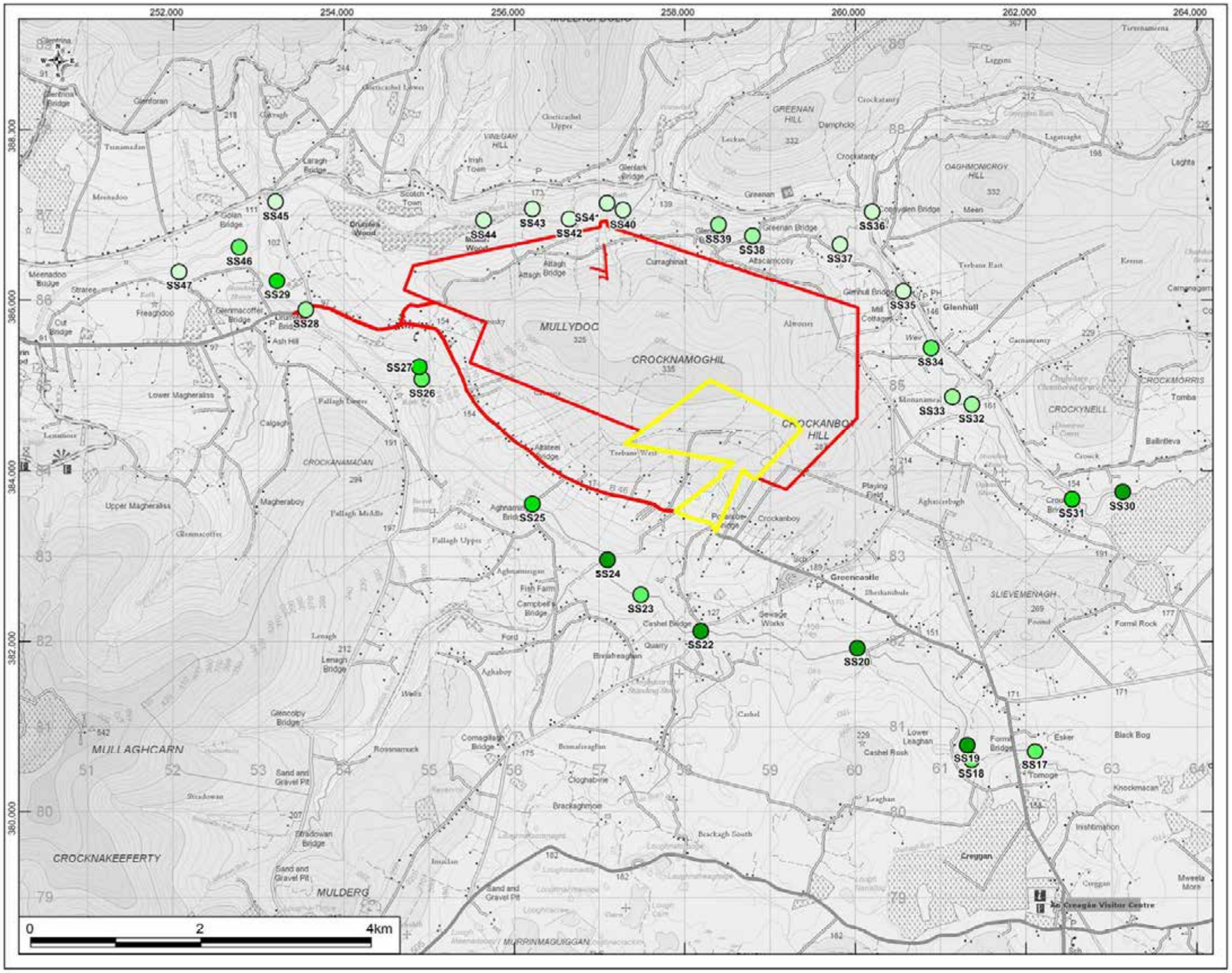

LEGEND

ADIT LOCATION

Aluminium in Stream Sediments
mg/kg

- 12,200 to 15,800 (5)
- 11,100 to 12,200 (4)
- 9,700 to 11,100 (6)
- 7,100 to 9,700 (5)
- 5,100 to 7,100 (10)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1. Extract from OSNI 1:50,000 Raster Tiles.
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

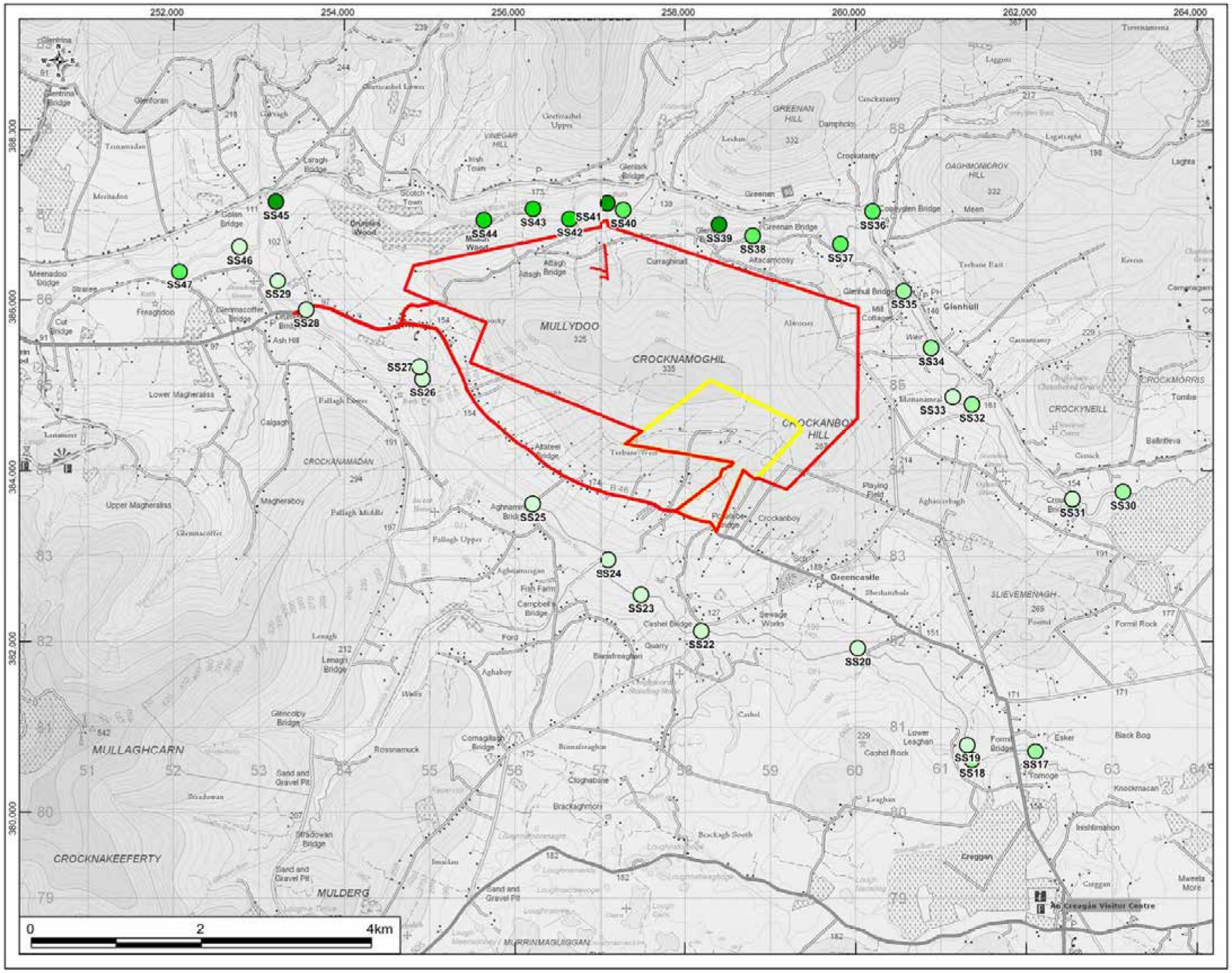
ALUMINIUM IN STREAM SEDIMENTS

FIGURE SS1

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Arsenic in Stream Sediments
mg/kg

- 31 to 43.2 (3)
- 27.2 to 31 (3)
- 18.8 to 27.2 (5)
- 11.4 to 18.8 (6)
- 4.9 to 11.4 (13)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

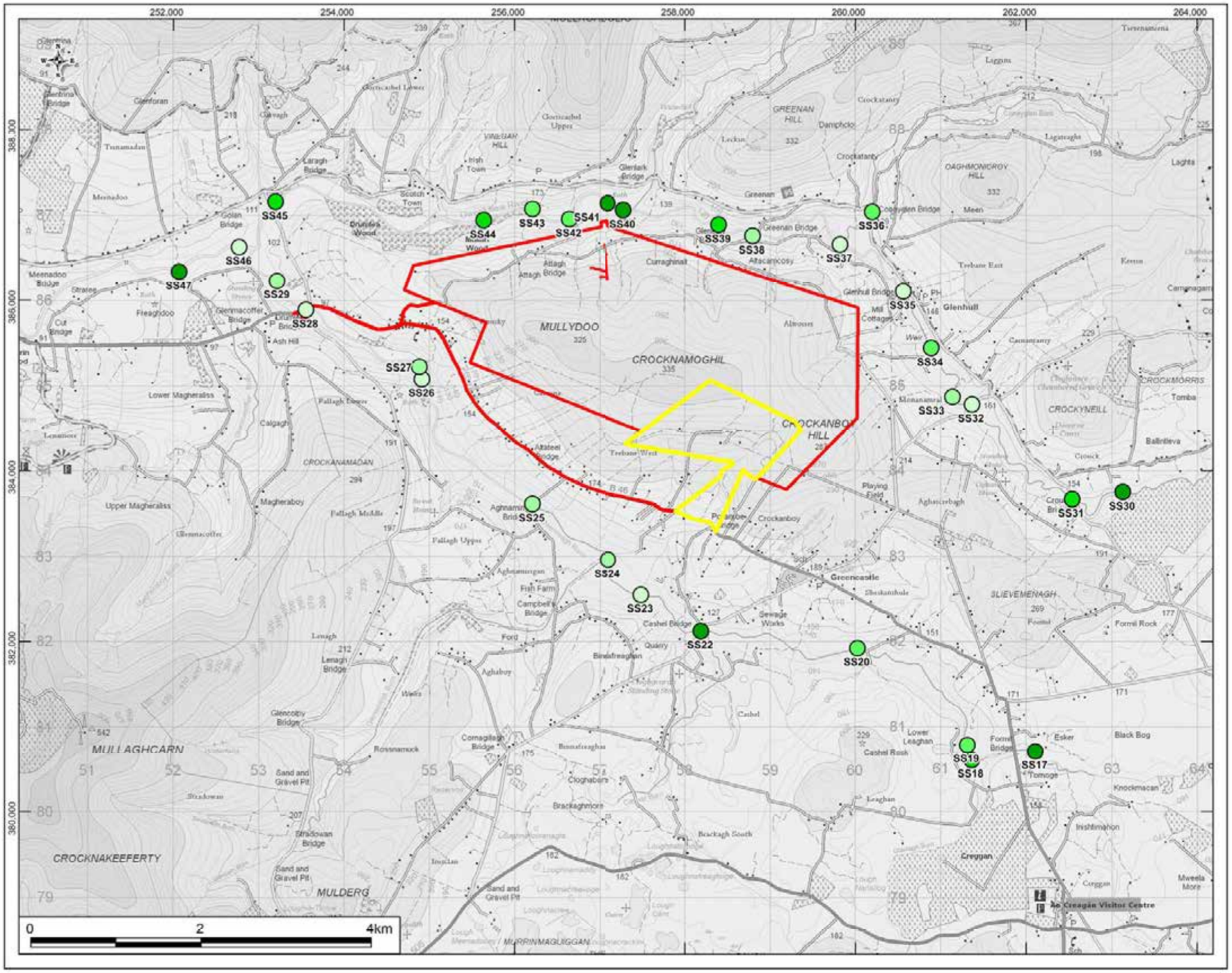
ARSENIC IN STREAM SEDIMENTS

FIGURE SS2

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Cadmium in Stream Sediments
mg/kg

- 0.303 to 0.334 (6)
- 0.289 to 0.303 (5)
- 0.268 to 0.289 (6)
- 0.251 to 0.268 (6)
- 0.128 to 0.251 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1 Extract from OSNI 1:50,000 Raster Tiles.
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

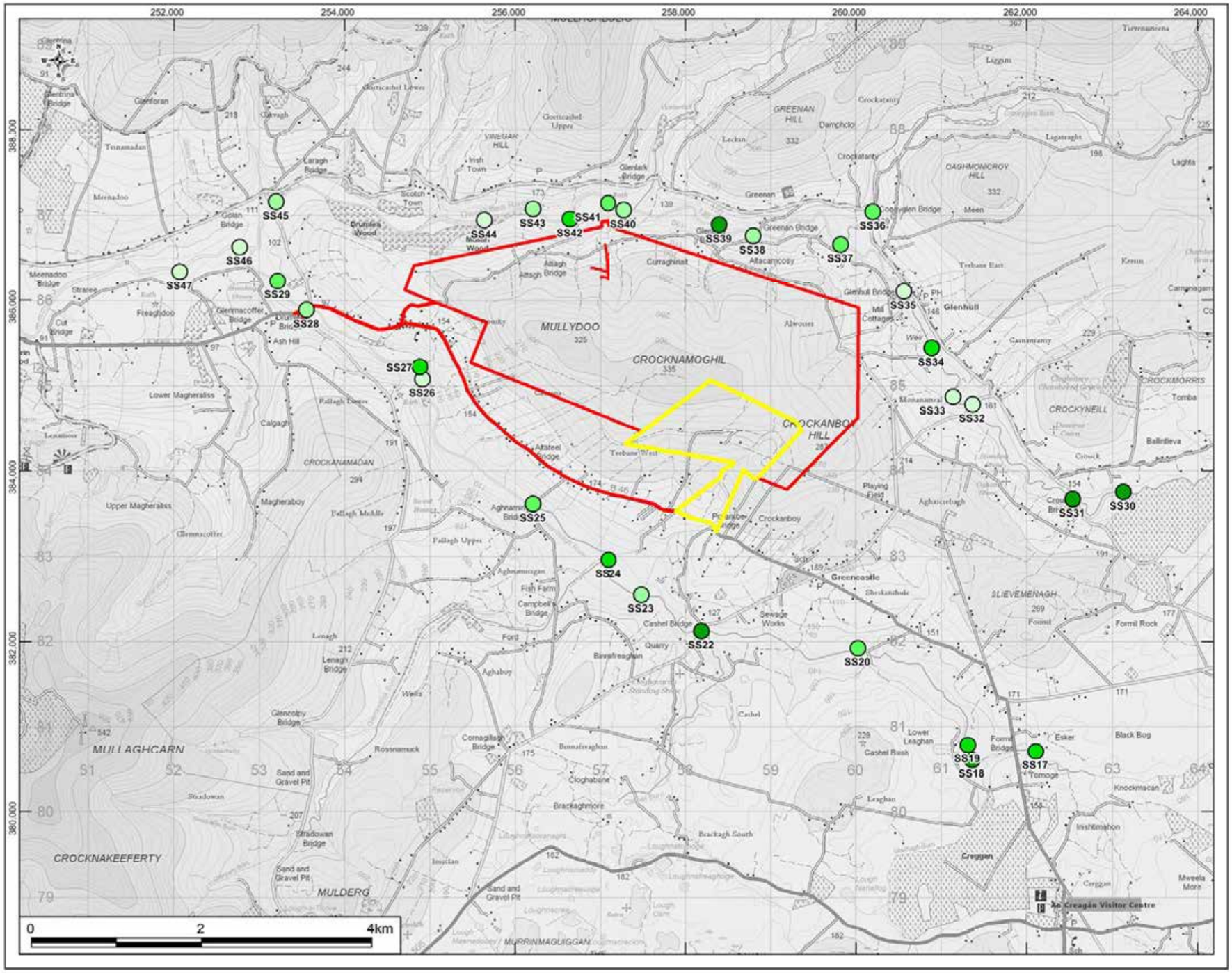
CADMIUM IN STREAM SEDIMENTS

FIGURE SS3

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00341.006.005_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Cobalt in Stream Sediments
mg/kg

- 13.9 to 16.7 (5)
- 13.1 to 13.9 (6)
- 12.3 to 13.1 (6)
- 11.4 to 12.3 (6)
- 6.81 to 11.4 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

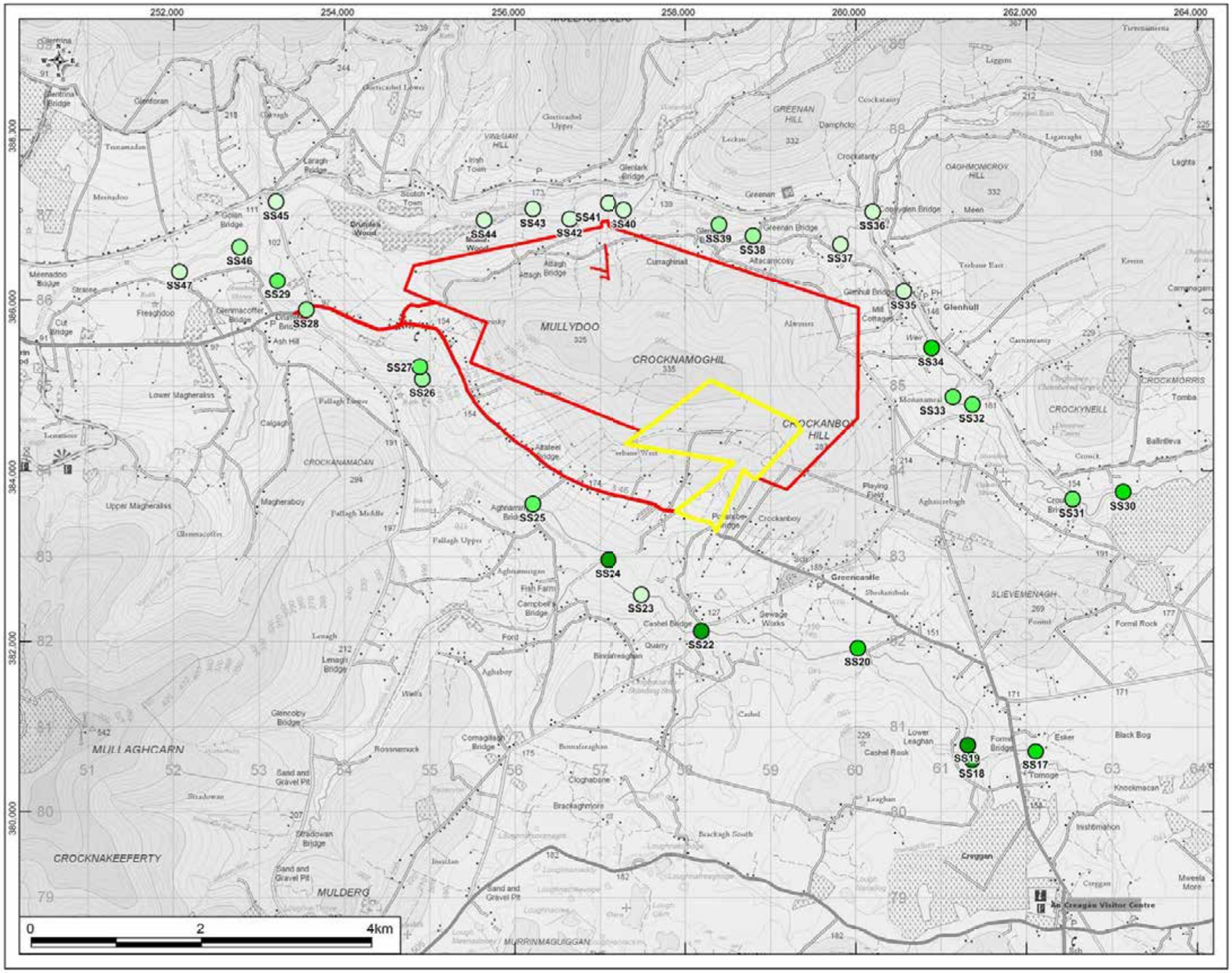
COBALT IN STREAM SEDIMENTS

FIGURE SS4

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Chromium in Stream Sediments
mg/kg

- 35.3 to 52.5 (4)
- 30.4 to 35.3 (4)
- 23.4 to 30.4 (6)
- 17.6 to 23.4 (5)
- 8 to 17.6 (11)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

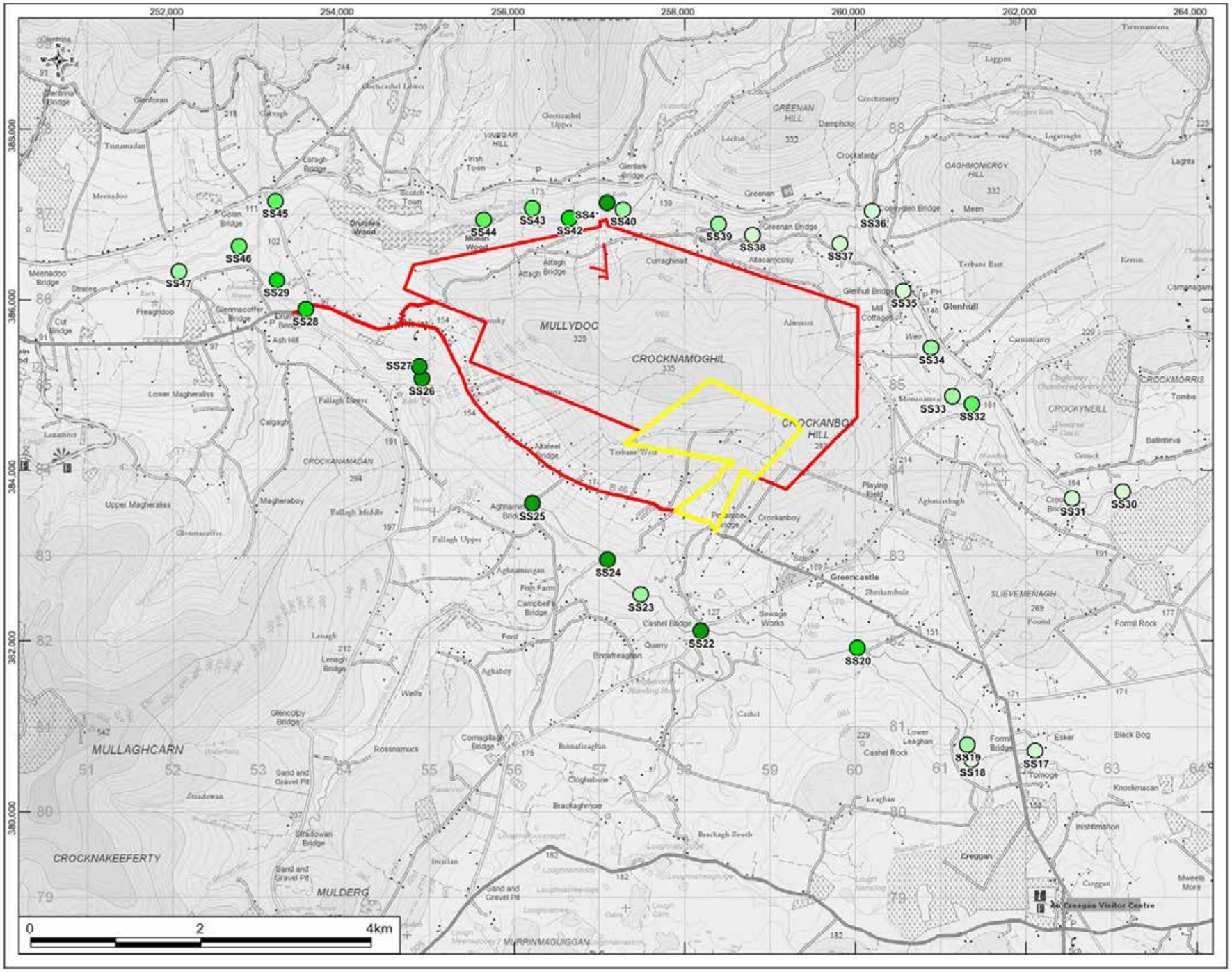
CHROMIUM IN STREAM SEDIMENTS

FIGURE SS5

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Copper in Stream Sediments
mg/kg

- 12.4 to 16.1 (6)
- 11.2 to 12.4 (4)
- 9.4 to 11.2 (5)
- 8.3 to 9.4 (7)
- 5.6 to 8.3 (8)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

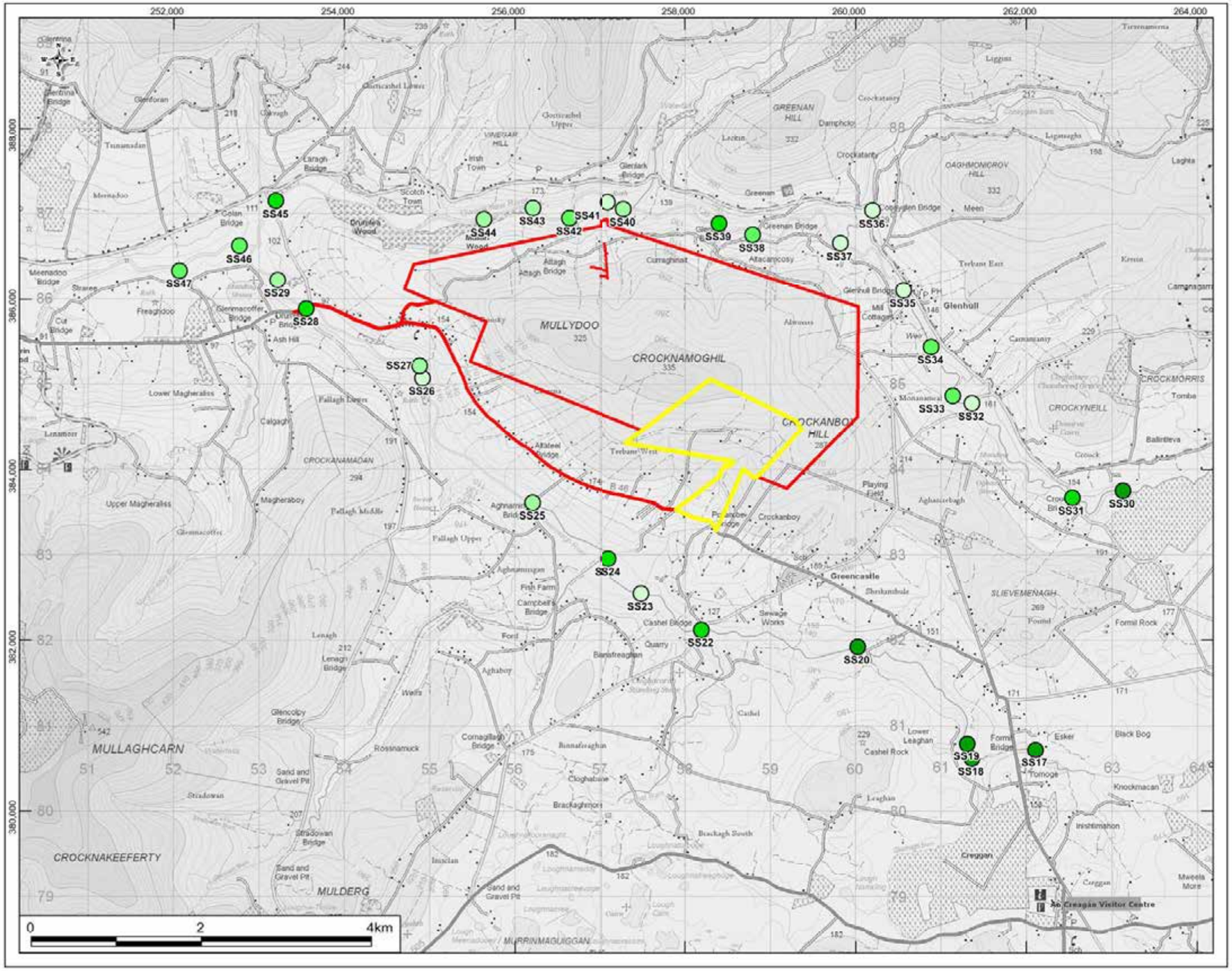
COPPER IN STREAM SEDIMENTS

FIGURE SS6

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Iron in Stream Sediments
mg/kg

- 26,800 to 32,300 (5)
- 23,400 to 26,800 (6)
- 21,900 to 23,400 (6)
- 20,300 to 21,900 (6)
- 14,700 to 20,300 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

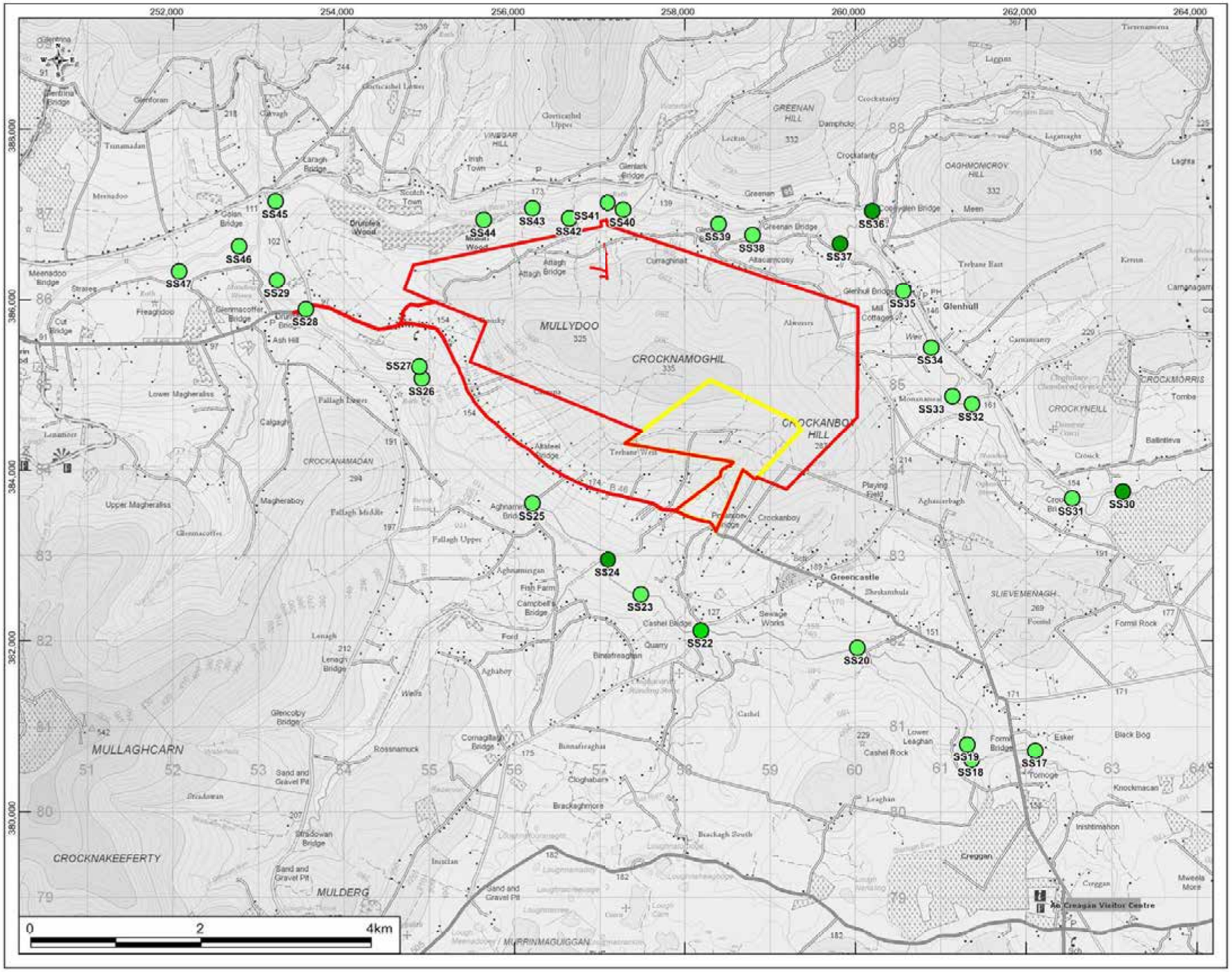
IRON IN STREAM SEDIMENTS

FIGURE SS7

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Hg in Stream Sediments
mg/kg

- 0.258 to 0.32 (4)
- 0.14 to 0.258 (1)
- < 0.14 (25)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1 Extract from OSNI 1:50,000 Raster Tiles.
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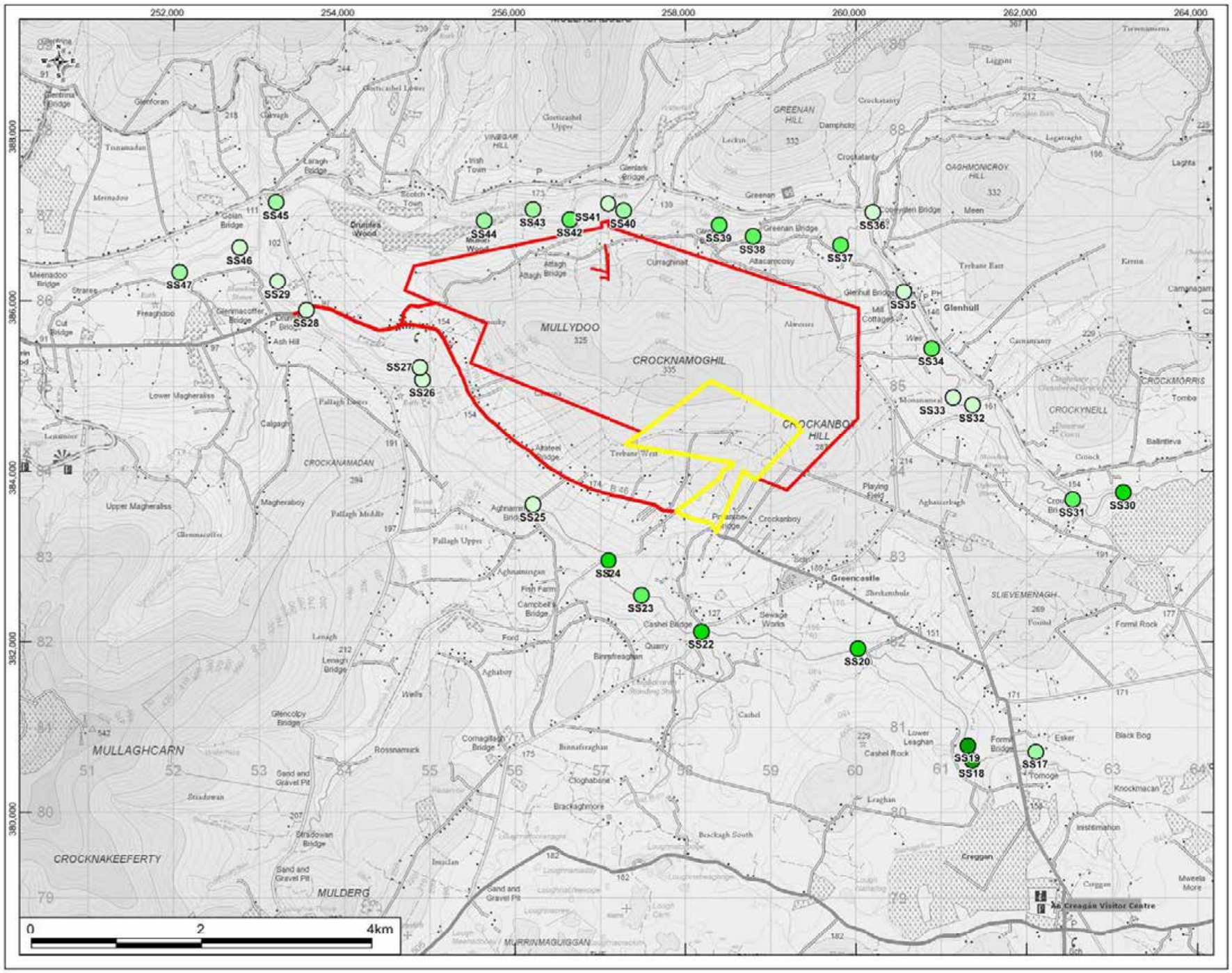
STREAM SEDIMENT SAMPLING

MERCURY IN STREAM SEDIMENTS

FIGURE SS8

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017



LEGEND

ADIT LOCATION

Manganese in Stream Sediments
mg/kg

- 2,860 to 4,610 (2)
- 1,520 to 2,860 (4)
- 1,070 to 1,520 (7)
- 840 to 1,070 (6)
- 400 to 840 (11)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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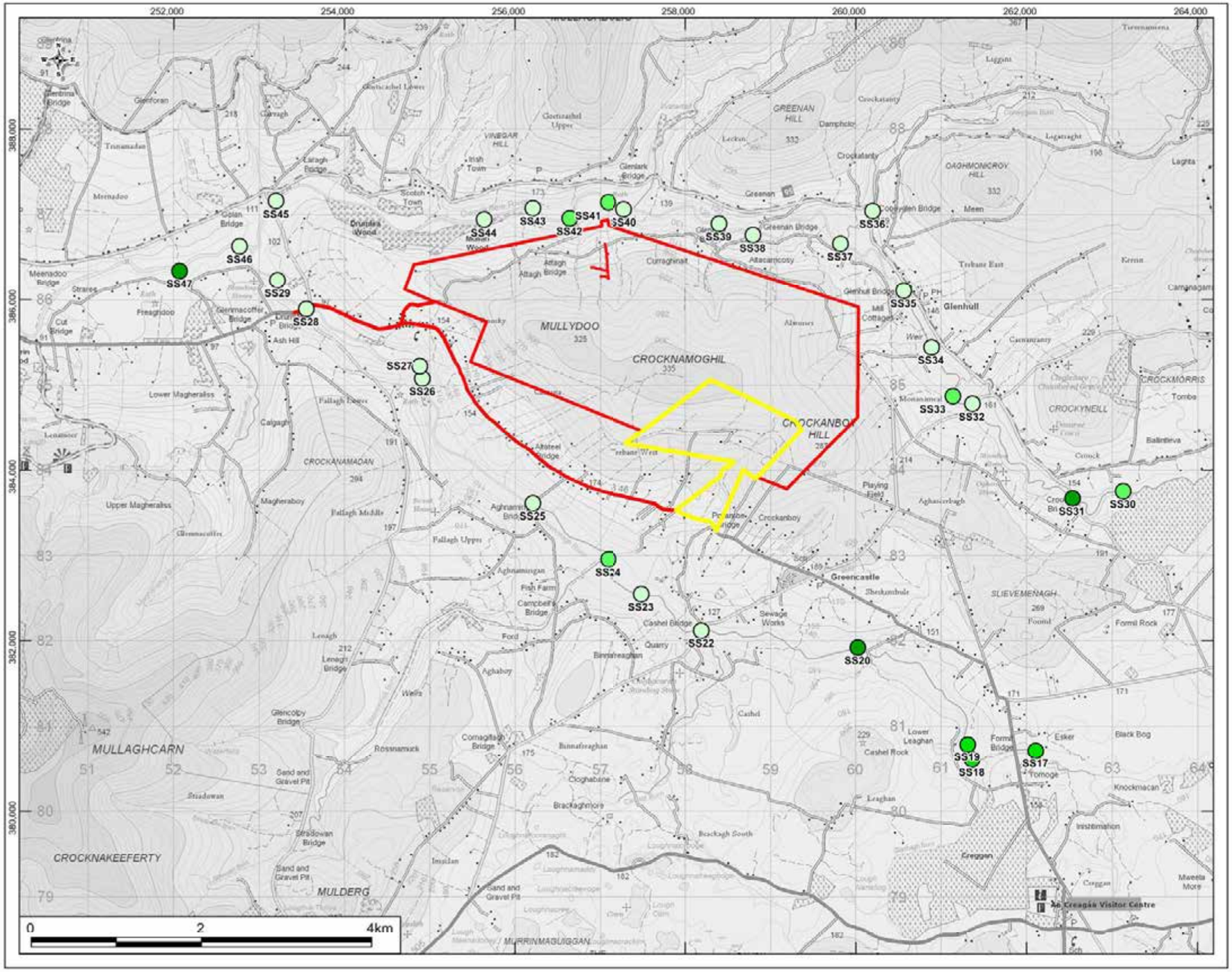
STREAM SEDIMENT SAMPLING

MANGANESE IN STREAM SEDIMENTS

FIGURE SS9

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017



LEGEND

ADIT LOCATION

Molybdenum in Stream Sediments
mg/kg

- 0.355 to 0.52 (3)
- 0.202 to 0.355 (3)
- 0.118 to 0.202 (5)
- < 0.1 (19)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1. Extract from OSNI 1:50,000 Raster Tiles.
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STREAM SEDIMENT SAMPLING

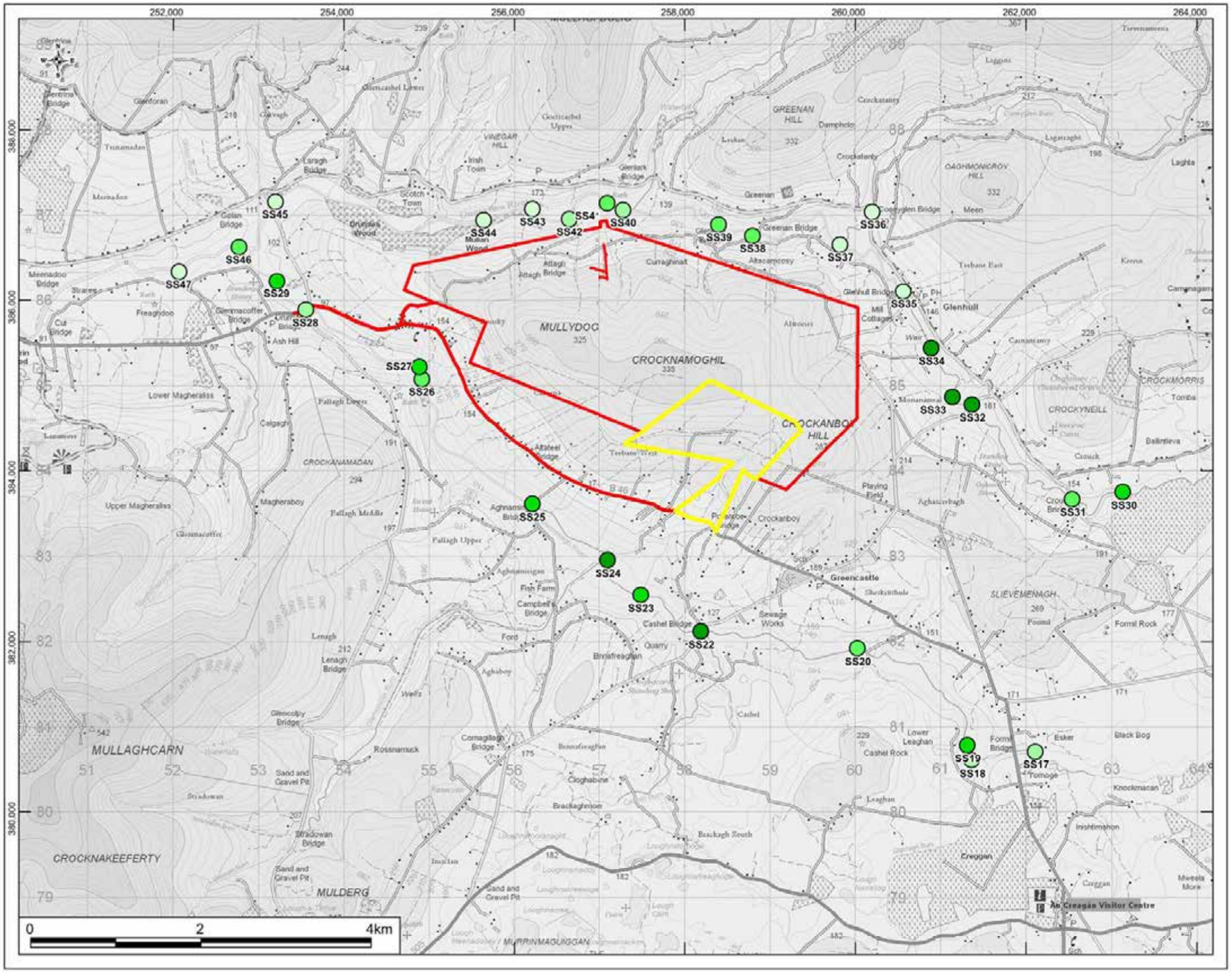
MOLYBDENUM IN STREAM SEDIMENTS

FIGURE SS10

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Nickel in Stream Sediments
mg/kg

- 21.6 to 28.3 (5)
- 20.4 to 21.6 (6)
- 18.6 to 20.4 (7)
- 17.1 to 18.6 (5)
- 11.6 to 17.1 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

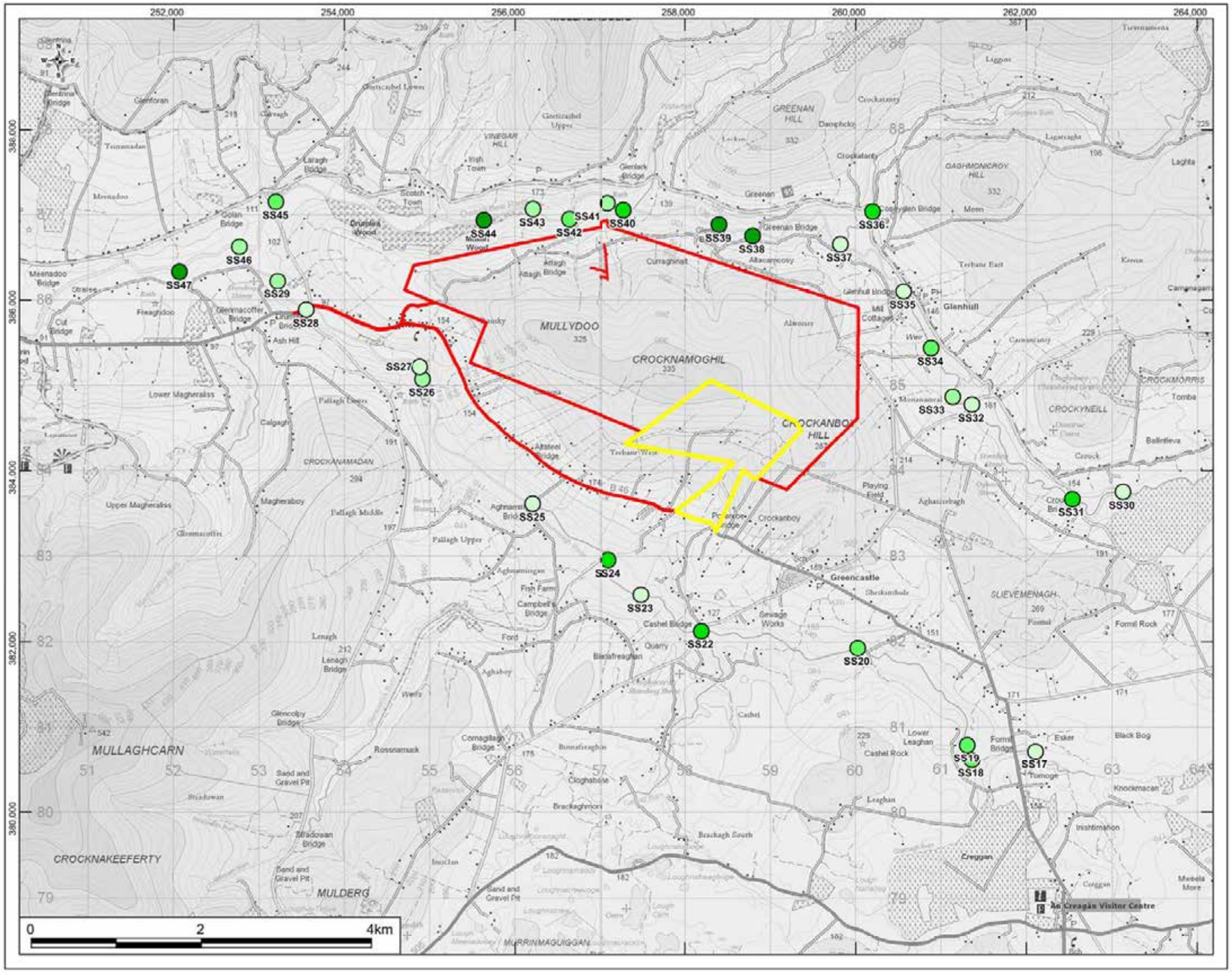
NICKEL IN STREAM SEDIMENTS

FIGURE SS11

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Lead in Stream Sediments
mg/kg

- 13.5 to 18.9 (4)
- 9.3 to 13.5 (5)
- 8.3 to 9.3 (6)
- 7.4 to 8.3 (6)
- 5.8 to 7.4 (9)

APPLICATION AREA

INFRASTRUCTURE AREA A

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

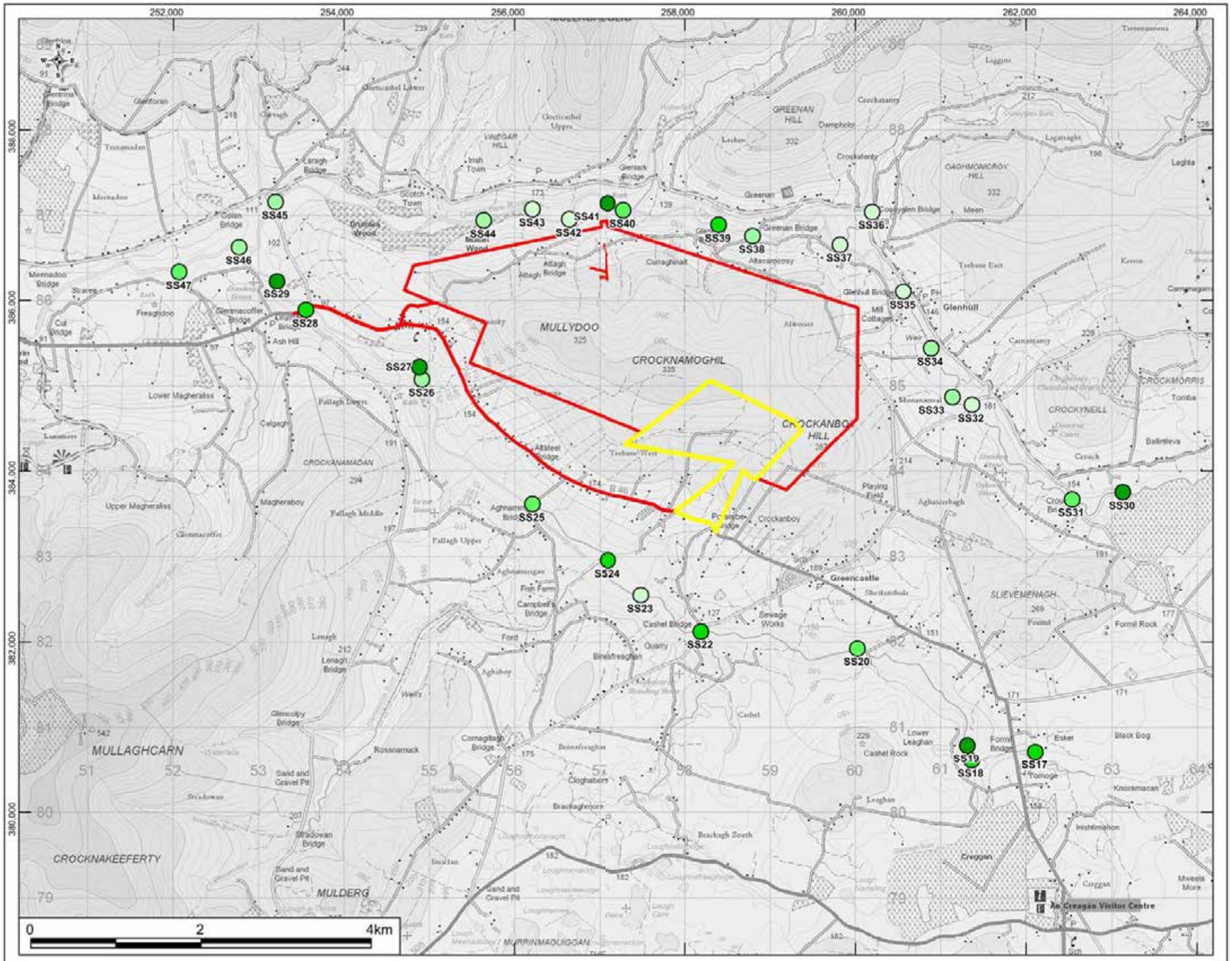
LEAD IN STREAM SEDIMENTS

FIGURE SS12

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.605_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Antimony in Stream Sediments
mg/kg

- 0.941 to 1.04 (5)
- 0.836 to 0.941 (6)
- 0.795 to 0.836 (5)
- 0.672 to 0.795 (7)
- 0.6 to 0.672 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

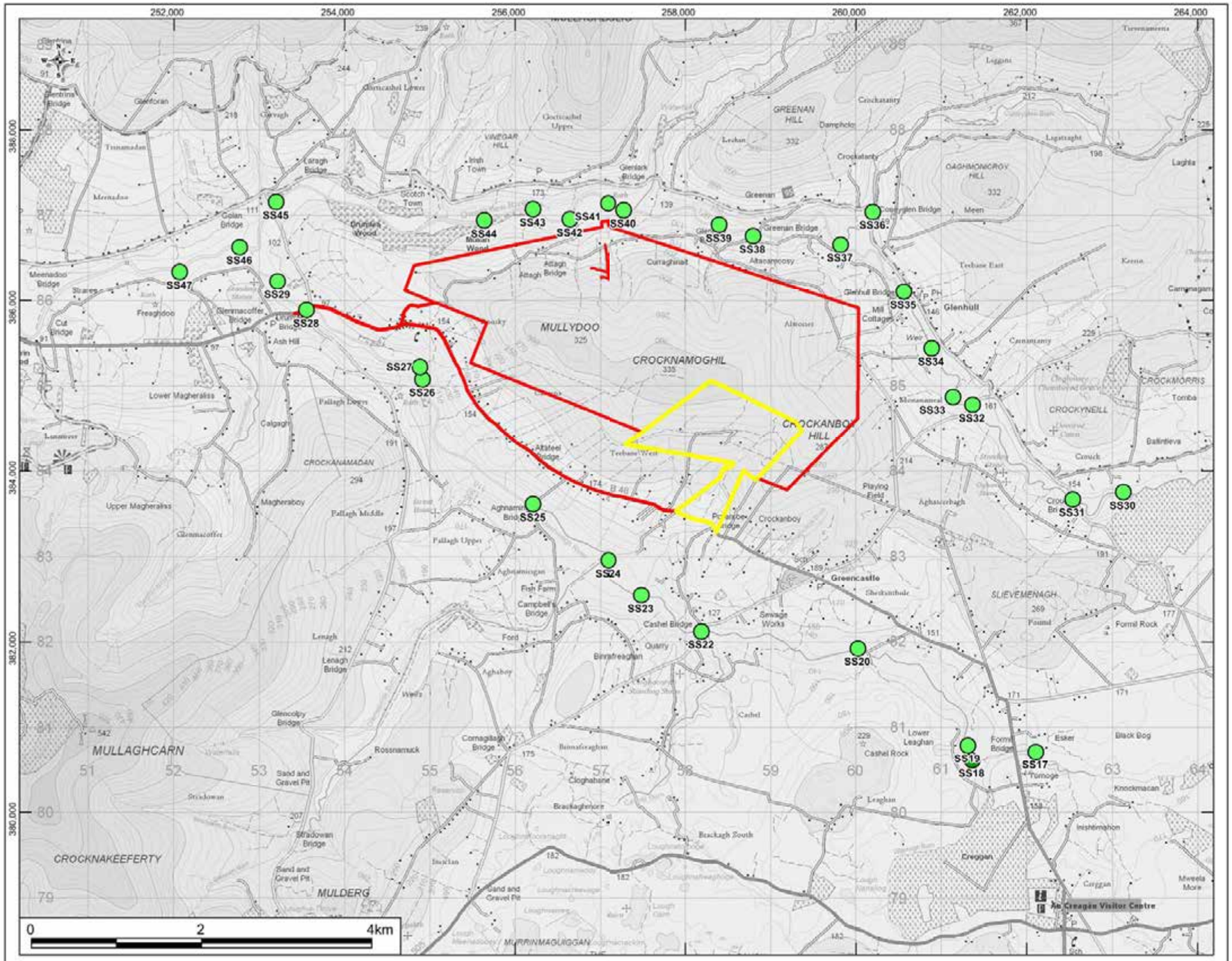
ANTIMONY IN STREAM SEDIMENTS

FIGURE SS13

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.R06.005_3.12.STREAM SEDIMENT SAMPLING.2015



LEGEND

ADIT LOCATION

Selenium in Stream Sediments
mg/kg

- 1 to 1.76 (1)
- 1 to 1 (29)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

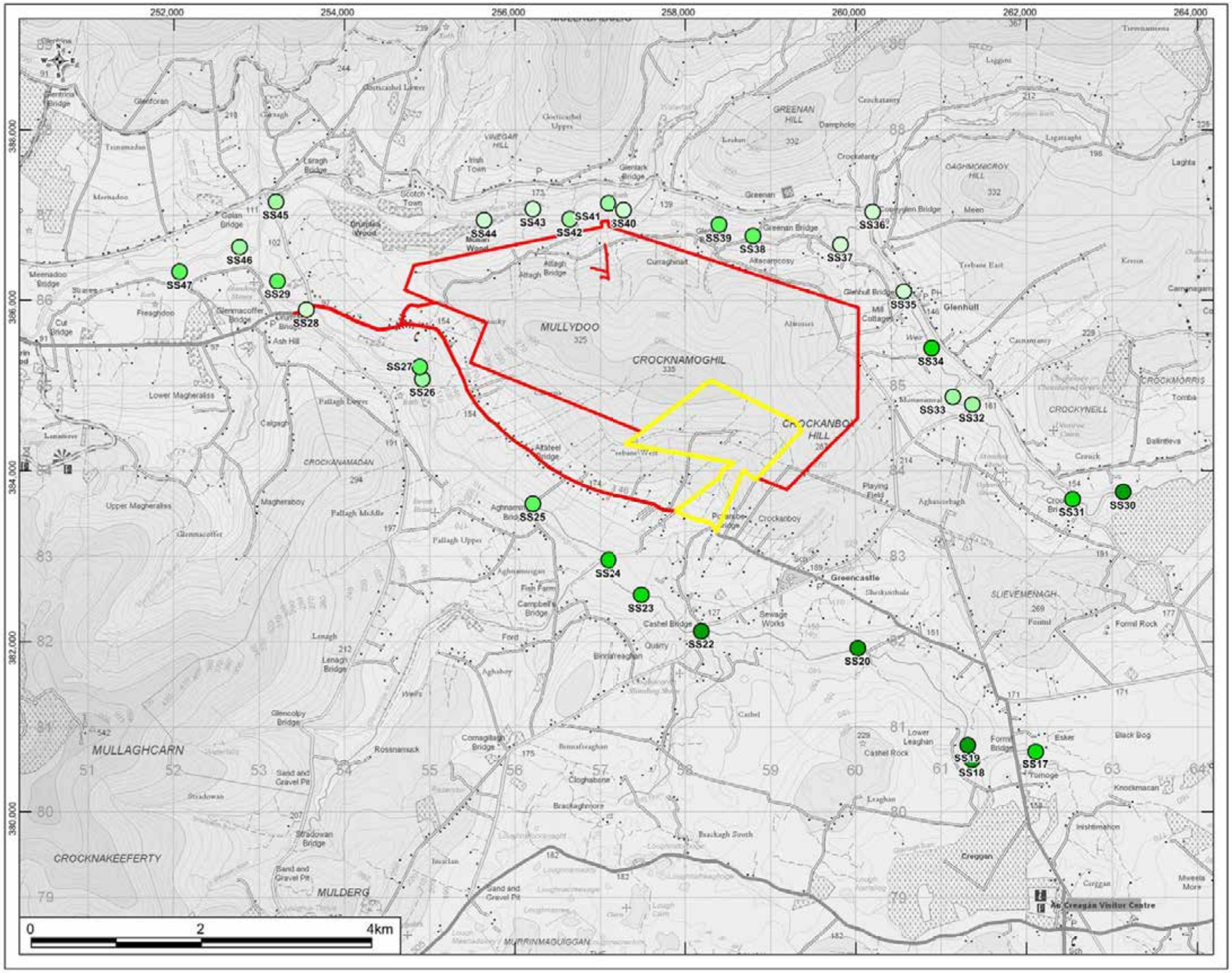
SELENIUM IN STREAM SEDIMENTS

FIGURE SS14

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.008.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Zinc in Stream Sediments
mg/kg

- 71.2 to 89.6 (5)
- 60.8 to 71.2 (5)
- 52.2 to 60.8 (6)
- 45.8 to 52.2 (7)
- 30.1 to 45.8 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1. Extract from OSNI 1:50,000 Raster Tiles.
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STREAM SEDIMENT SAMPLING

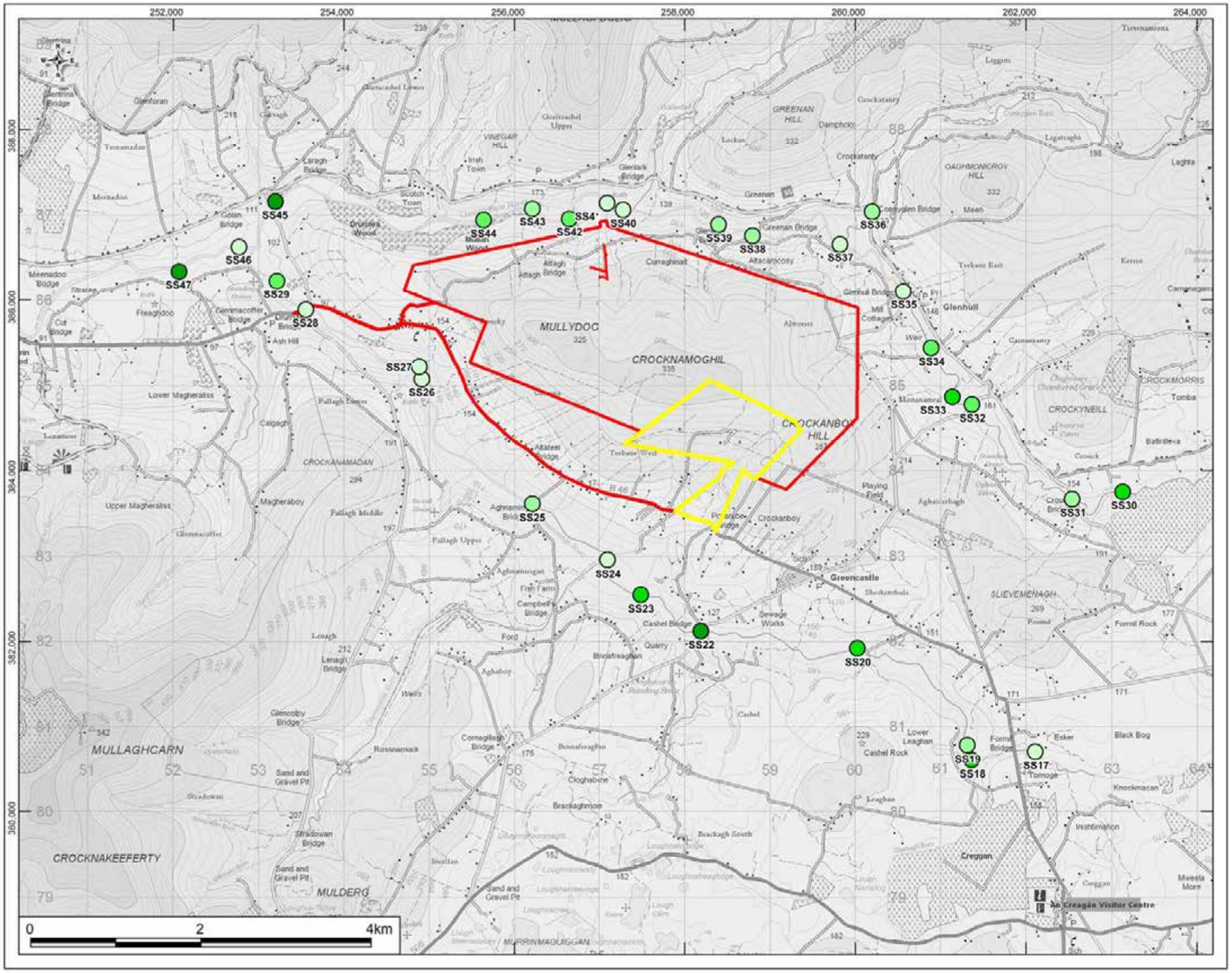
ZINC IN STREAM SEDIMENTS

FIGURE SS15

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Nitrate in Stream Sediments
mg/kg

- 0.593 to 0.981 (3)
- 0.455 to 0.593 (5)
- 0.441 to 0.455 (5)
- 0.278 to 0.441 (7)
- 0.226 to 0.278 (10)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

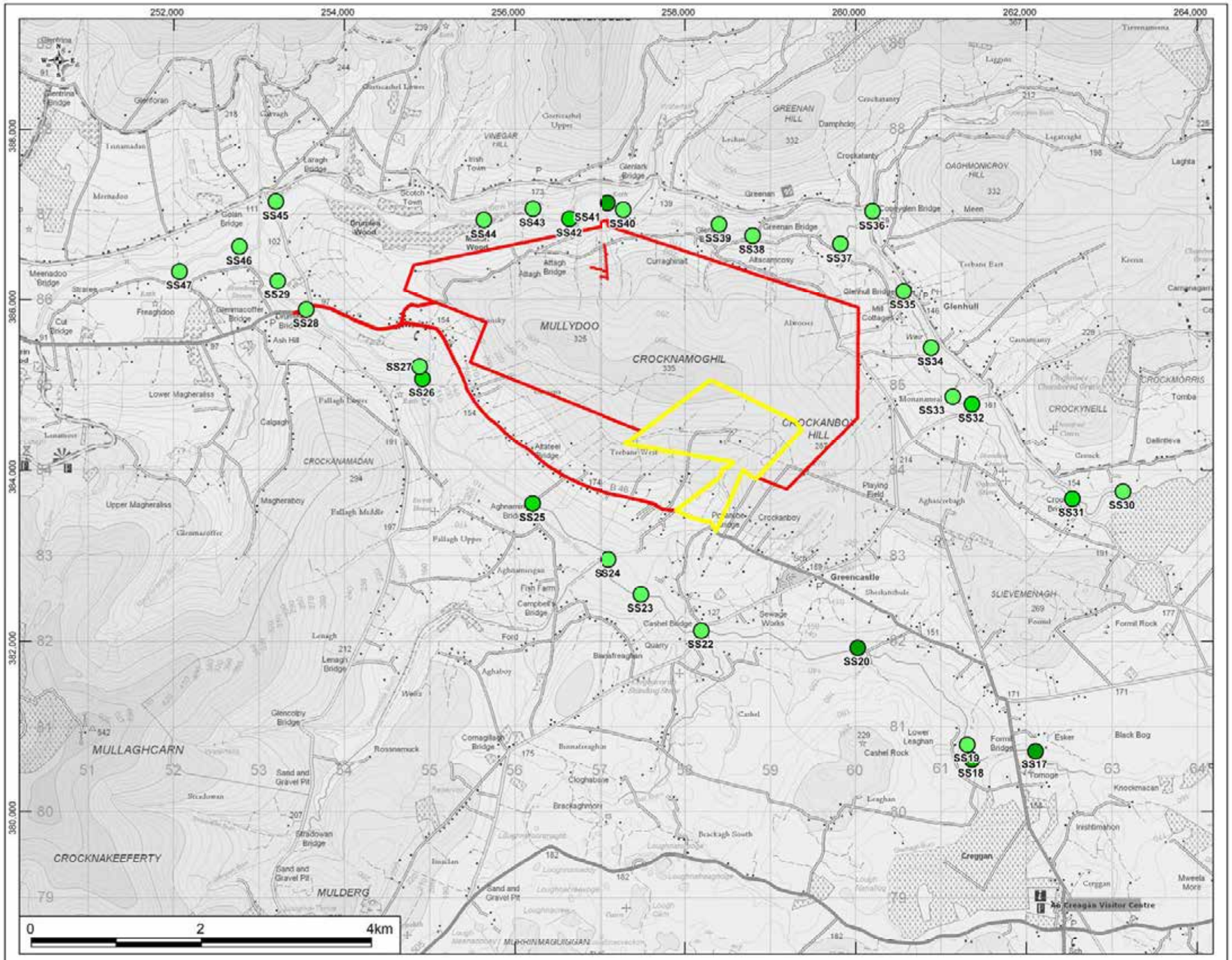
NITRATES IN STREAM SEDIMENTS

FIGURE SS16

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Phosphate in Stream Sediments
mg/kg

- 1.65 to 2.97 (4)
- 1.2 to 1.65 (5)
- 1 to 1.2 (21)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

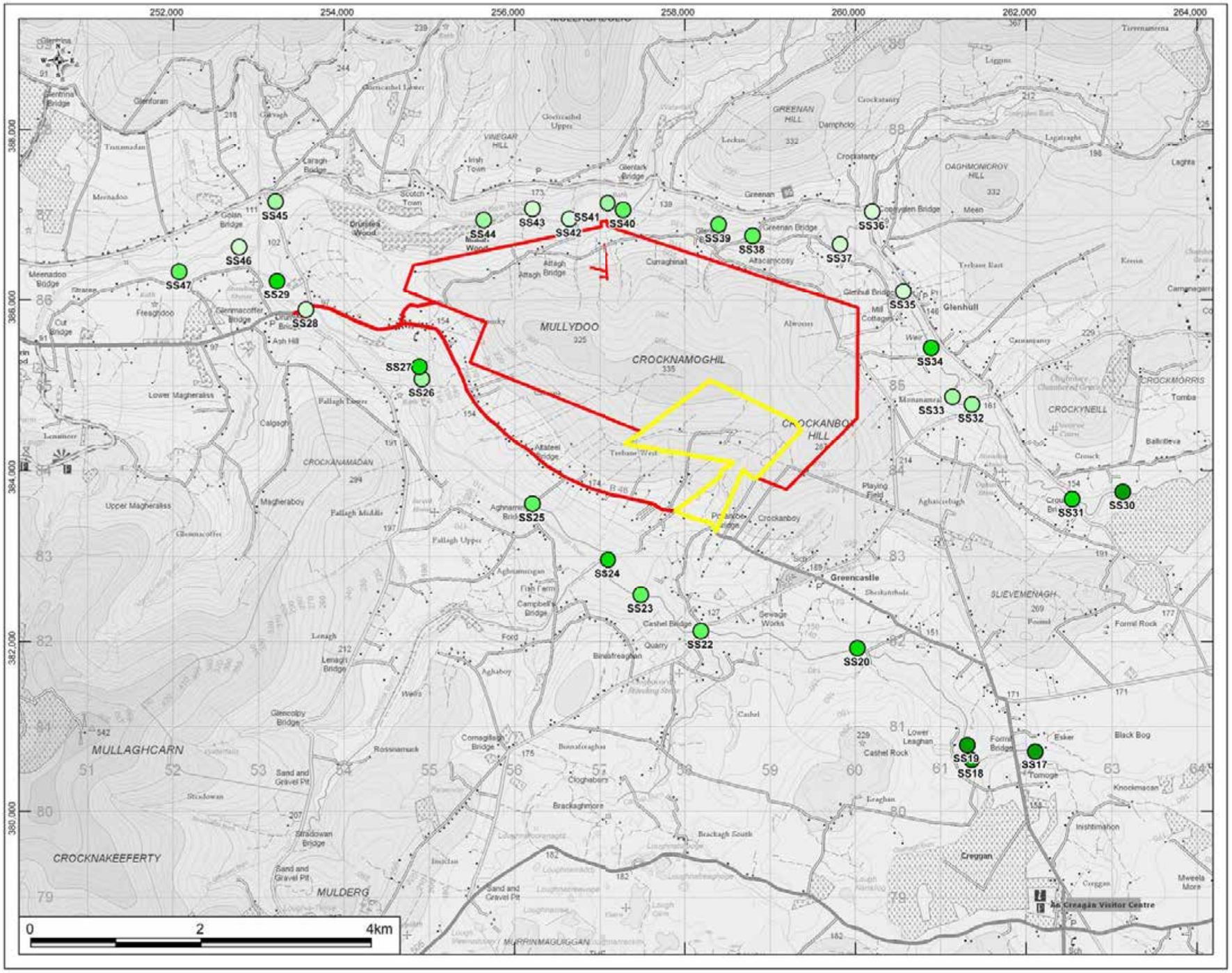
PHOSPHATE IN STREAM SEDIMENTS

FIGURE SS17

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.605_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

Phosphorous in Stream Sediments mg/kg

- 388 to 765 (4)
- 349 to 388 (6)
- 305 to 349 (7)
- 277 to 305 (6)
- 216 to 277 (7)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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STREAM SEDIMENT SAMPLING

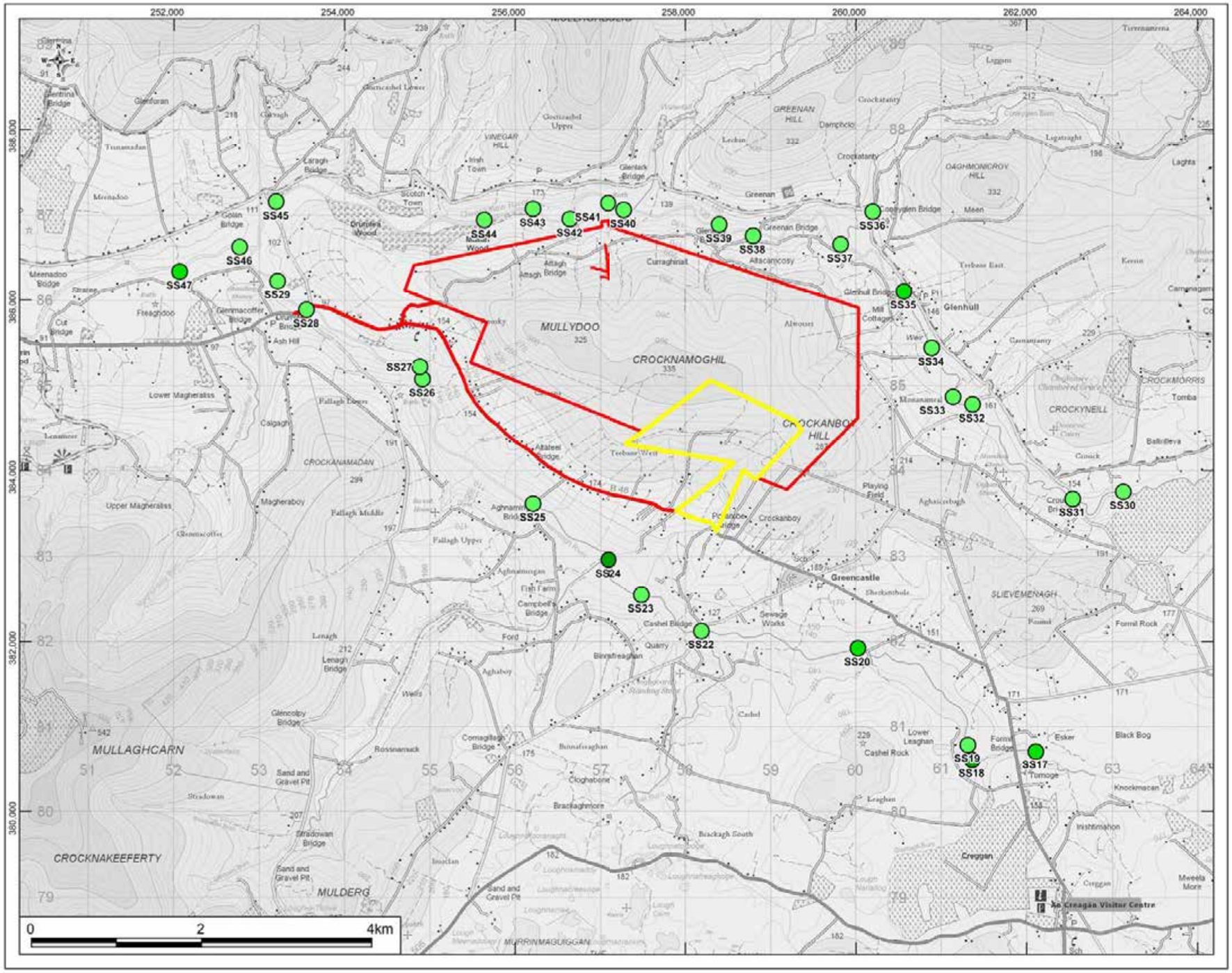
PHOSPHOROUS IN STREAM SEDIMENTS

FIGURE SS18

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00041.006.005_3.12.STREAM SEDIMENT SAMPLING.2015



LEGEND

ADIT LOCATION

Soil Organic Matter in Stream Sediments mg/kg

- 1.14 to 1.57 (2)
- 0.35 to 1.14 (4)
- < 0.35 (24)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

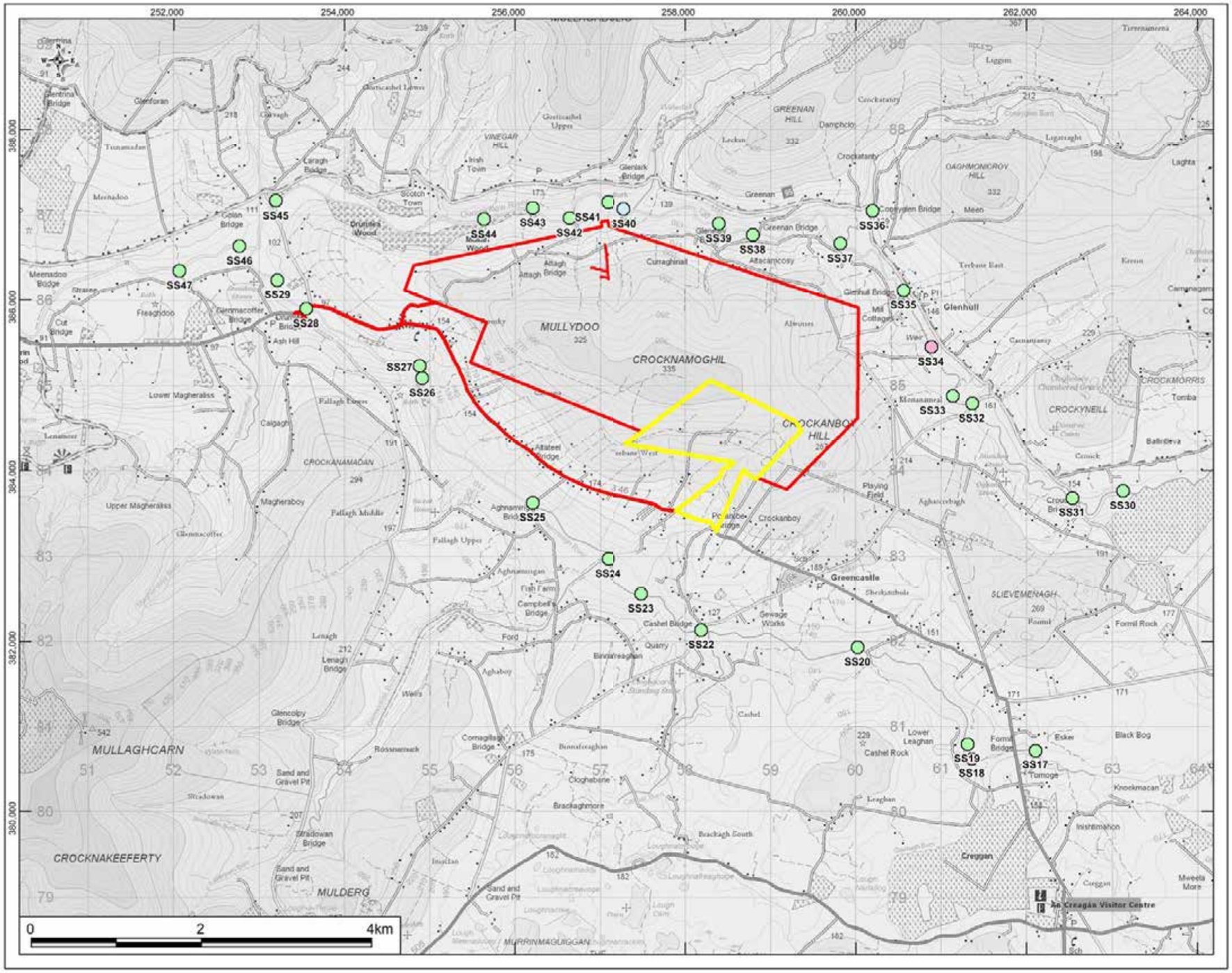
SOIL ORGANIC MATTER IN STREAM SEDS.

FIGURE SS19

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12.STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

PH

- pH>8.5
- pH 6.5 - 8.5
- pH<6.5

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
1. Extract from OSNI 1:50,000 Raster Tiles.
2. OSNI Licence No. 64421. (c) Crown Copyright

DALRADIAN GOLD

SLR CONSULTING IRELAND
7 DUNDRUM BUSINESS PARK,
WINDY ARBOUR,
DUBLIN
D14 N2Y7
T: +353-1-2964667
www.slrconsulting.com

CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

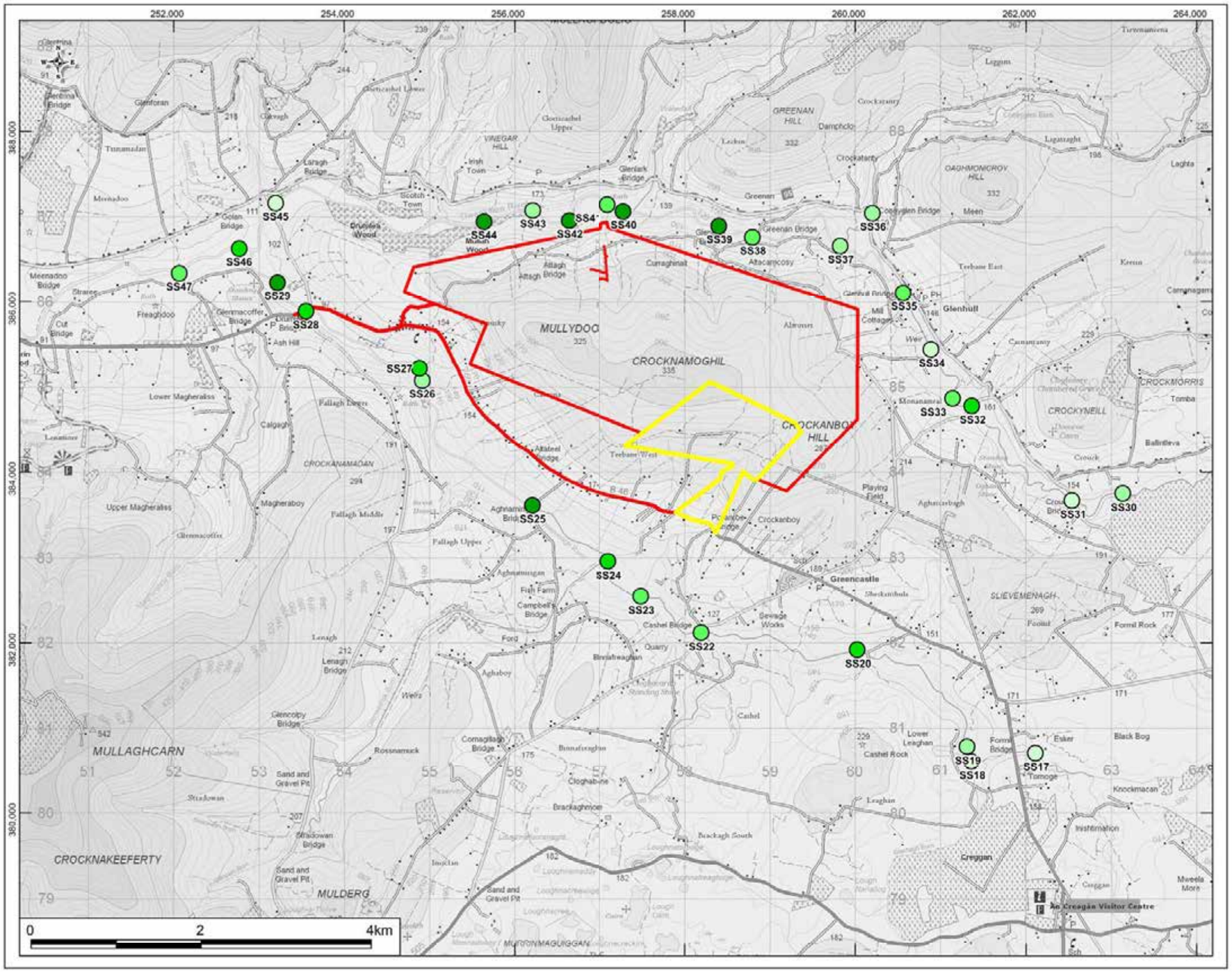
pH of STREAM SEDIMENT SAMPLES

FIGURE SS20

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00041.006.005_3.12-STREAM SEDIMENT SAMPLING 2015



LEGEND

ADIT LOCATION

pH Detail in Stream Sediments
mg/kg

- 7.21 to 8.52 (6)
- 7.05 to 7.21 (6)
- 6.85 to 7.05 (7)
- 6.68 to 6.85 (6)
- 6.43 to 6.68 (5)

APPLICATION AREA

INFRASTRUCTURE AREA A

Notes:
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7 DUNDRUM BUSINESS PARK,
WINDY ARBOUR,
DUBLIN
D14 N2Y7
T:+353-1-2964667
www.slrconsulting.com

CURRAGHINALT GOLD DEPOSIT

STREAM SEDIMENT SAMPLING

DETAIL pH OF STREAM SED. SAMPLES

FIGURE SS21

Scale: 1:50,000 @A3

Date: SEPTEMBER 2017

501.00241.006.005_3.12 STREAM SEDIMENT SAMPLING 2015