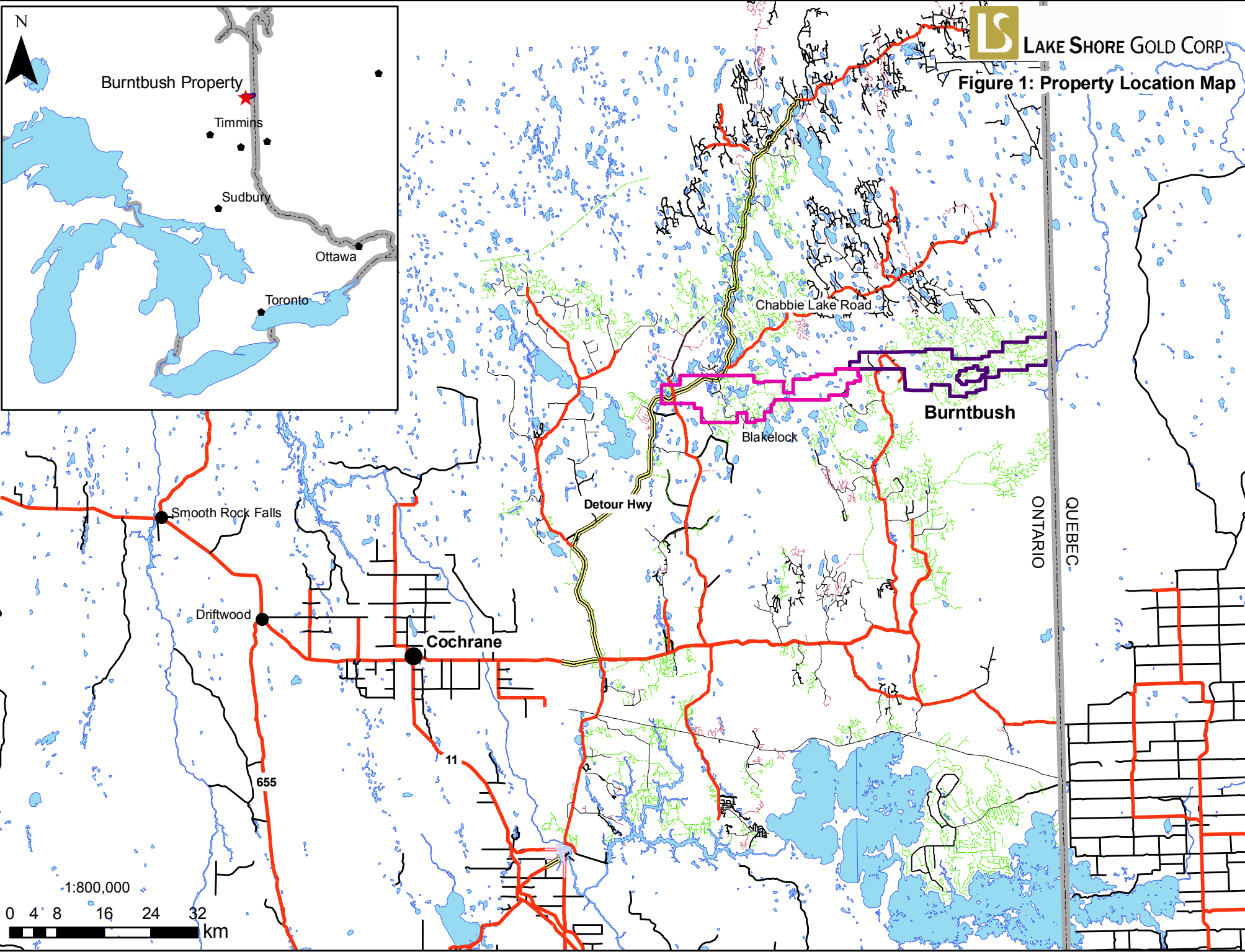
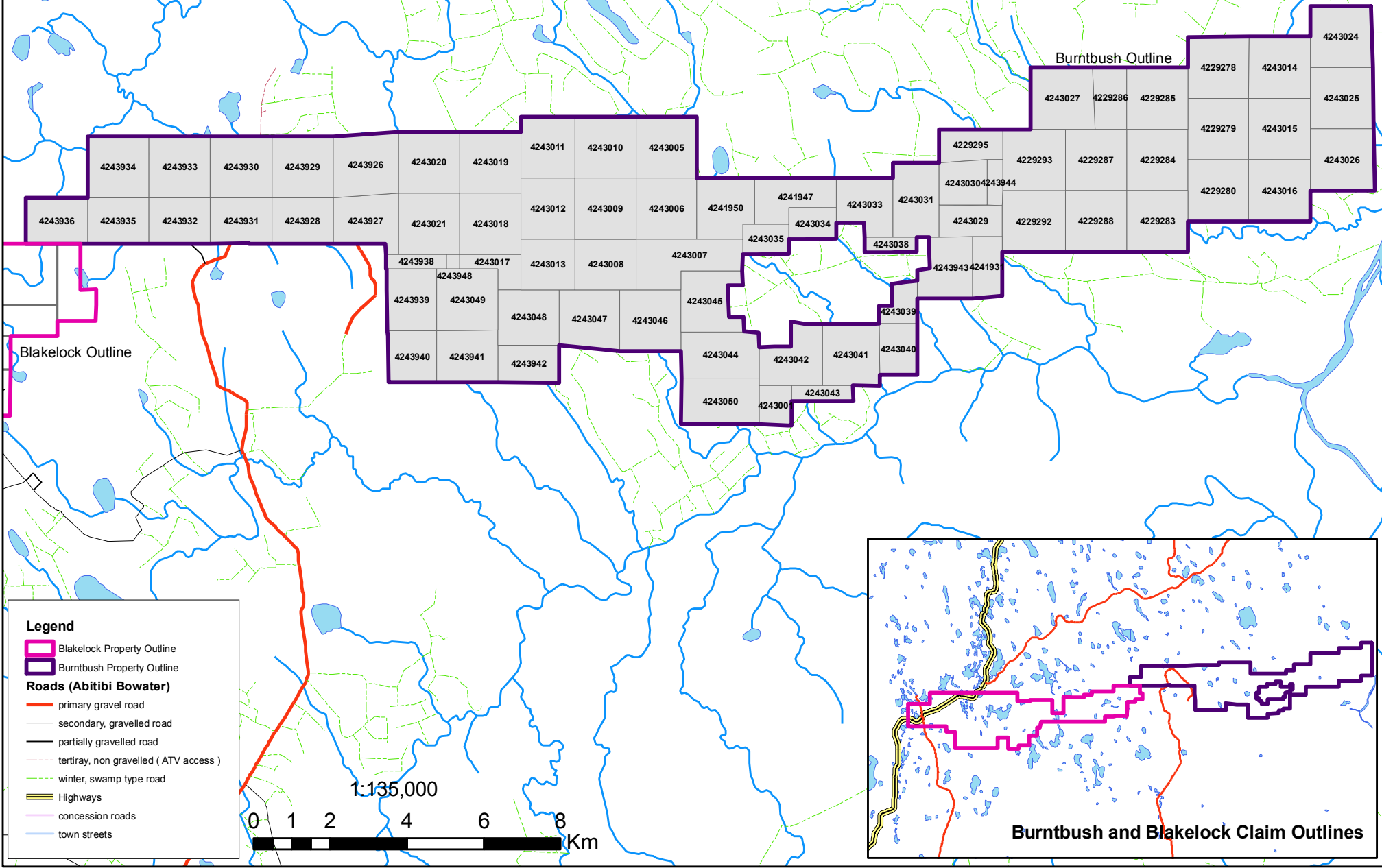


**Figure 1: Property Location Map**



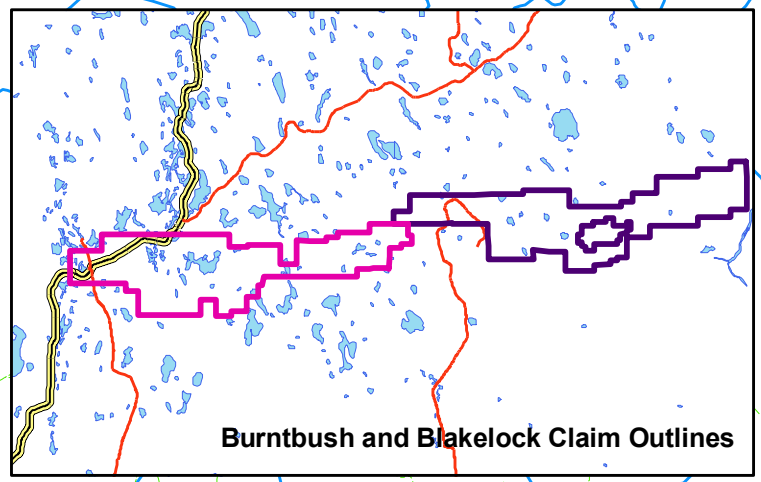
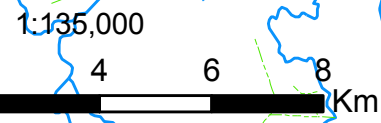


**Legend**

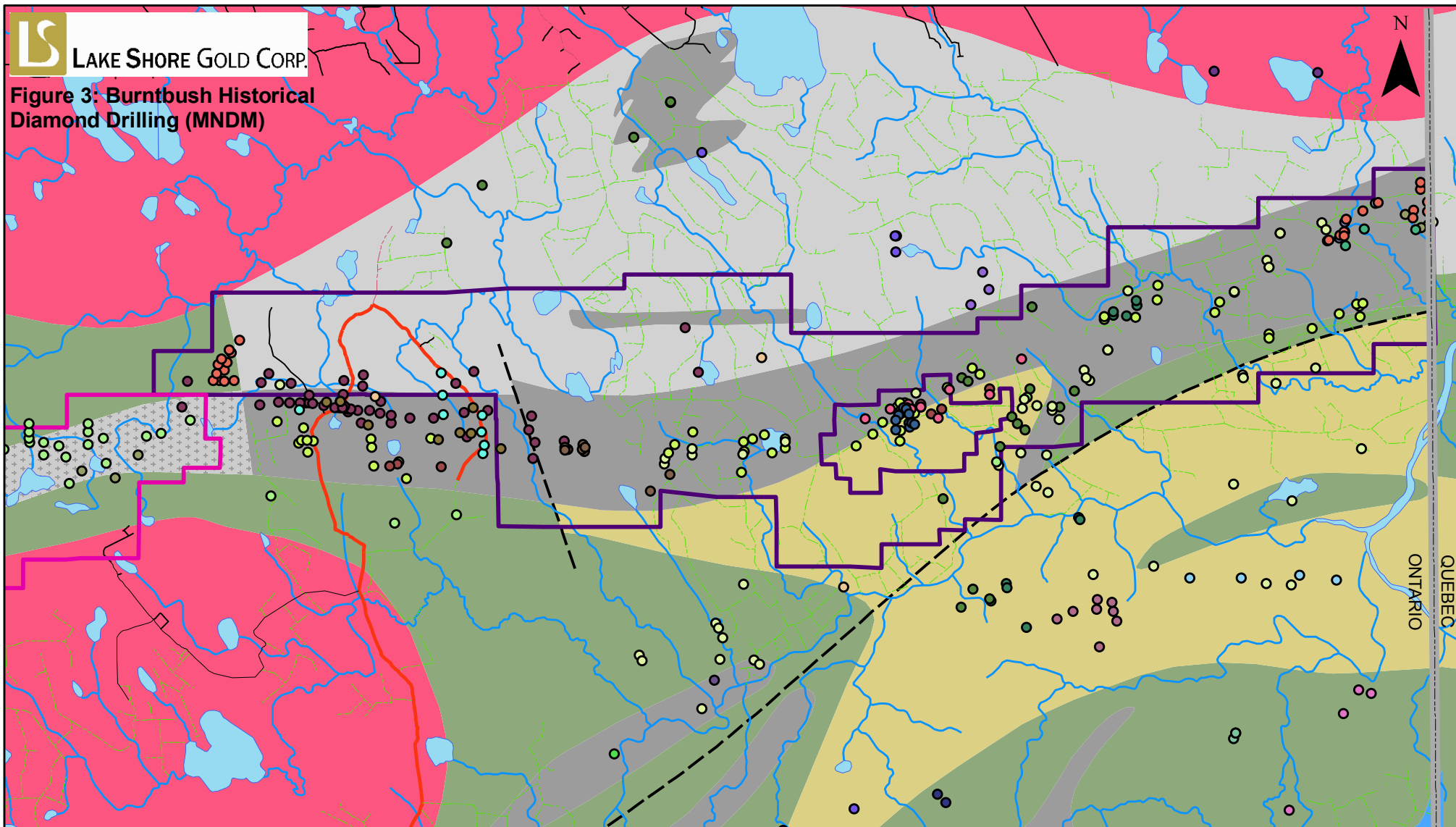
- Blakelock Property Outline
- Burntbush Property Outline

**Roads (Abitibi Bowater)**

- primary gravel road
- secondary, gravelled road
- partially gravelled road
- tertiary, non gravelled (ATV access)
- winter, swamp type road
- Highways
- concession roads
- town streets



**Figure 3: Burntbush Historical Diamond Drilling (MNDM)**



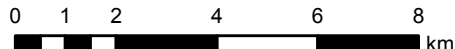
**Legend**

**Diamond Drill Holes**

**Company Name**

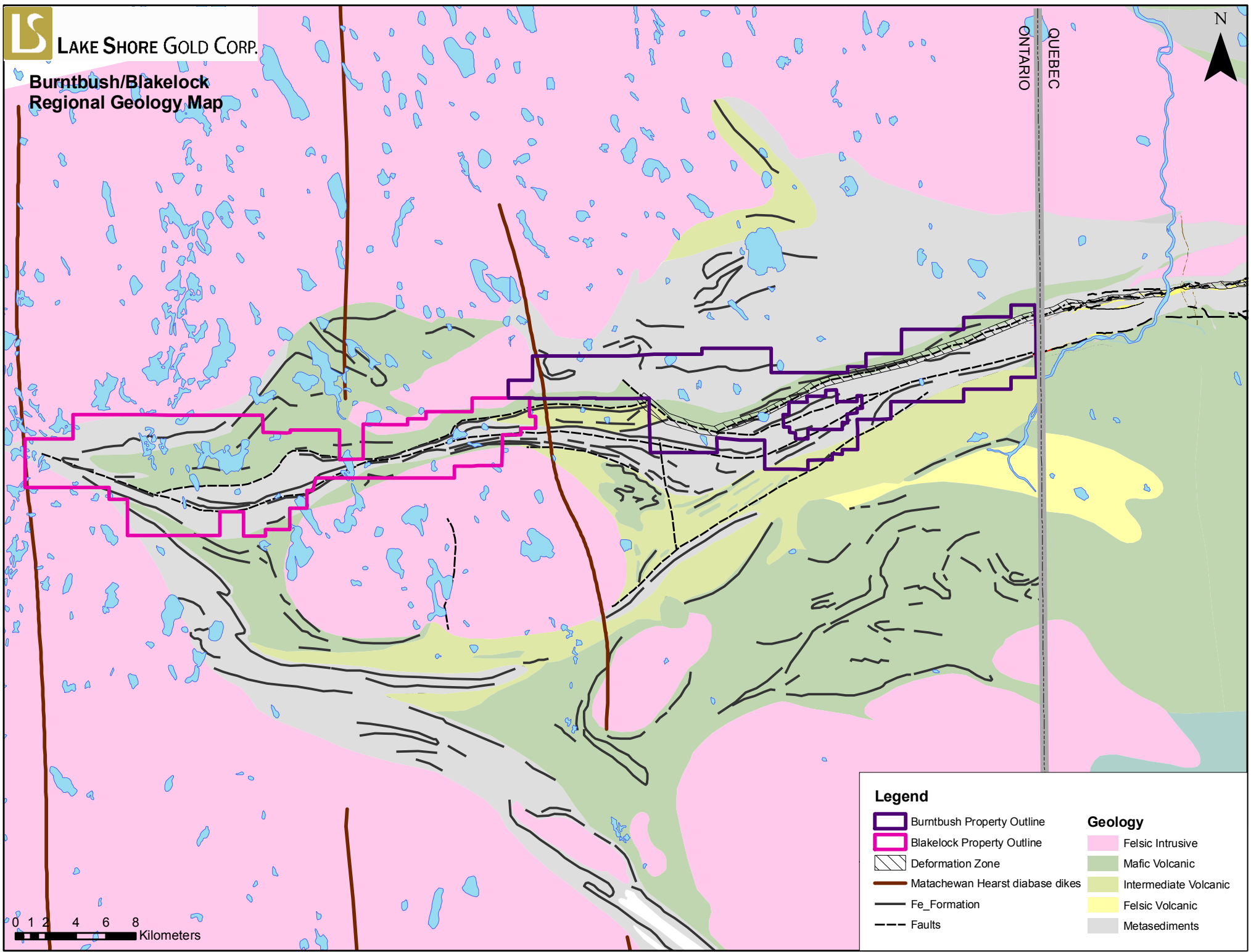
- |                     |                                  |                        |                       |                              |
|---------------------|----------------------------------|------------------------|-----------------------|------------------------------|
| ● ADOLA MINING CORP | ● CDN NICKEL CO LTD              | ● GEOPH ENG LTD        | ● MORRISON MINERALS   | ● TECK CORP                  |
| ● ASARCO EXPL CO    | ● COGEMA CANADA LTD              | ● GLEN AUDEN RESC LTD  | ● MORRISON MINERALS   | ● TEXAS GULF SULPHUR         |
| ● ASARCO EXPL LTD   | ● COGEMA CANADA LTD/AMERITEX RES | ● GLENCANNON RESOURCES | ● NEWMONT EXPL LTD    | ● TOTAL ENERGOLD             |
| ● AURIZON MINES LTD | ● CONWEST EXPL CO LTD            | ● HEMLO GOLD MINES     | ● NORANDA EXPL CO LTD | ● TRI ORIGIN EXPL LTD        |
| ● AUROGIN RESC LTD  | ● DOME EXPL LTD                  | ● HIGHWOOD RESC LTD    | ● ORSINA RESC LTD     | ● TVX GOLD                   |
| ● CAN SUPERIOR EXPL | ● EASTMAIN RESC INC              | ● HUBBAY MINING LTD    | ● PLACER DOME INC     | ● Blakelock Property Outline |
| ● FALCONBRIDGE LTD  | ● ESSO RESC CANADA               | ● INCO LTD             | ● RIO TINTO CAN EXPL  | ● Burntbush Property Outline |
|                     | ● J R MOWAT (ASARCO)             | ● ROYAL OAK MINES INC  | ● FAULTS              |                              |

- 15 granodiorite to granite
- 12 Foliated tonalite suite
- 10 Mafic and ultramafic rocks
- 7 Metasedimentary rocks
- 7a Paragneisses and migmatites
- 7c Marble, chert, iron formation rocks
- 7d Conglomerate
- 7e Paragneiss and migmatites
- 6 Felsic to intermediate metavolcanics
- 5 Mafic to intermediate metavolcanics



**Burntbush/Blakelock  
Regional Geology Map**

ONTARIO  
QUEBEC



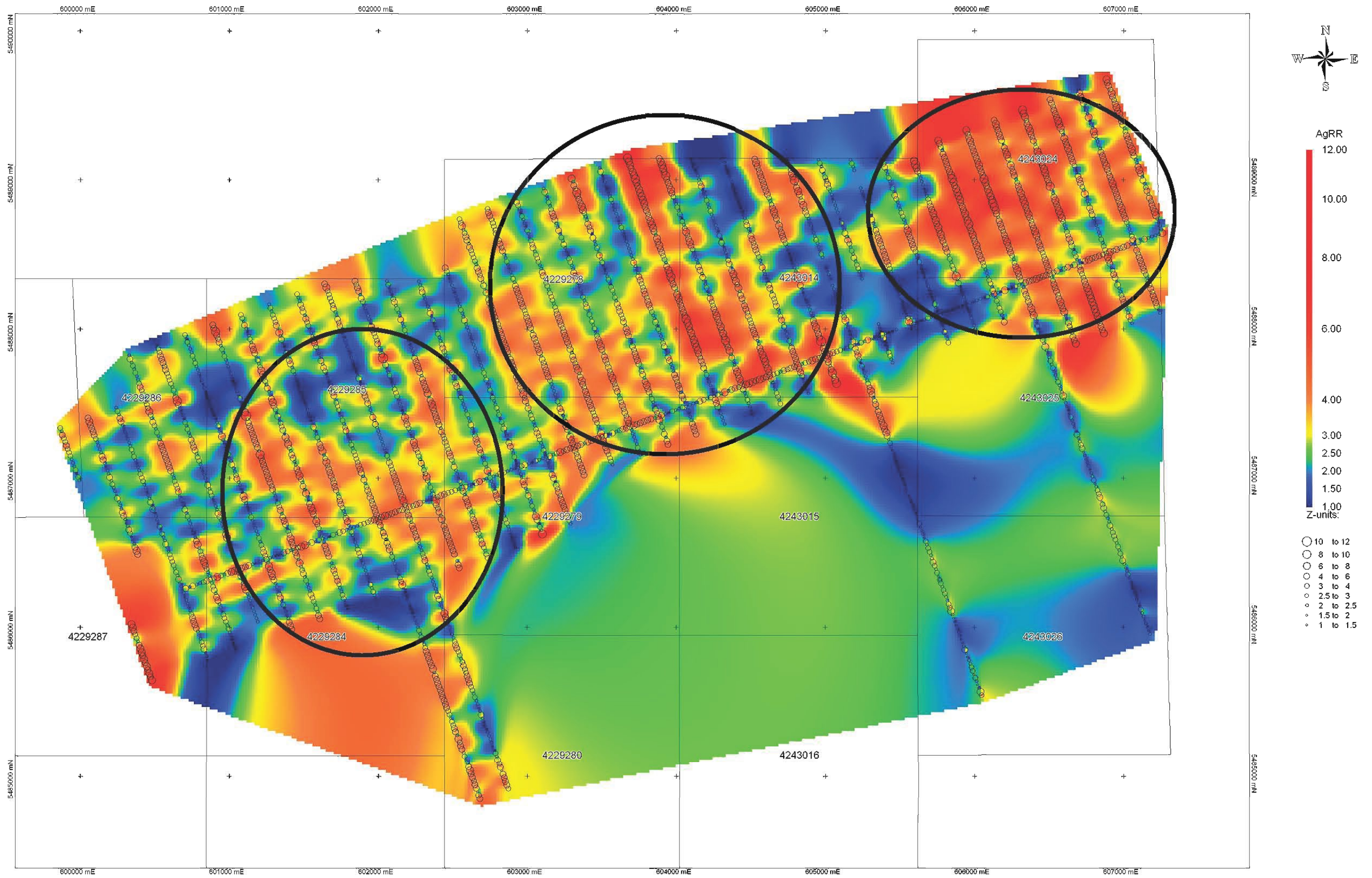
0 1 2 4 6 8  
Kilometers

**Legend**

- Burntbush Property Outline
  - Blakelock Property Outline
  - Deformation Zone
  - Matachewan Hearst diabase dikes
  - Fe\_Formation
  - Faults
- Geology**
- Felsic Intrusive
  - Mafic Volcanic
  - Intermediate Volcanic
  - Felsic Volcanic
  - Metasediments



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - AgRR

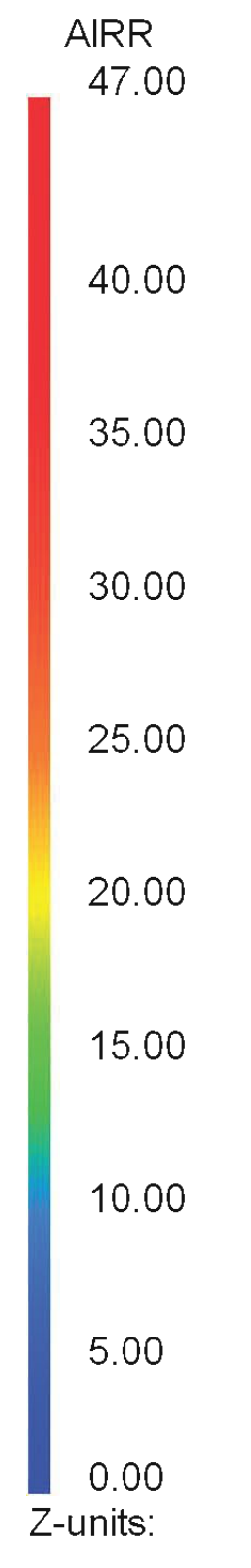
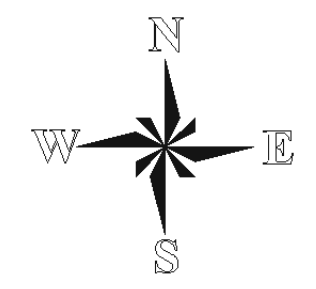
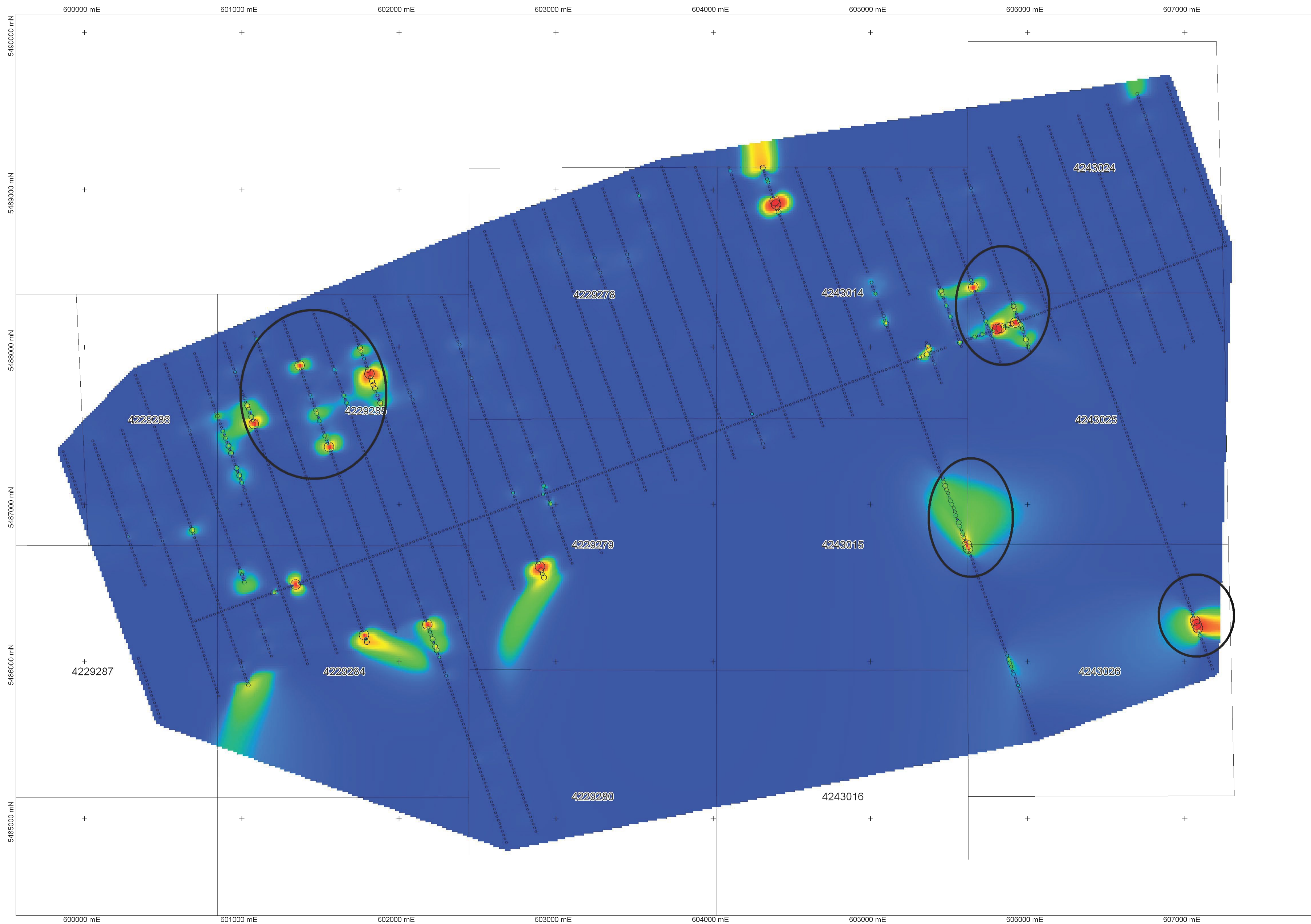


Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

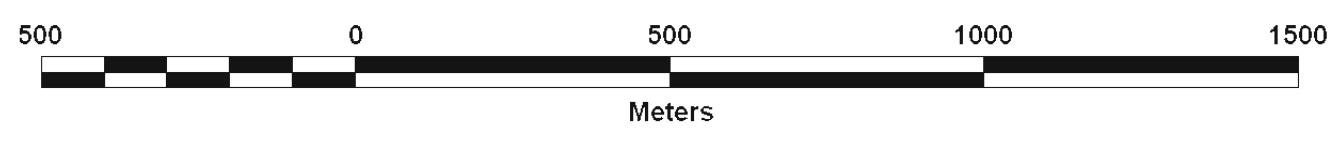
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - AIRR



- 40 to 47
- 35 to 40
- 30 to 35
- 25 to 30
- 20 to 25
- 15 to 20
- 10 to 15
- 5 to 10
- 0 to 5



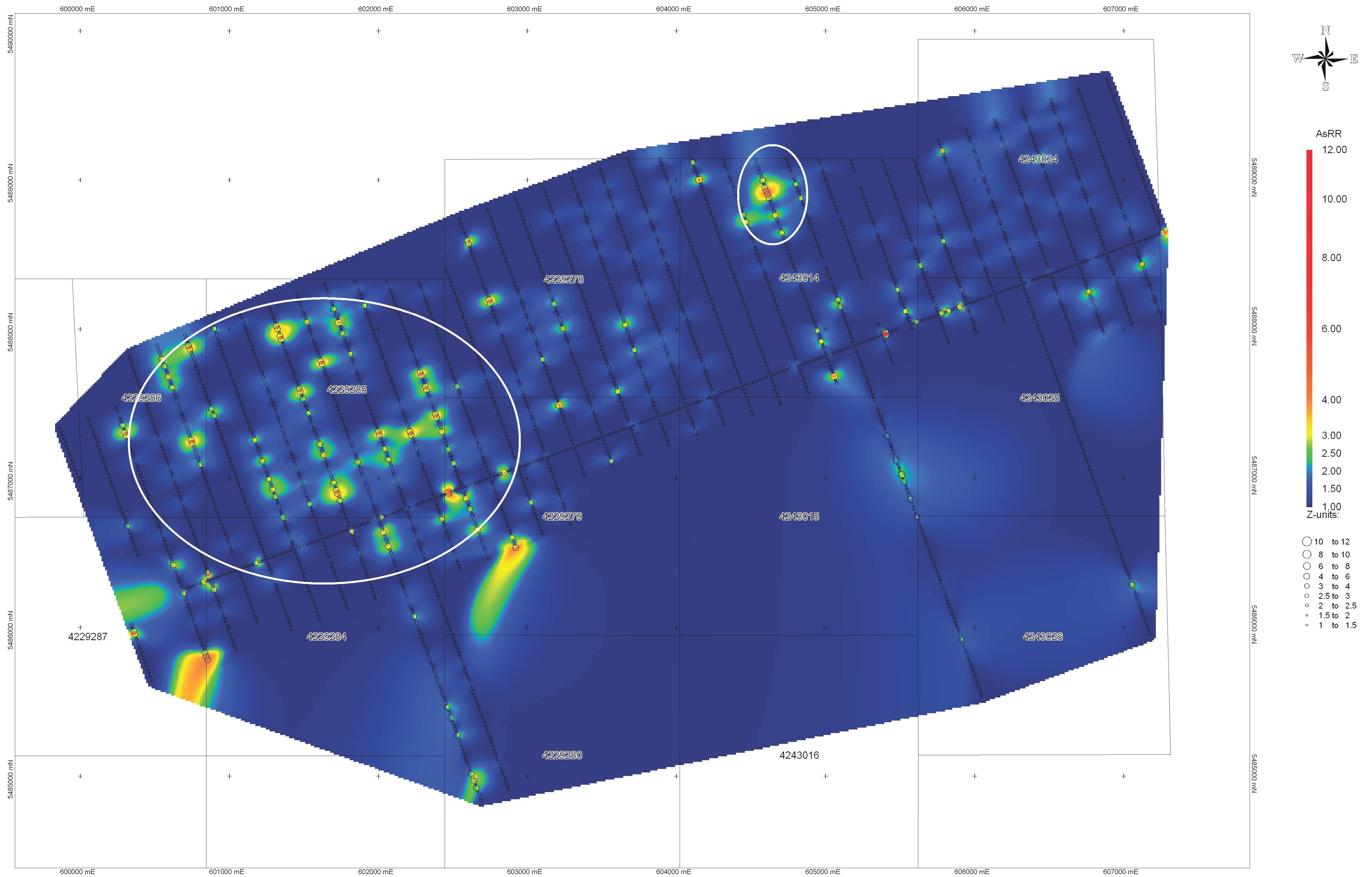
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - AsRR

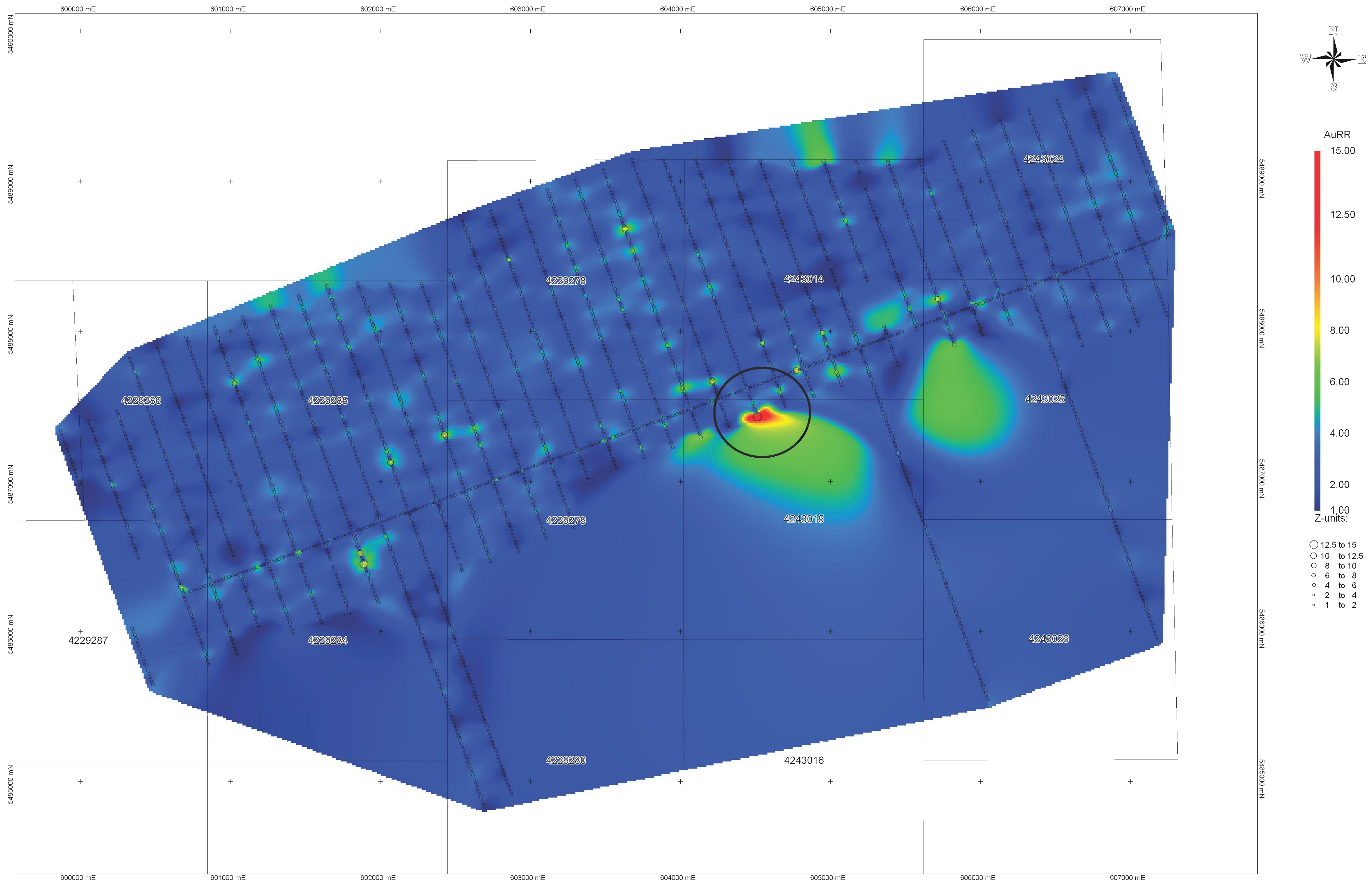


Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba

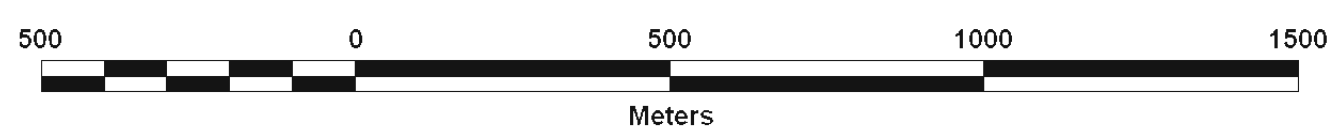
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - AuRR



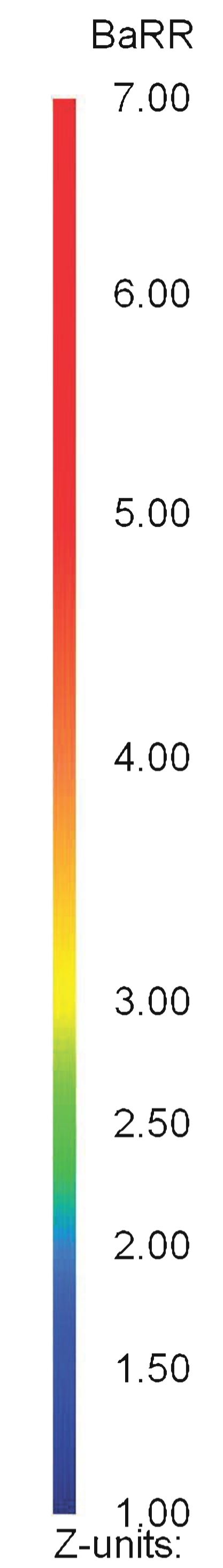
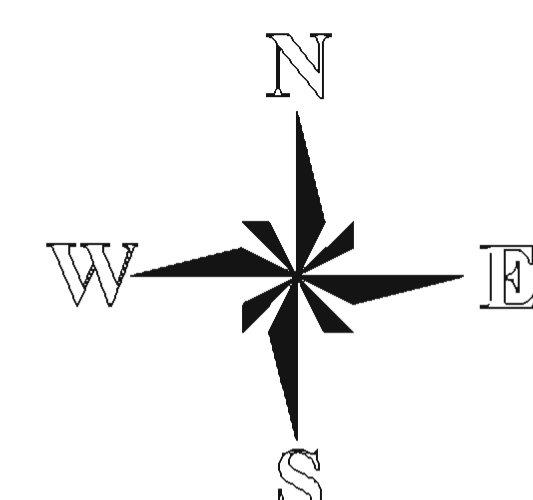
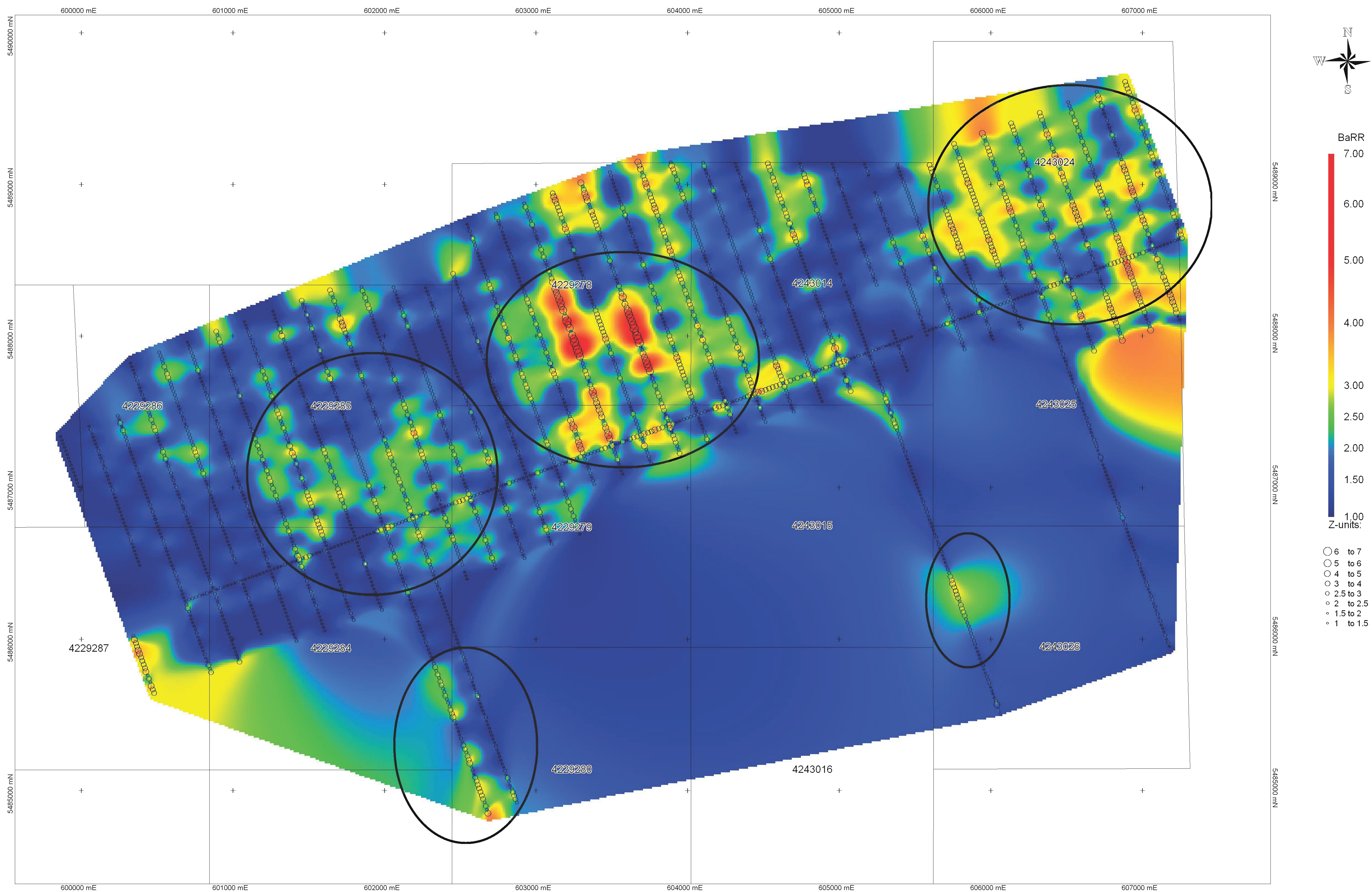
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



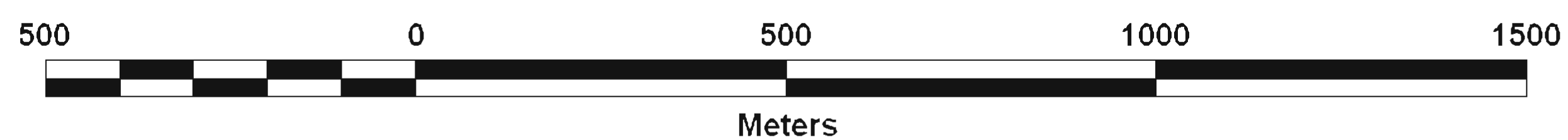
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - BaRR



- 6 to 7
- 5 to 6
- 4 to 5
- 3 to 4
- 2.5 to 3
- 2 to 2.5
- 1.5 to 2
- 1 to 1.5



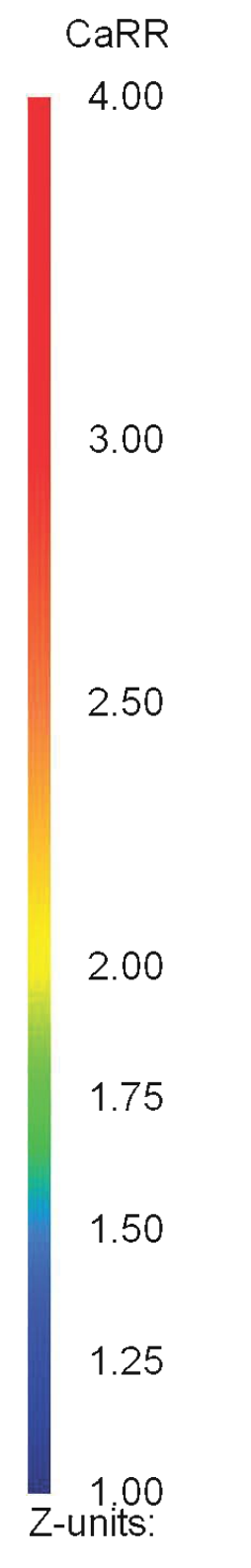
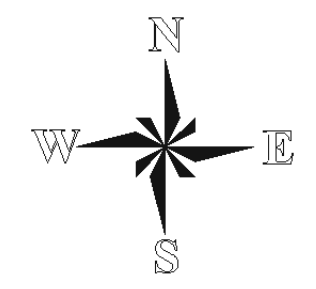
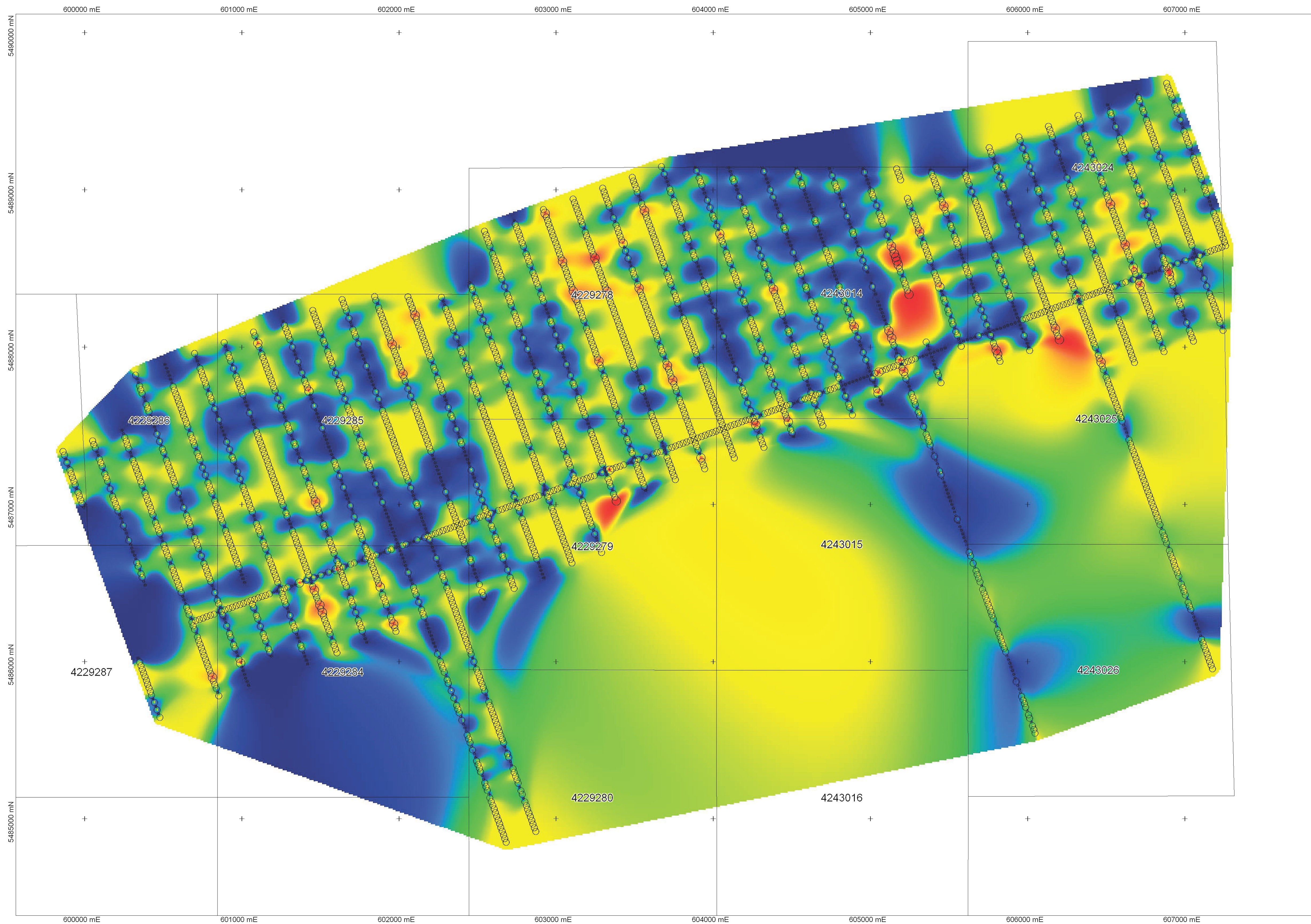
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



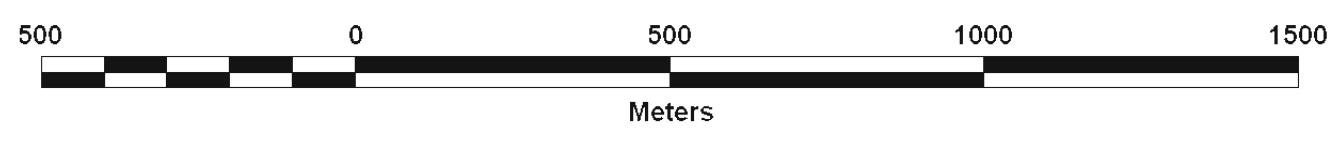
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CaRR



- 3 to 4
- 2.5 to 3
- 2 to 2.5
- 1.75 to 2
- 1.5 to 1.75
- 1.25 to 1.5
- 1 to 1.25



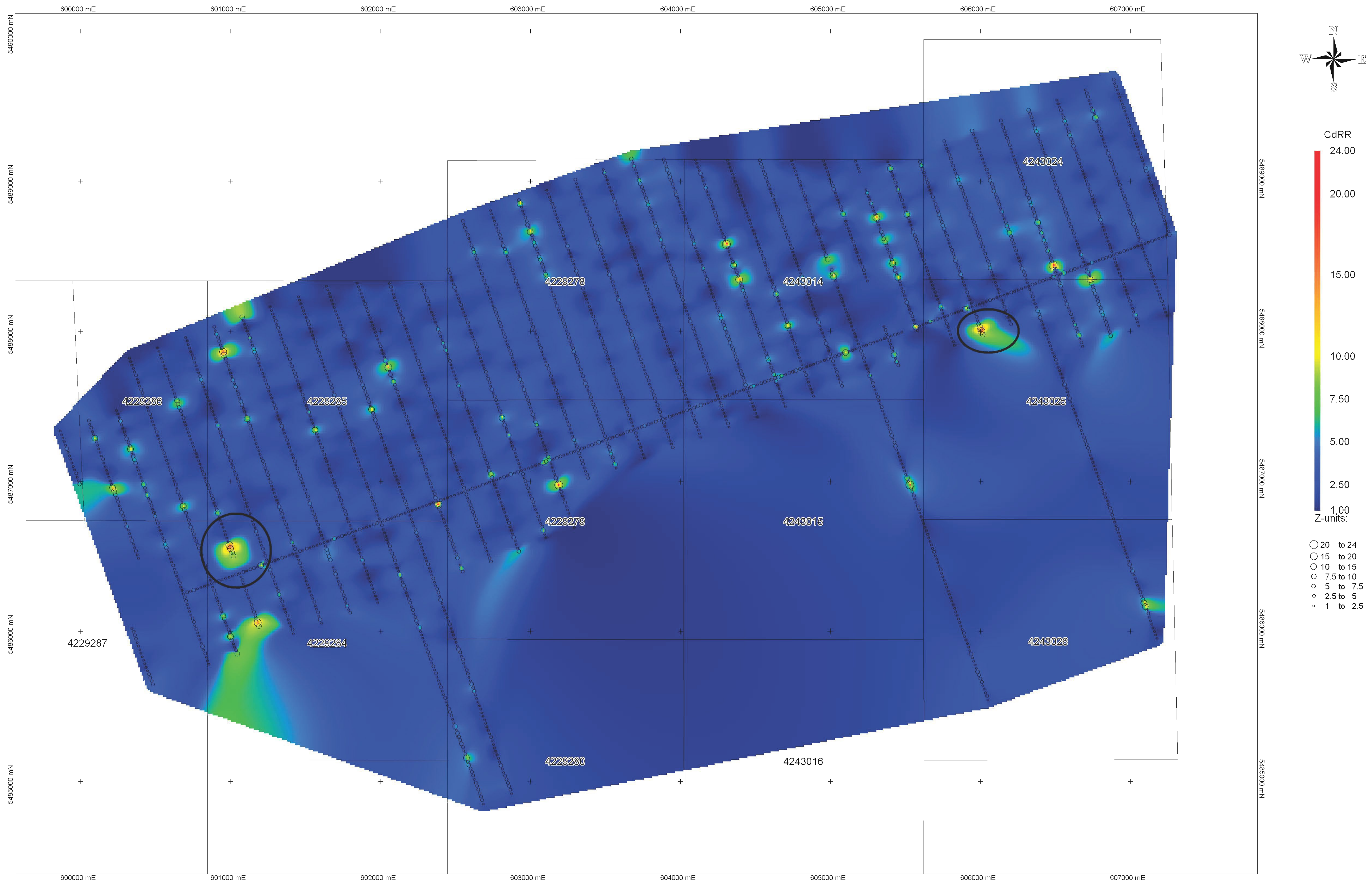
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



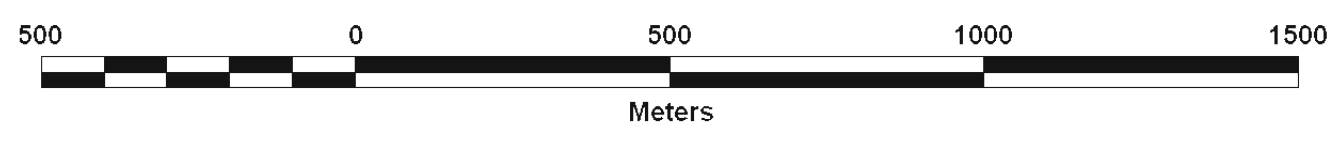
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CdRR



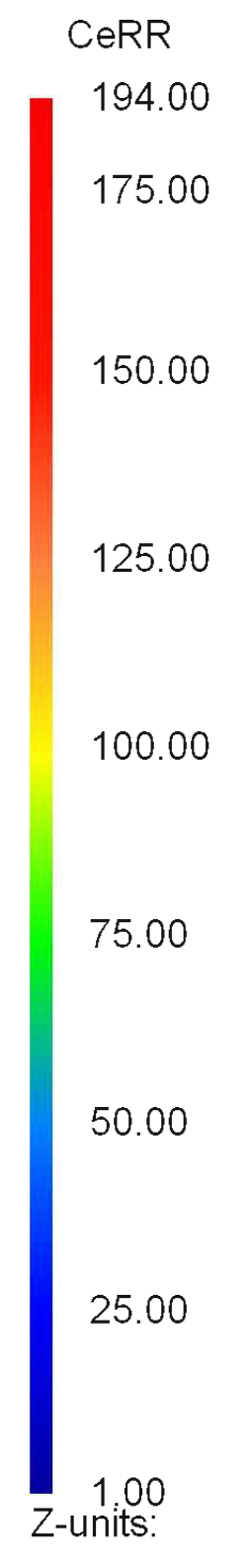
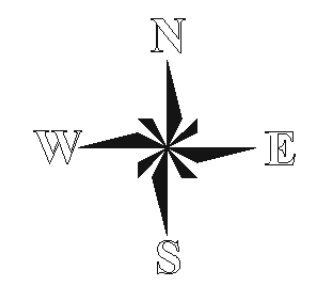
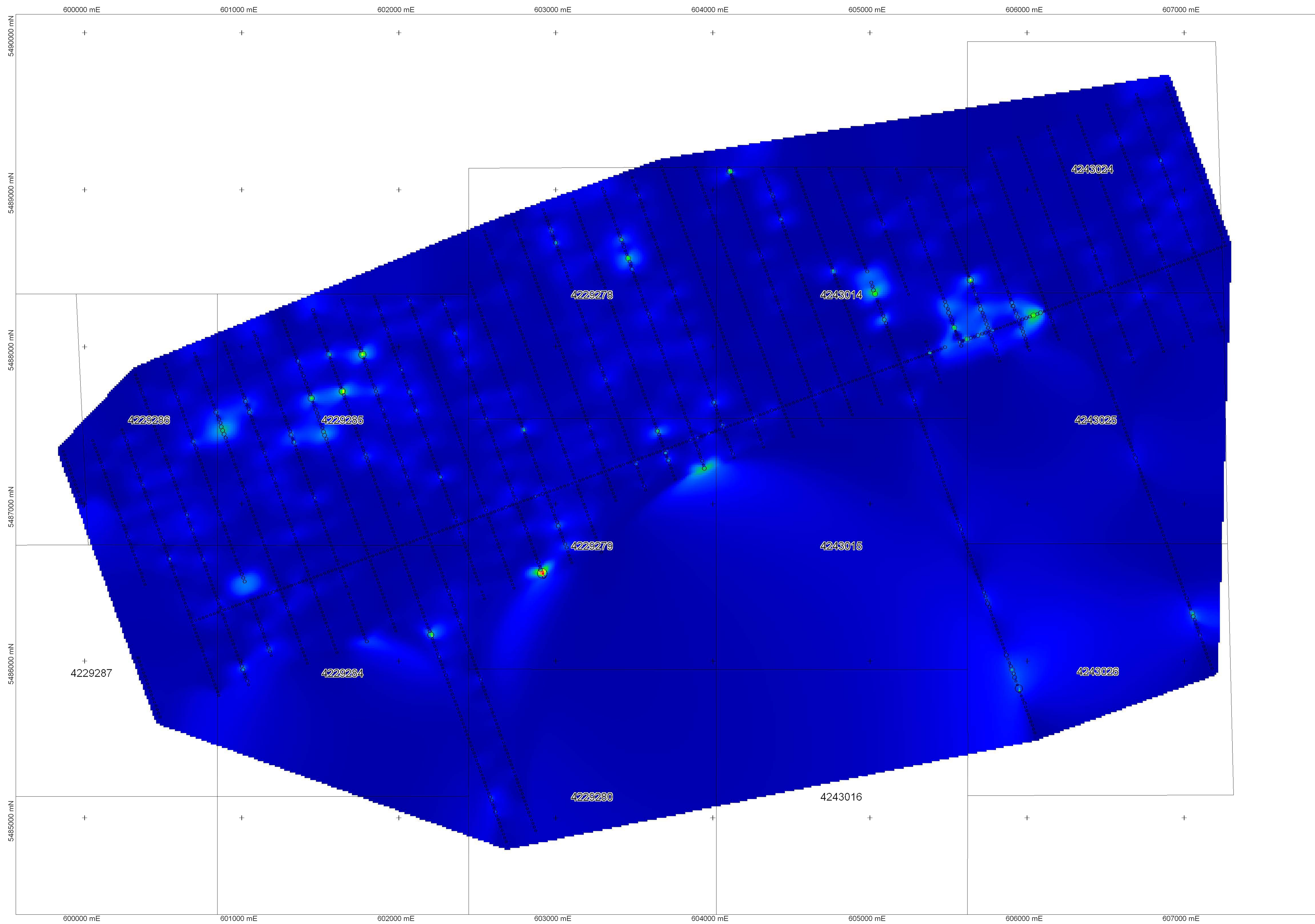
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



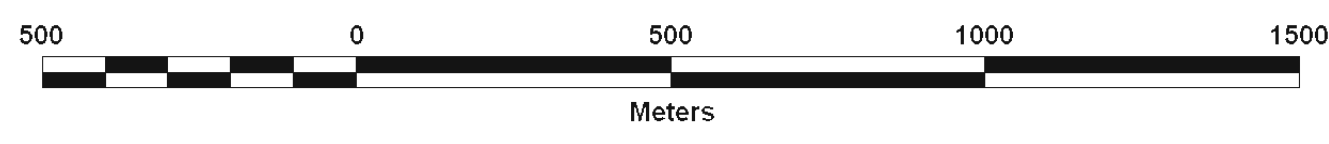
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CeRR



- 175 to 194
- 150 to 175
- 125 to 150
- 100 to 125
- 75 to 100
- 50 to 75
- 25 to 50
- 1 to 25



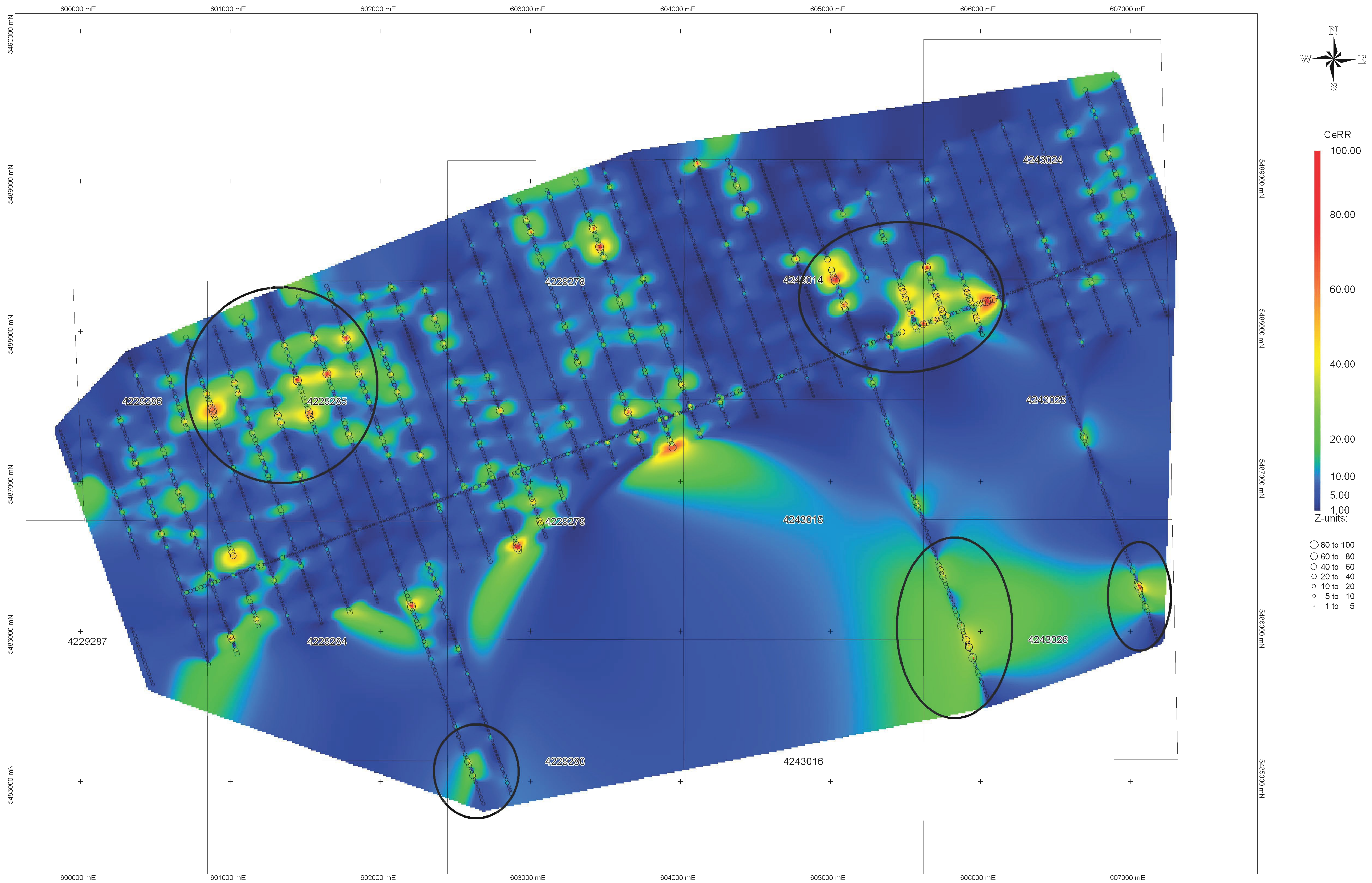
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



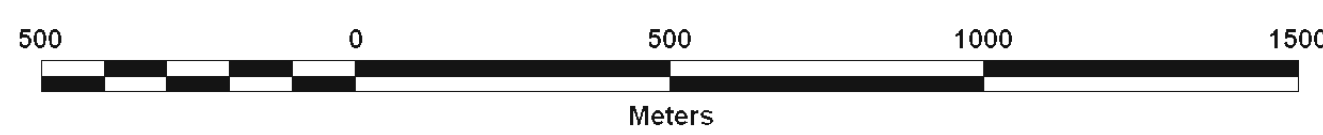
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Lake Shore Gold: Burntbush 2011 MMI-M Survey  
 CeRR (truncated >100RR)



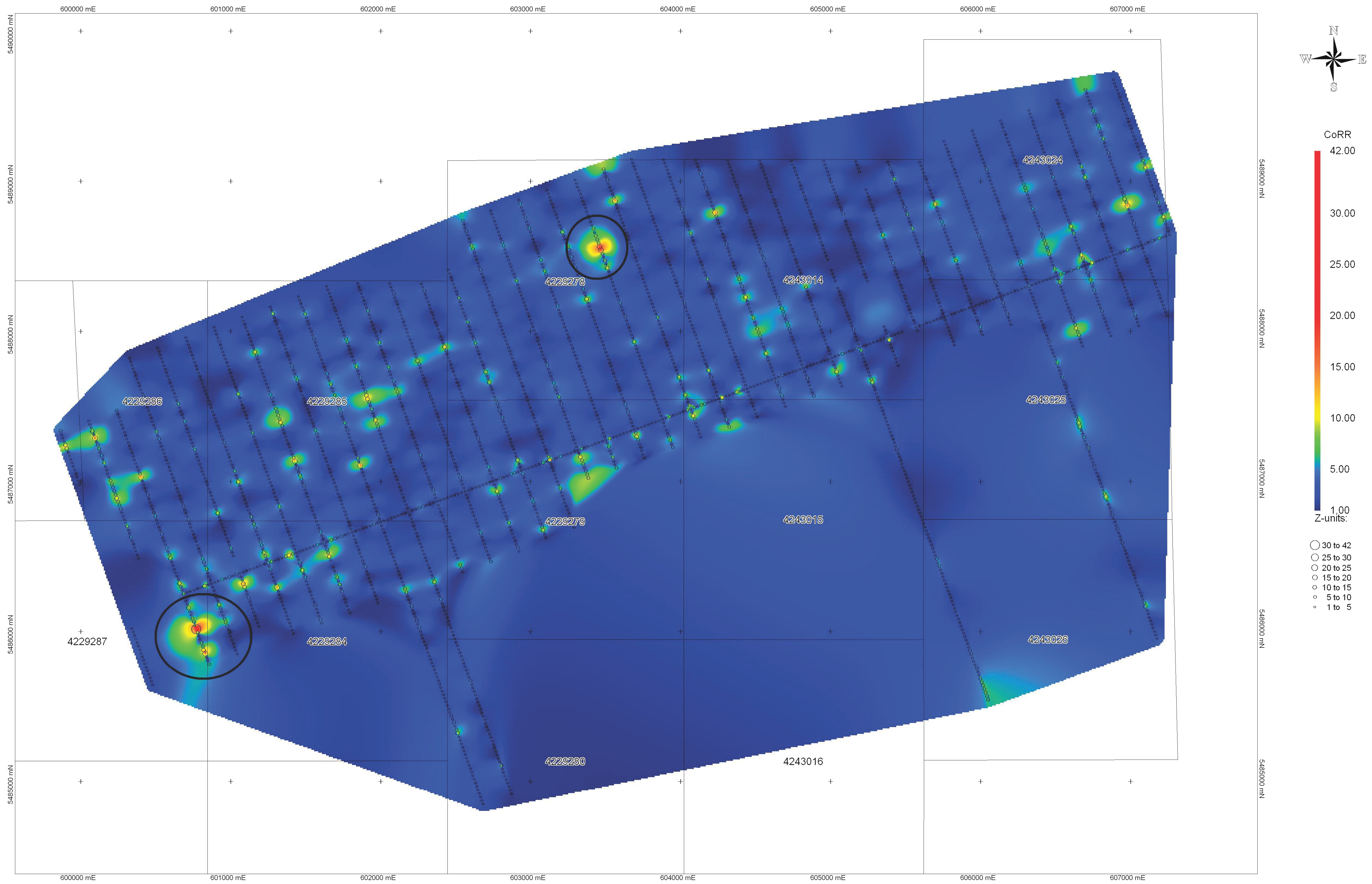
Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba



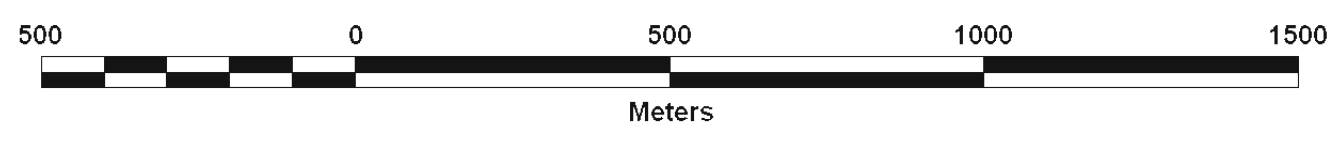
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CoRR



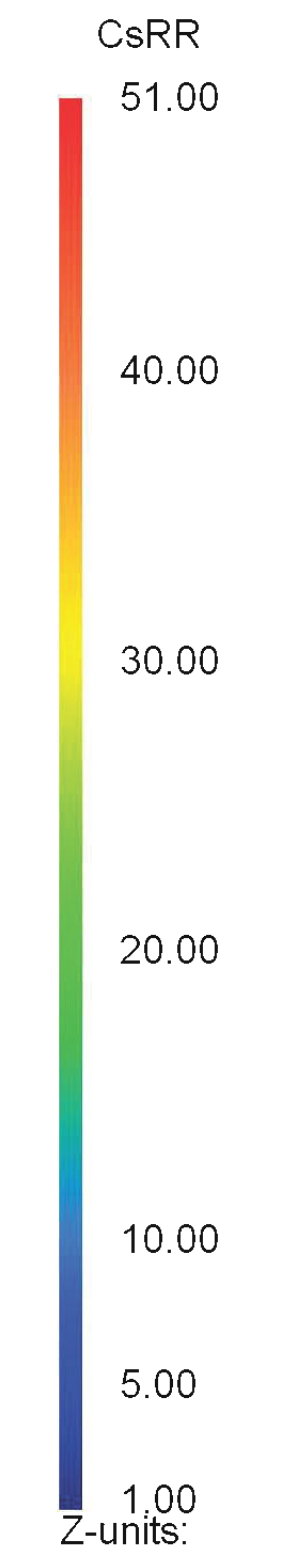
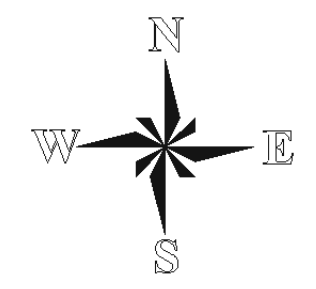
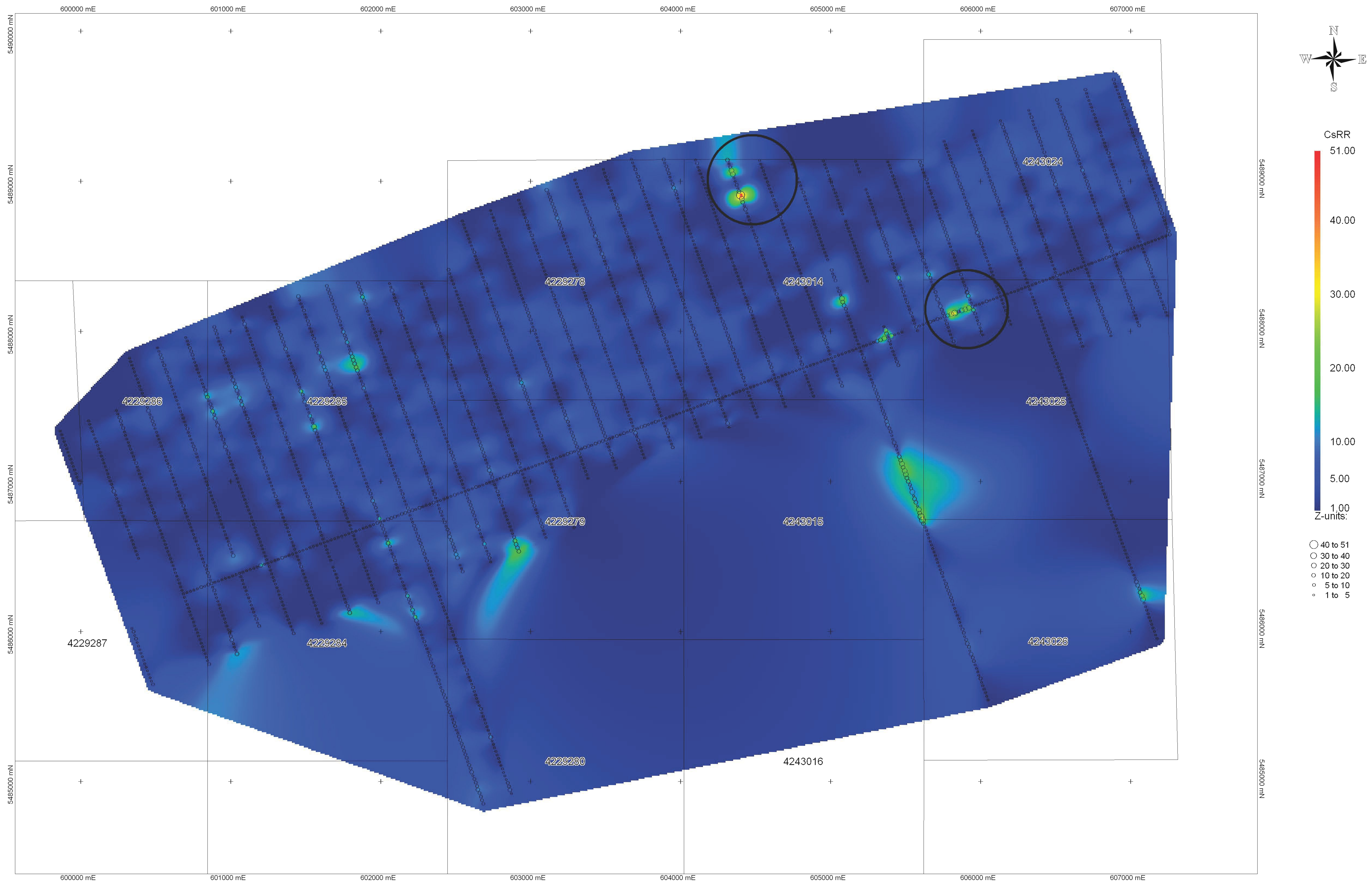
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



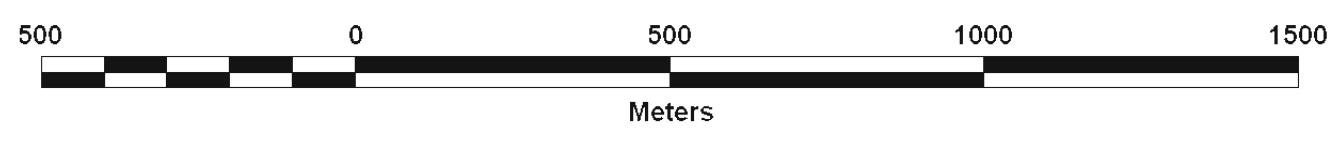
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



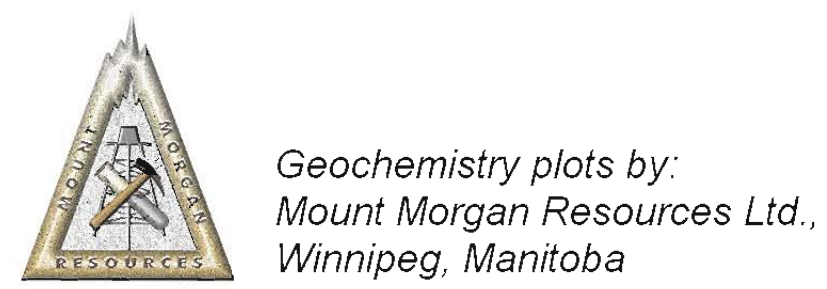
# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CsRR



- 40 to 51
- 30 to 40
- 20 to 30
- 10 to 20
- 5 to 10
- 1 to 5

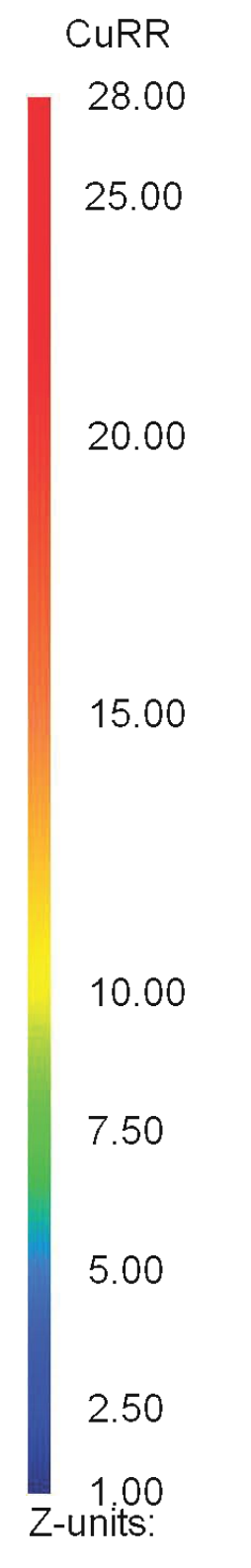
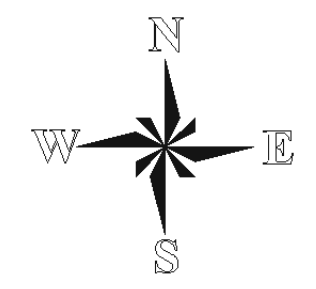
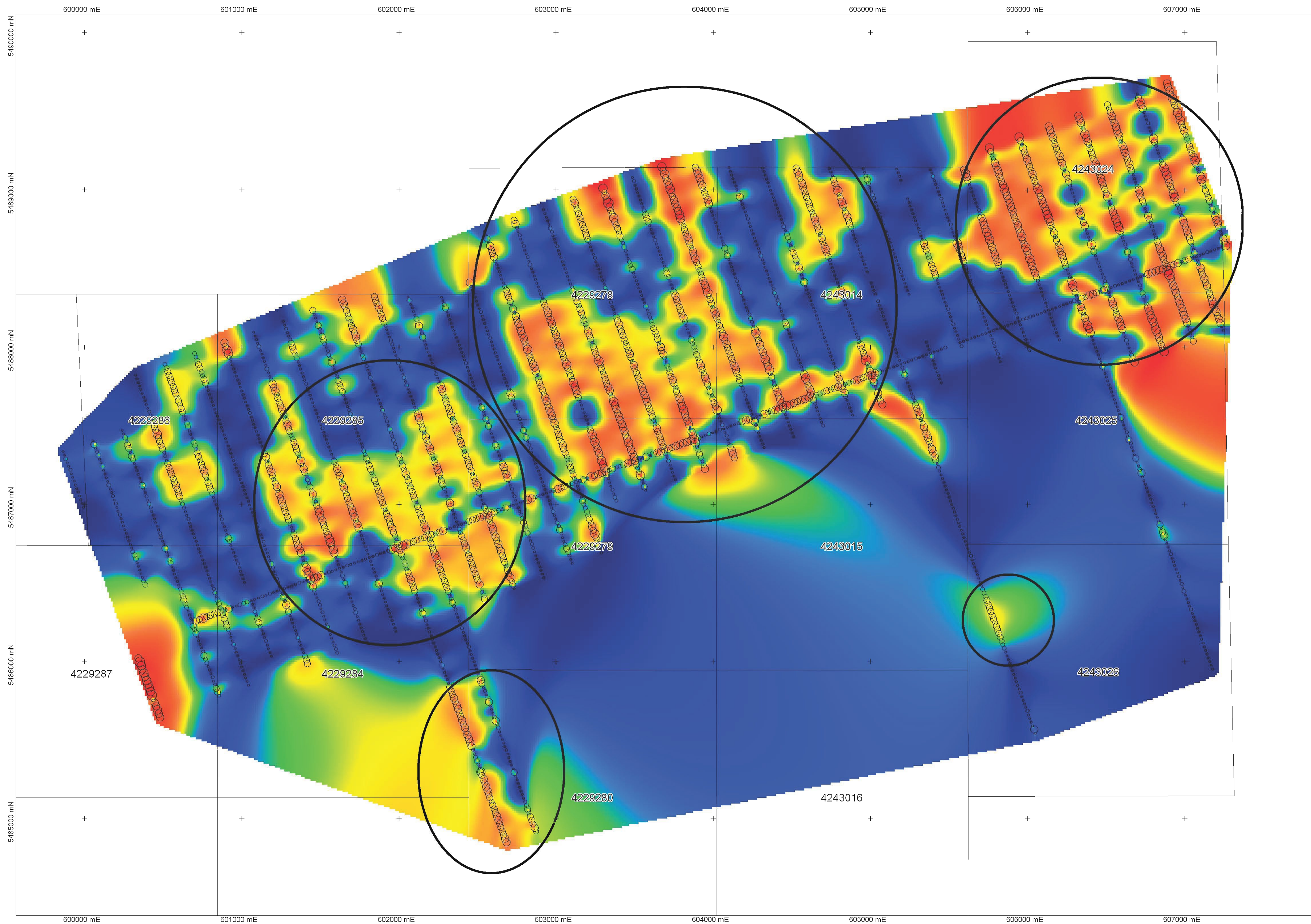


Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)

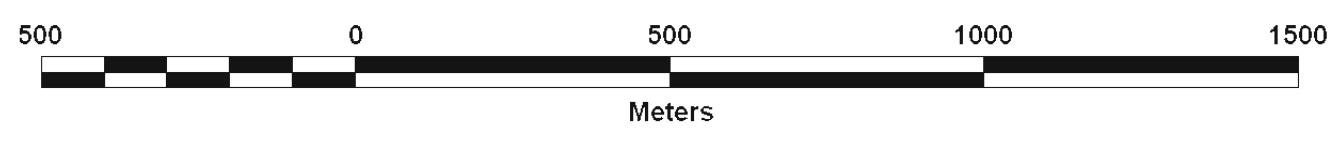




# Lake Shore Gold: Burntbush 2011 MMI-M Survey - CuRR



- 25 to 28
- 20 to 25
- 15 to 20
- 10 to 15
- 7.5 to 10
- 5 to 7.5
- 2.5 to 5
- 1 to 2.5



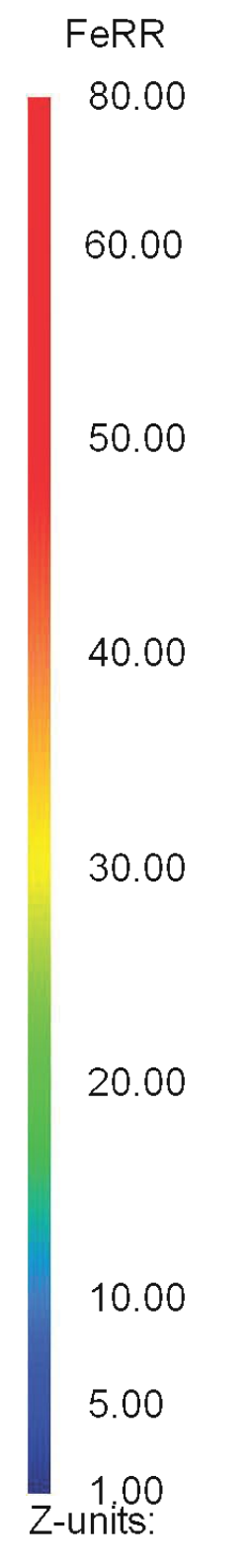
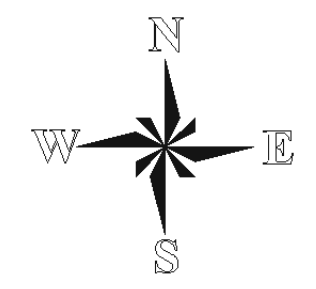
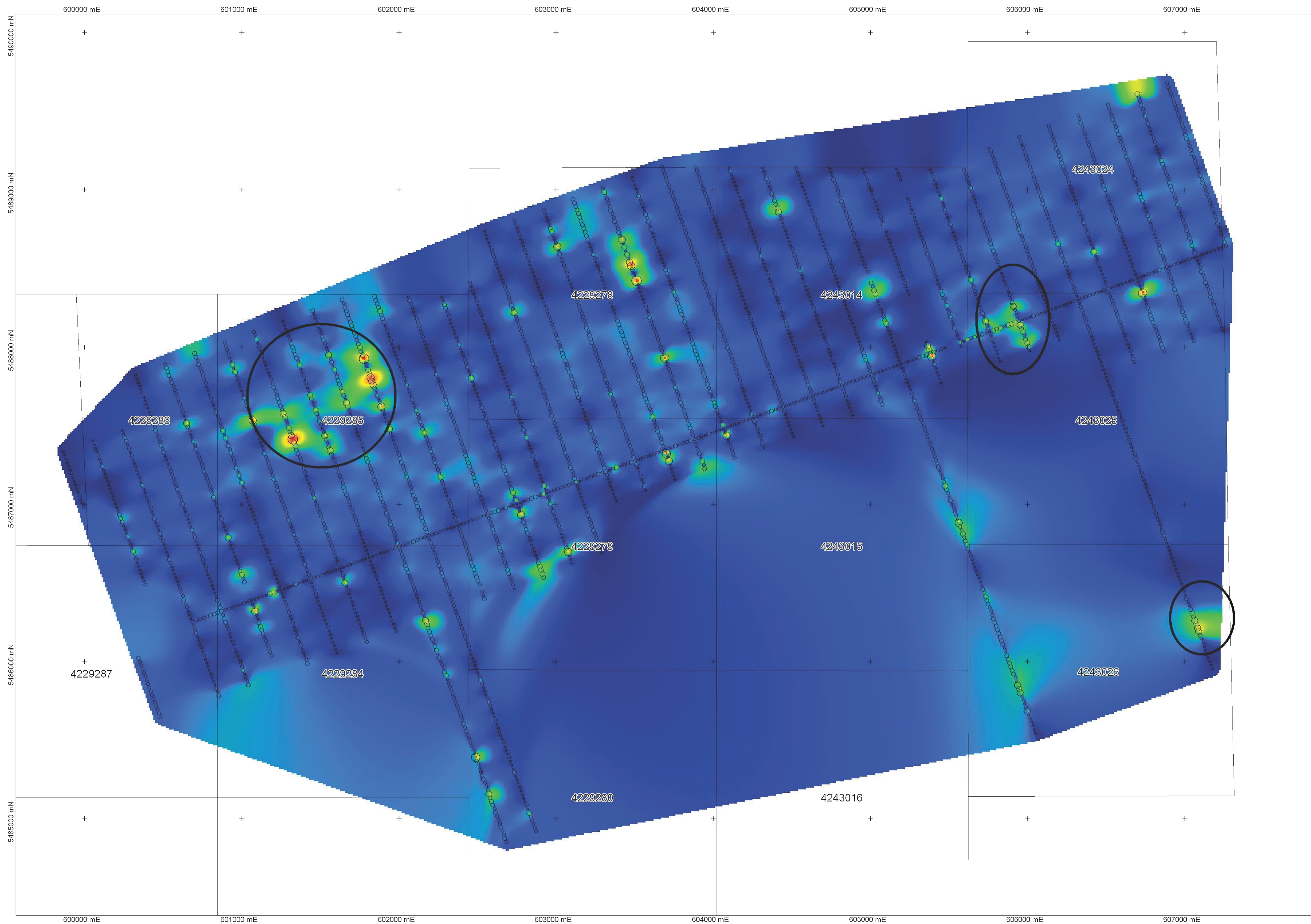
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



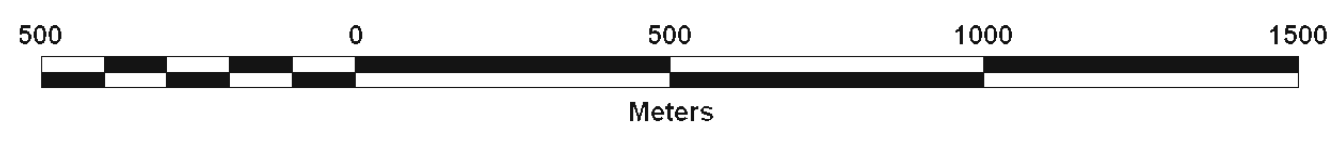
# Lake Shore Gold: Burntbush 2011 MMI-M Survey - FeRR



- 60 to 80
- 50 to 60
- 40 to 50
- 30 to 40
- 20 to 30
- 10 to 20
- 5 to 10
- 1 to 5



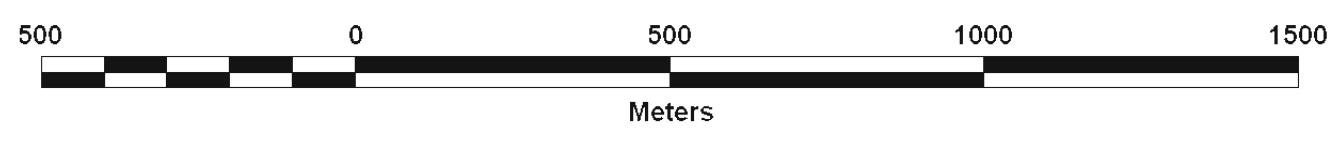
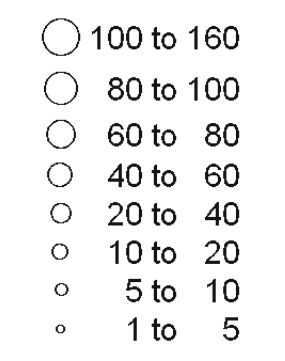
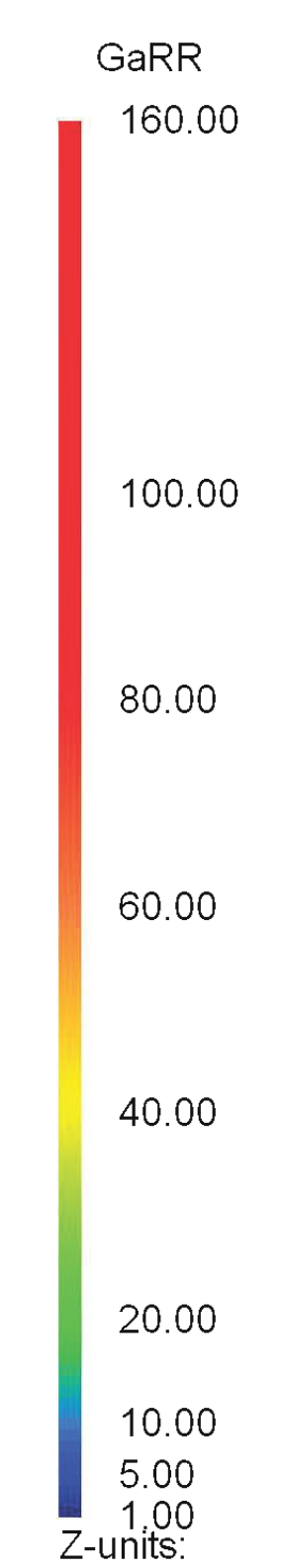
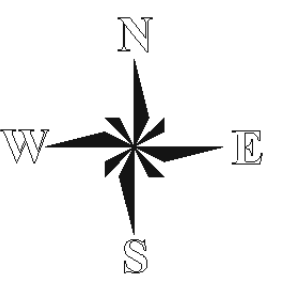
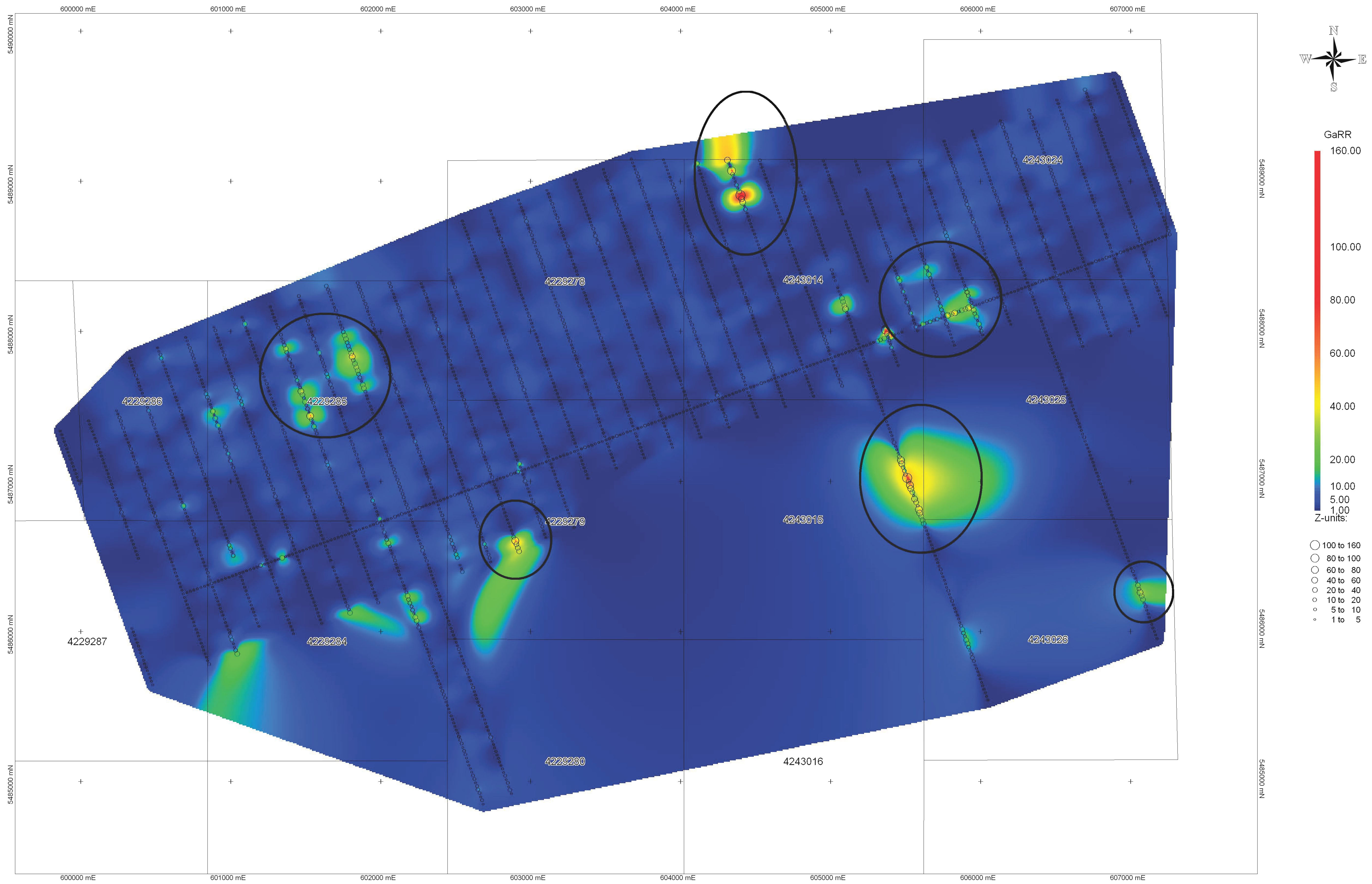
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - GaRR



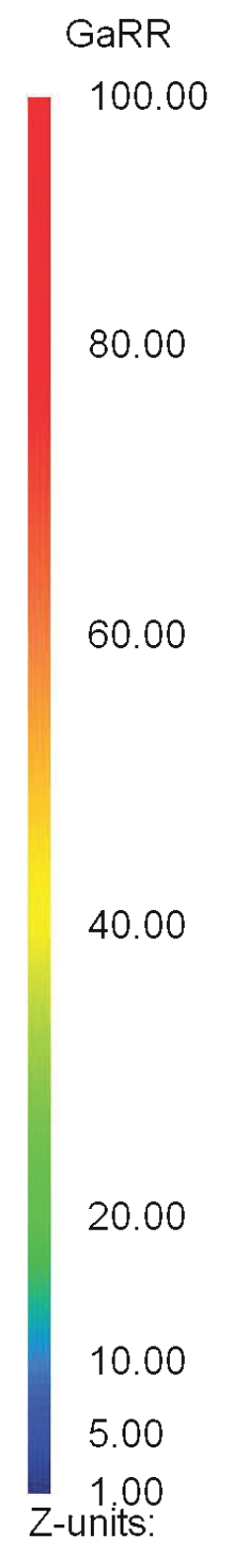
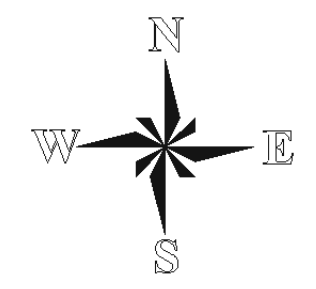
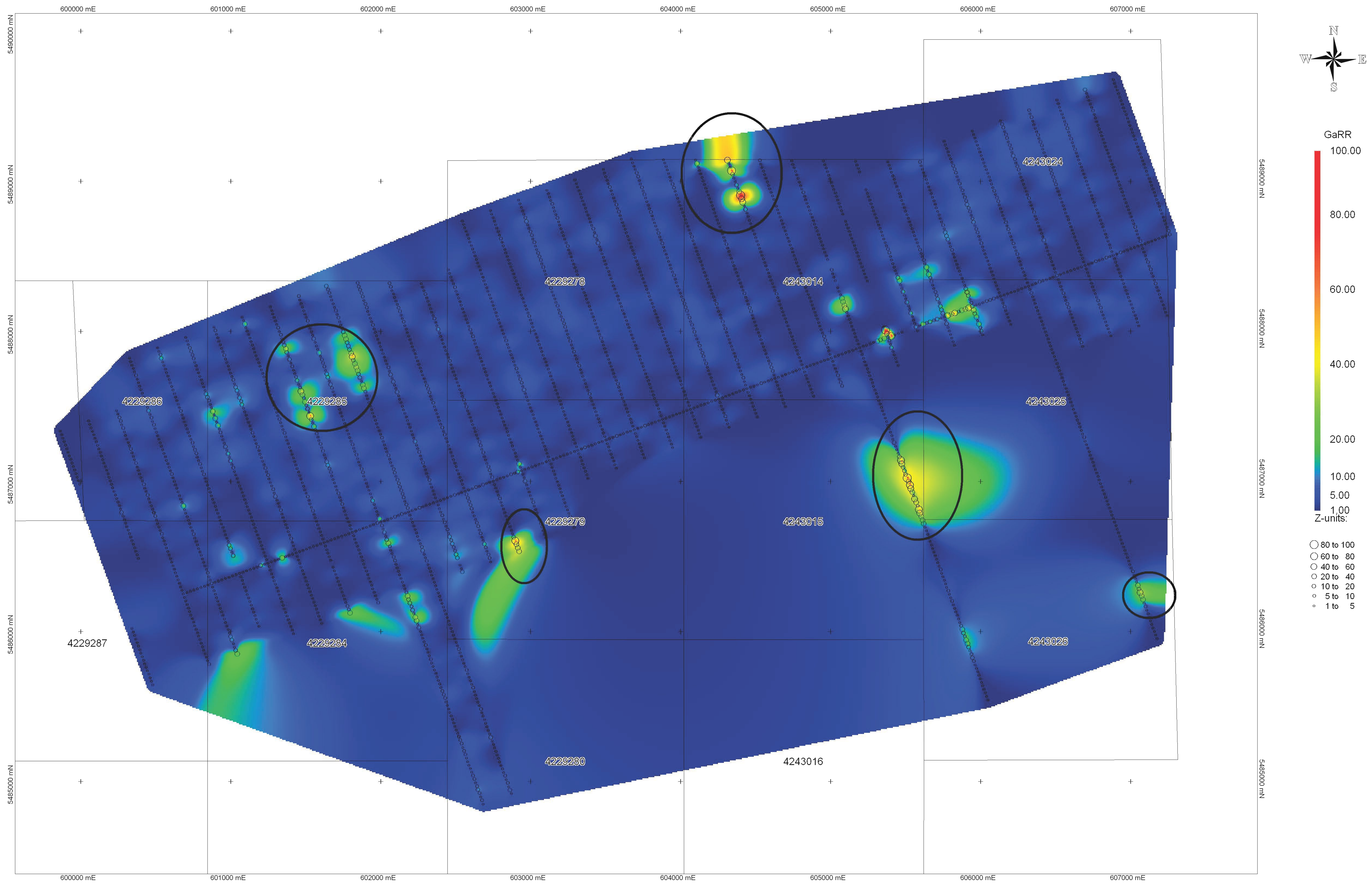
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



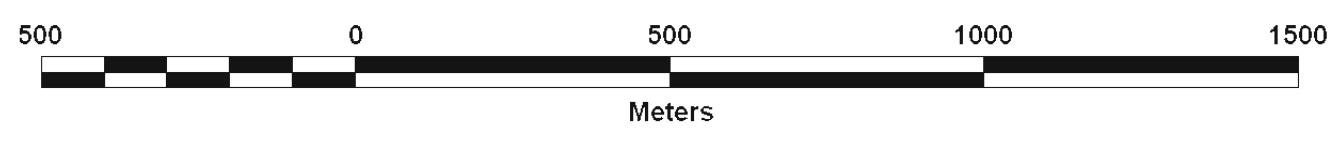
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



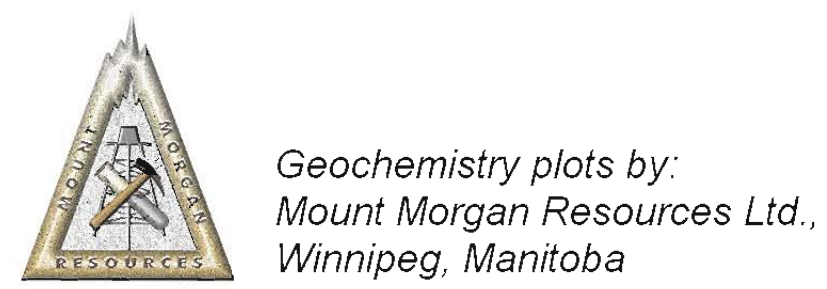
Lake Shore Gold: Burntbush 2011 MMI-M Survey  
GaRR (truncated >100RR)



- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 10 to 20
- 5 to 10
- 1 to 5

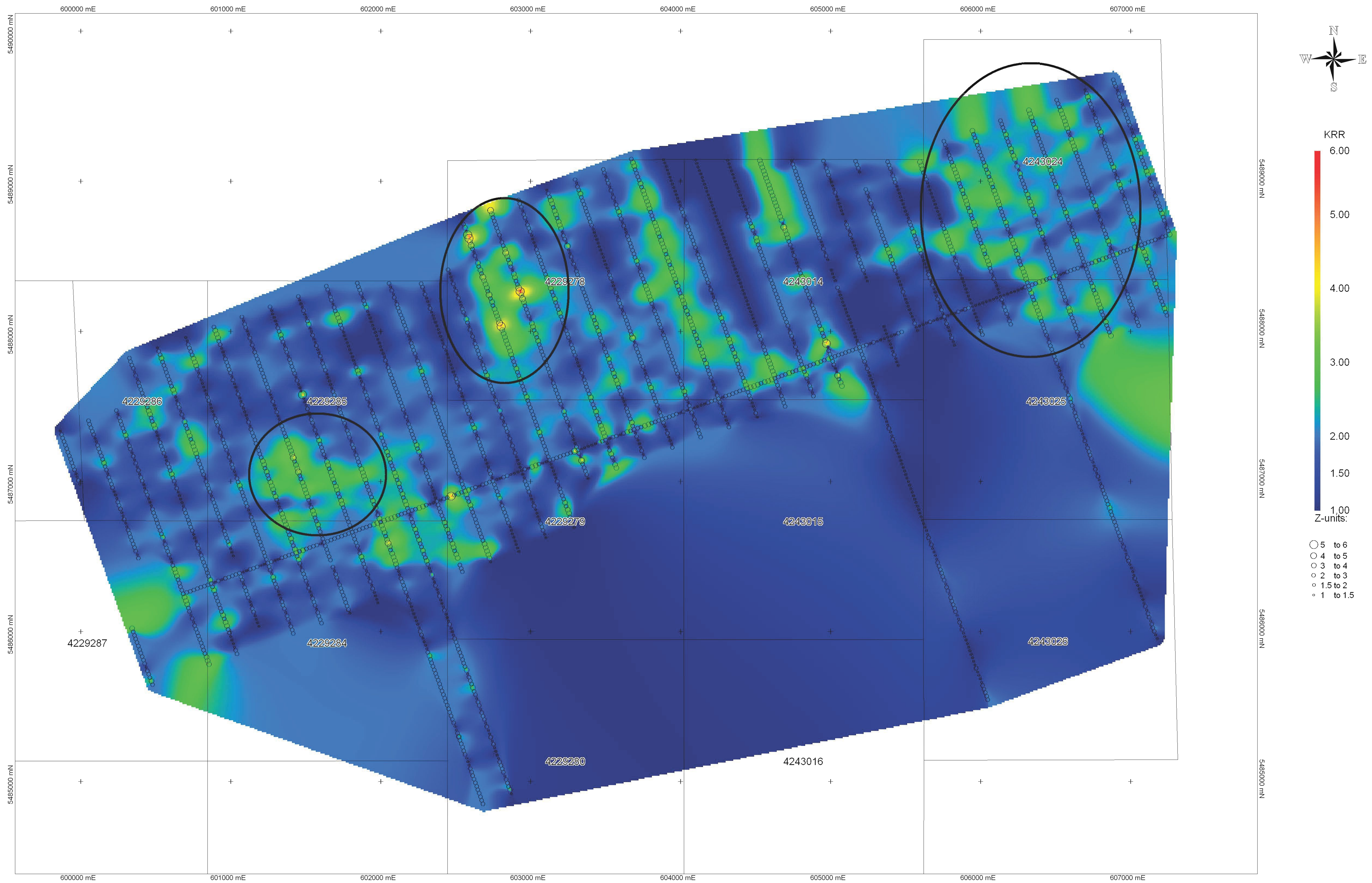


Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)

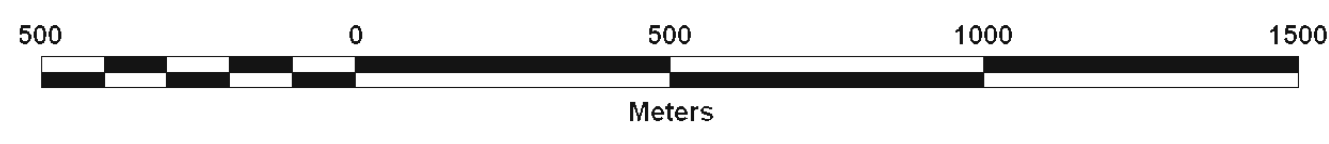




# Lake Shore Gold: Burntbush 2011 MMI-M Survey - KRR



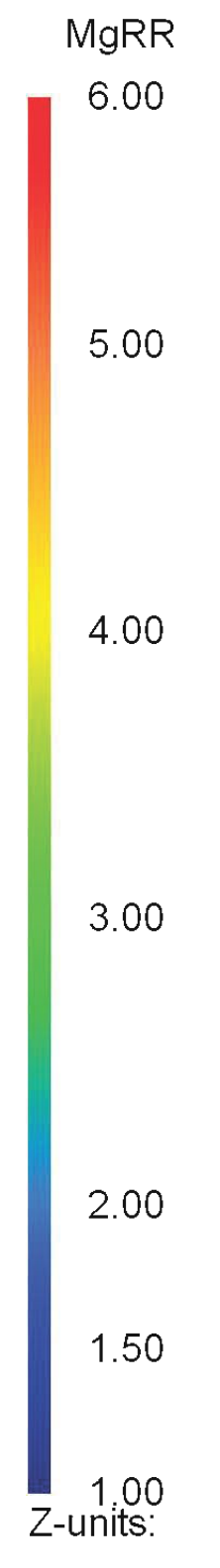
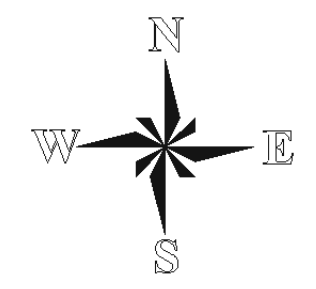
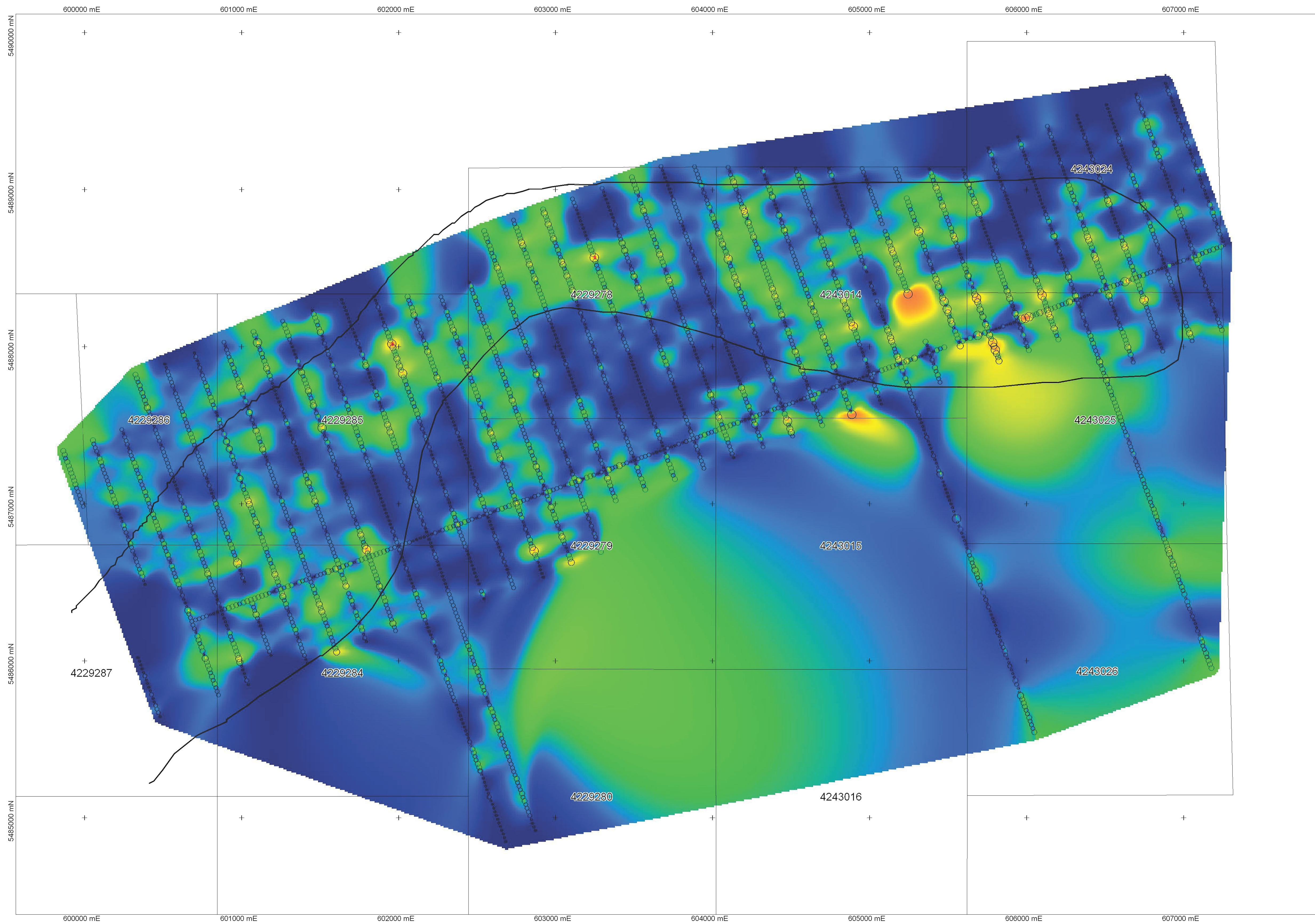
Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba



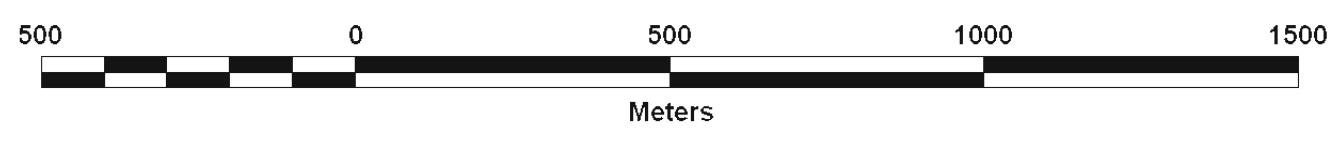
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - MgRR



- 5 to 6
- 4 to 5
- 3 to 4
- 2 to 3
- 1.5 to 2
- 1 to 1.5



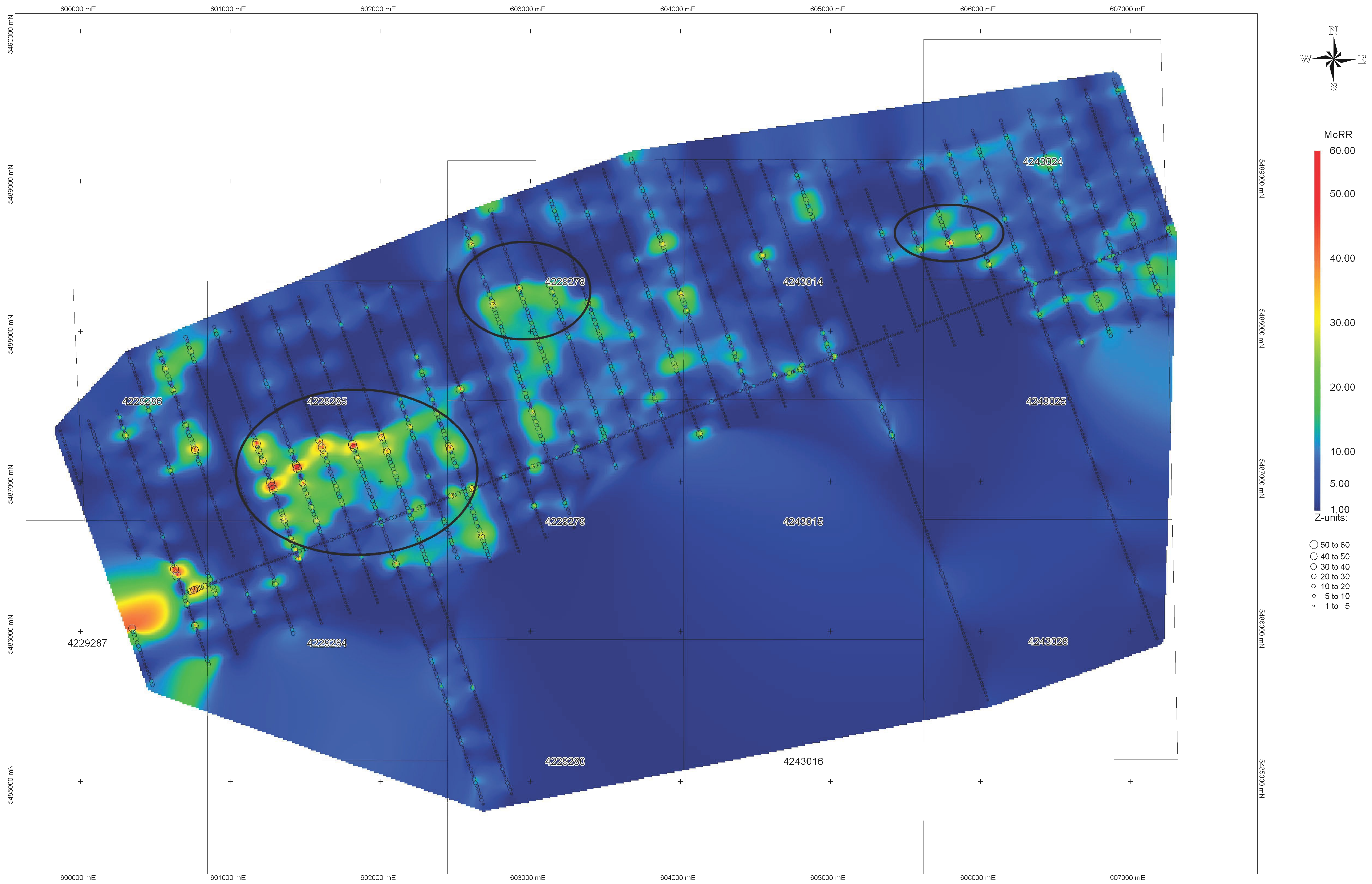
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



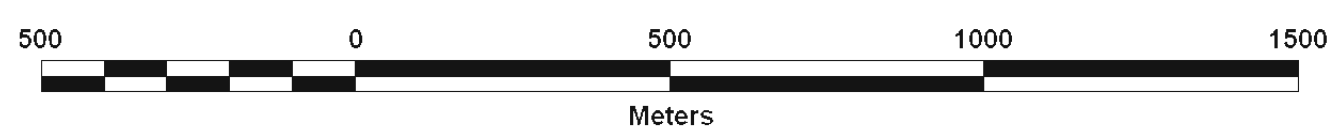
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - MoRR



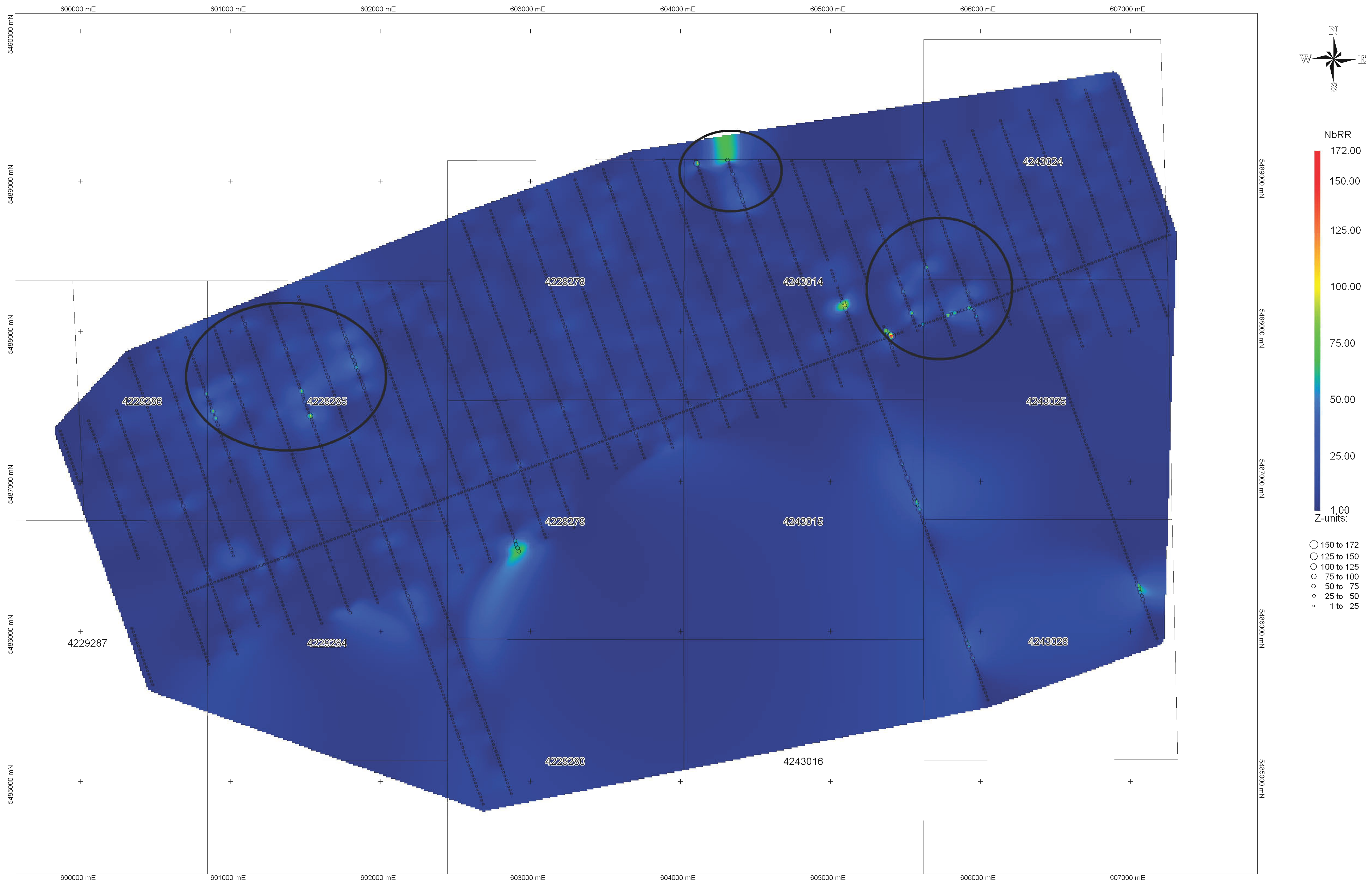
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



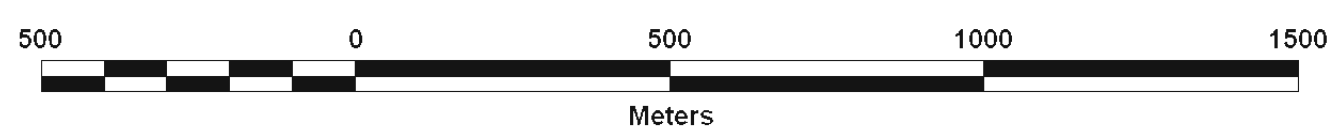
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - NbRR



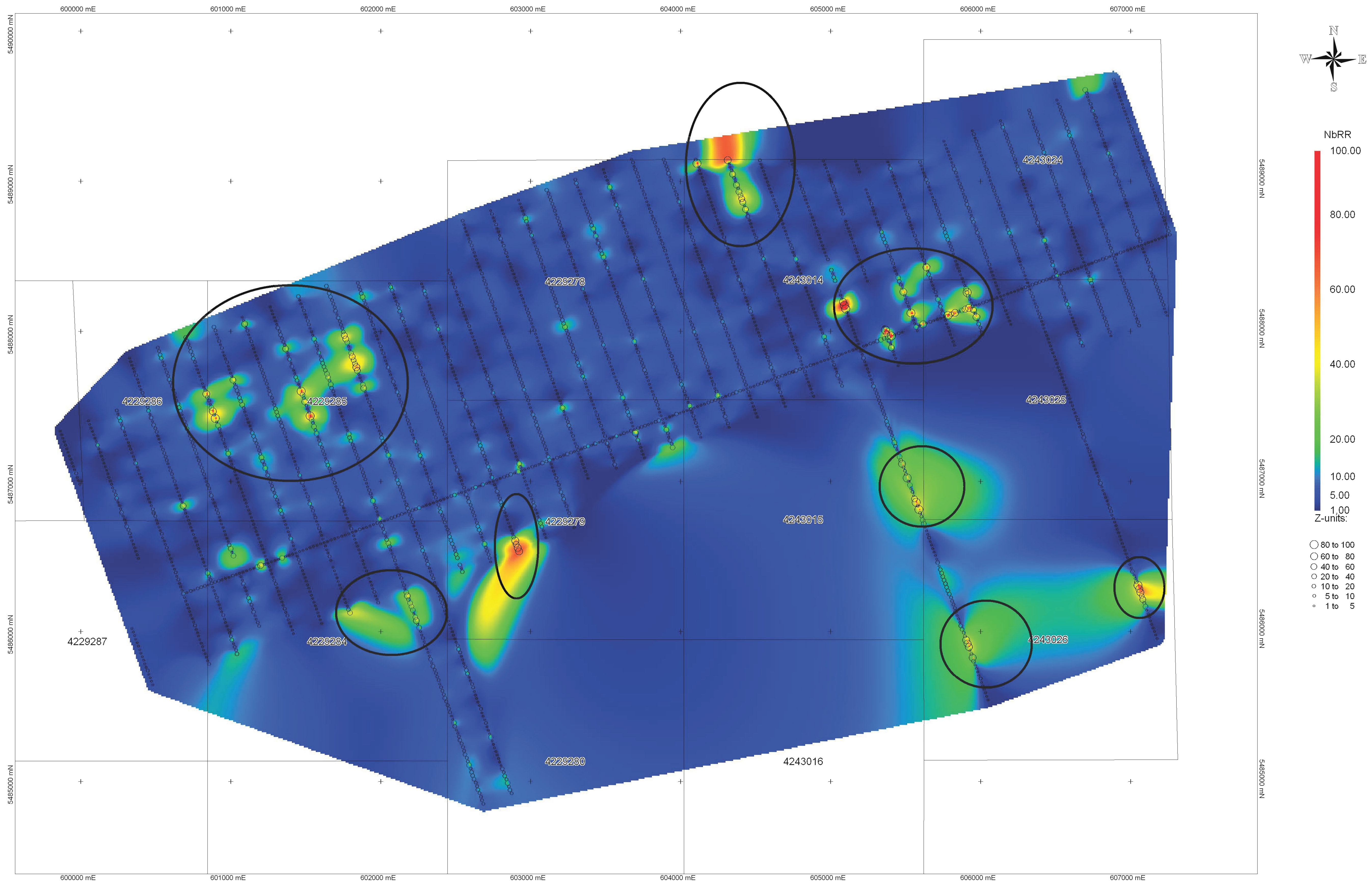
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



Lake Shore Gold: Burntbush 2011 MMI-M Survey  
 NbRR (truncated >100RR)

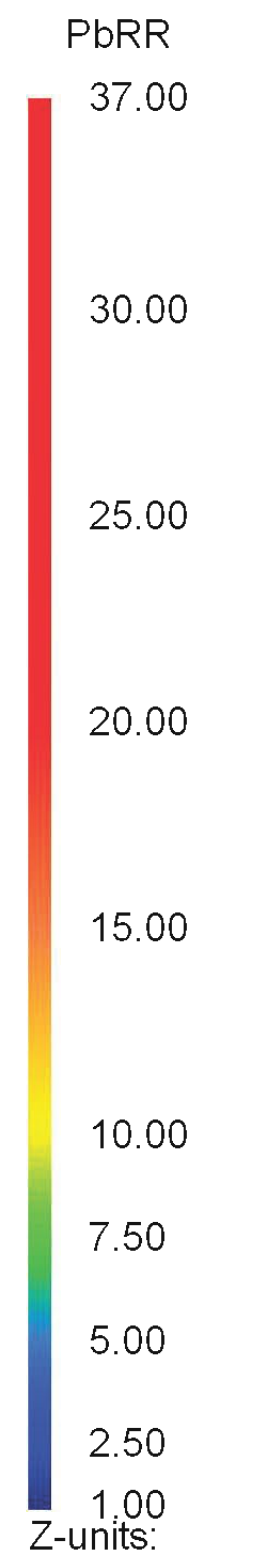
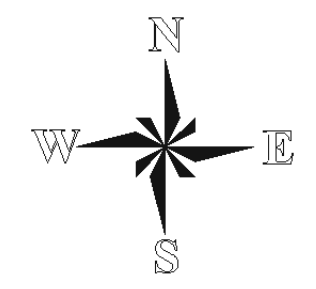
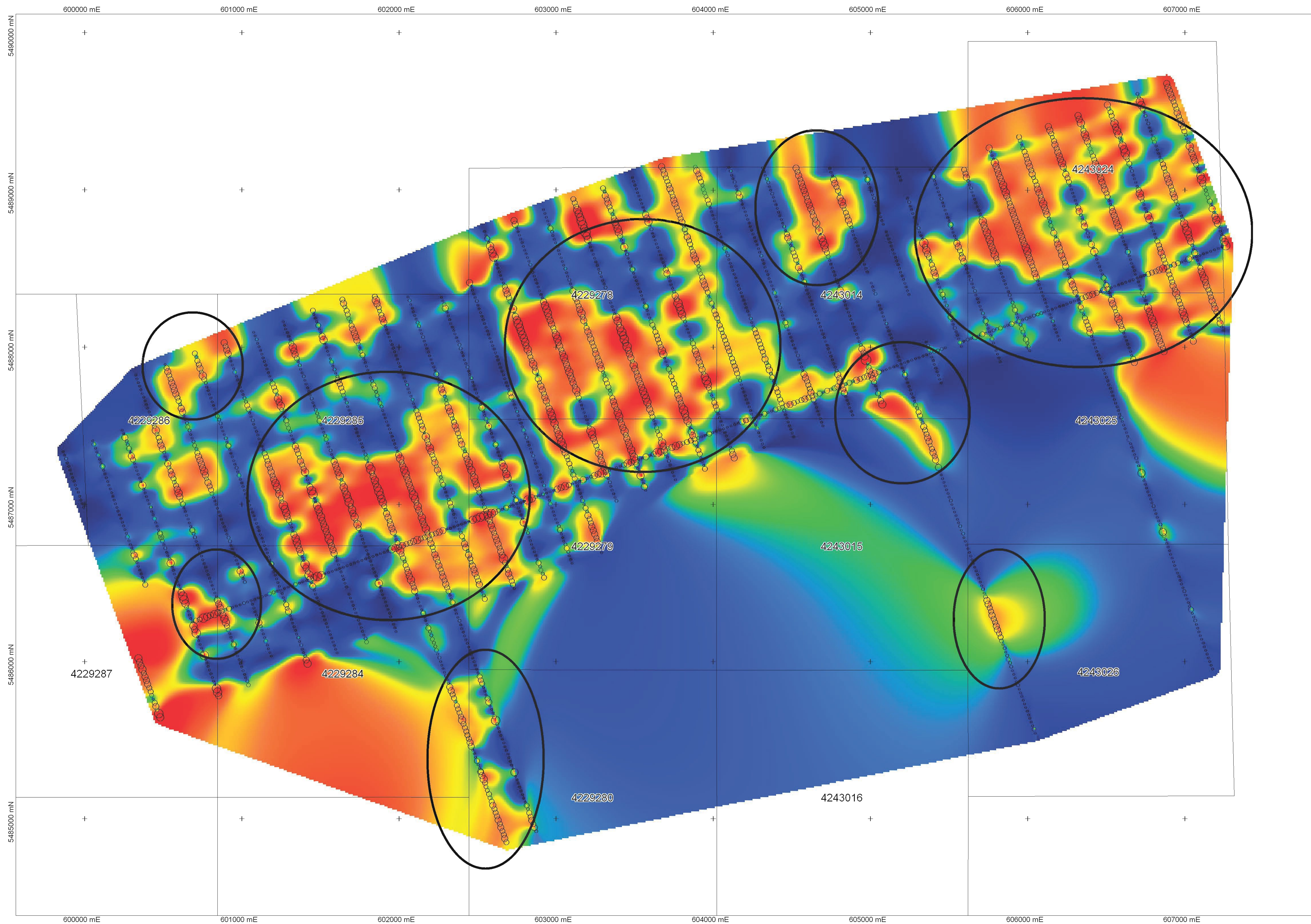


Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

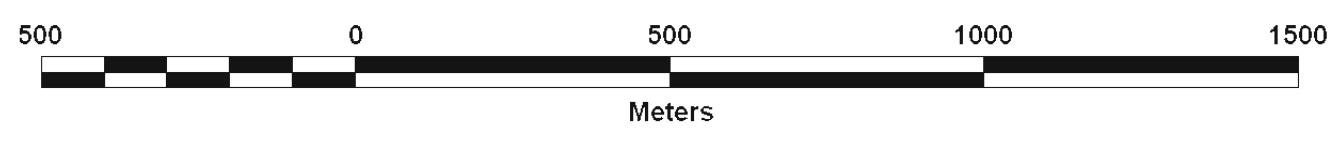
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - PbRR



- 30 to 37
- 25 to 30
- 20 to 25
- 15 to 20
- 10 to 15
- 7.5 to 10
- 5 to 7.5
- 2.5 to 5
- 1 to 2.5

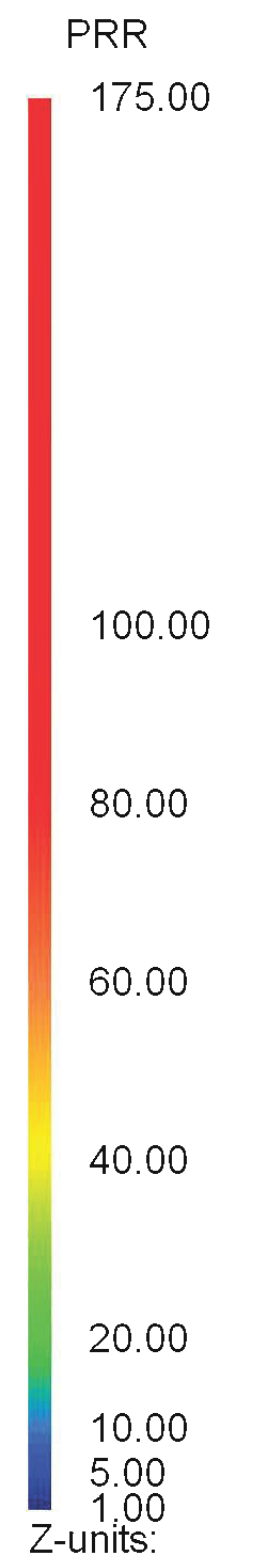
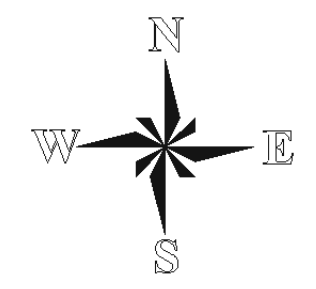
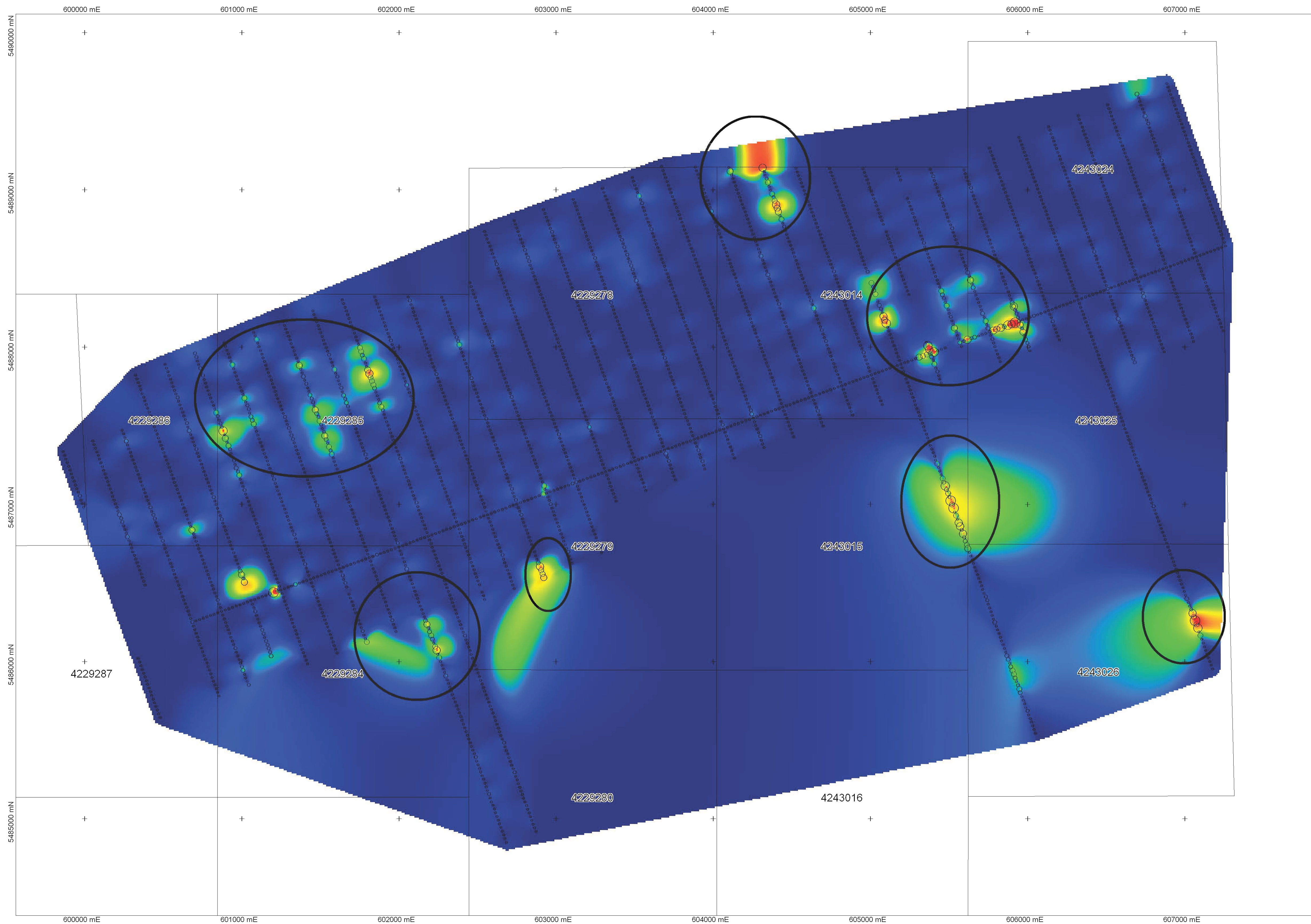


Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

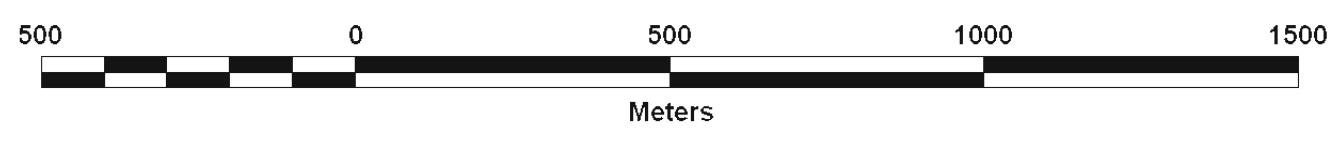
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - PRR



- 100 to 175
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 10 to 20
- 5 to 10
- 1 to 5



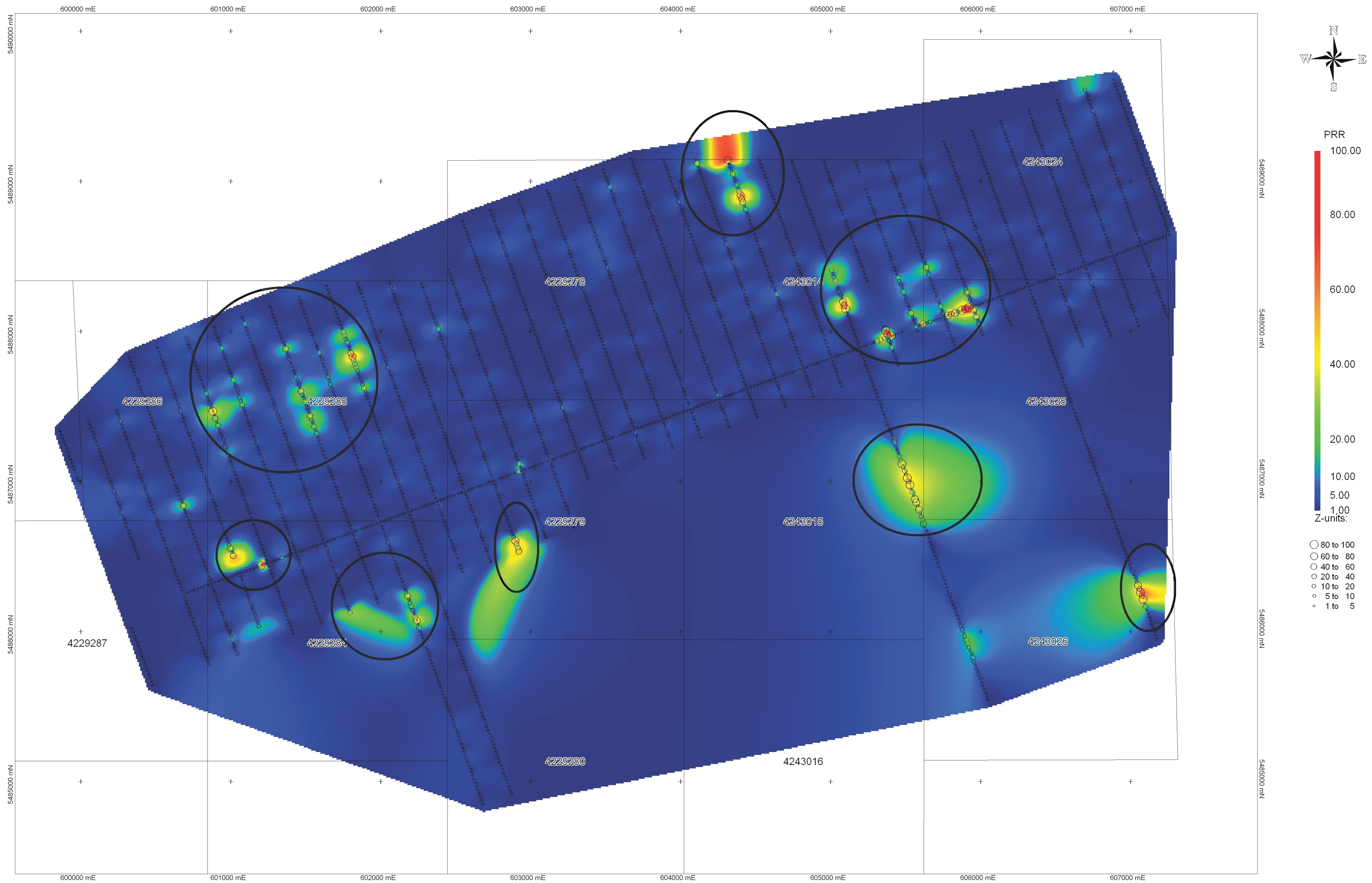
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)




Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Lake Shore Gold: Burntbush 2011 MMI-M Survey  
 PRR (truncated >100RR)

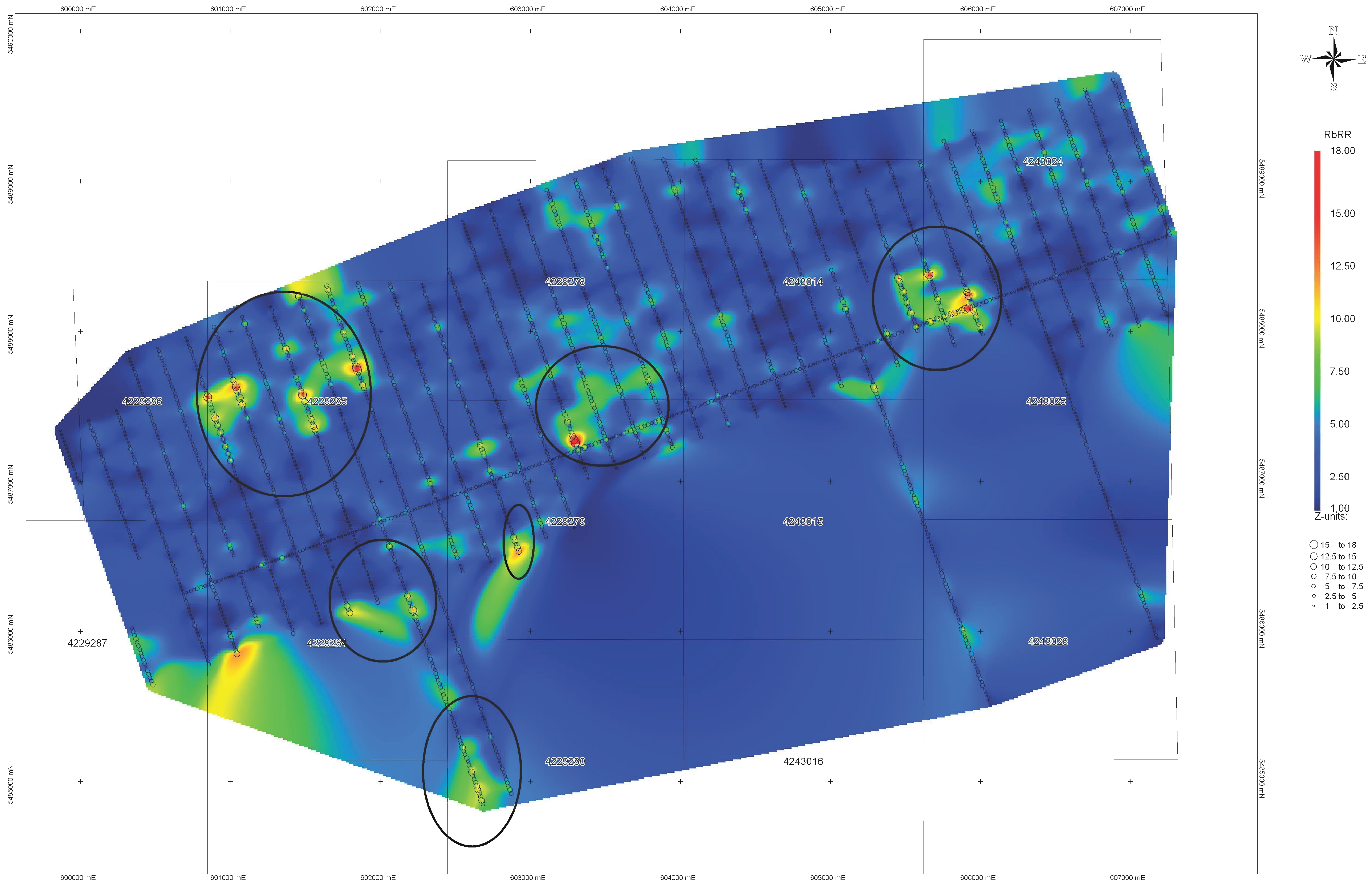


 Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - RbRR



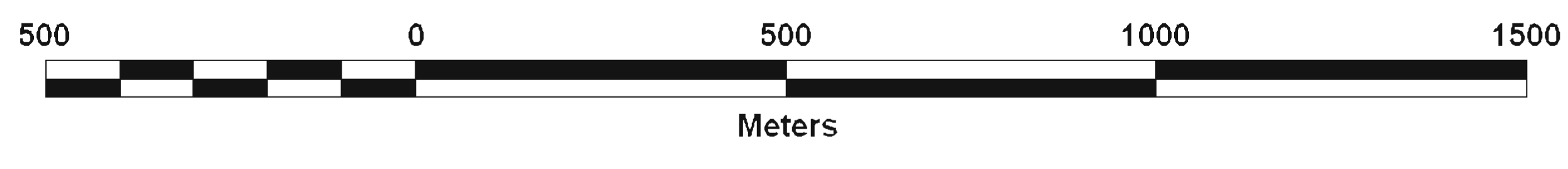
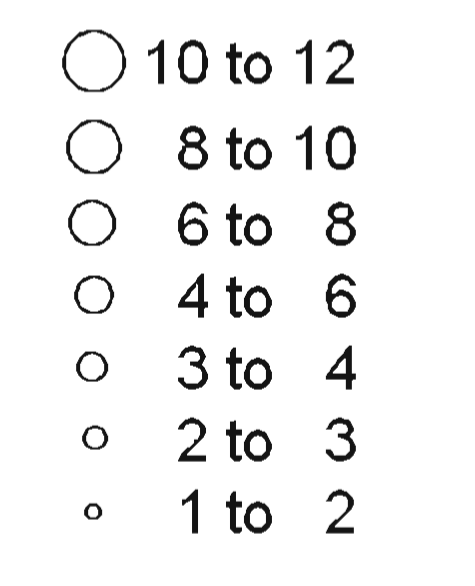
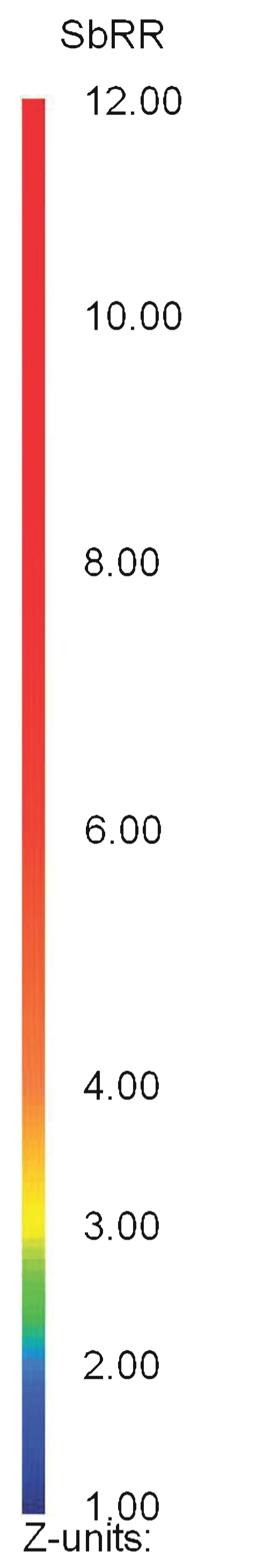
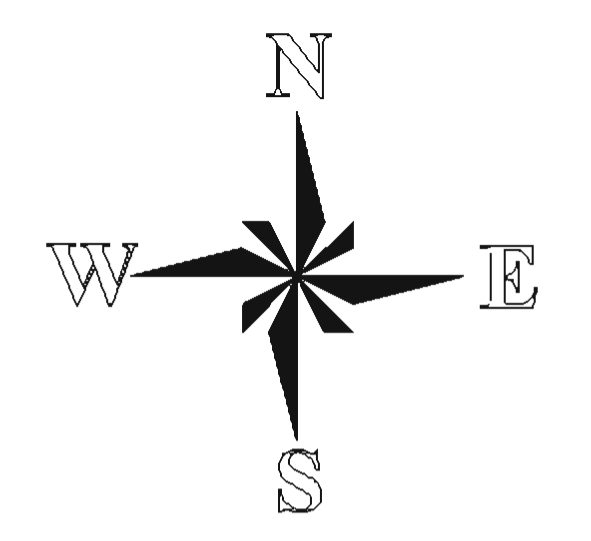
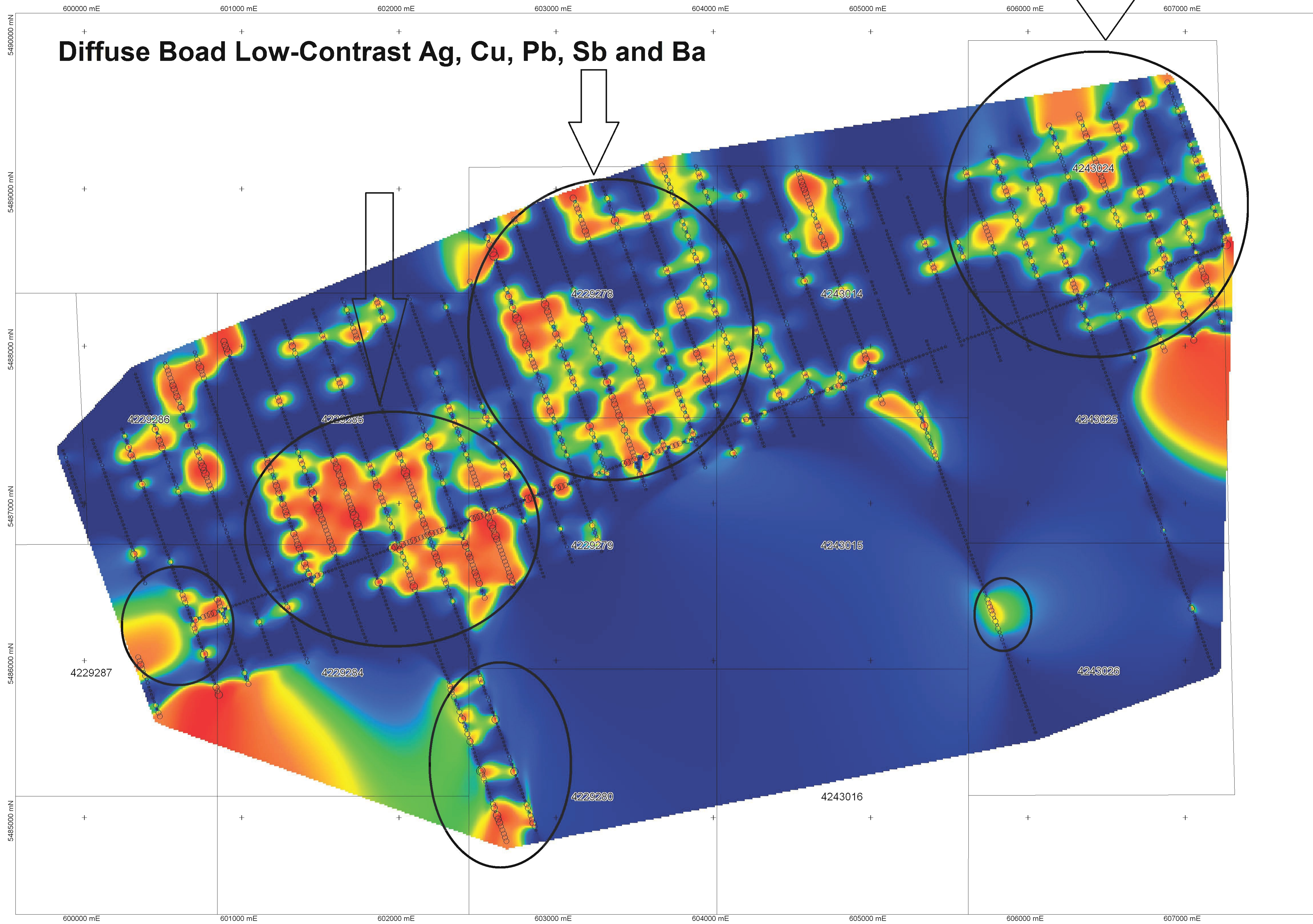
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba

Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



Lake Shore Gold: Burntbush 2011 MMI-M Survey - SbRR

Diffuse Boad Low-Contrast Ag, Cu, Pb, Sb and Ba



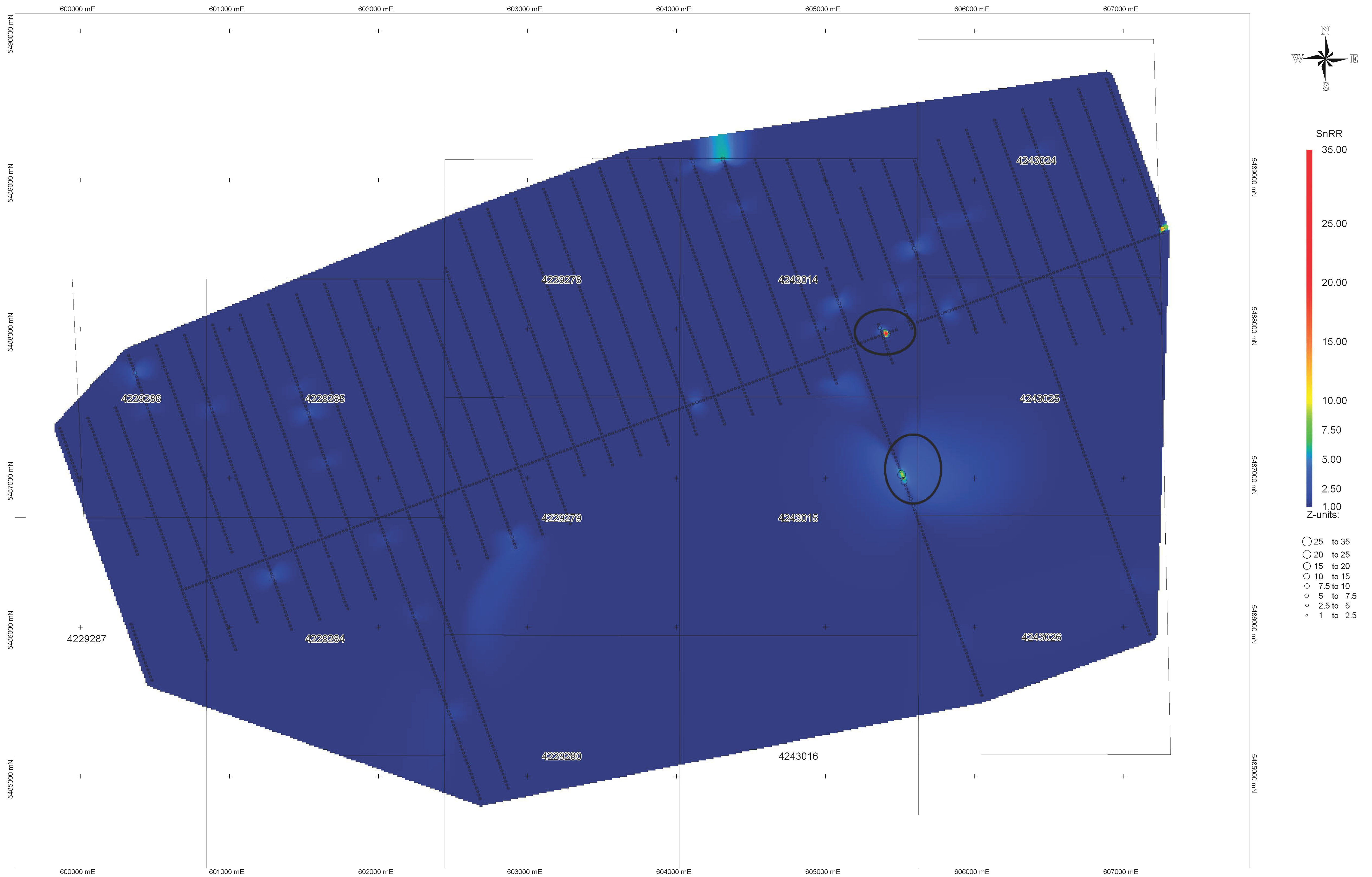
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



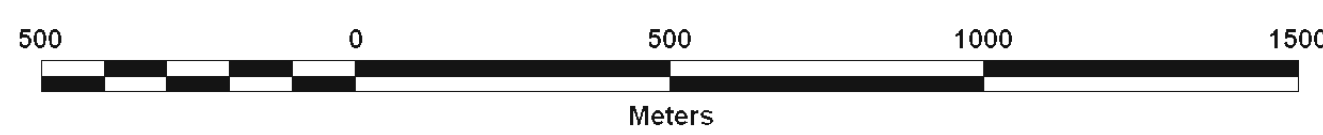
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - SnRR



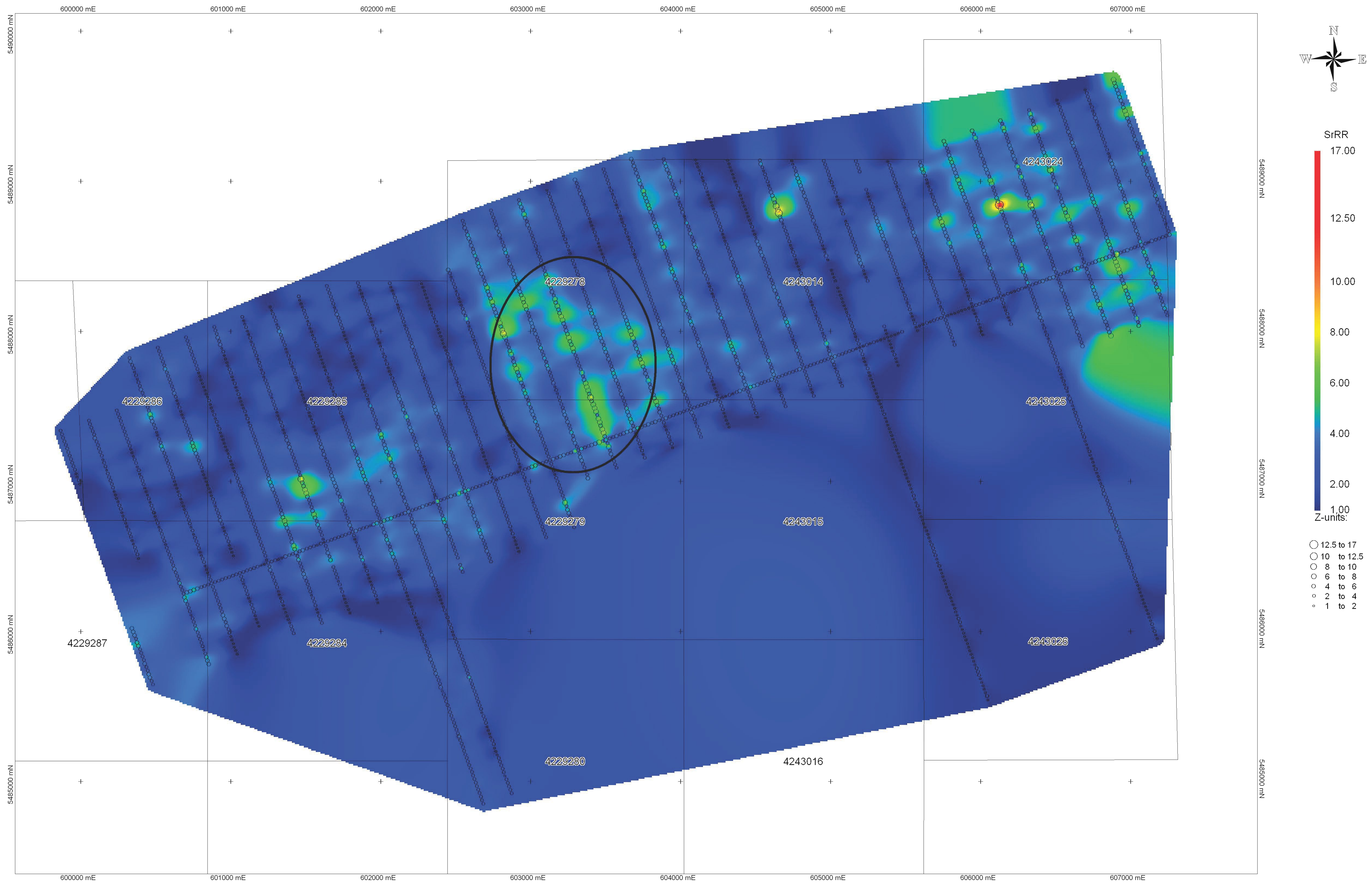
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba




Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - SrRR

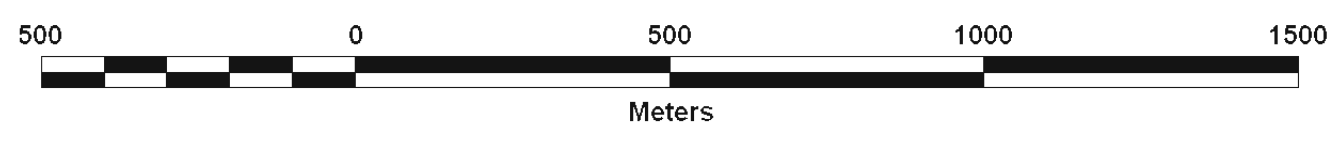
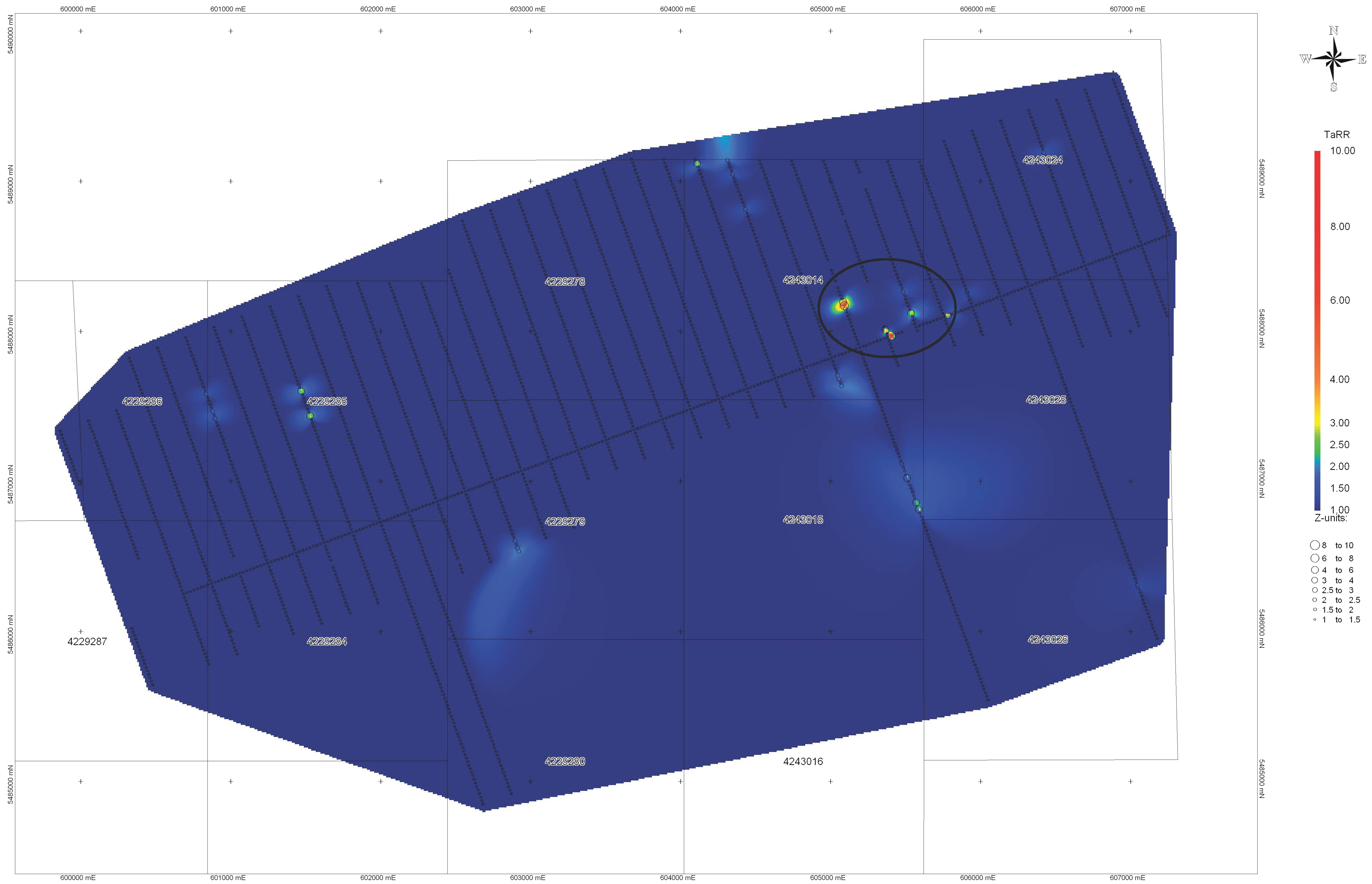



 Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - TaRR

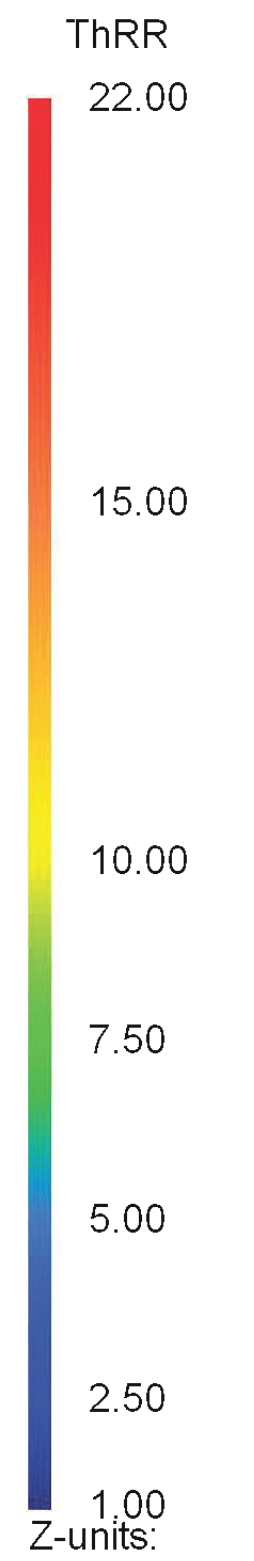
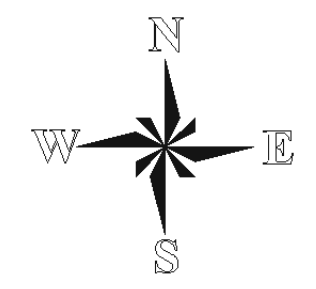
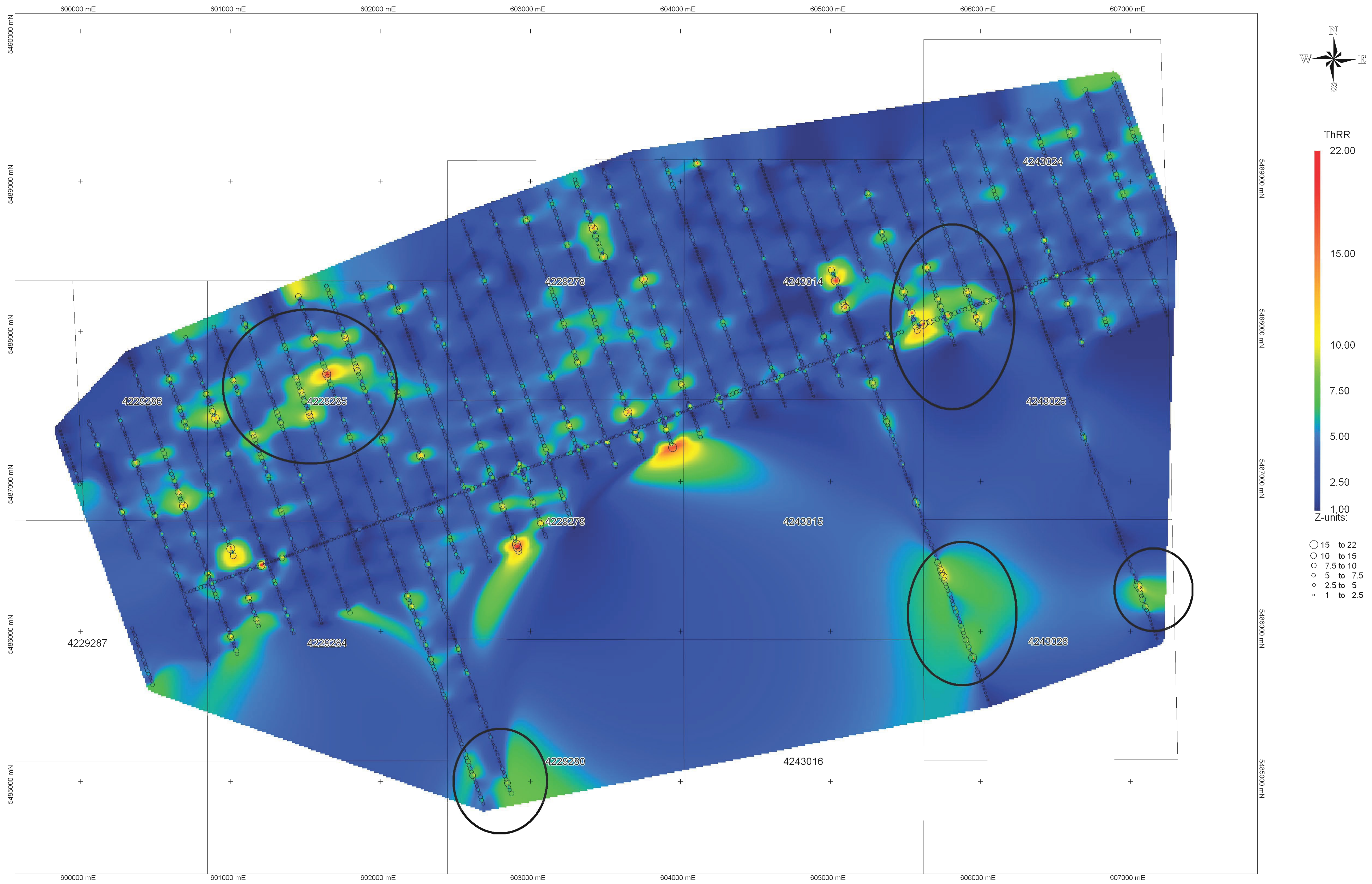


Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)

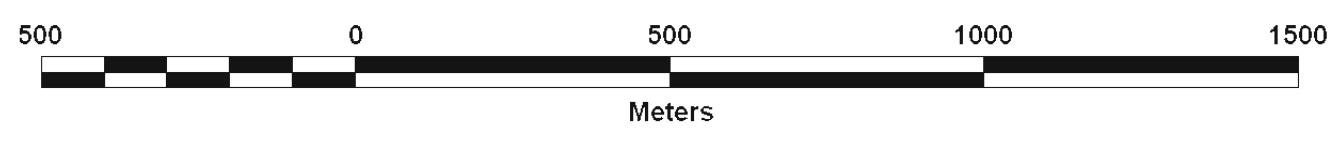




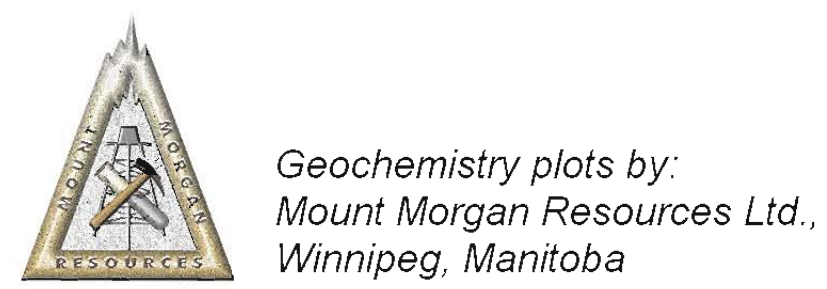
# Lake Shore Gold: Burntbush 2011 MMI-M Survey - ThRR



- 15 to 22
- 10 to 15
- 7.5 to 10
- 5 to 7.5
- 2.5 to 5
- 1 to 2.5

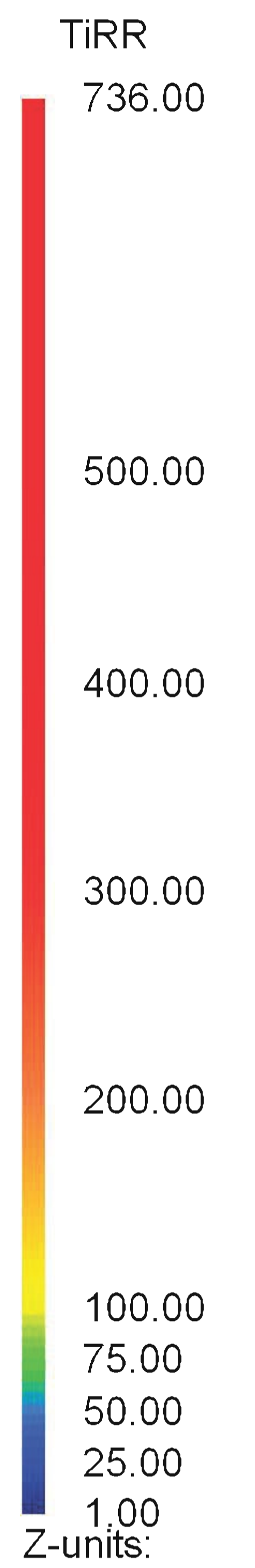
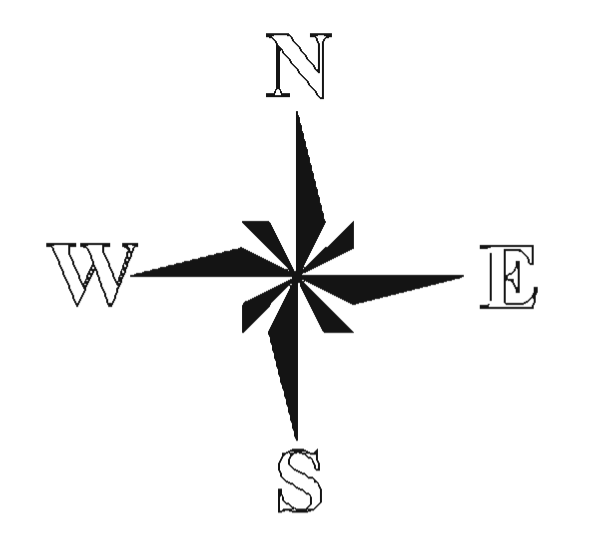
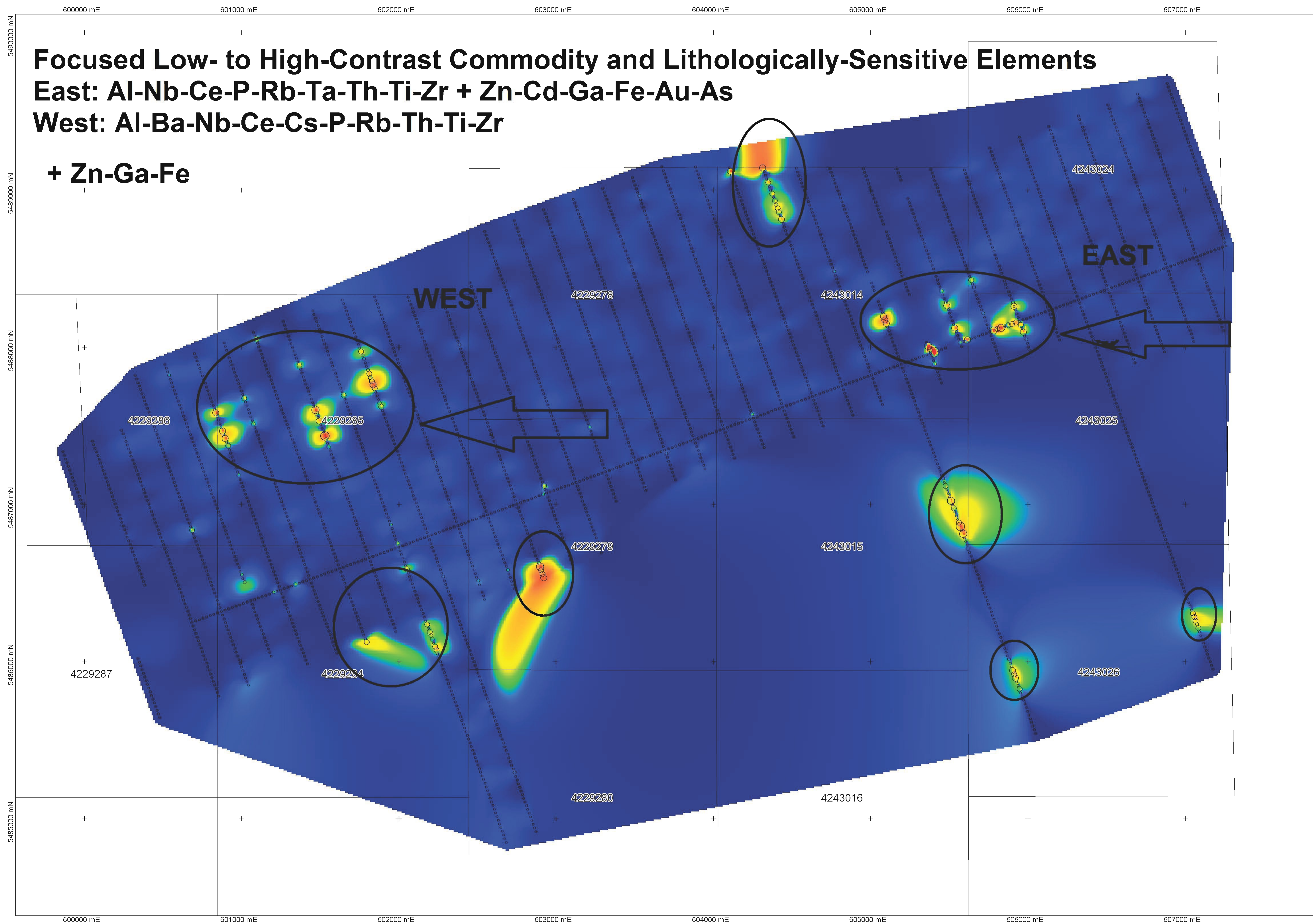


Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)

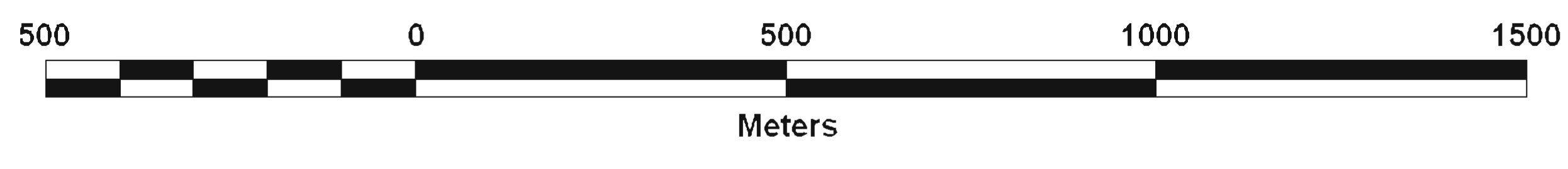




Lake Shore Gold: Burntbush 2011 MMI-M Survey - TiRR



- 500 to 736
- 400 to 500
- 300 to 400
- 200 to 300
- 100 to 200
- 75 to 100
- 50 to 75
- 25 to 50
- 1 to 25



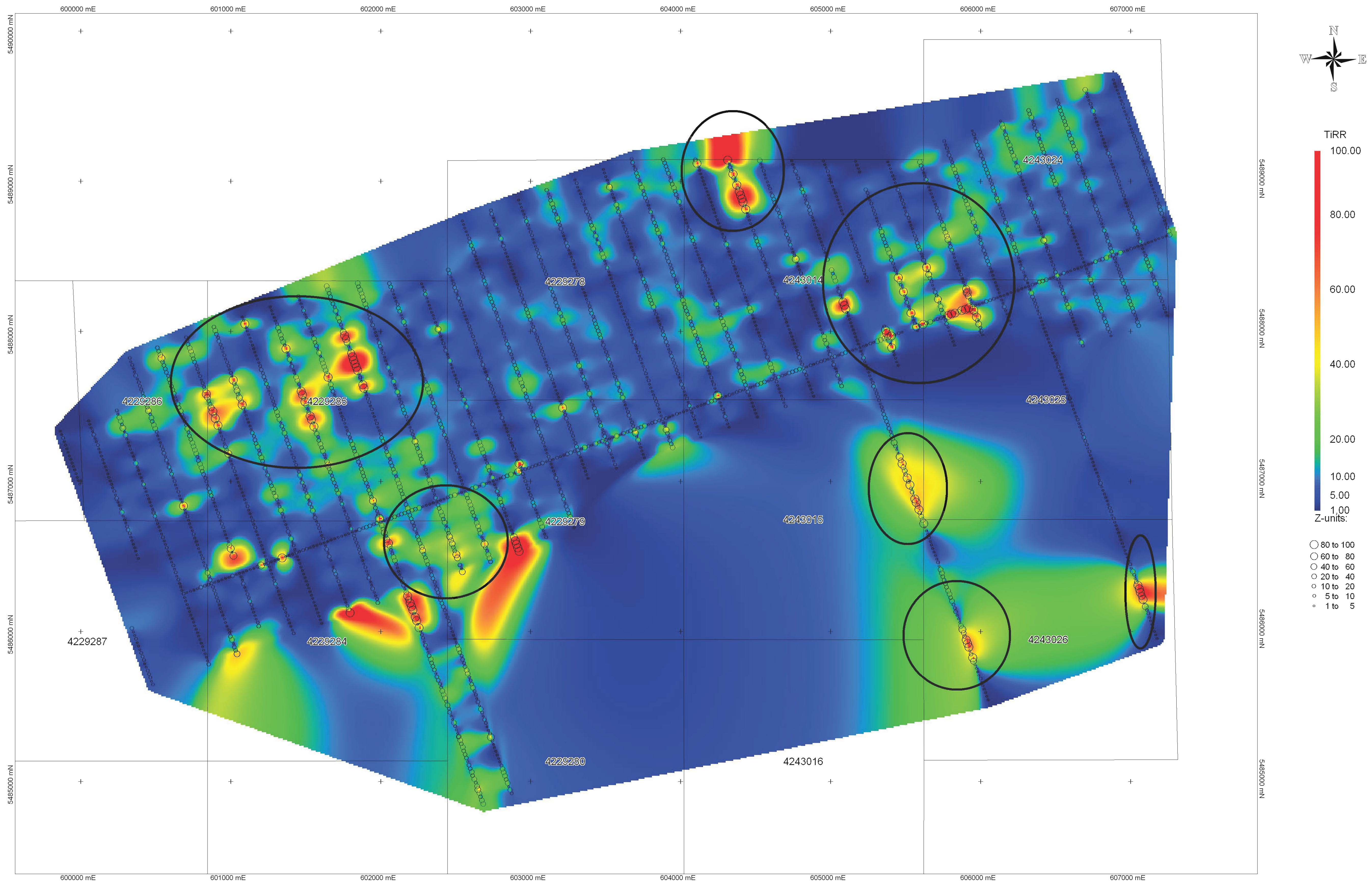
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



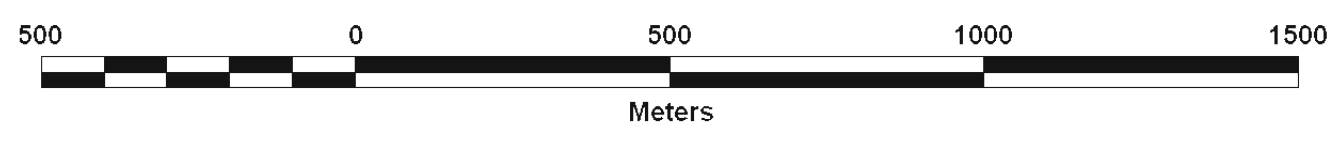
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Lake Shore Gold: Burntbush 2011 MMI-M Survey  
TiRR (truncated >100RR)



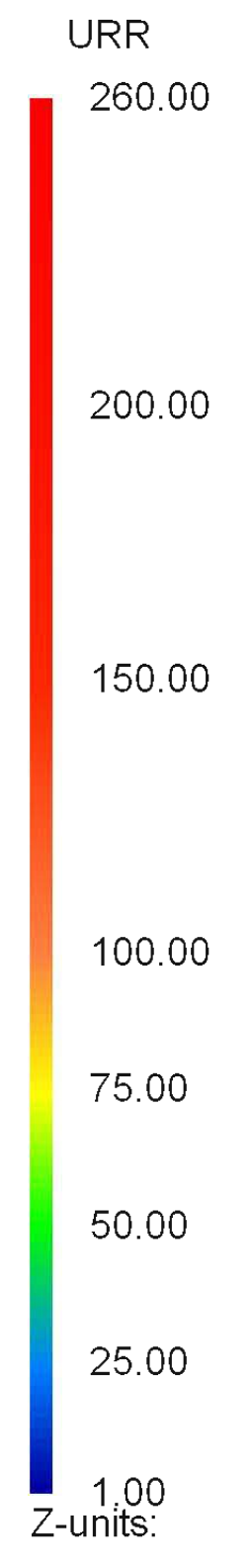
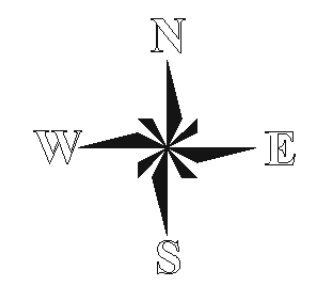
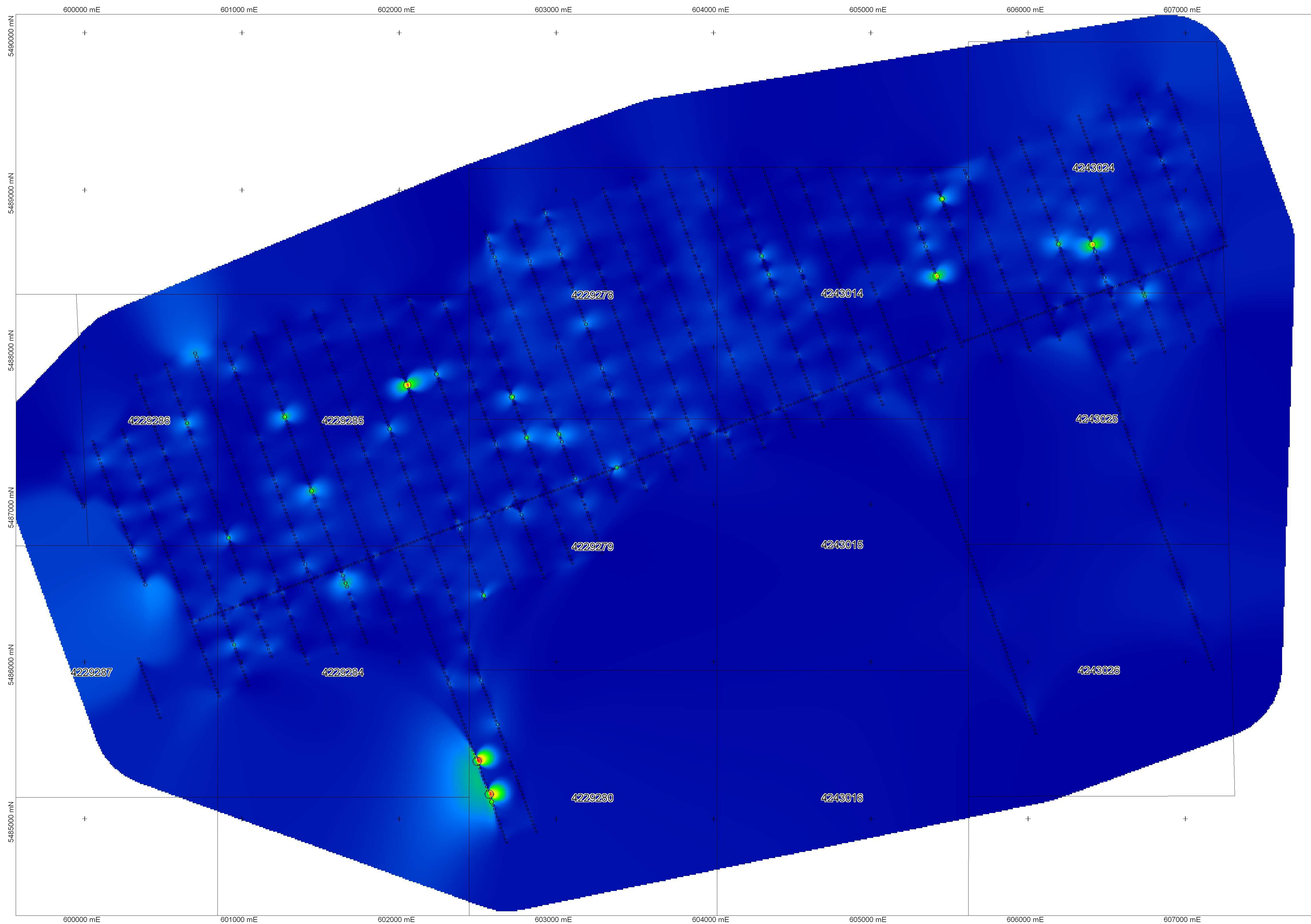
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



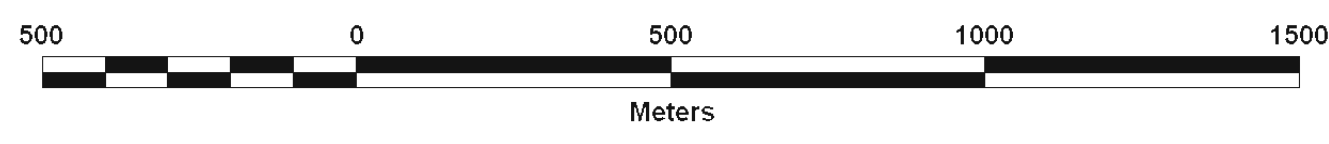
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - URR



- 200 to 260
- 150 to 200
- 100 to 150
- 75 to 100
- 50 to 75
- 25 to 50
- 1 to 25



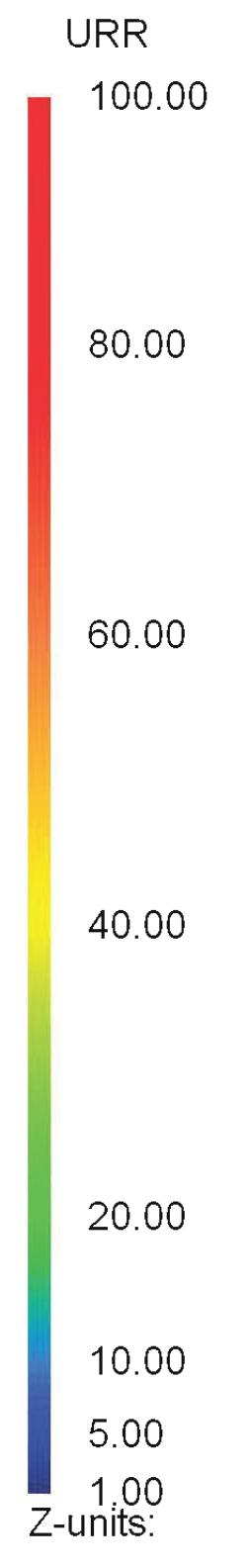
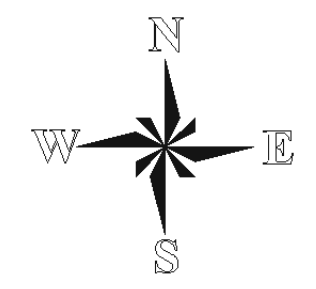
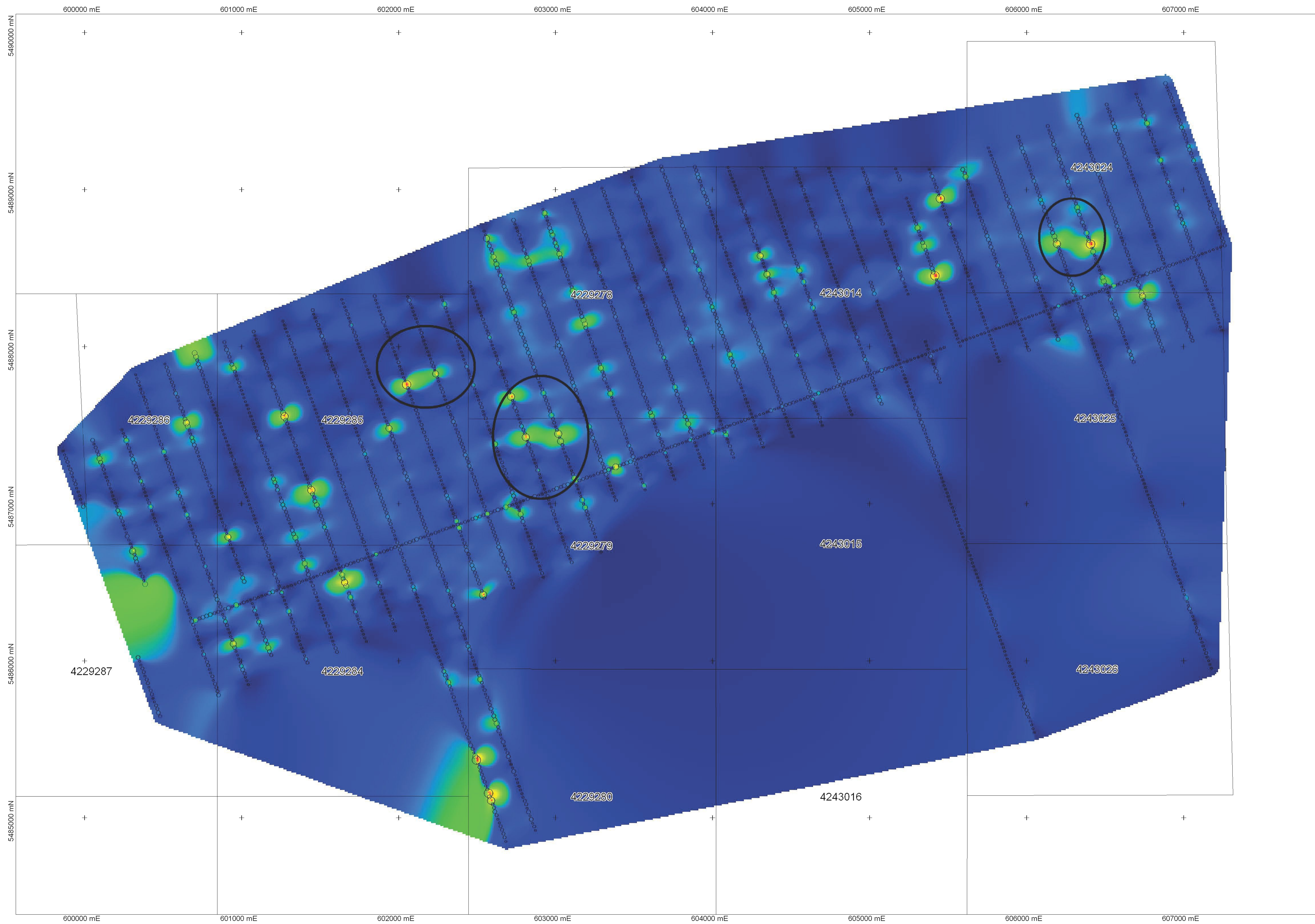
Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



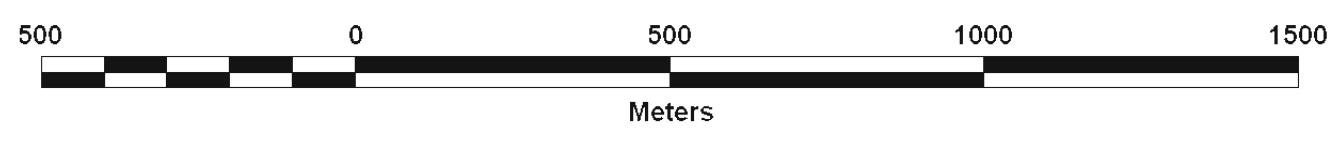
Geochemistry plots by:  
Mount Morgan Resources Ltd.,  
Winnipeg, Manitoba



Lake Shore Gold: Burntbush 2011 MMI-M Survey  
 URR (truncated >100RR)



- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 10 to 20
- 5 to 10
- 1 to 5



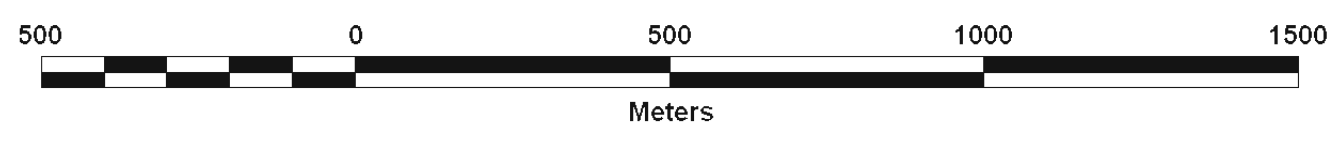
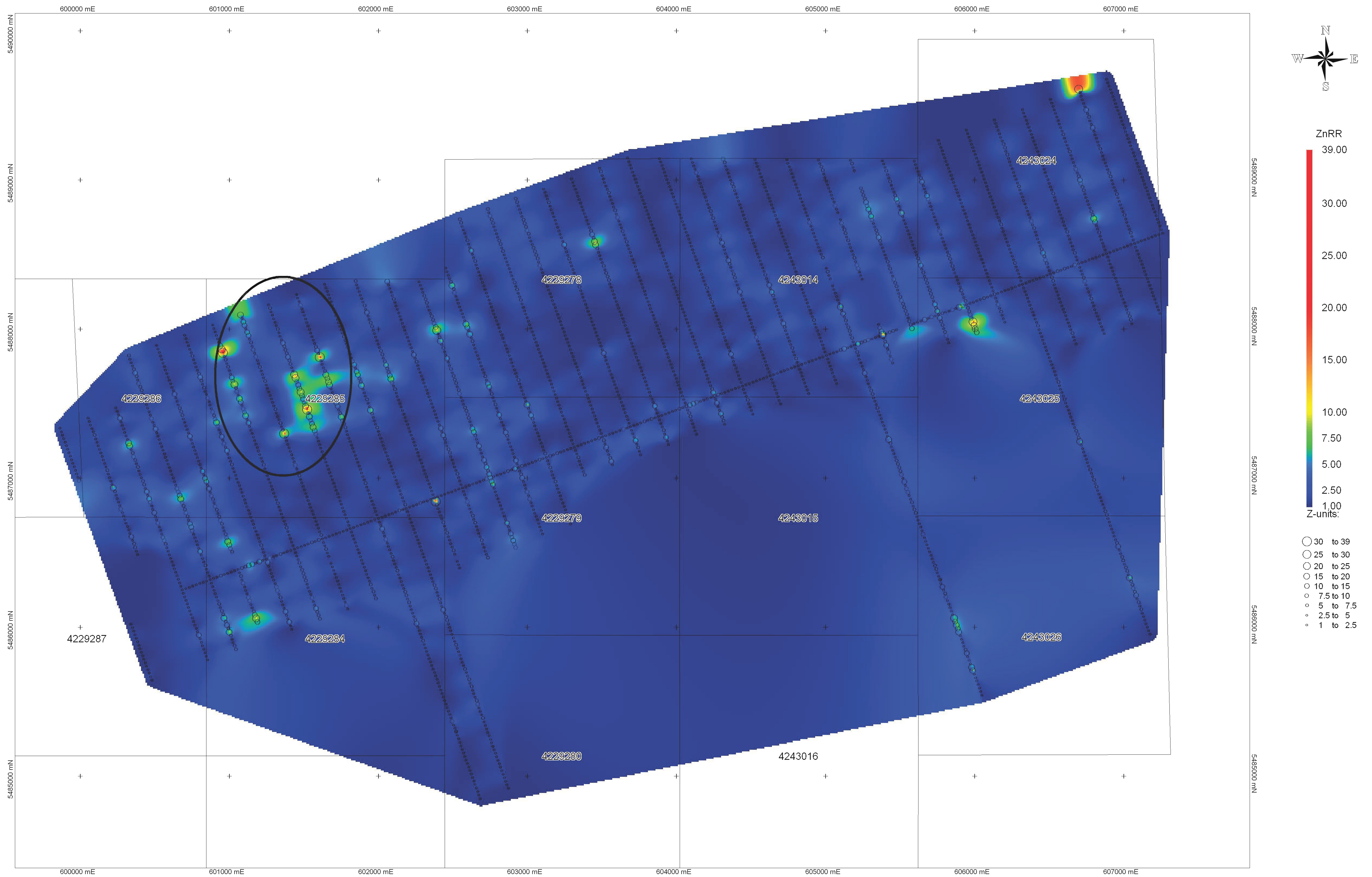
Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)



Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba



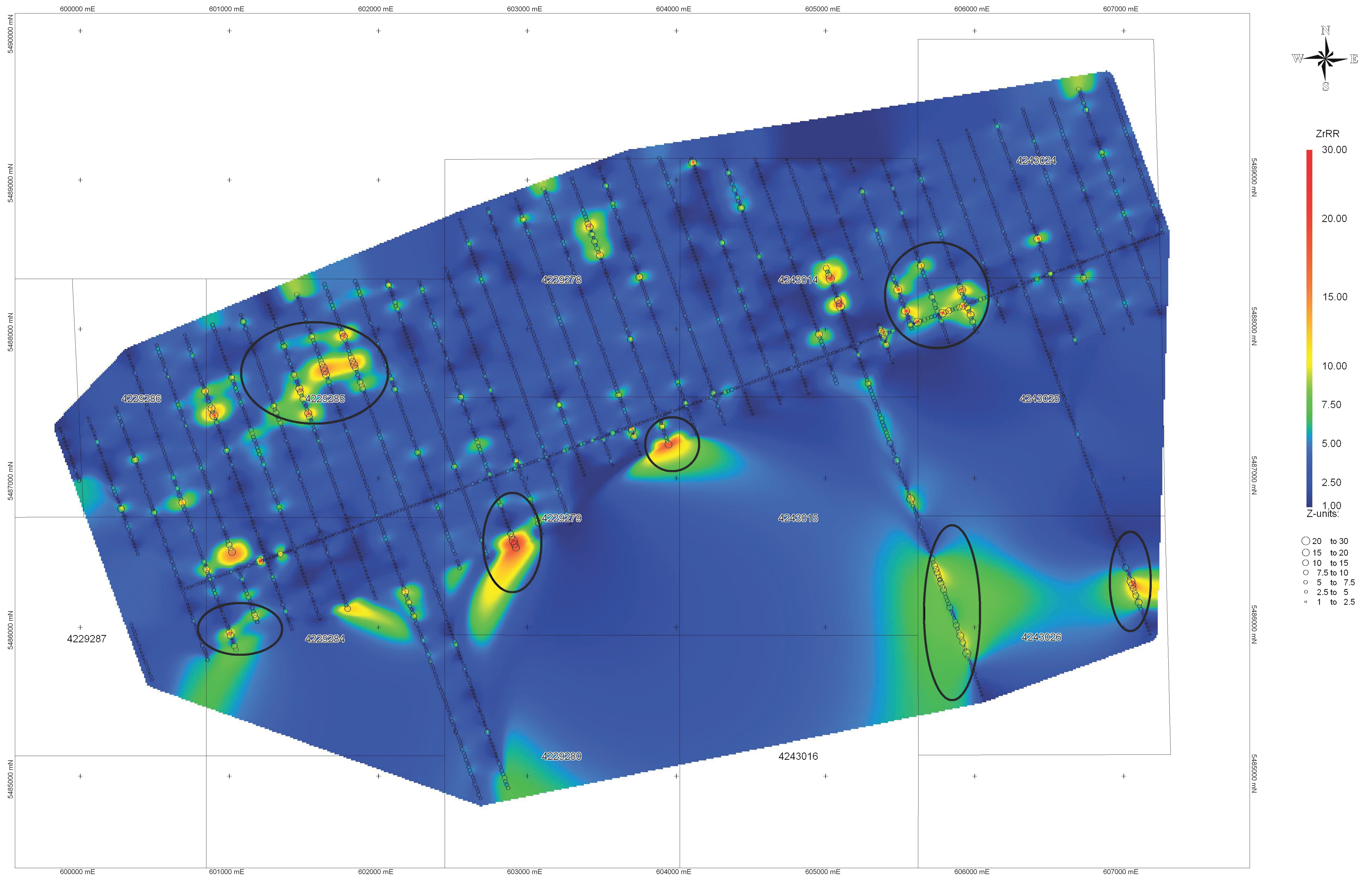
# Lake Shore Gold: Burntbush 2011 MMI-M Survey - ZnRR




Plot Projection:  
NAD83, Zone 17  
Samples (n=3175)



# Lake Shore Gold: Burntbush 2011 MMI-M Survey - ZrRR

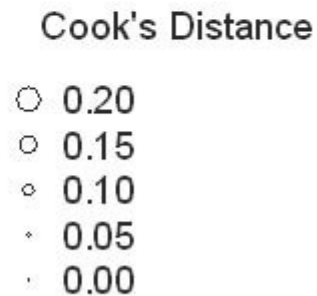
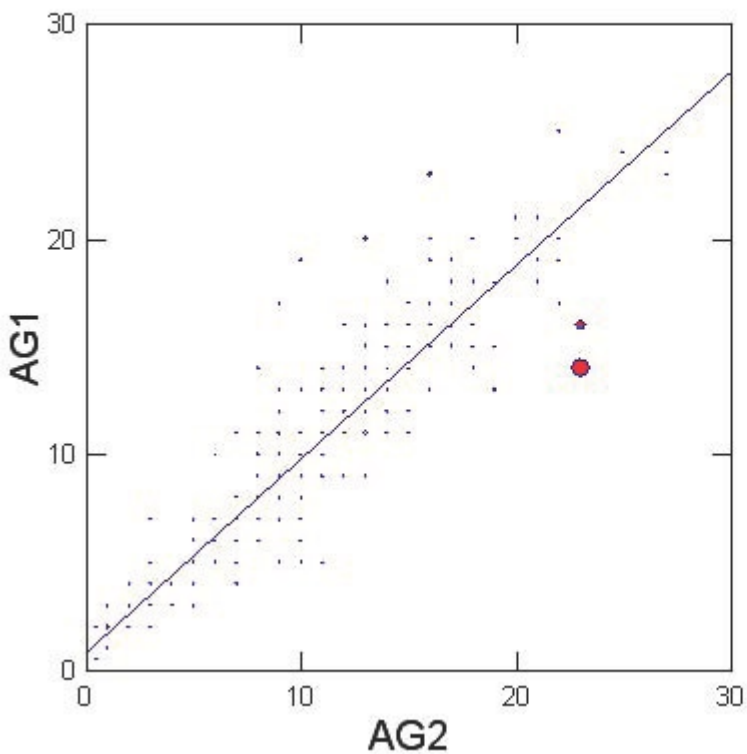



 Geochemistry plots by:  
 Mount Morgan Resources Ltd.,  
 Winnipeg, Manitoba

Plot Projection:  
 NAD83, Zone 17  
 Samples (n=3175)

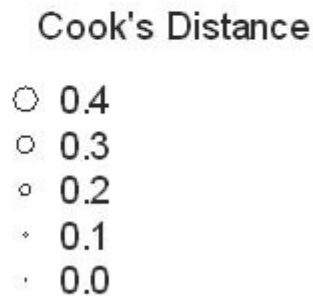
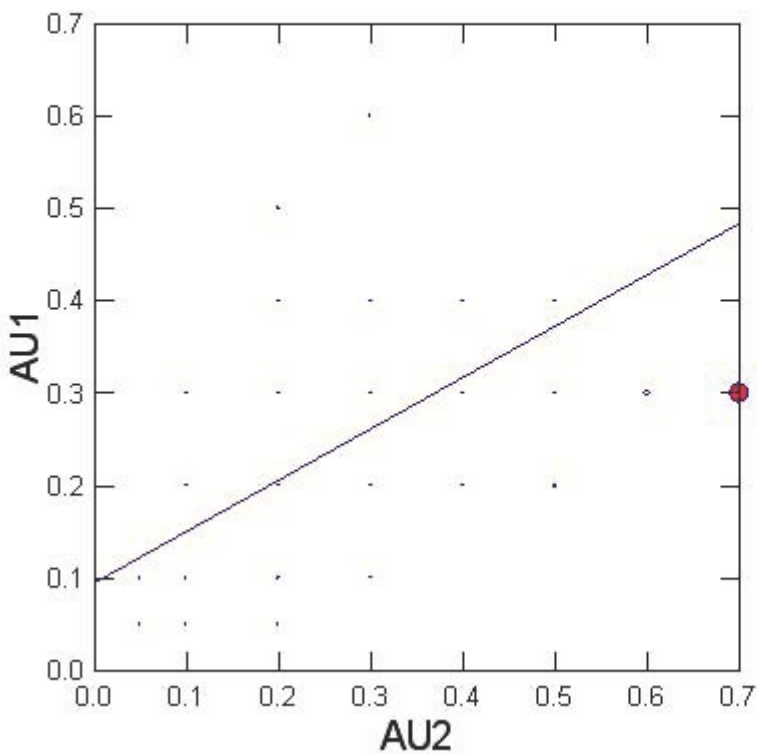


# Outliers and Influence



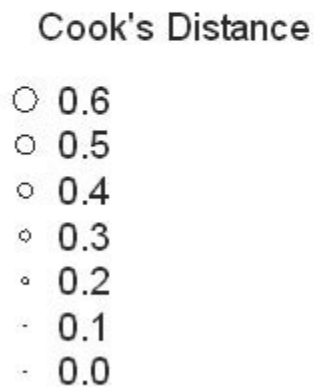
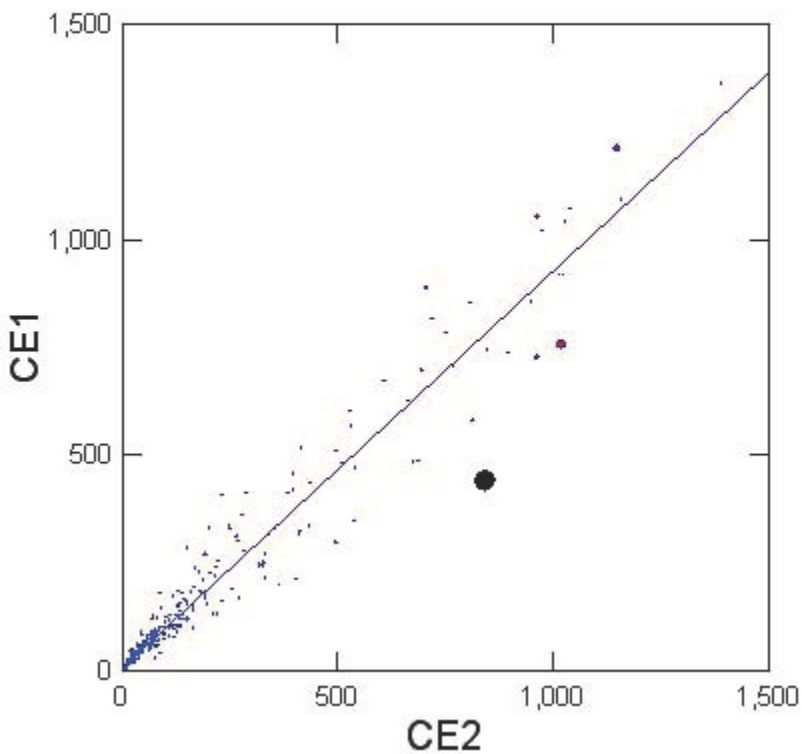


# Outliers and Influence



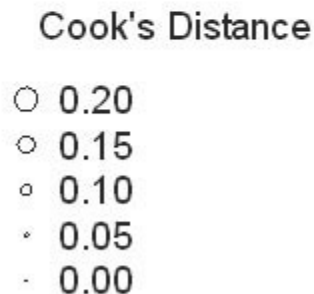
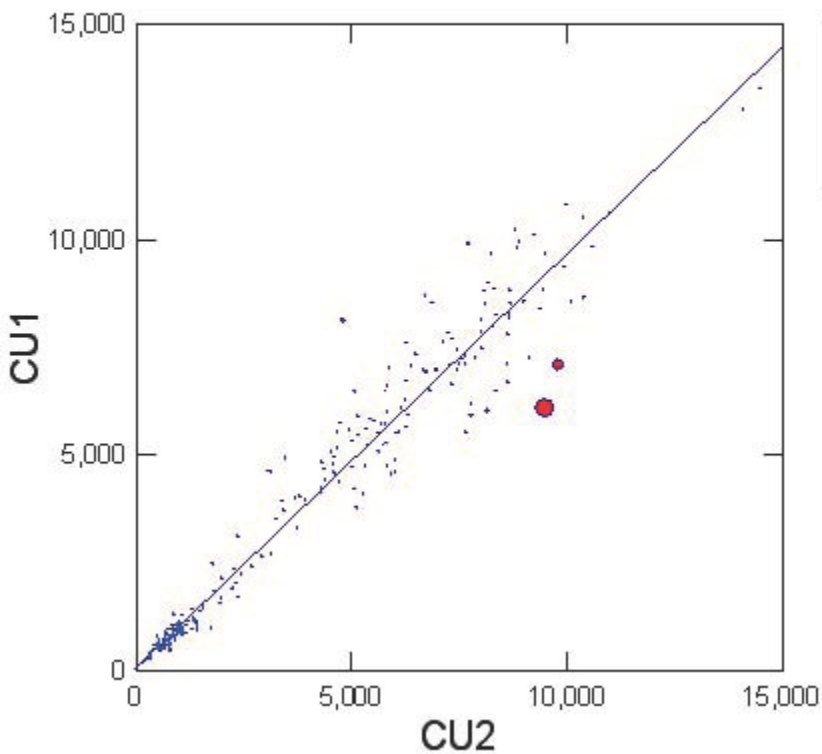


## Outliers and Influence



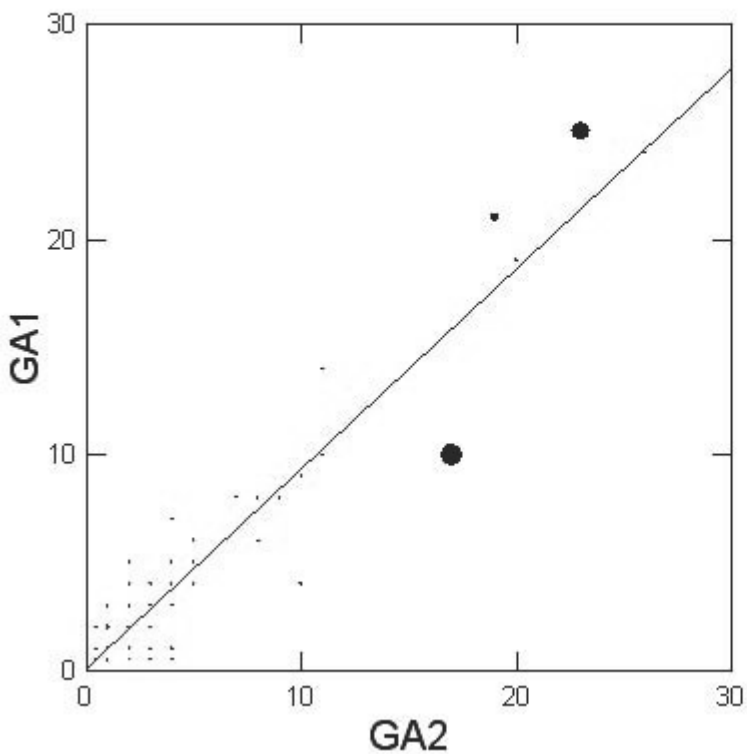


# Outliers and Influence

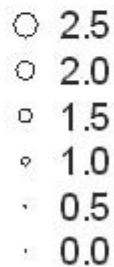




# Outliers and Influence

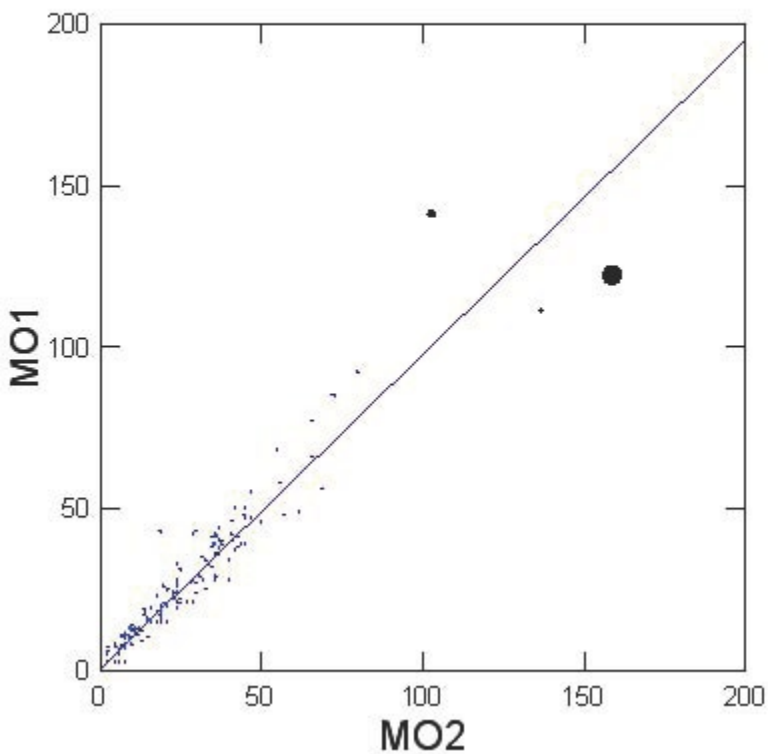


Cook's Distance





# Outliers and Influence

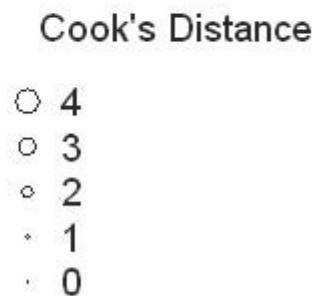
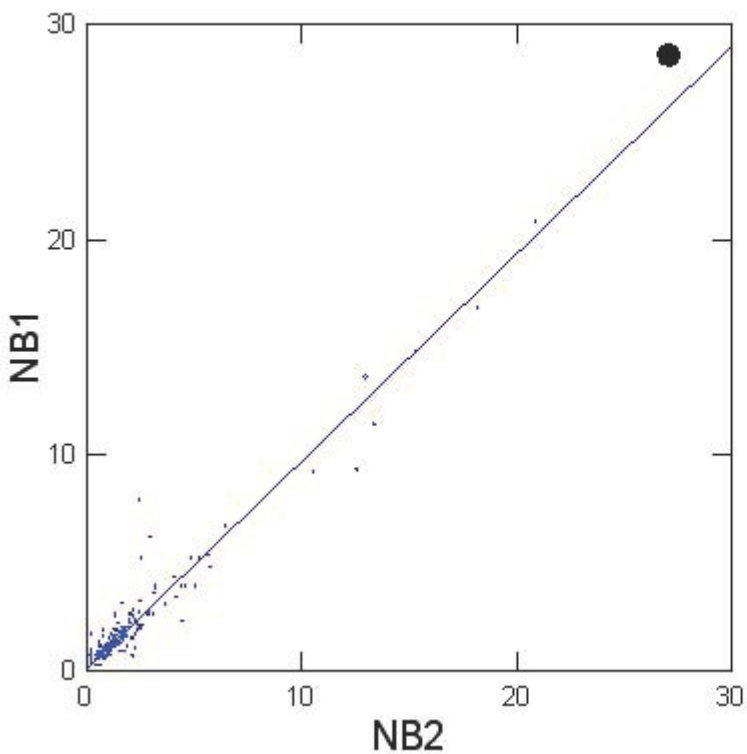


Cook's Distance



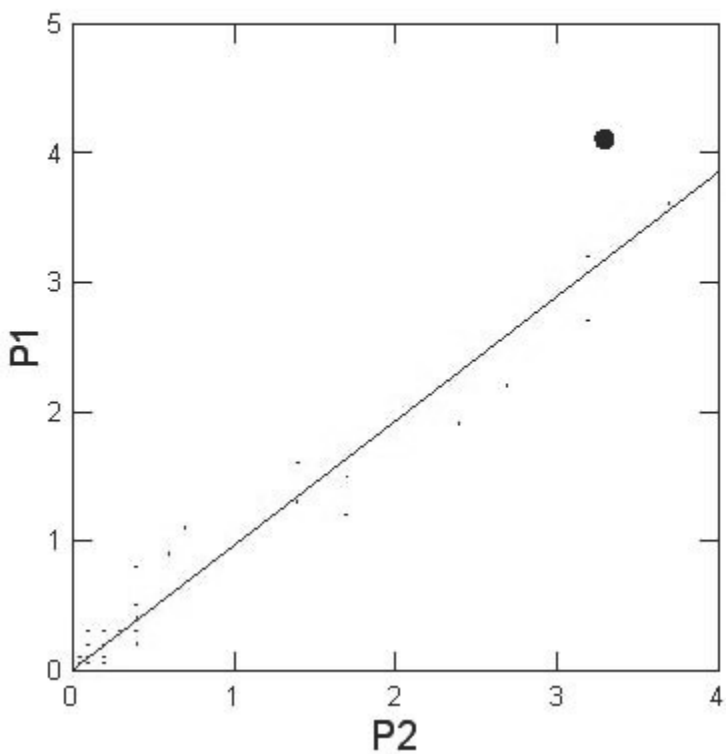


# Outliers and Influence





# Outliers and Influence

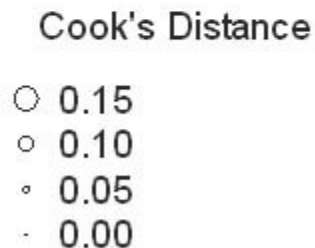
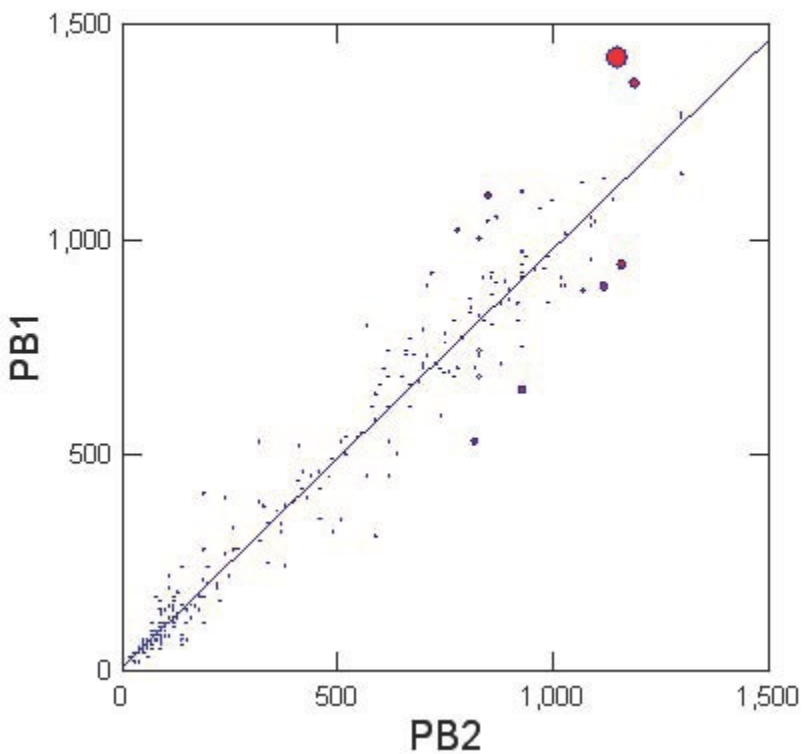


Cook's Distance



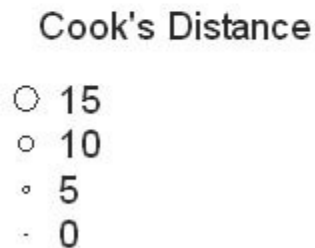
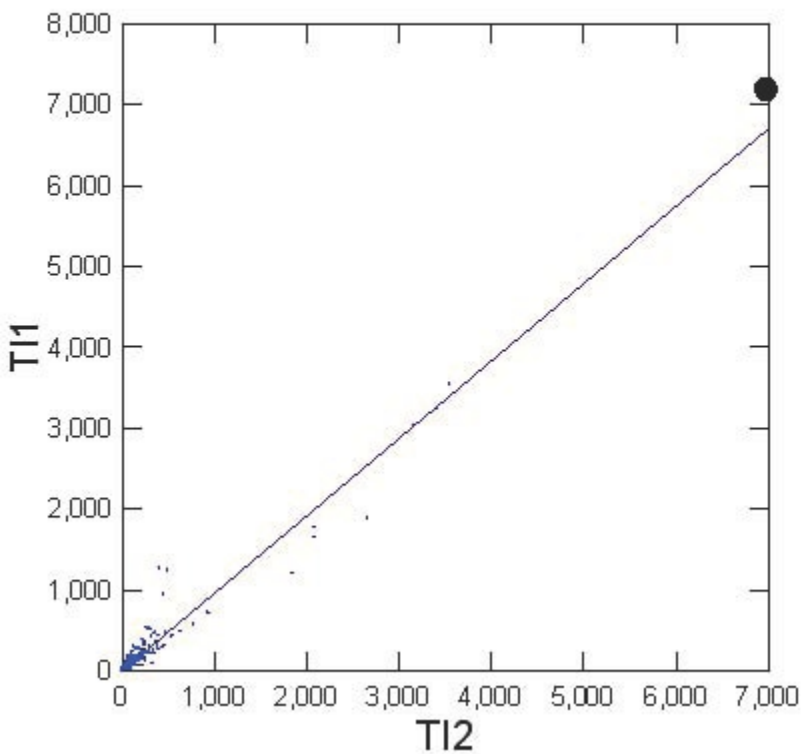


## Outliers and Influence



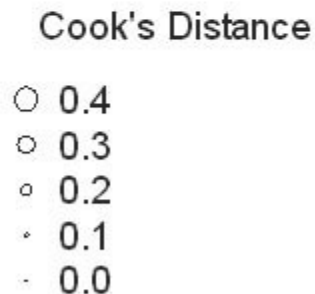
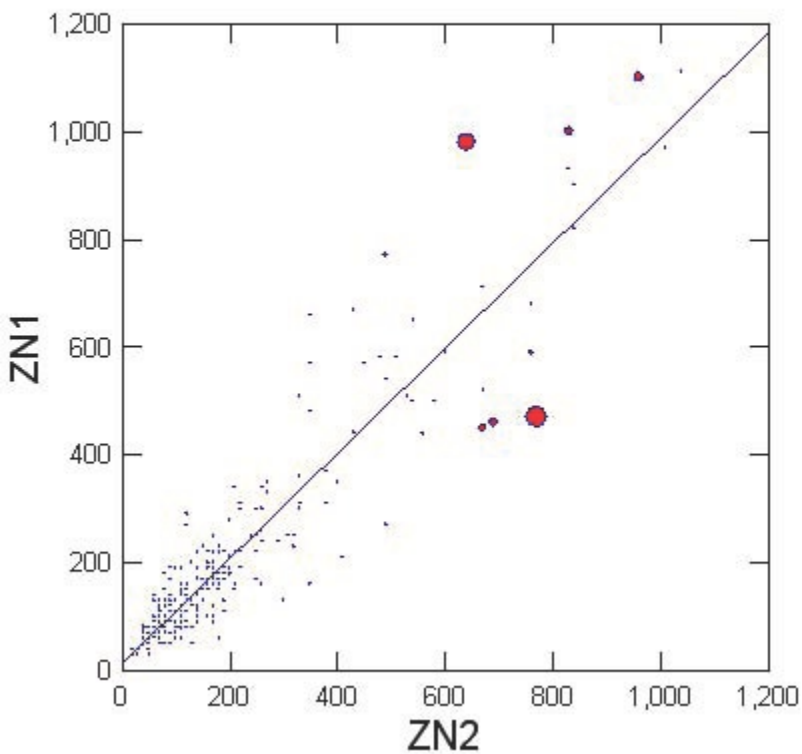


## Outliers and Influence



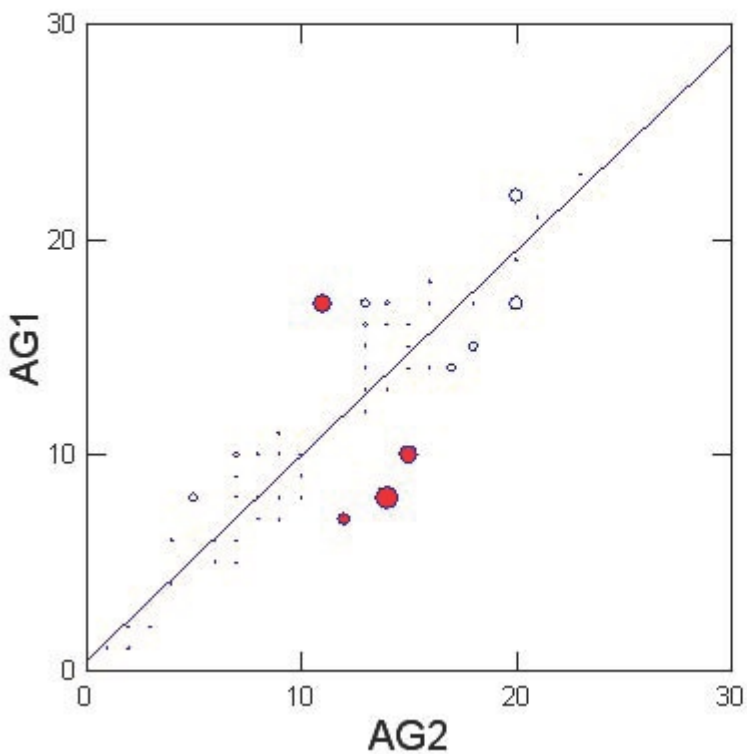


# Outliers and Influence

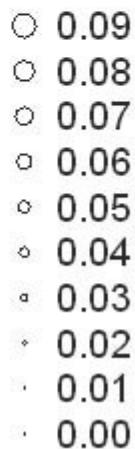




# Outliers and Influence

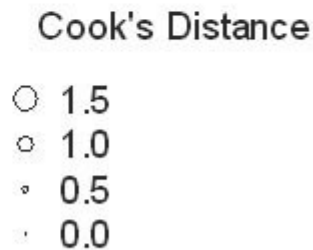
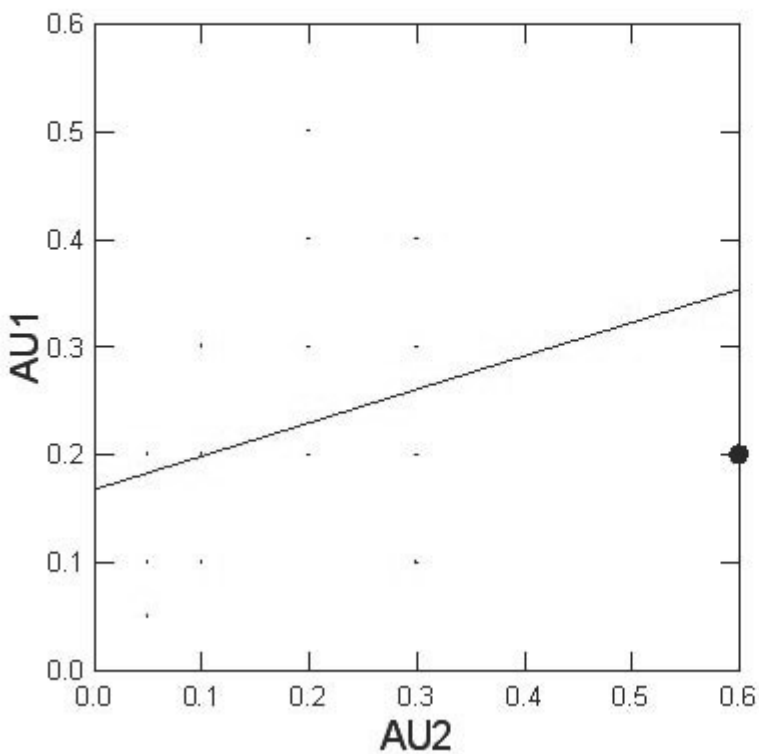


Cook's Distance



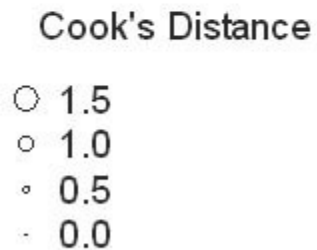
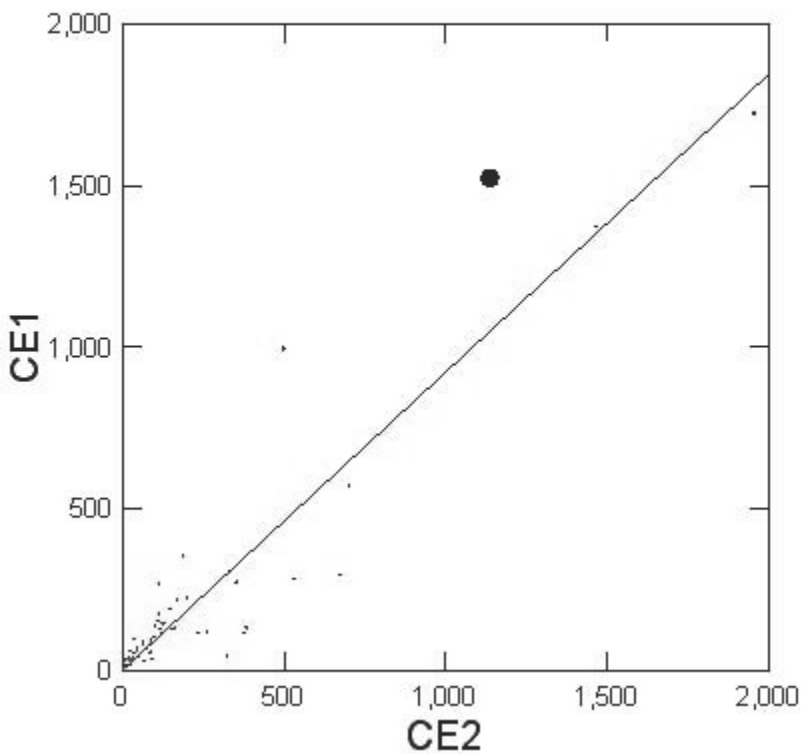


# Outliers and Influence



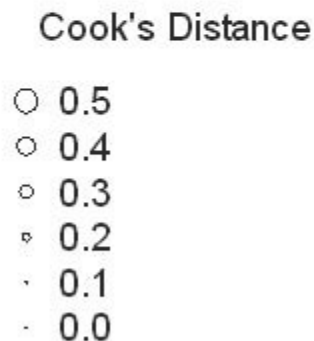
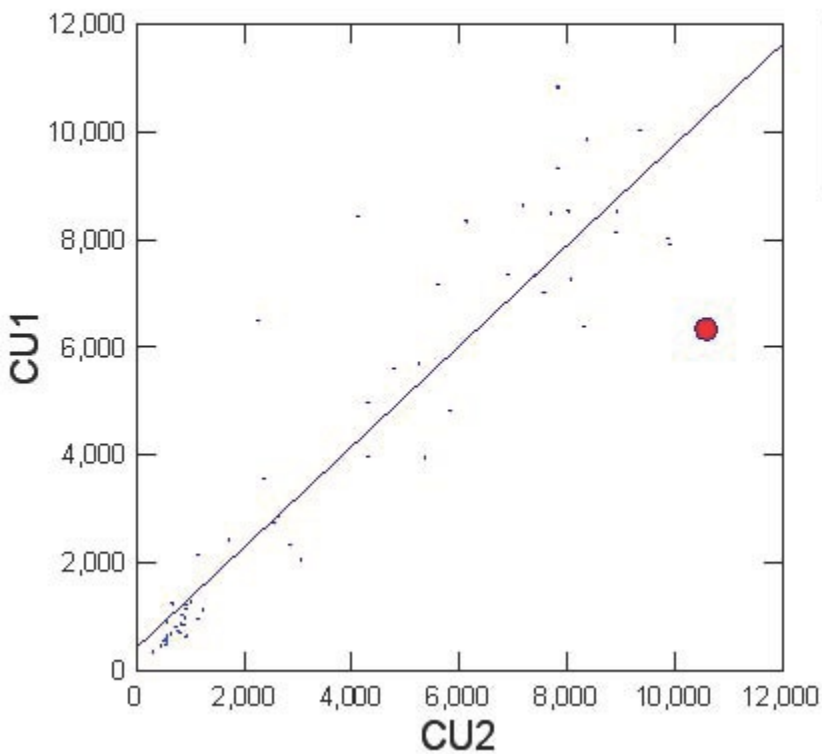


# Outliers and Influence



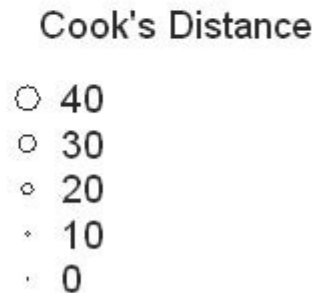
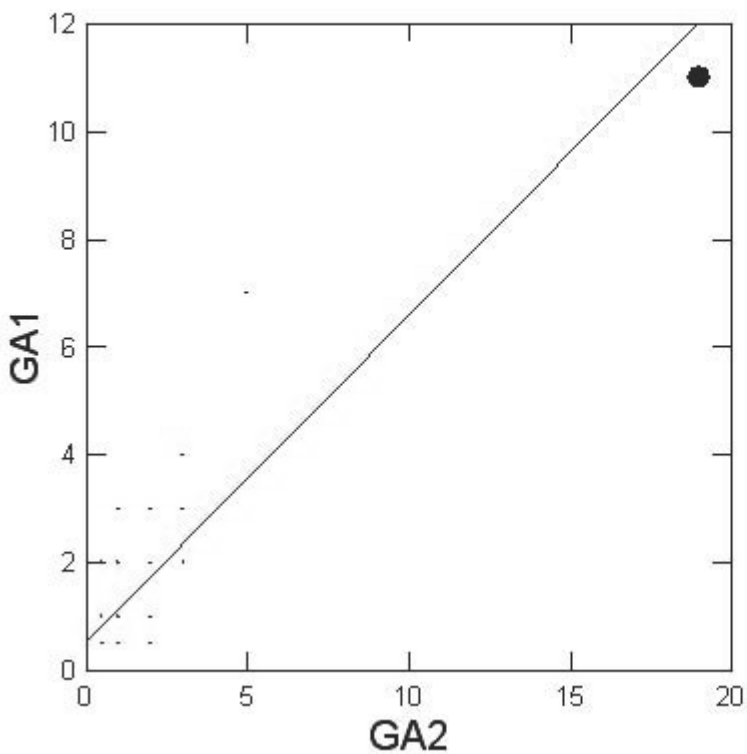


# Outliers and Influence



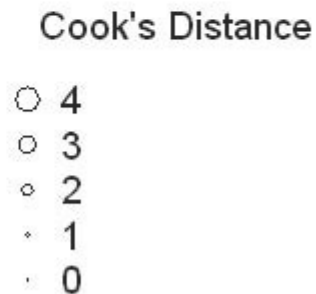
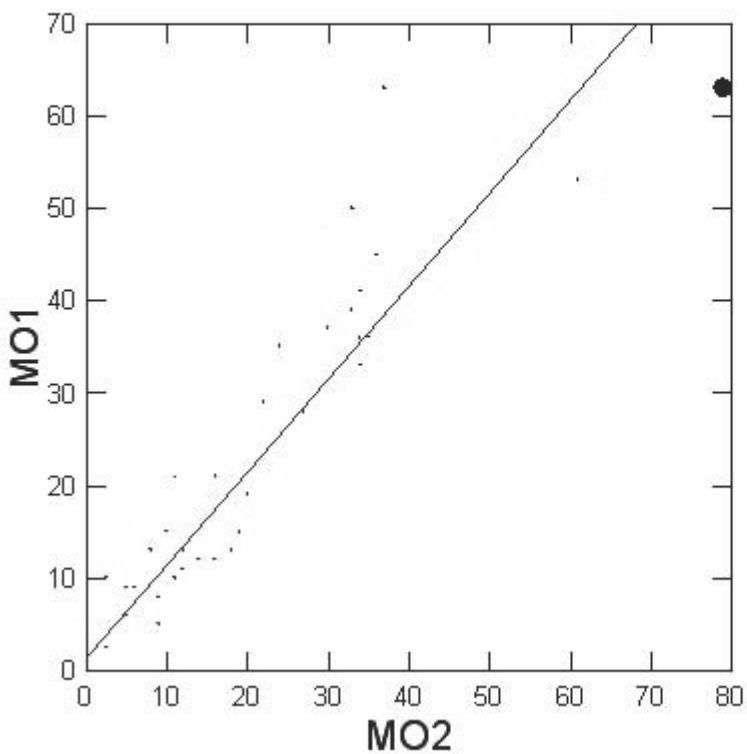


# Outliers and Influence



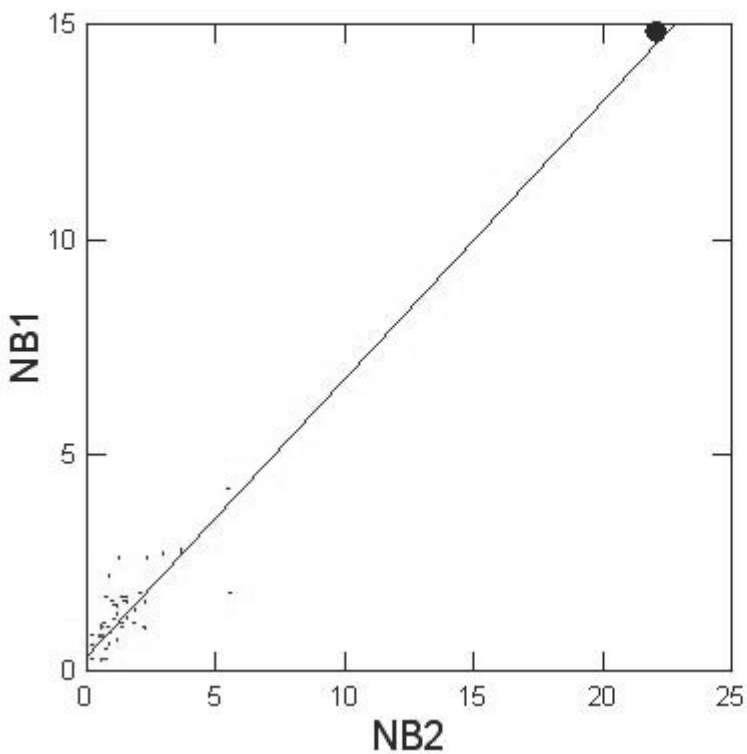


# Outliers and Influence

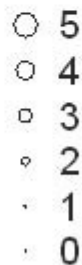




# Outliers and Influence

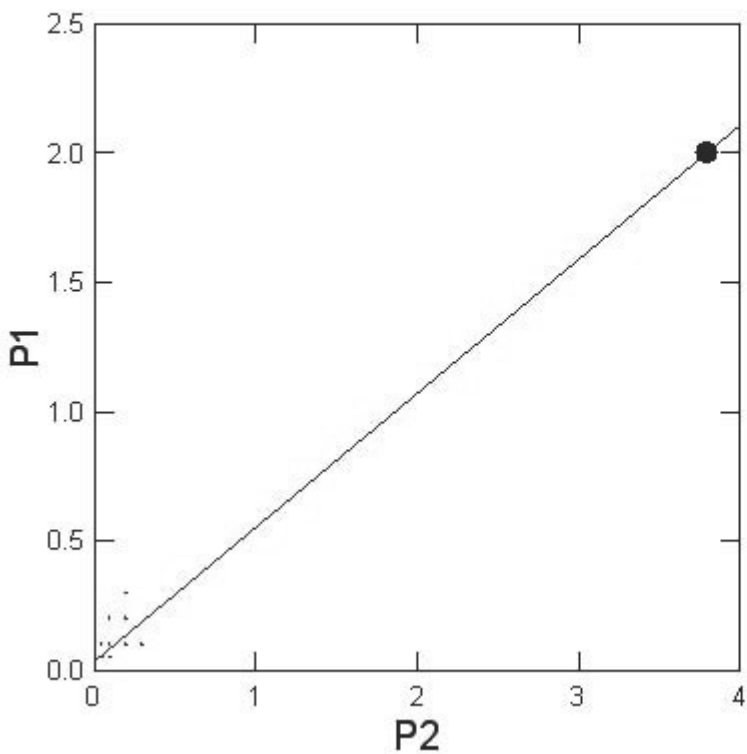


Cook's Distance





# Outliers and Influence

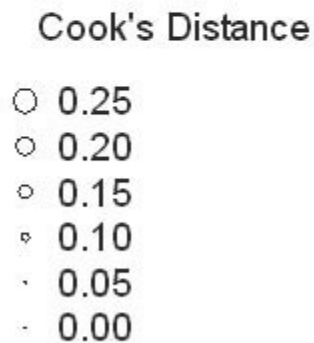
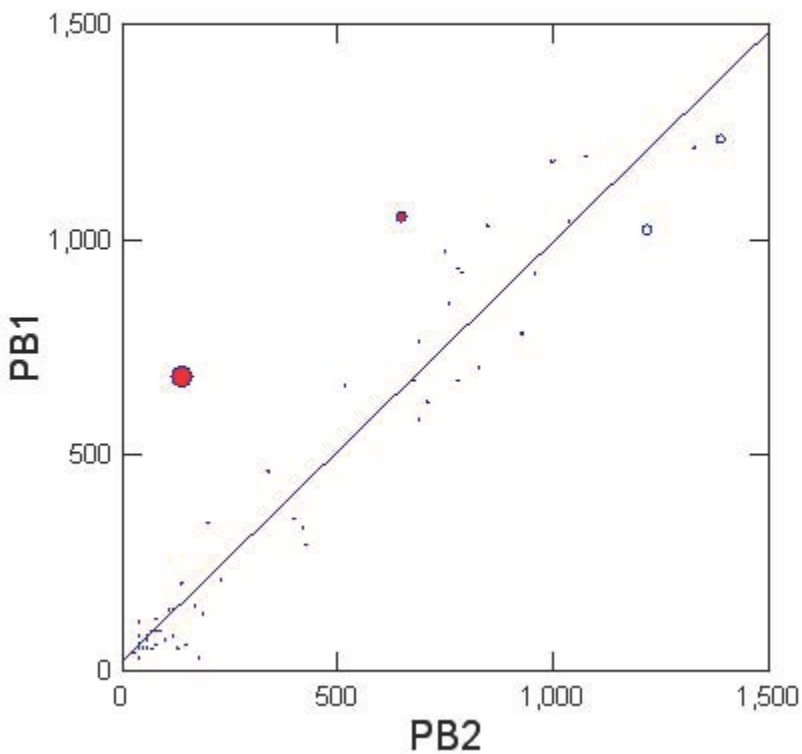


Cook's Distance



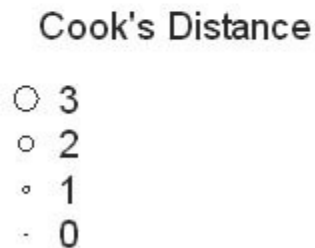
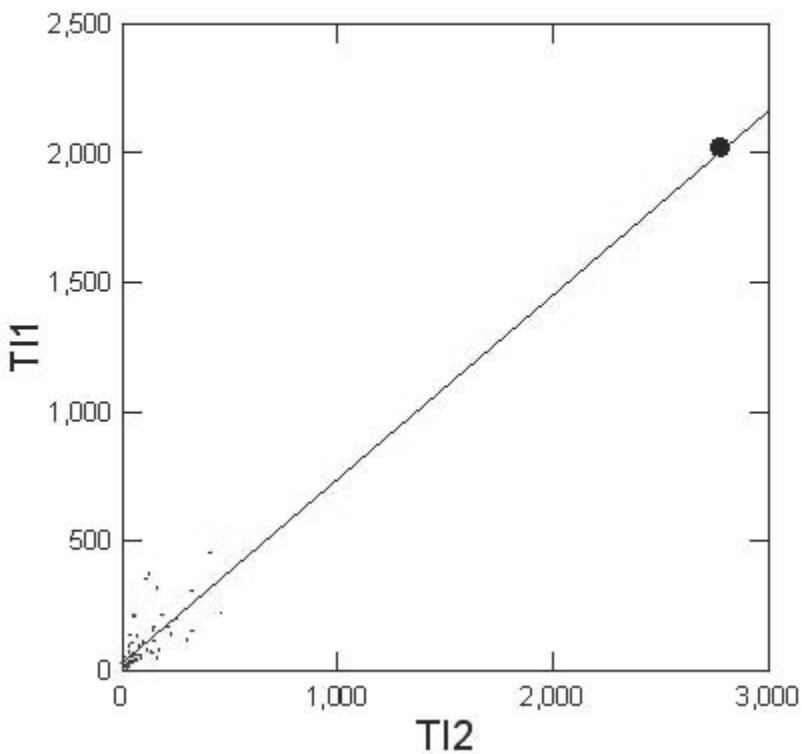


## Outliers and Influence



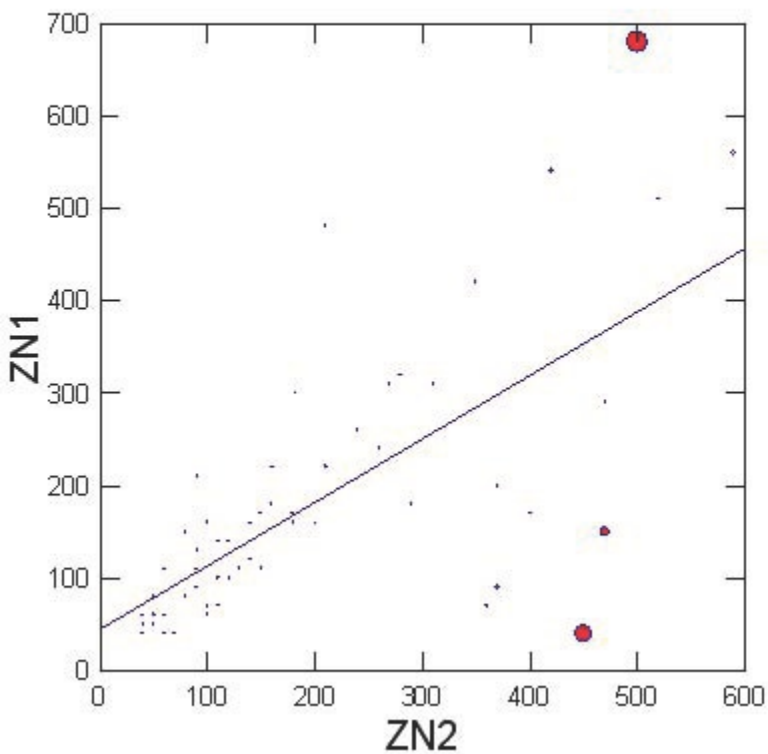


## Outliers and Influence





# Outliers and Influence



Cook's Distance

