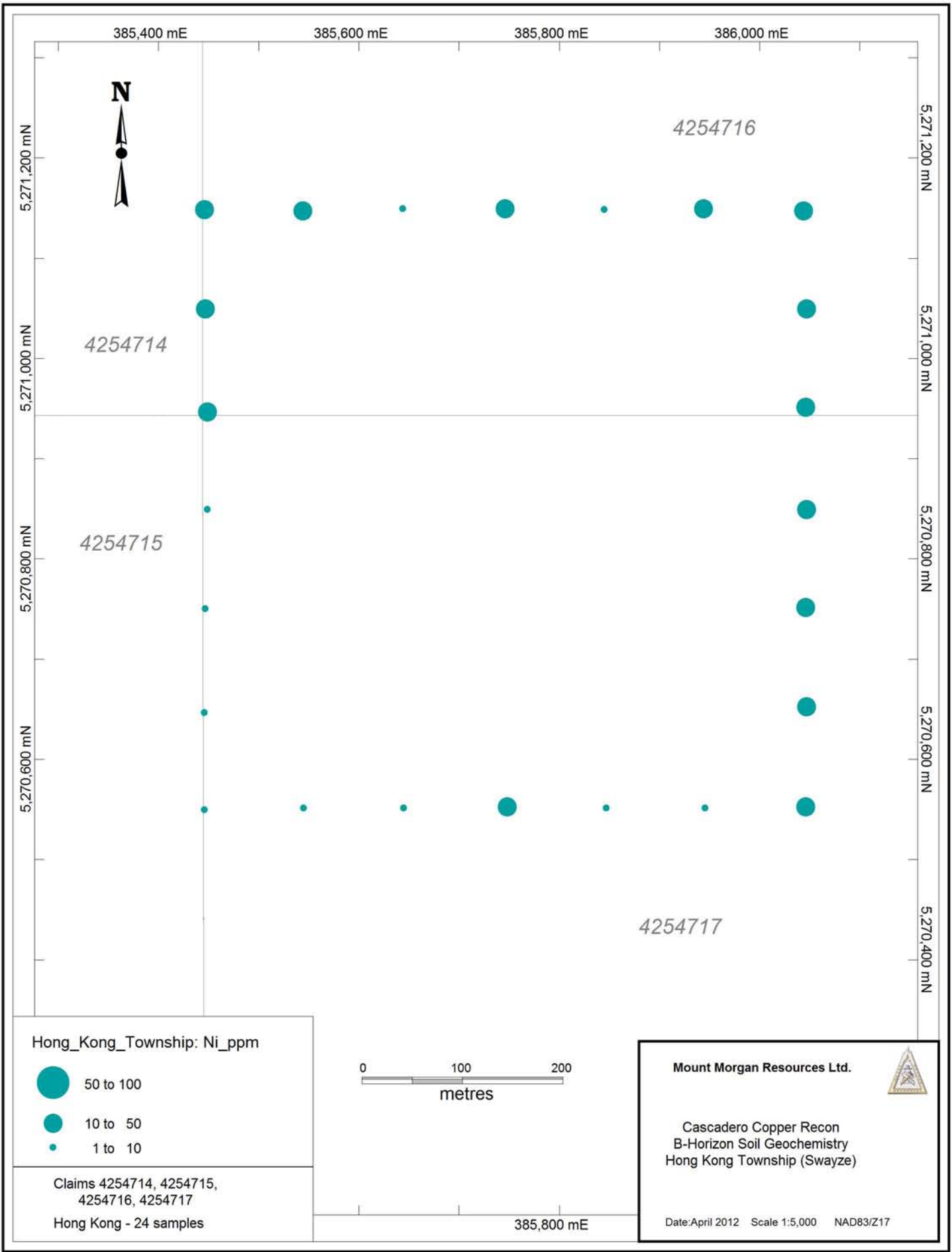
4254715

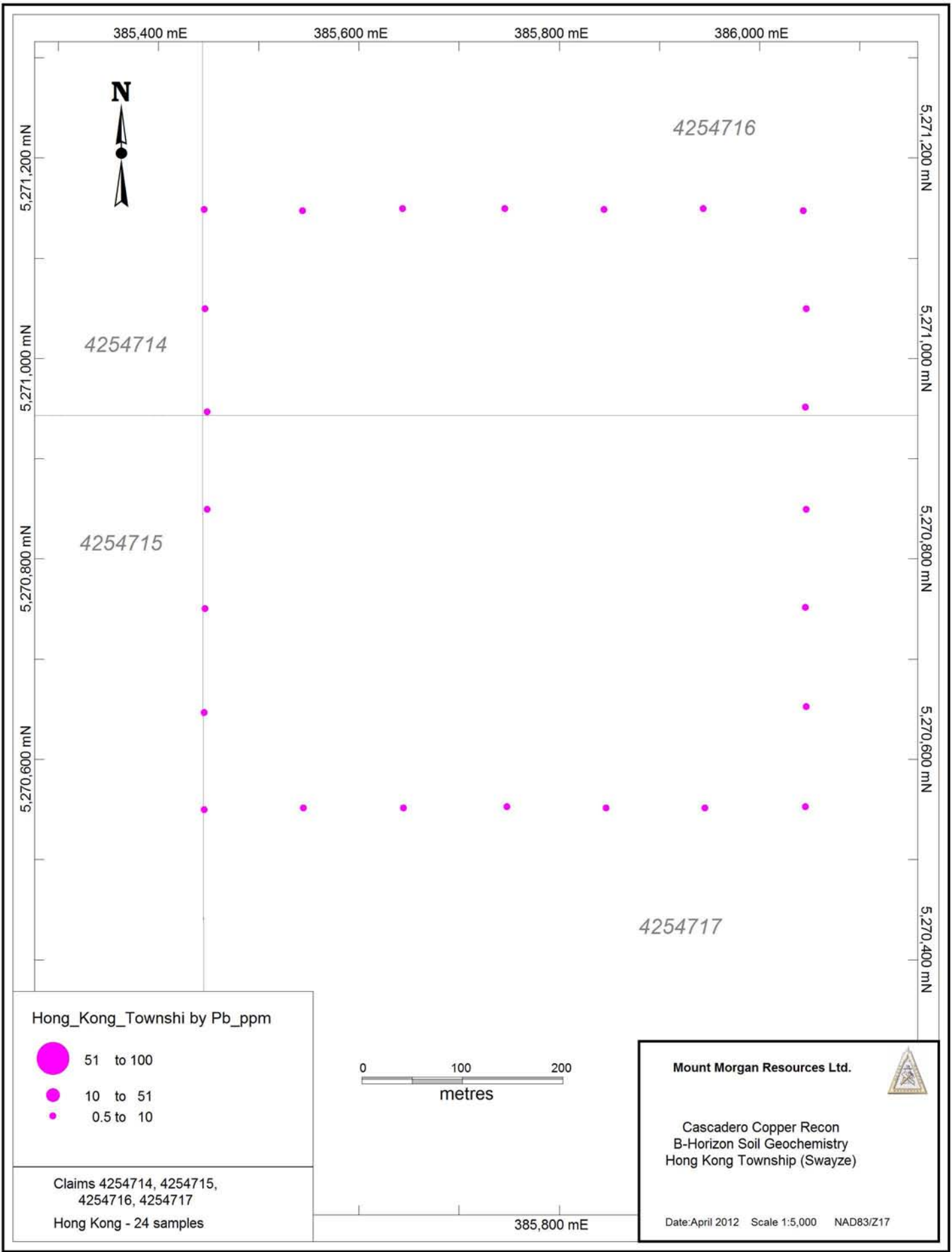
4254717

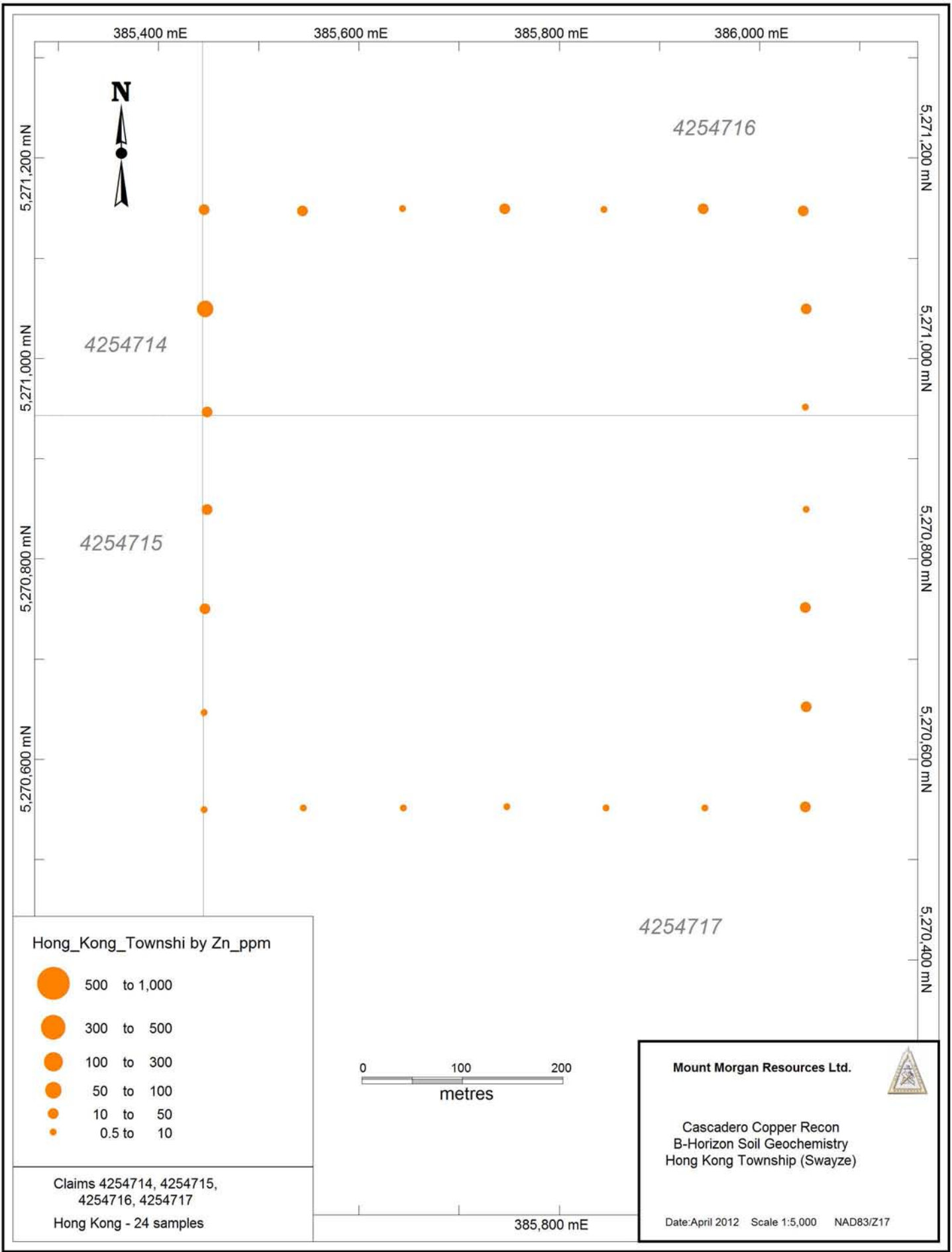


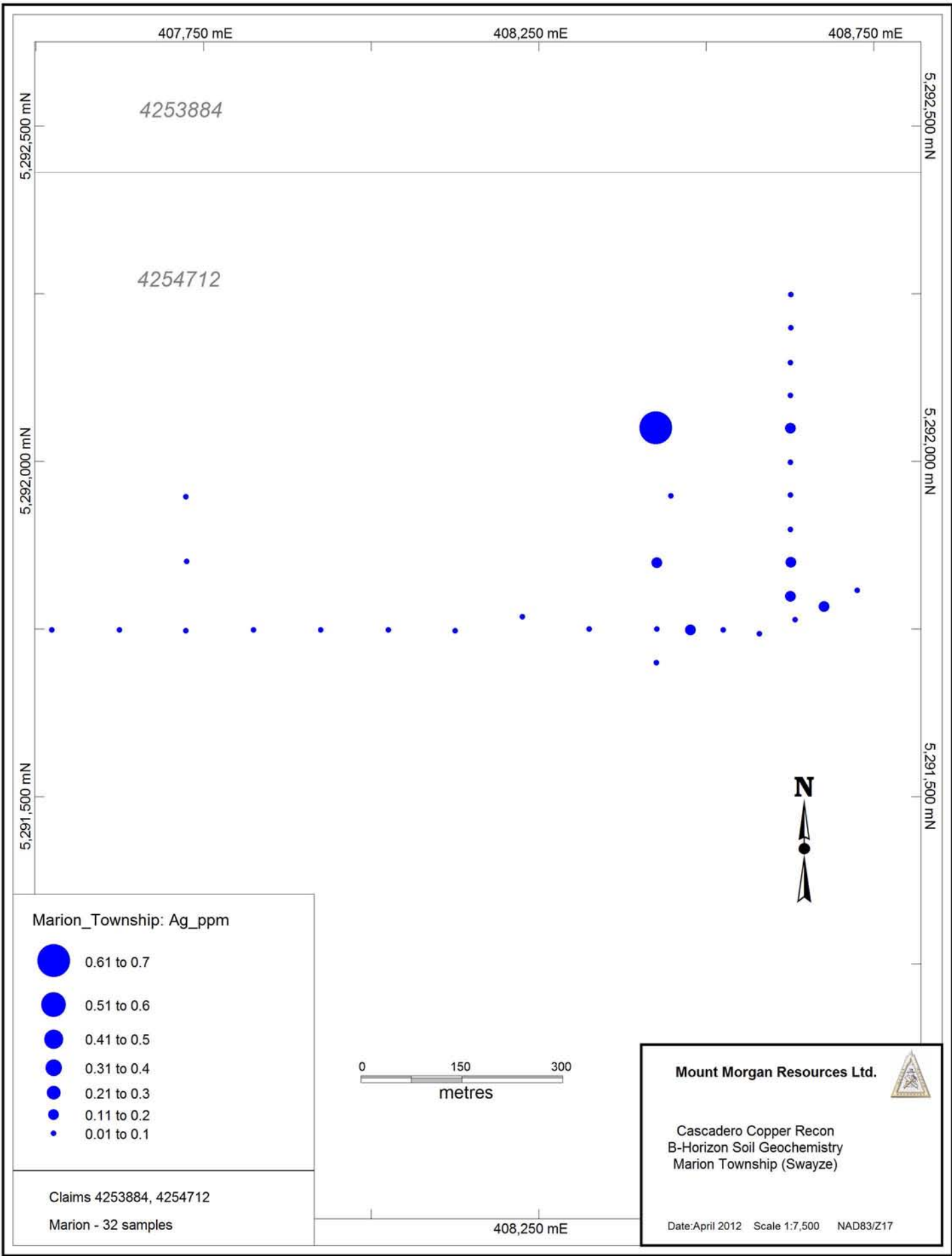
5,271,200 mN
5,271,000 mN
5,270,800 mN
5,270,600 mN
5,270,400 mN

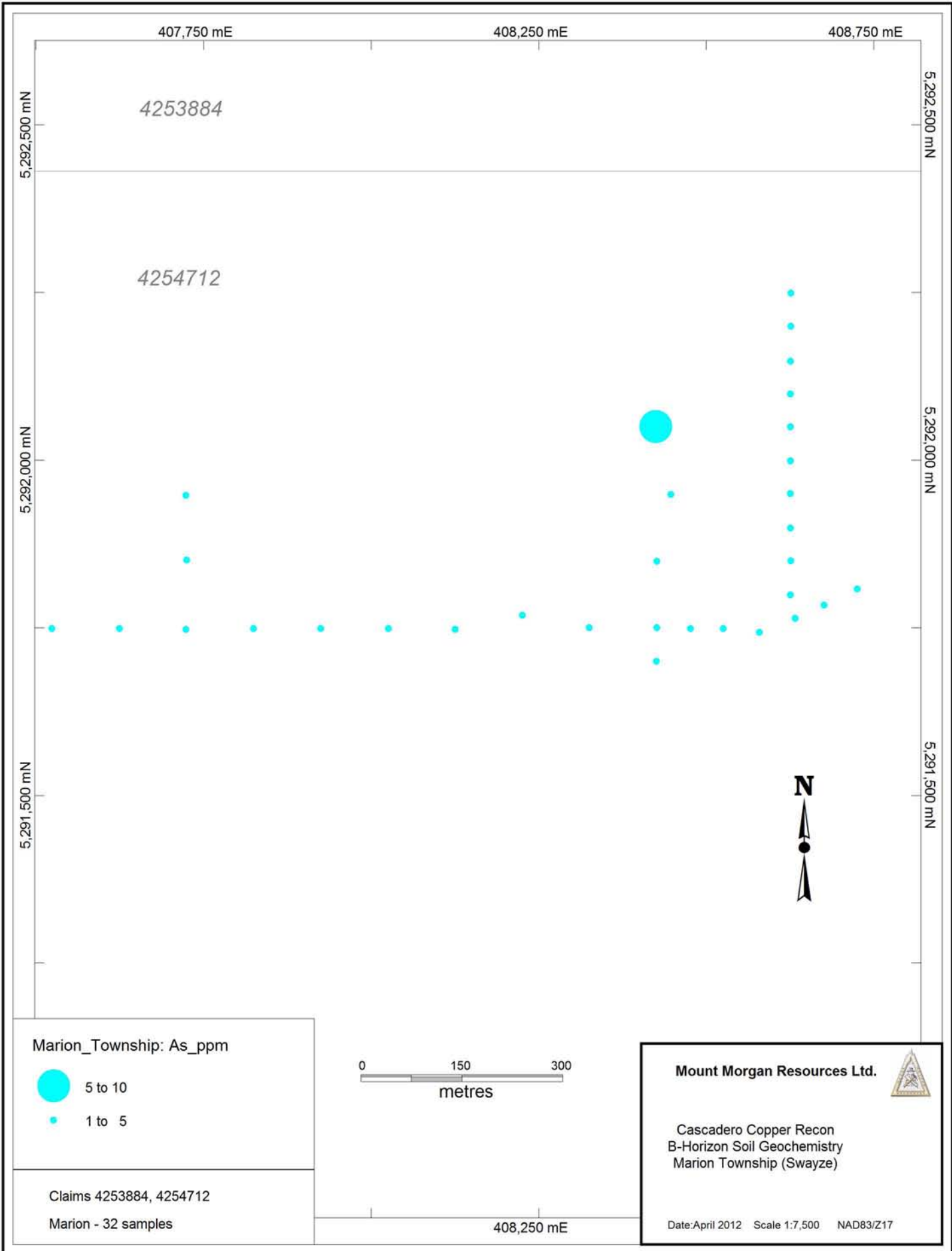
385,800 mE











407,750 mE 408,250 mE 408,750 mE

5,292,500 mN
5,292,000 mN
5,291,500 mN

5,292,500 mN
5,292,000 mN
5,291,500 mN

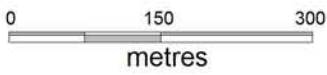
4253884

4254712



Marion_Township: As_ppm

- 5 to 10
- 1 to 5



Mount Morgan Resources Ltd.



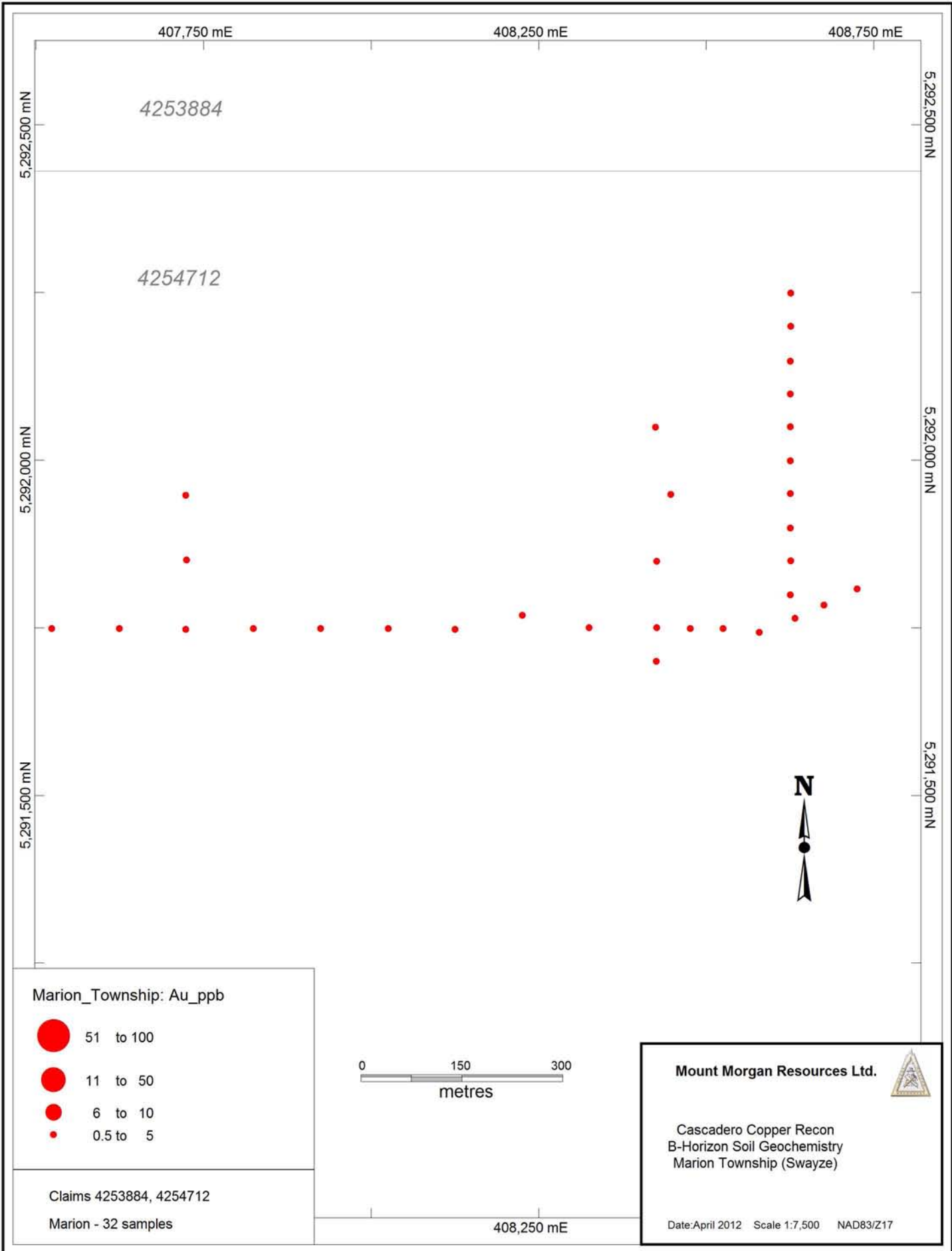
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Marion Township (Swayze)

Claims 4253884, 4254712

Marion - 32 samples

Date: April 2012 Scale 1:7,500 NAD83/Z17

408,250 mE



407,750 mE 408,250 mE 408,750 mE

4253884

4254712

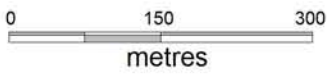
5,292,500 mN
5,292,000 mN
5,291,500 mN

5,292,500 mN
5,292,000 mN
5,291,500 mN



Marion_Township: Au_ppb

- 51 to 100
- 11 to 50
- 6 to 10
- 0.5 to 5



Mount Morgan Resources Ltd.



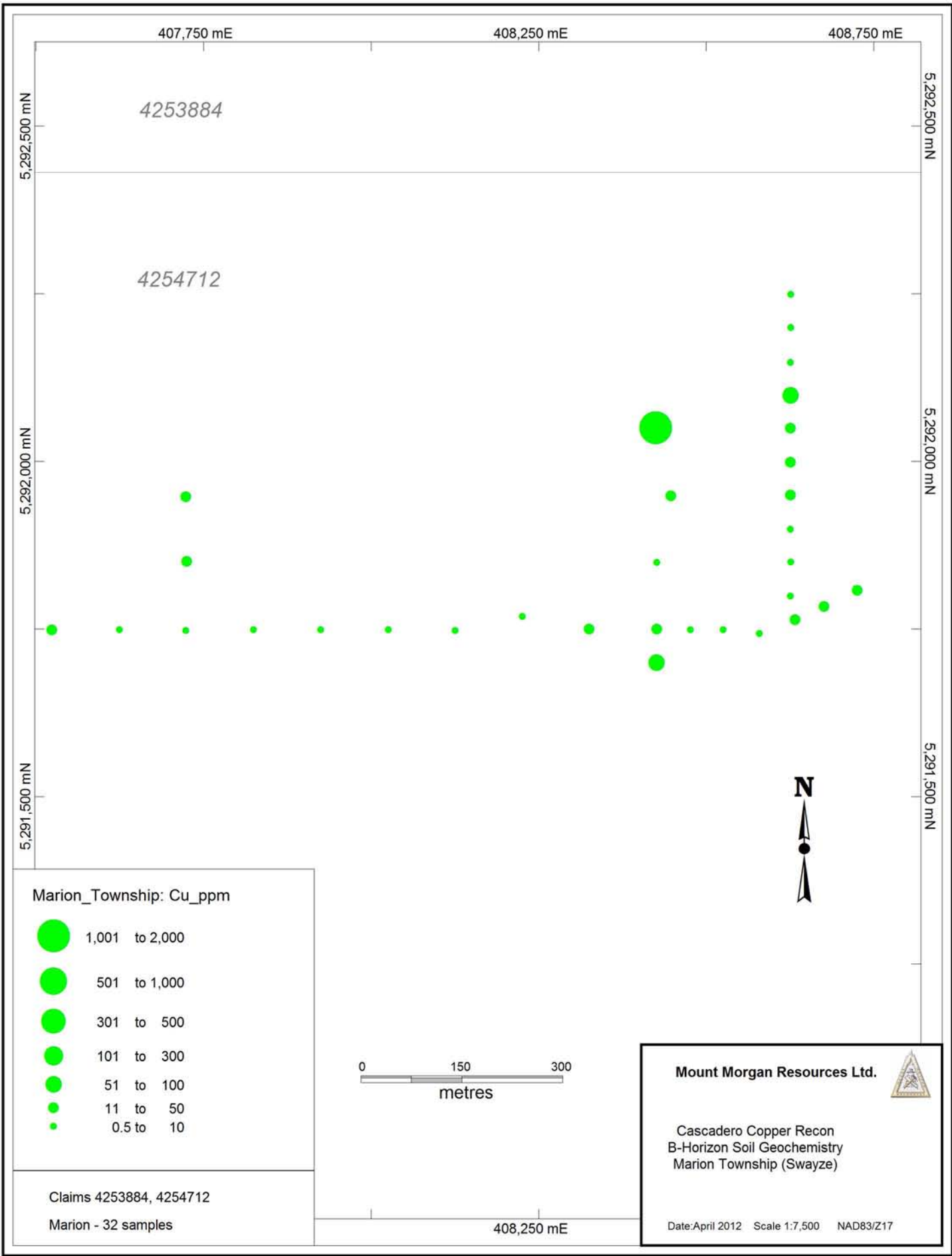
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Marion Township (Swayze)

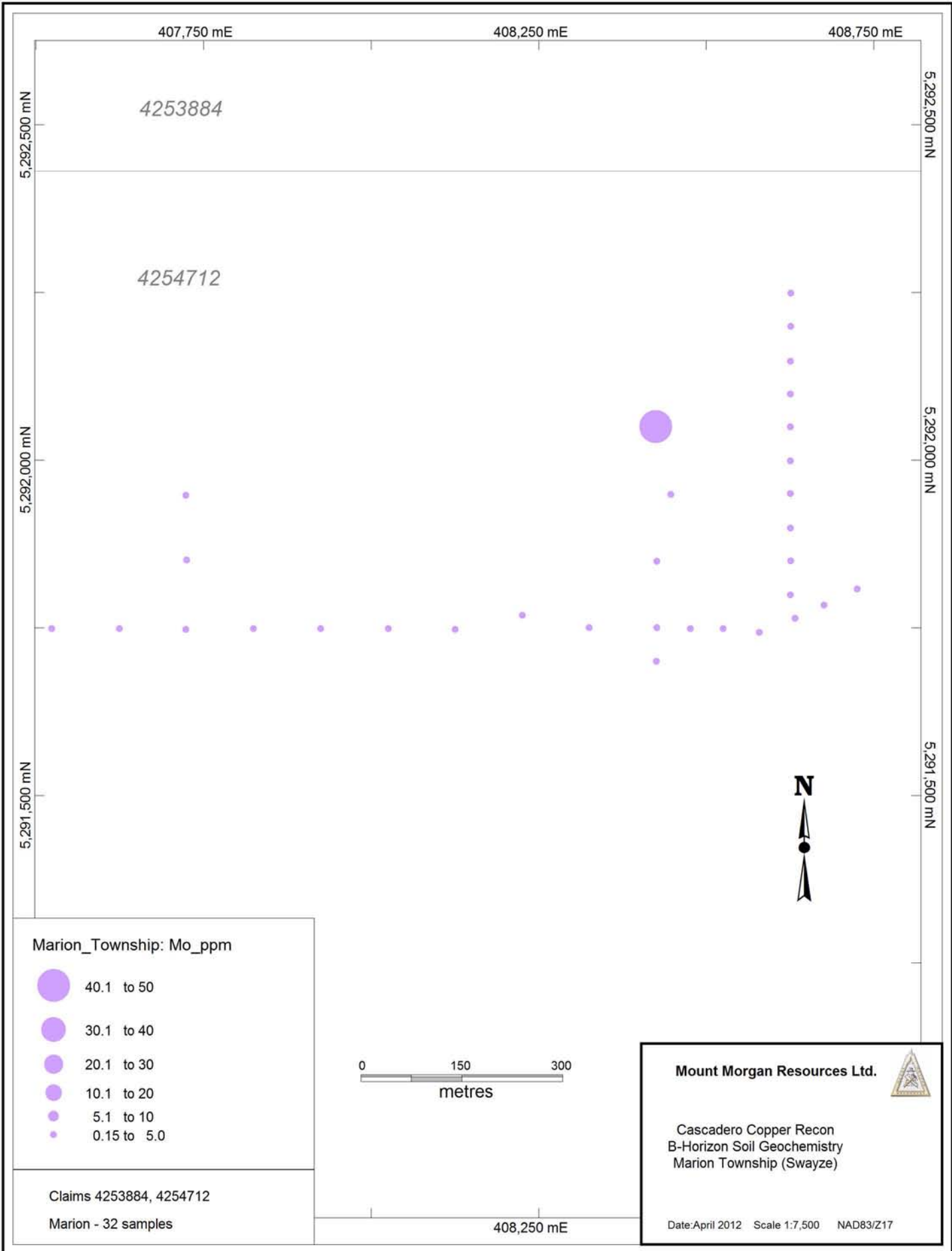
Claims 4253884, 4254712

Marion - 32 samples

Date: April 2012 Scale 1:7,500 NAD83/Z17

408,250 mE





407,750 mE 408,250 mE 408,750 mE

5,292,500 mN
5,292,000 mN
5,291,500 mN







5,292,500 mN
5,292,000 mN
5,291,500 mN

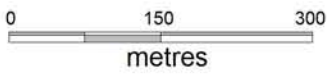
4253884

4254712



Marion_Township: Mo_ppm

-  40.1 to 50
-  30.1 to 40
-  20.1 to 30
-  10.1 to 20
-  5.1 to 10
-  0.15 to 5.0



Mount Morgan Resources Ltd.



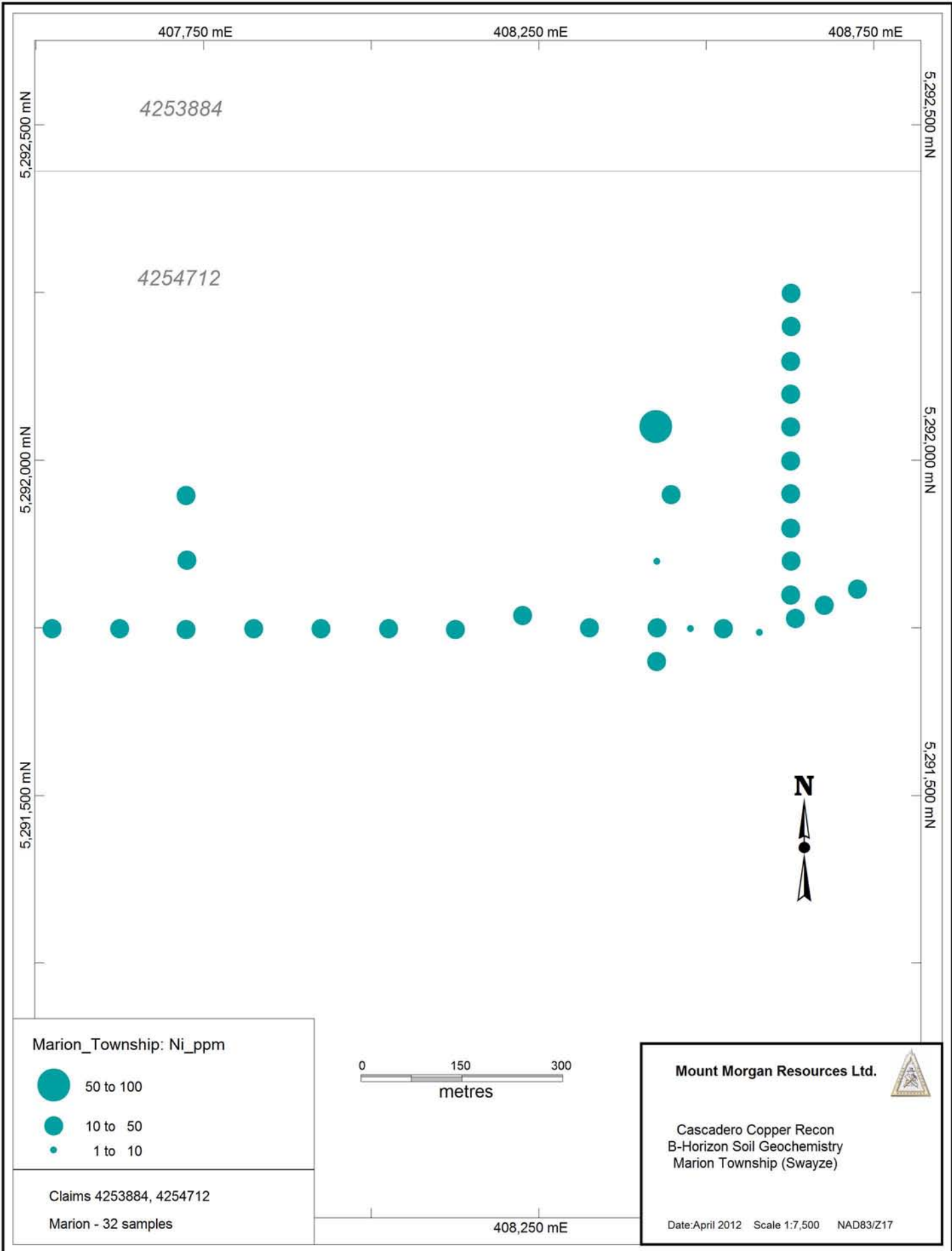
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Marion Township (Swayze)

Claims 4253884, 4254712

Marion - 32 samples

Date: April 2012 Scale 1:7,500 NAD83/Z17

408,250 mE



407,750 mE 408,250 mE 408,750 mE

5,292,500 mN 5,292,500 mN

4253884

4254712

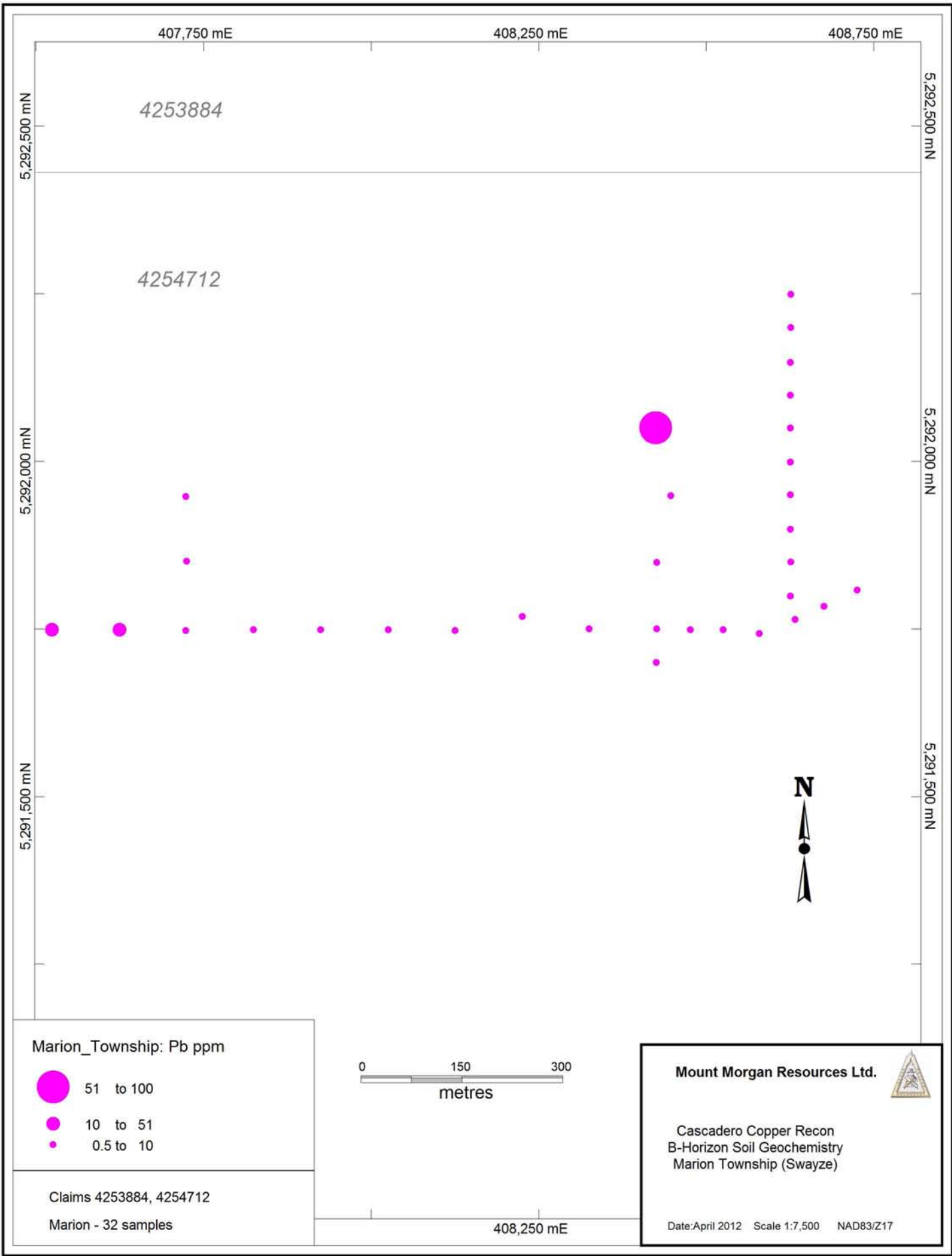
5,292,000 mN 5,292,000 mN

5,291,500 mN 5,291,500 mN

0 150 300
metres



408,250 mE



407,750 mE

408,250 mE

408,750 mE

5,292,500 mN

5,292,500 mN

4253884

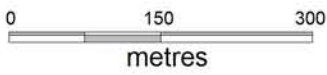
5,292,000 mN

5,292,000 mN

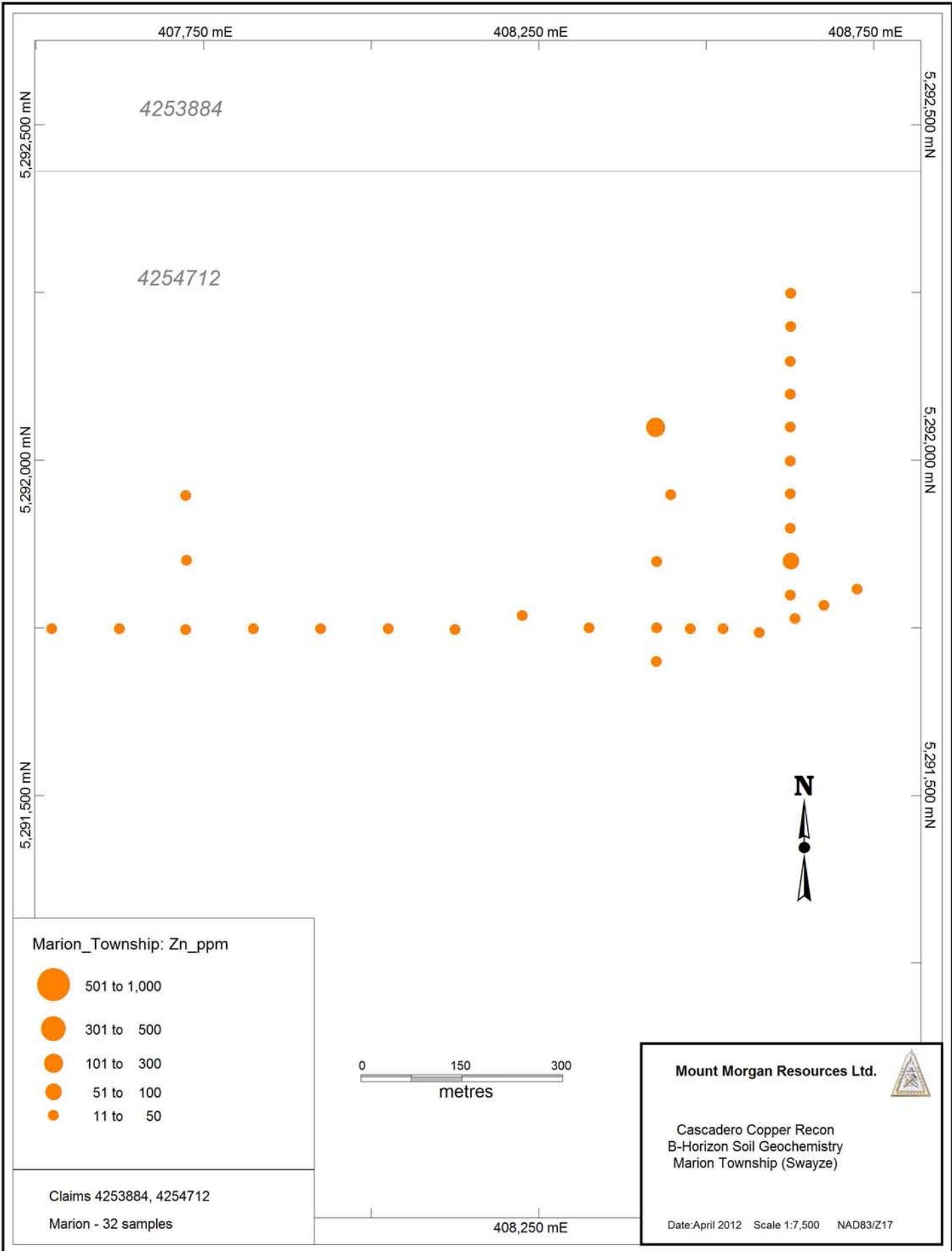
4254712

5,291,500 mN

5,291,500 mN



408,250 mE

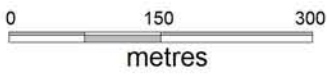


4253884

4254712

Marion_Township: Zn_ppm

- 501 to 1,000
- 301 to 500
- 101 to 300
- 51 to 100
- 11 to 50



Mount Morgan Resources Ltd.



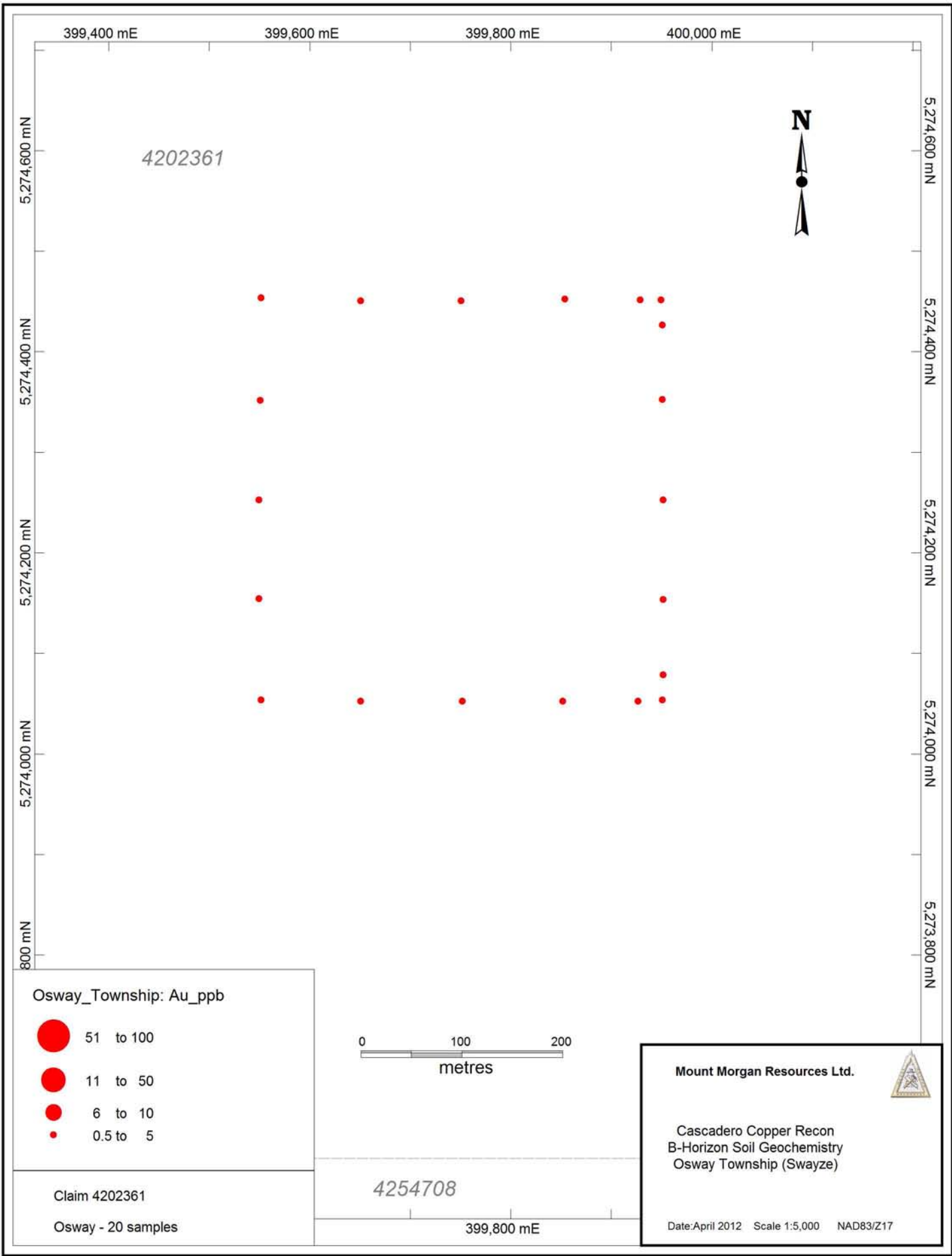
Cascadero Copper Recon
 B-Horizon Soil Geochemistry
 Marion Township (Swayze)

Date: April 2012 Scale 1:7,500 NAD83/Z17

Claims 4253884, 4254712

Marion - 32 samples

408,250 mE



399,400 mE 399,600 mE 399,800 mE 400,000 mE

5,274,600 mN
5,274,400 mN
5,274,200 mN
5,274,000 mN
800 mN

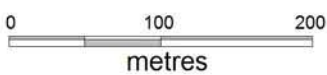
5,274,600 mN
5,274,400 mN
5,274,200 mN
5,274,000 mN
5,273,800 mN

4202361



Osway_Township: Au_ppb

- 51 to 100
- 11 to 50
- 6 to 10
- 0.5 to 5



Mount Morgan Resources Ltd.

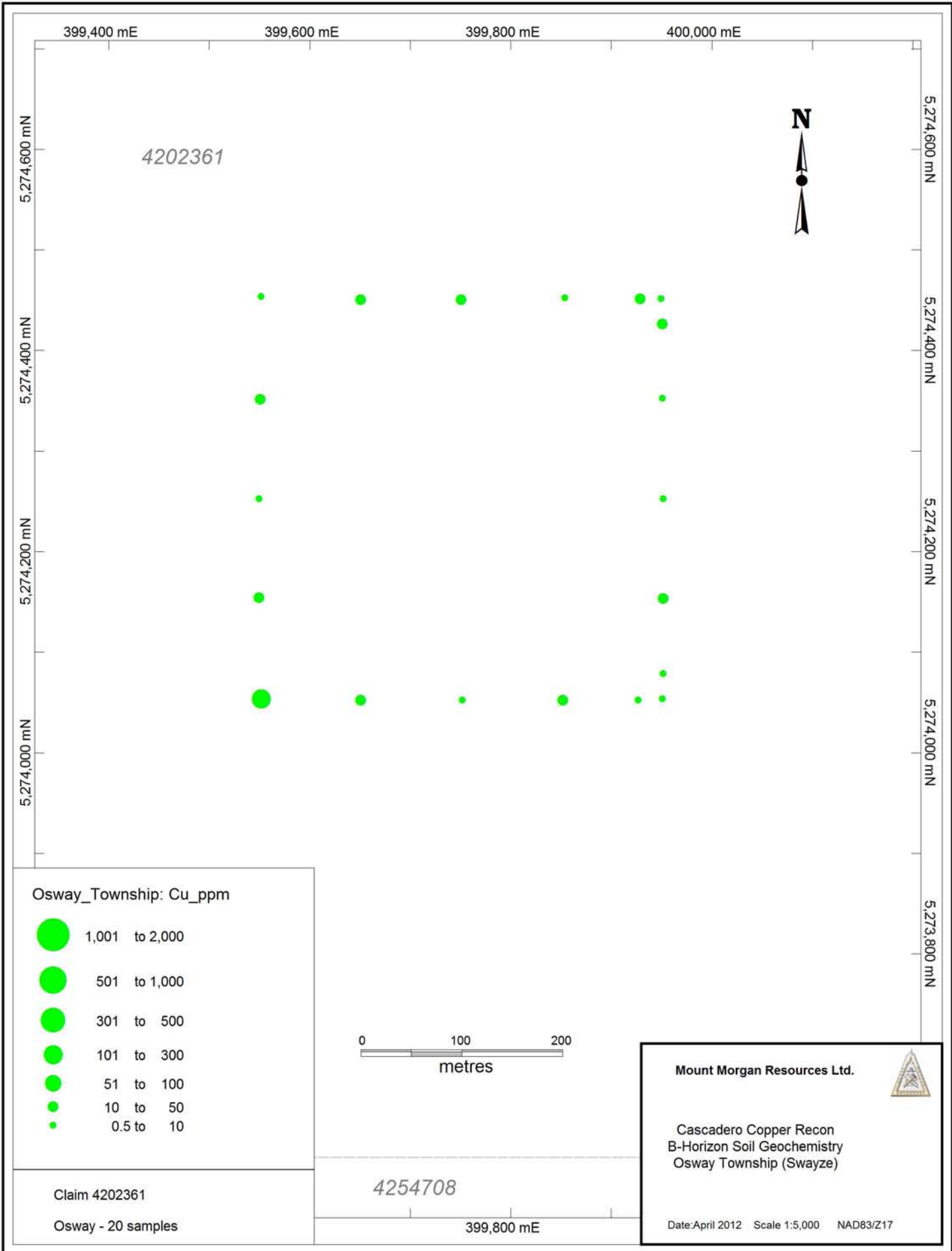
Cascadero Copper Recon
B-Horizon Soil Geochemistry
Osway Township (Swayze)

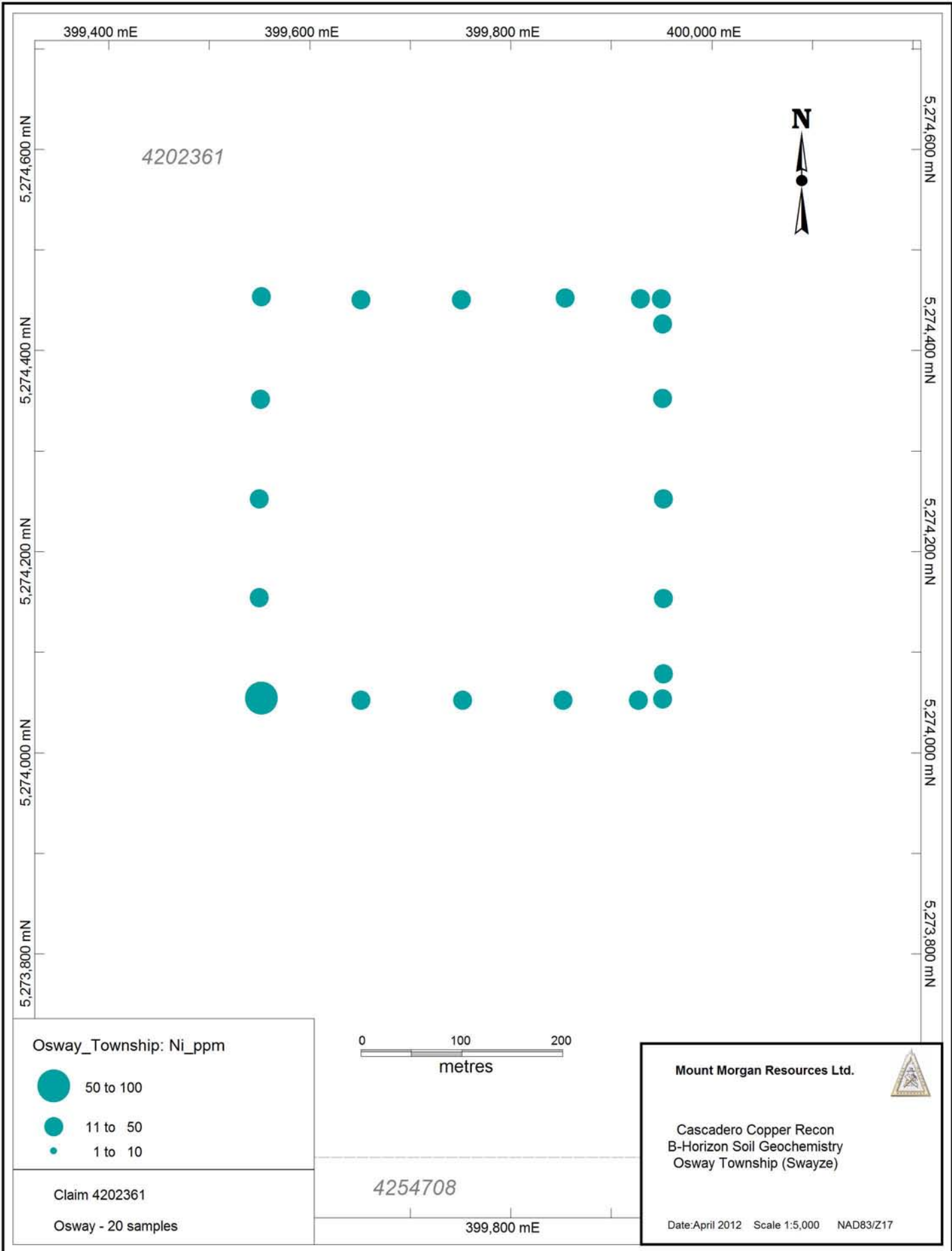
Date: April 2012 Scale 1:5,000 NAD83/Z17

Claim 4202361
Osway - 20 samples

4254708

399,800 mE





399,400 mE

399,600 mE

399,800 mE

400,000 mE

5,274,600 mN

5,274,400 mN

5,274,200 mN

5,274,000 mN

5,273,800 mN

5,274,600 mN

5,274,400 mN

5,274,200 mN



5,274,000 mN

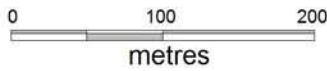
5,273,800 mN

4202361



Osway_Township: Ni_ppm

-  50 to 100
-  11 to 50
-  1 to 10



Mount Morgan Resources Ltd.



Cascadero Copper Recon
B-Horizon Soil Geochemistry
Osway Township (Swayze)

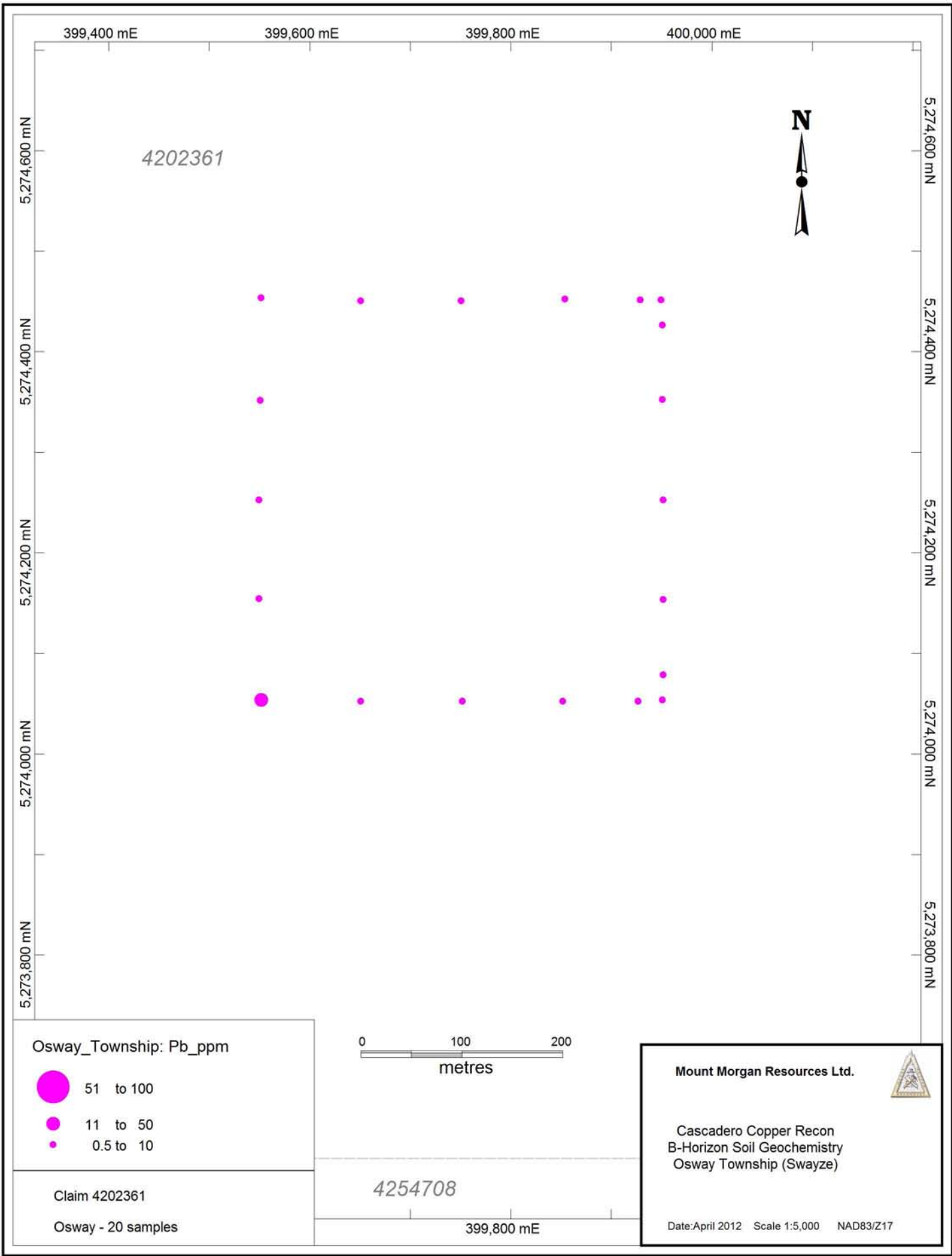
Claim 4202361

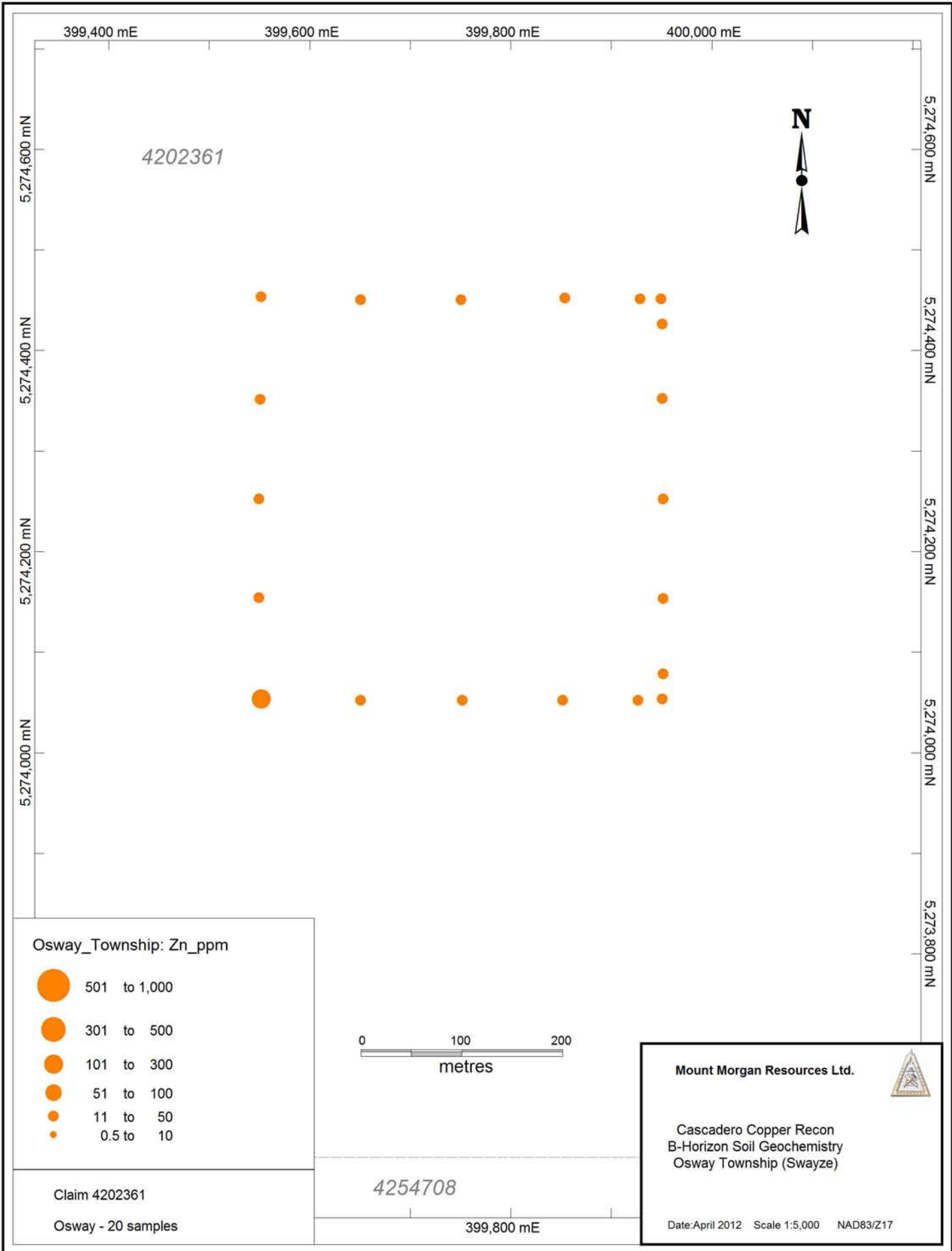
Osway - 20 samples

4254708

399,800 mE

Date: April 2012 Scale 1:5,000 NAD83/Z17





399,400 mE 399,600 mE 399,800 mE 400,000 mE







5,274,600 mN
5,274,400 mN
5,274,200 mN
5,274,000 mN

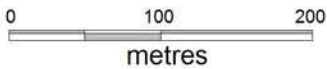
5,274,600 mN
5,274,400 mN
5,274,200 mN
5,274,000 mN
5,273,800 mN

4202361



Osway_Township: Zn_ppm

-  501 to 1,000
-  301 to 500
-  101 to 300
-  51 to 100
-  11 to 50
-  0.5 to 10



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Cascadero Copper Recon
B-Horizon Soil Geochemistry
Osway Township (Swayze)

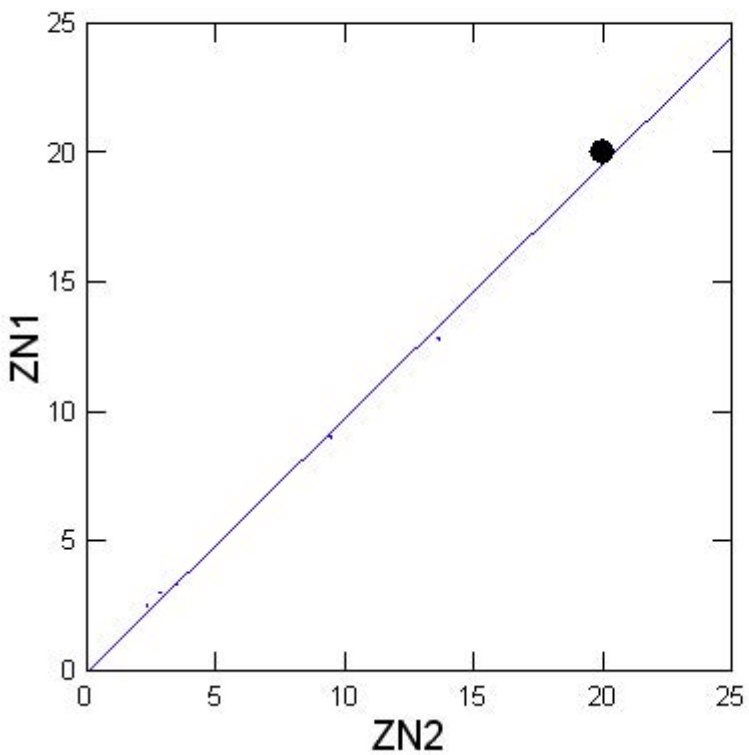
Claim 4202361
Osway - 20 samples

4254708

399,800 mE

Date: April 2012 Scale 1:5,000 NAD83/Z17

Outliers and Influence



Cook's Distance

