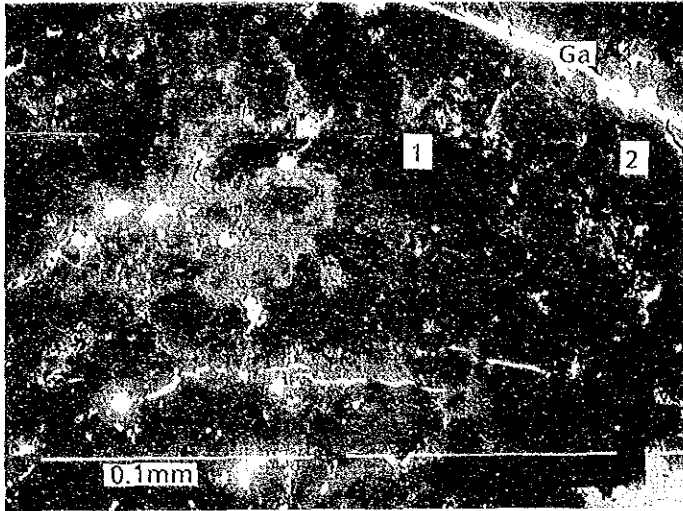


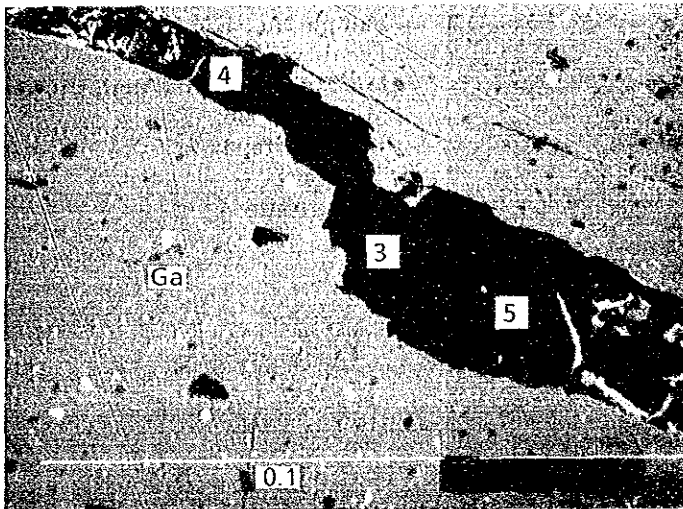
Summary of EPMA Quantitative Analysis of Minerals (2)

| Sample Number | Minerals | Components | Results (weight %) | | Average | |
|---------------|------------------------|--------------------------------|--------------------|-------|---------|------|
| VT-15 | Barite | | 1 | 2 | | |
| | | BaO | 65.9 | 66.3 | 66.1 | |
| | | SO ₃ | 33.4 | 33.2 | 33.3 | |
| | | CaO | 0.1 | <0.1 | <0.1 | |
| | | FeO | 0.1 | <0.1 | <0.1 | |
| | | SrO | <0.1 | 0.3 | 0.2 | |
| Total | 99.5 | 99.8 | 99.6 | | | |
| VT-16A | Barite | | 1 | 2 | | |
| | | BaO | 66.3 | 66.7 | 66.5 | |
| | | SO ₃ | 32.8 | 33.7 | 33.3 | |
| | | CaO | <0.1 | <0.1 | <0.1 | |
| | | FeO | 0.3 | 0.1 | 0.2 | |
| | SrO | 0.4 | 0.3 | 0.4 | | |
| | Total | 99.8 | 100.8 | 100.4 | | |
| | Covellita | | 3 | 4 | 5 | |
| | | Cu | 64.2 | 66.6 | 66.3 | 65.7 |
| | | Fe | <0.1 | <0.1 | <0.1 | <0.1 |
| Ag | | <0.1 | <0.1 | <0.1 | <0.1 | |
| Zn | | <0.1 | <0.1 | <0.1 | <0.1 | |
| S | 34.1 | 33.7 | 33.8 | 33.9 | | |
| Total | 98.3 | 100.3 | 100.1 | 99.6 | | |
| JA-08 | Pyrite | | 1 | 2 | | |
| | | Fe | 46.9 | 47.6 | 47.3 | |
| | | As | 0.2 | <0.1 | 0.1 | |
| | | S | 53.2 | 53.5 | 53.4 | |
| Total | 100.3 | 101.1 | 100.8 | | | |
| TO-09 | Aggregate of Mn oxides | | 1 | 2 | 3 | |
| | | MnO ₂ | 87.3 | 82.6 | 82.9 | 84.3 |
| | | BaO | 8.9 | 12.6 | 16.7 | 12.7 |
| | | Al ₂ O ₃ | 1.2 | 1.7 | 0.5 | 1.1 |
| | | K ₂ O | 1.1 | 0.7 | 0.4 | 0.7 |
| | | SrO | 0.2 | <0.1 | <0.1 | <0.1 |
| | | FeO | <0.1 | 2.2 | <0.1 | 0.7 |
| | | Total | 98.7 | 99.8 | 100.5 | 99.5 |
| GO-03 | Barite | | 1 | 2 | | |
| | | BaO | 66.4 | 66.1 | 66.3 | |
| | | SO ₃ | 33.1 | 34.0 | 33.6 | |
| | | CaO | <0.1 | <0.1 | <0.1 | |
| | | FeO | <0.1 | <0.1 | <0.1 | |
| | | SrO | 1.1 | 1.1 | 1.1 | |
| Total | 100.6 | 101.2 | 101.0 | | | |
| MW-02 | Sphalerite | | 1 | 2 | | |
| | | Zn | 62.3 | 58.7 | 60.5 | |
| | | Fe | 4.8 | 6.5 | 5.7 | |
| | | Cu | 0.4 | 0.4 | 0.4 | |
| | | Ag | <0.1 | <0.1 | <0.1 | |
| | As | <0.1 | <0.1 | <0.1 | | |
| | Sb | 0.2 | 0.2 | 0.2 | | |
| | S | 31.9 | 31.9 | 31.9 | | |
| | Total | 99.6 | 97.7 | 98.7 | | |
| | Pyrite | | 3 | 4 | | |
| Fe | | 45.4 | 44.1 | 44.8 | | |
| Cu | | 0.3 | 0.1 | 0.2 | | |
| Zn | | 0.9 | 1.6 | 1.3 | | |
| As | | 0.1 | <0.1 | <0.1 | | |
| Sb | | <0.1 | <0.1 | <0.1 | | |
| Ag | | <0.1 | <0.1 | <0.1 | | |
| S | | 53.4 | 52.7 | 53.1 | | |
| Total | 100.1 | 98.5 | 99.4 | | | |
| MK-22 | Pyrite | | 1 | 2 | | |
| | | Fe | 46.1 | 46.3 | 46.2 | |
| | | Zn | 0.4 | 0.1 | 0.3 | |
| | | As | 0.1 | 0.3 | 0.2 | |
| | | Sb | 0.1 | <0.1 | <0.1 | |
| | | S | 53.8 | 53.7 | 53.8 | |
| Total | 100.5 | 100.4 | 100.5 | | | |
| TO-01 | Witherite | | 1 | 2 | | |
| | | BaO | 76.3 | 75.8 | 76.1 | |
| | | CaO | <0.1 | <0.1 | <0.1 | |
| | | SrO | 1.1 | 1.1 | 1.1 | |
| | | FeO | <0.1 | <0.1 | <0.1 | |
| Total | 77.4 | 76.9 | 77.2 | | | |

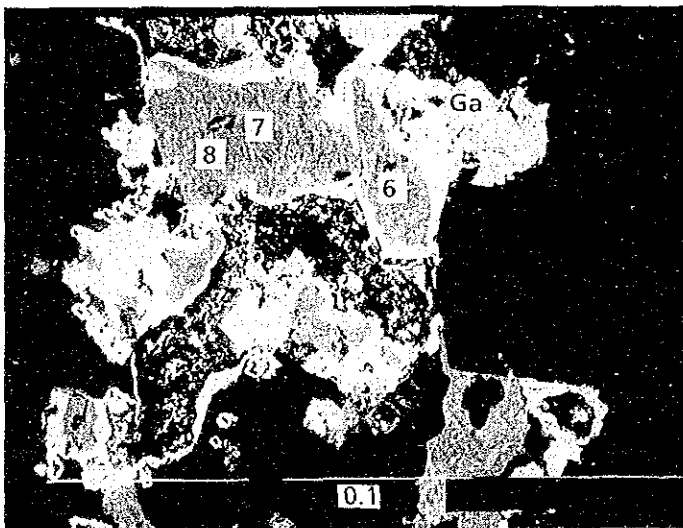
| Sample Number | Minerals | Components | Results (weight %) | | Average |
|----------------|------------|------------|--------------------|-------|---------|
| TO-04 | Sphalerite | | 1 | 2 | |
| | | Zn | 65.9 | 67.9 | 66.9 |
| | | Fe | 0.8 | 1.0 | 0.9 |
| | | Cu | 0.3 | <0.1 | 0.2 |
| | | As | <0.1 | <0.1 | <0.1 |
| | Sb | <0.1 | 0.1 | <0.1 | |
| | S | 31.4 | 32.7 | 32.1 | |
| | Total | 98.4 | 101.7 | 100.1 | |
| | Witherite | | 3 | 4 | |
| | | BaO | 75.6 | 74.9 | 75.3 |
| CaO | | 0.2 | <0.1 | 0.1 | |
| SrO | | 0.7 | 1.5 | 1.1 | |
| FeO | | <0.1 | <0.1 | <0.1 | |
| Total | 76.5 | 76.4 | 76.5 | | |
| Baryto-calcite | | 5 | 6 | | |
| | BaO | 48.5 | 48.6 | 48.6 | |
| | CaO | 15.2 | 14.7 | 15.0 | |
| | SrO | 1.8 | 1.9 | 1.9 | |
| | FeO | <0.1 | <0.1 | <0.1 | |
| Total | 65.5 | 65.2 | 65.5 | | |



Sample No.; KN-05
 Locality; Kinangoni
 Rock type; Galena ore
 Mineral name;
 Pyrite: 1 . 2
 Galena veinlet

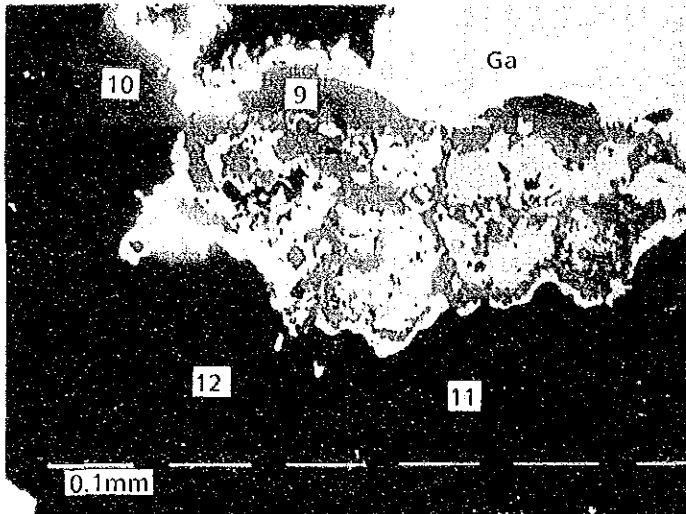


Sample No.; KN-05
 Locality; Kinangoni
 Rock type; Galena ore
 Mineral name;
 Tetrahedrite: 3 . 4 . 5
 Galena

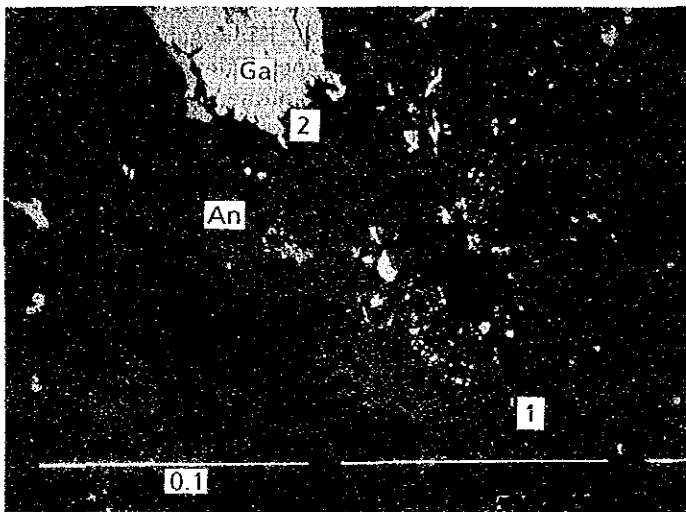


Sample No.; KN-05
 Locality; Kinangoni
 Rock type; Galena ore
 Mineral name;
 Stromeyerite: 6 . 7 . 8
 Galena

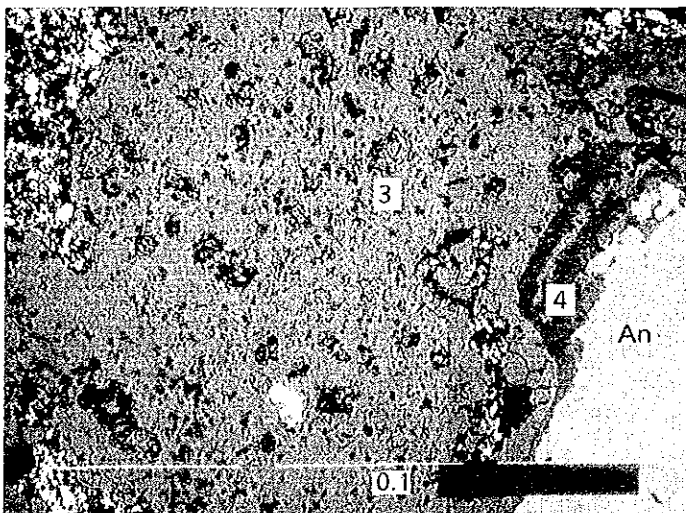
SEM Images of Minerals (EPMA)



Sample No.; KN-05
 Locality; Kinangoni
 Rock type; Galena ore
 Mineral name;
 Sphalerite: 9 . 10
 Chalcopyrite: 11 . 12
 Galena

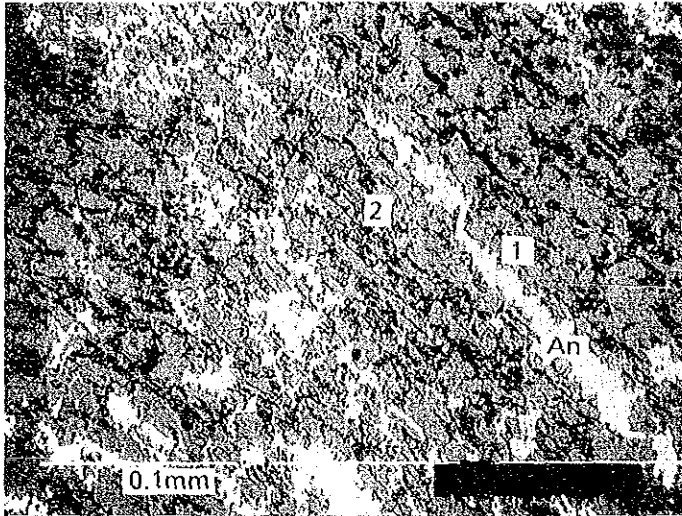


Sample No.; KN-10
 Locality; Kinangoni
 Rock type; Galena-Anglesite vein
 Mineral name;
 Covellite: 1 . 2
 Galena
 Anglesite

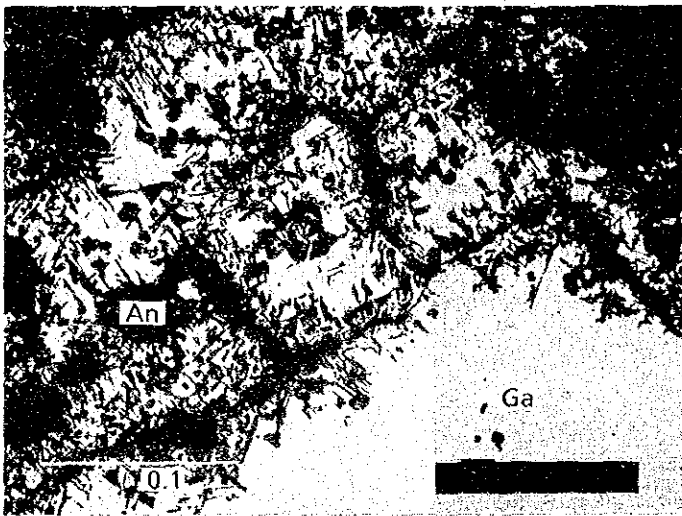


Sample No.; KN-10
 Locality; Kinangoni
 Rock type; Galena-Anglesite vein
 Mineral name;
 Goethite-Jarosite
 aggregate: 3 . 4
 Anglesite

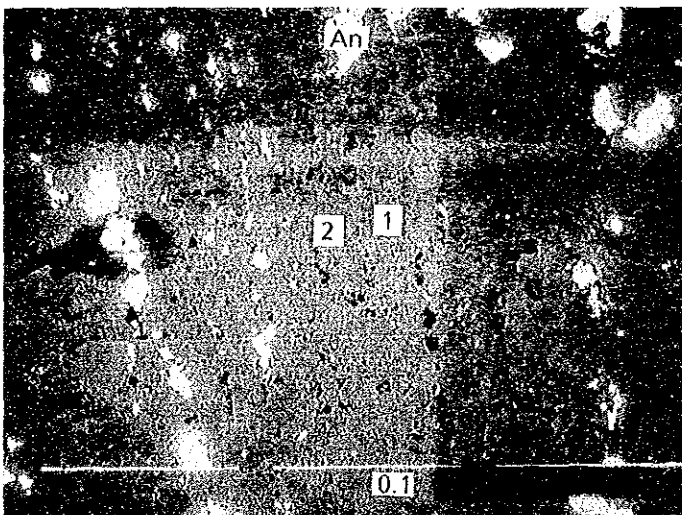
SEM Images of Minerals (EPMA)



Sample No.; KN-27
 Locality; Kinangoni
 Rock type; Ga-An-Py-Mal-Qtz vein
 Mineral name;
 Pyrite: 1 . 2
 Anglesite

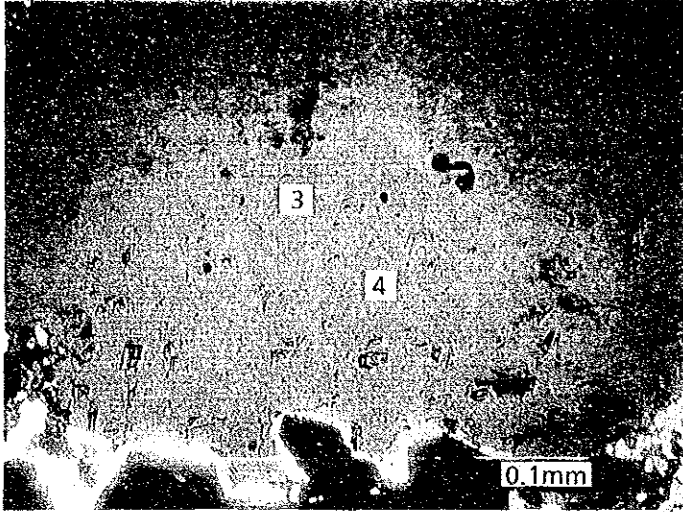


Sample No.; KN-27
 Locality; Kinangoni
 Rock type; Ga-An-Py-Mal-Qtz vein
 Mineral name;
 Chalcopyrite: 3 . 4
 Galena
 Anglesite

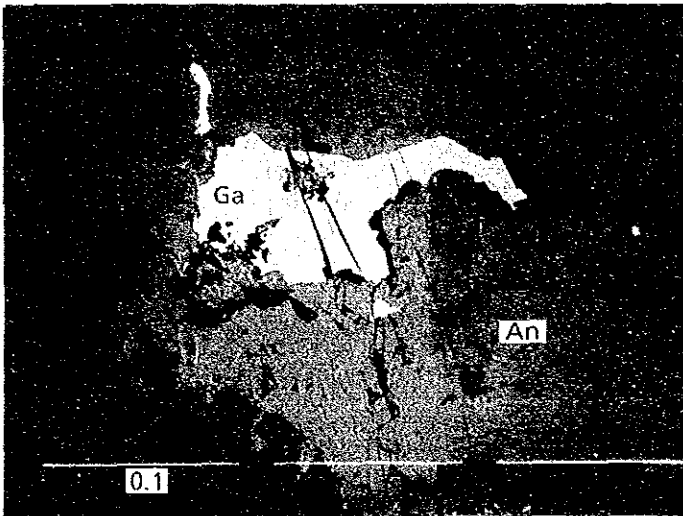


Sample No.; KN-34B
 Locality; Kinangoni
 Rock type; Sphalerite-Barite vein
 Mineral name;
 Pyrite: 1 . 2
 Anglesite

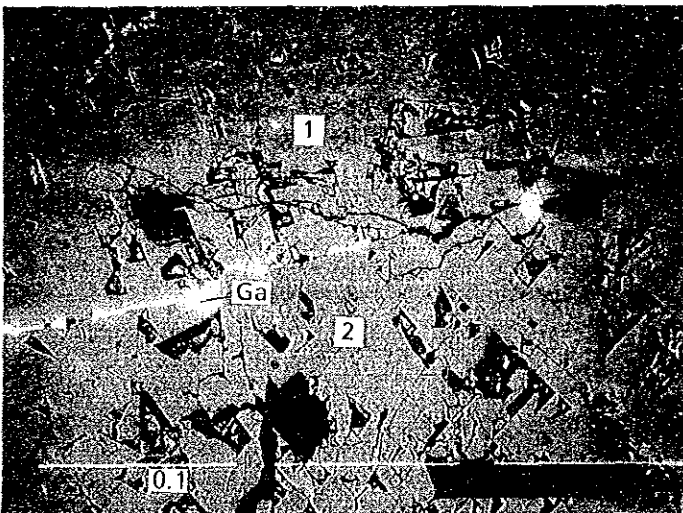
SEM Images of Minerals (EPMA)



Sample No.; KN-34B
 Locality; Kinangoni
 Rock type; Sphalerite-Barite vein
 Mineral name;
 Sphalerite: 3 . 4

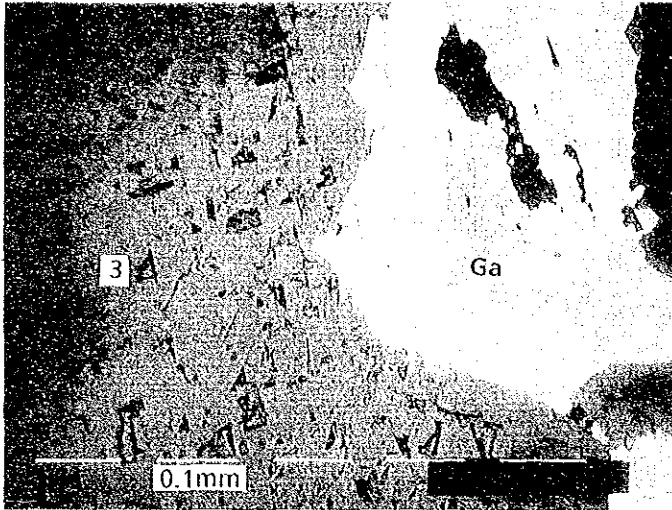


Sample No.; KN-34B
 Locality; Kinangoni
 Rock type; Sphalerite-Barite vein.
 Mineral name;
 Galena
 Anglesite

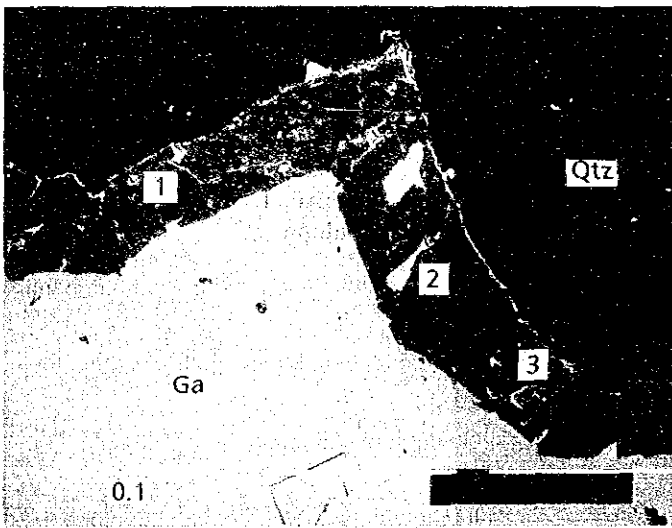


Sample No.; KN-34D
 Locality; Kinangoni
 Rock type; Sphalerite vein
 Mineral name;
 Sphalerite: 1 . 2
 Galena

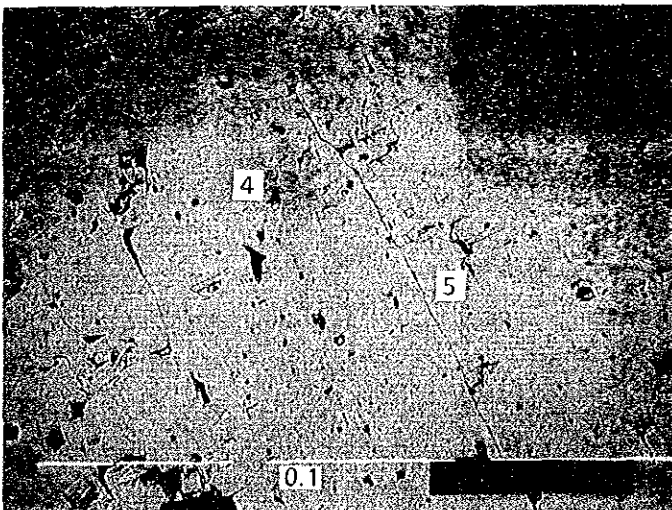
SEM Images of Minerals (EPMA)



Sample No.; KN-34D
 Locality; Kinangoni
 Rock type; Sphalerite vein
 Mineral name;
 Sphalerite: 3
 Galena

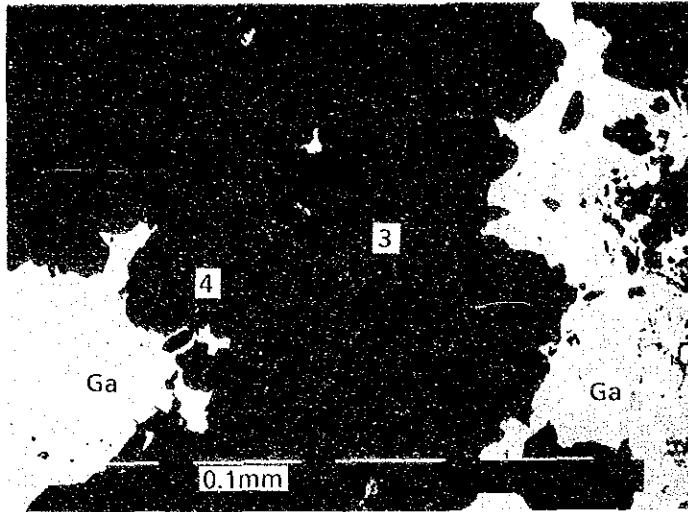


Sample No.; KN-35
 Locality; Kinangoni
 Rock type; Quartz vein with
 Galena and Barite
 Mineral name;
 Pyrite: 1 . 2 . 3
 Galena
 Quartz

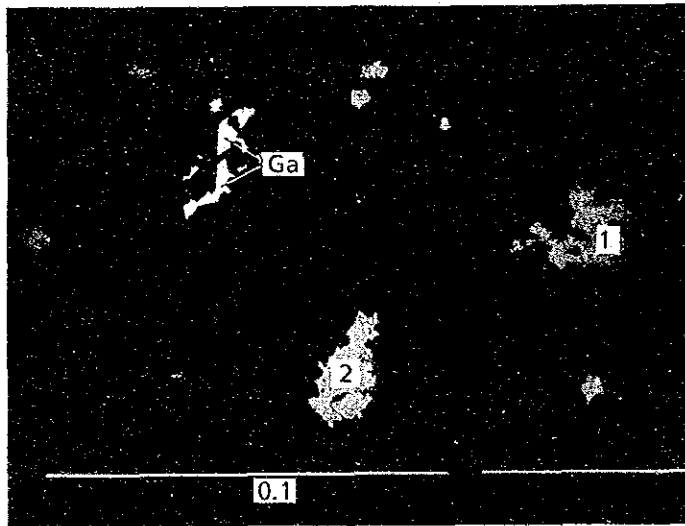


Sample No.; KN-35
 Locality; Kinangoni
 Rock type; Quartz vein with
 Galena and Barite
 Mineral name;
 Barite: 4 . 5

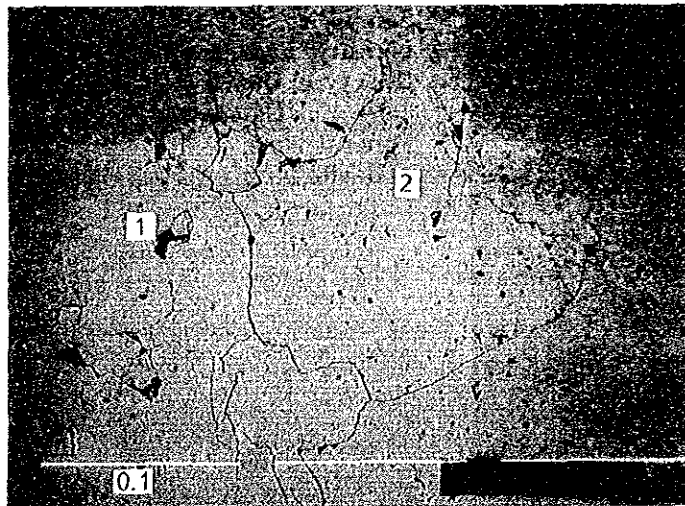
SEM Images of Minerals (EPMA)



Sample No.; VT-01
 Locality; Vitengeni
 Rock type; Quartz-Barite vein
 with Galena
 Mineral name;
 Sphalerite: 1 . 2
 Barite: 3 . 4
 Galena

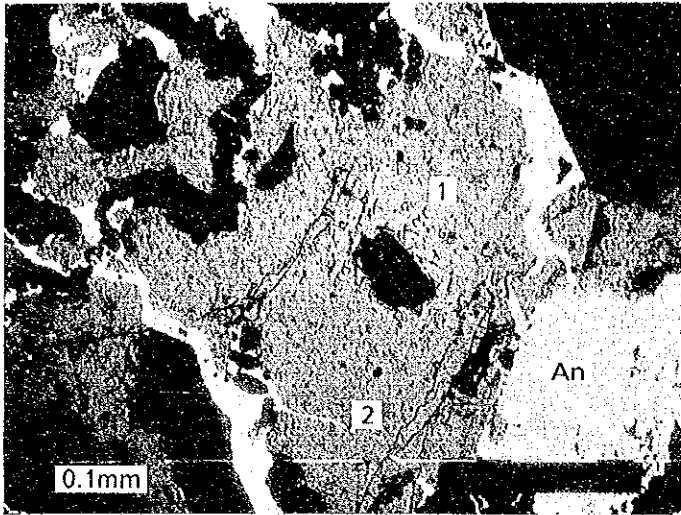


Sample No.; VT-06
 Locality; Vitengeni
 Rock type; Quartz-Barite vein
 with Galena and
 Sphalerite
 Mineral name;
 Barite: 1 . 2
 Galena

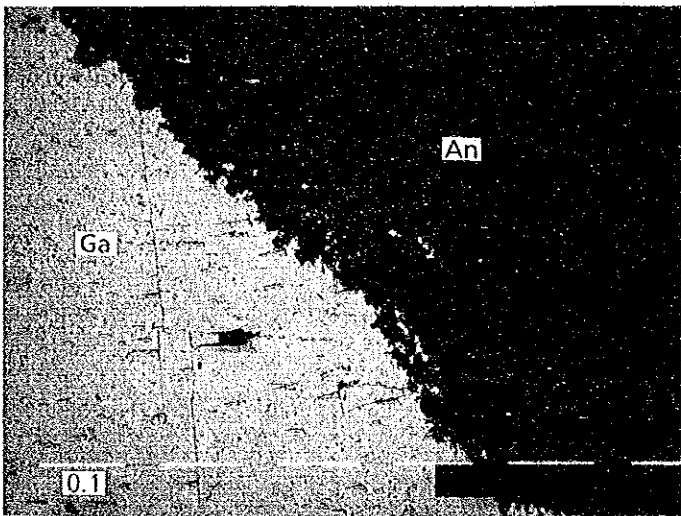


Sample No.; VT-10
 Locality; Vitengeni
 Rock type; Barite crystal
 Mineral name;
 Barite: 1 . 2

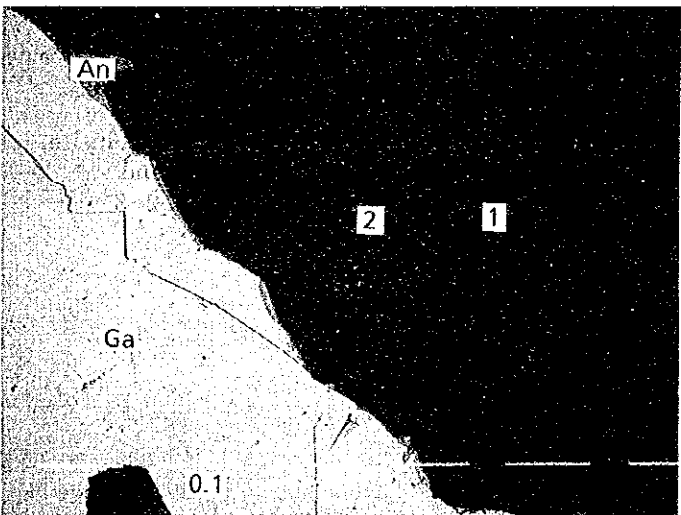
SEM Images of Minerals (EPMA)



Sample No.; VT-15
 Locality; Vitengeni
 Rock type; Galena-Barite ore
 Mineral name;
 Barite: 1, 2
 Anglesite

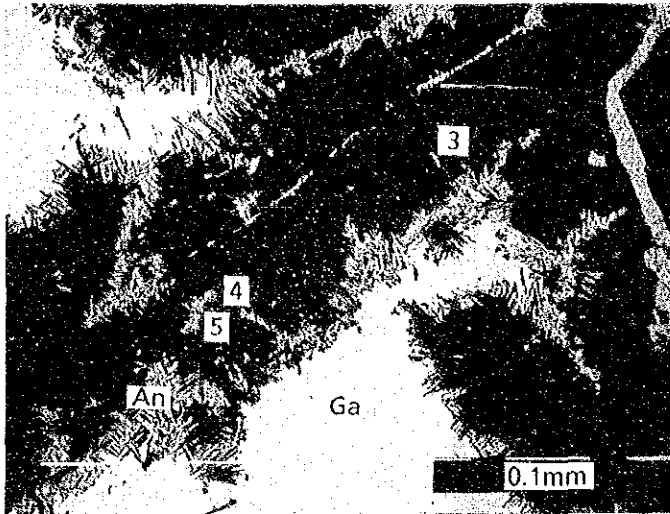


Sample No.; VT-15
 Locality; Vitengeni
 Rock type; Galena-Barite ore
 Mineral name;
 Galena
 Anglesite

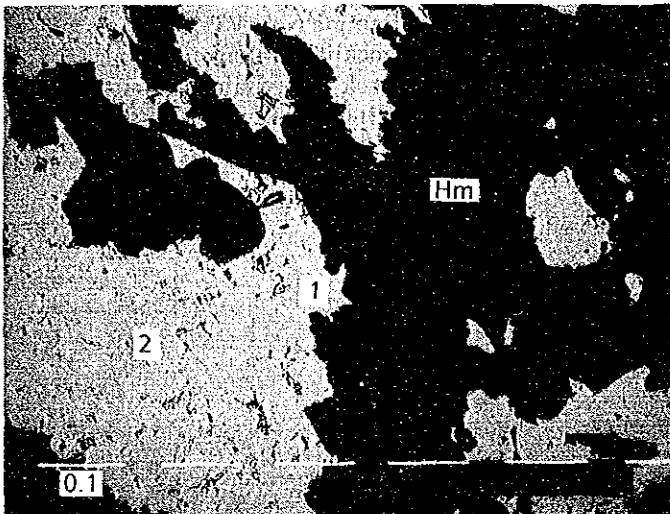


Sample No.; VT-16A
 Locality; Vitengeni
 Rock type; Galena-Barite ore
 Mineral name;
 Barite: 1, 2
 Galena
 Anglesite

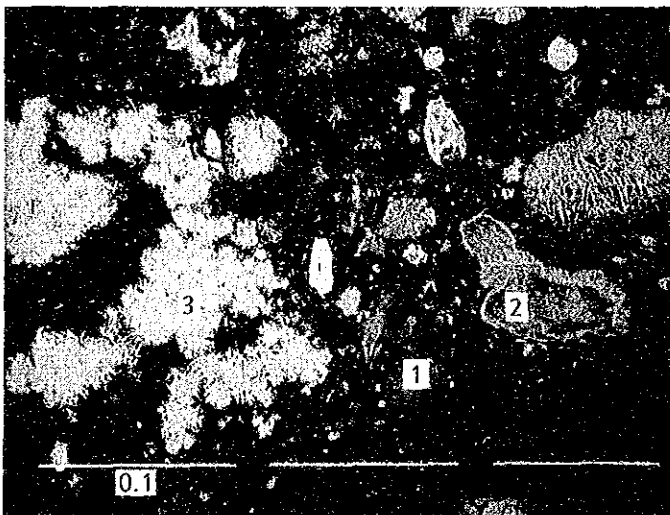
SEM Images of Minerals (EPMA)



Sample No.; VT-16A
 Locality; Vitengeni
 Rock type; Galena-Barite ore
 Mineral name;
 Covellite: 3 . 4. 5
 Galena
 Anglesite

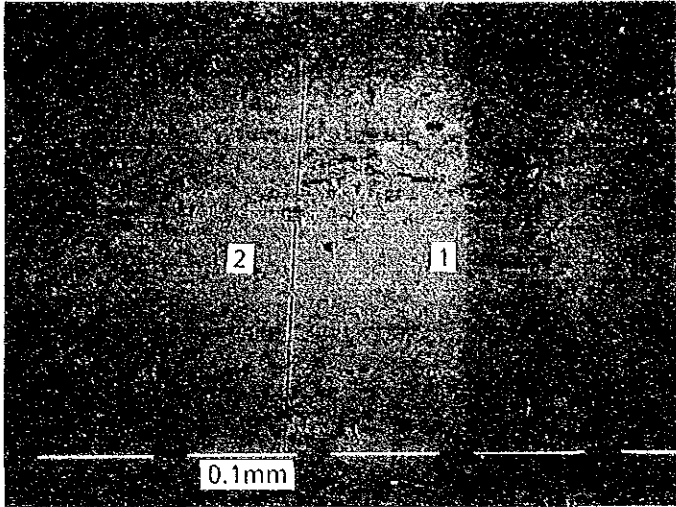


Sample No.; JA-08
 Locality; Jaribuni
 Rock type; Pyrite-Hematite ore
 Mineral name;
 Pyrite: 1 . 2
 Hematite

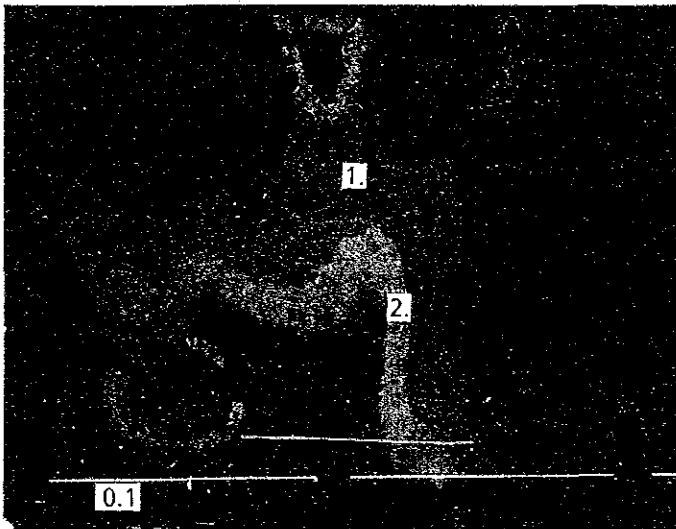


Sample No.; TO-09
 Locality; Kiwara
 Rock type; Mn-oxide nodule
 Mineral name;
 Aggregates of Pyrolusite,
 Cryptomelane and
 Hollandite: 1 . 2 . 3

SEM Images of Minerals (EPMA)



Sample No.; GO-03
 Locality; Goshi
 Rock type; Barite crystal
 Mineral name;
 Barite: 1 . 2

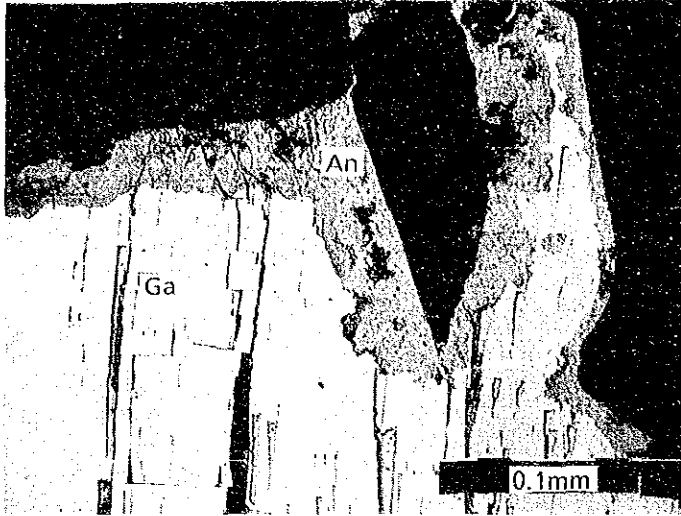


Sample No.; CH-04
 Locality; Changómbe
 Rock type; Limonitic gossan
 Mineral name;
 1. Goethite
 2. Hematite

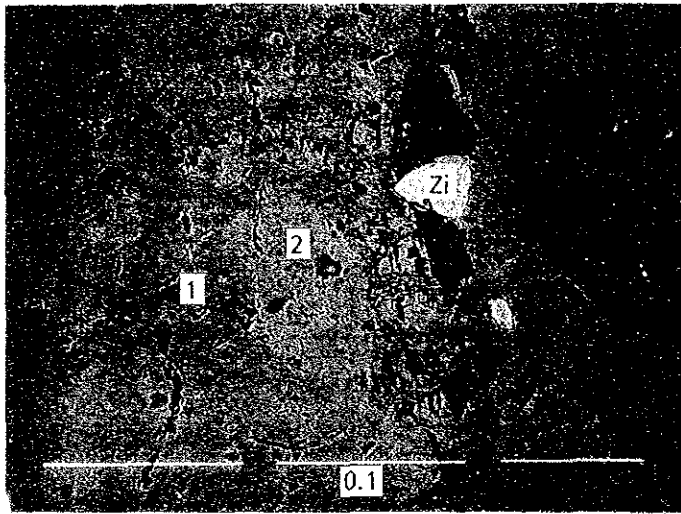


Sample No.; MW-02
 Locality; Mwachi River
 Rock type; Calcite vein with
 Sphalerite, Pyrite and
 Galena
 Mineral name;
 Sphalerite: 1 . 2
 Pyrite: 3 . 4

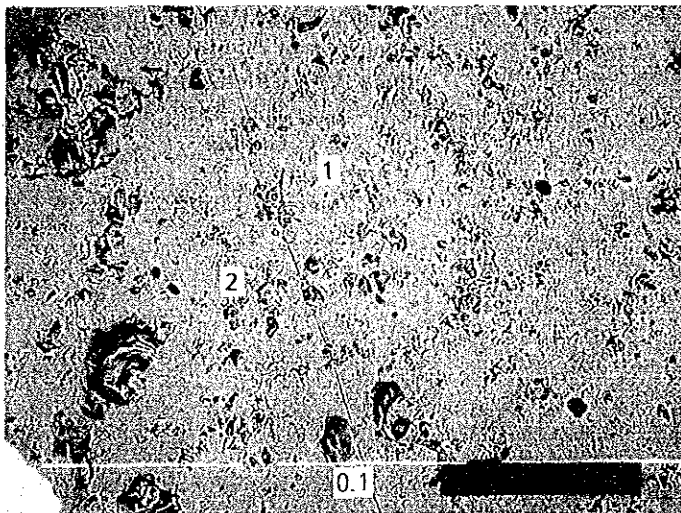
SEM Images of Minerals (EPMA)



Sample No.; MK-17
 Locality; Mkundi
 Rock type; Quartz vein with
 Galena
 Mineral name;
 Galena
 Anglesite

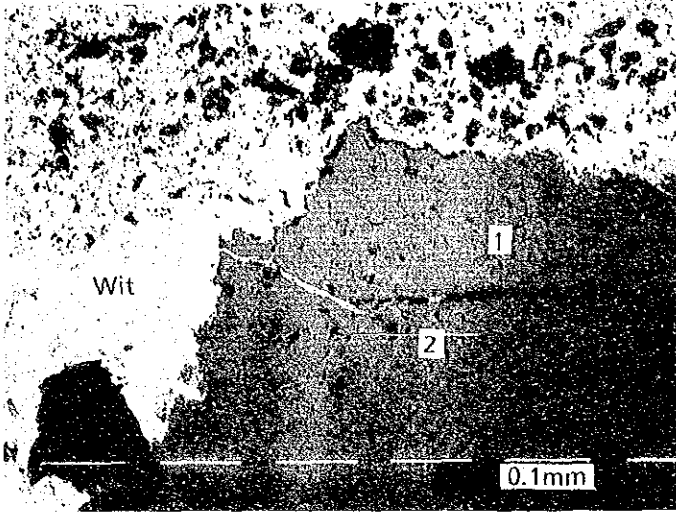


Sample No.; MK-22
 Locality; Mkundi
 Rock type; Black sooty Pyrite of
 hot spring
 Mineral name;
 Pyrite: 1 . 2



Sample No.; TO-01
 Locality; Lunga-lunga
 Rock type; Barite crystal
 Mineral name;
 Witherite: 1 . 2

SEM Images of Minerals (EPMA)



Sample No.; TO-04
Locality; Lunga-lunga
Rock type; Ba-Sph-Ga vein
Mineral name;
Sphalerite: 1 . 2
Witherite



Sample No.; TO-04
Locality; Lunga-lunga
Rock type; Ba-Sph-Ga vein
Mineral name;
Witherite: 3 . 4
Barytocalcite: 5 . 6
Galena

Appendix - V

X-RAY DIFFRACTION ANALYSIS

Summary of X-ray Diffraction (1)

| Sample No. | Location | Qtz | Fel | Bar | Ca | Ak | Ka | Al | Mi | Py | Ga | Moz | An | Gor | Ce | Goe | Hm | Plu | To | Pyr |
|------------|------------------------------------|-----|-----|-----|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|-----|----|-----|
| MR-01 | Mrima Hill No. 1 sampling point | | | ○ | | | | | | | | | - | △ | | △ | | | | |
| MR-06 | Mrima Hill No. 1 sampling point | | | ⊙ | | | | | | | | ○ | ? | - | | △ | | | | |
| MR-07 | Mrima Hill No. 1 sampling point | | | △ | | | ○ | | | | | | | △ | | △ | | | | |
| MR-16 | Mrima Hill No. 2 sampling point | | | ○ | | | | | | | | ○ | | | | △ | | | | |
| MR-19 | Mrima Hill No. 3 sampling point | | | | | | | | | | | | | ○ | | ○ | | | | |
| MR-24 | Mrima Hill No. 3 sampling point | | | | | | | | ○ | | | | | △ | | ○ | | | | |
| KN-06 | Kinangoni Hanging wall, pit | | | | | | ○ | | ○ | | | | | | | △ | | | | |
| KN-07 | Kinangoni pit, bottom | | | | | | | | | | | | | | | | | | | |
| KN-17 | Kinangoni trench on the hill | | | | | | | △ | △ | | | | | | | | | | | △ |
| KN-22 | Kinangoni transported gossan | | | | | | | | | | | | | | | | | | | |
| KN-30 | Kinangoni pit, 140ML | | | | | | | △ | | | | | | | | | | | | |
| KN-31 | Kinangoni pit, 140ML | | | | | | | | | | | | | | | | | | | |
| VT-02 | Vitengeni alt. country rock | | | | | | | | | ○ | | | | | | | | | | |
| VT-16B | Vitengeni stock pile | | | | | | | | | | | | | | | | | | | |
| VT-17 | Vitengeni stock pile | | | | | | | | | | | | | | | | | | | |
| VT-19 | Vitengeni stock pile | | | | | | | | | | | | | | | | | | | |

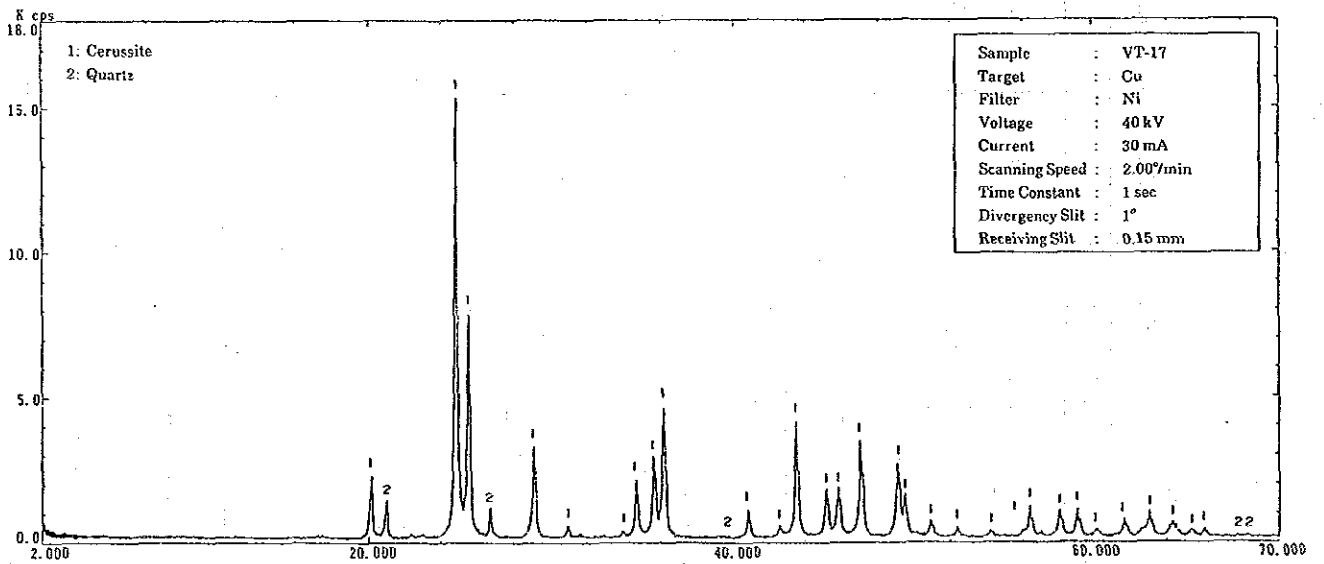
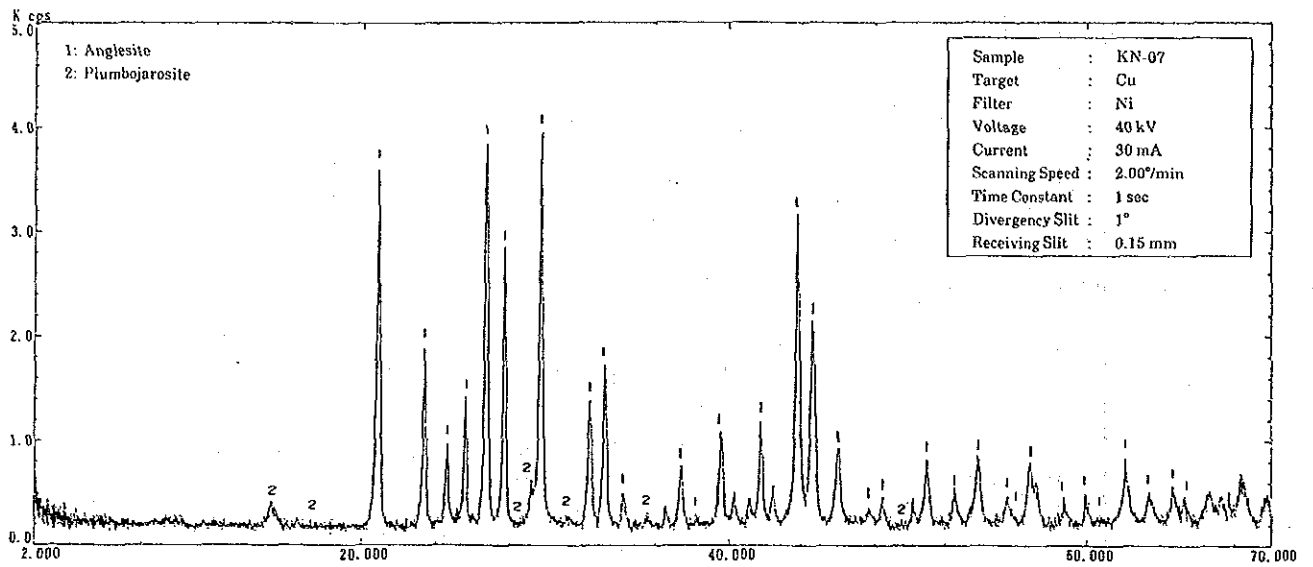
Qtz: quartz
 Al: alurite
 Gor: goebsite
 Pyr: pyroclucite
 Fel: feldspar groupe
 Mi: mica groupe
 Ce: cerussite
 Bar: barite
 Py: pyrite
 Goe: goethite
 Ca: calcite
 Ga: galena
 Hm: hematite
 Ak: ankerite
 Moz: monazite
 Plu: plumbojarosite
 Ka: kaolinite
 An: anglesite
 To: todorokite

⊙ : abundant
 ○ : common
 △ : minor
 - : rare

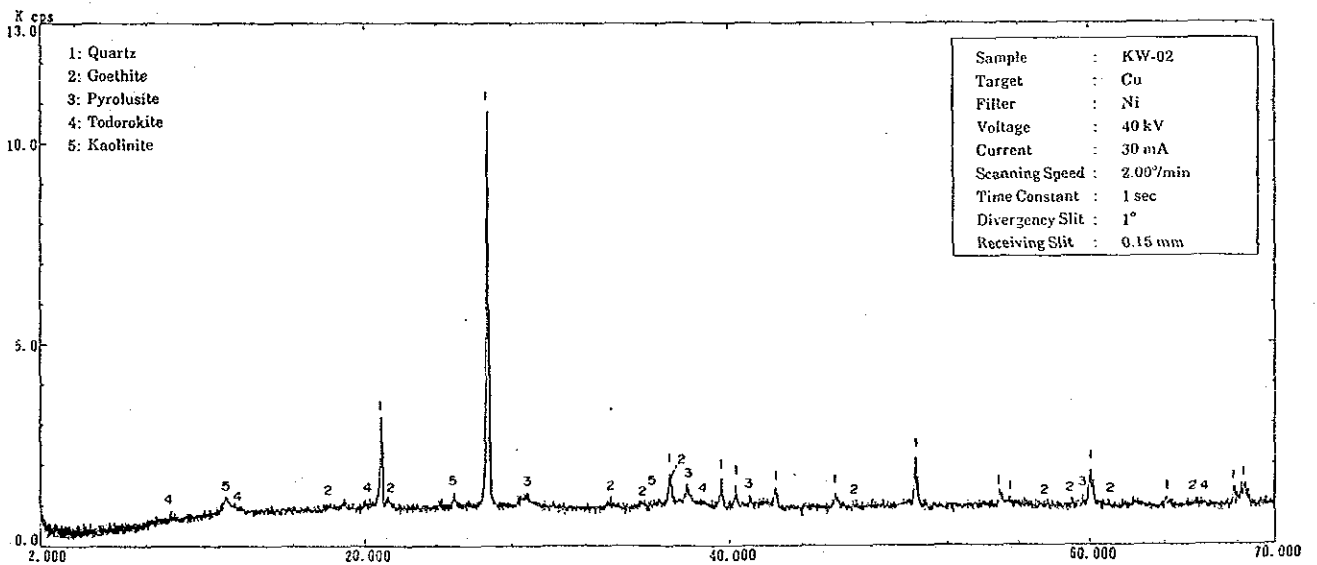
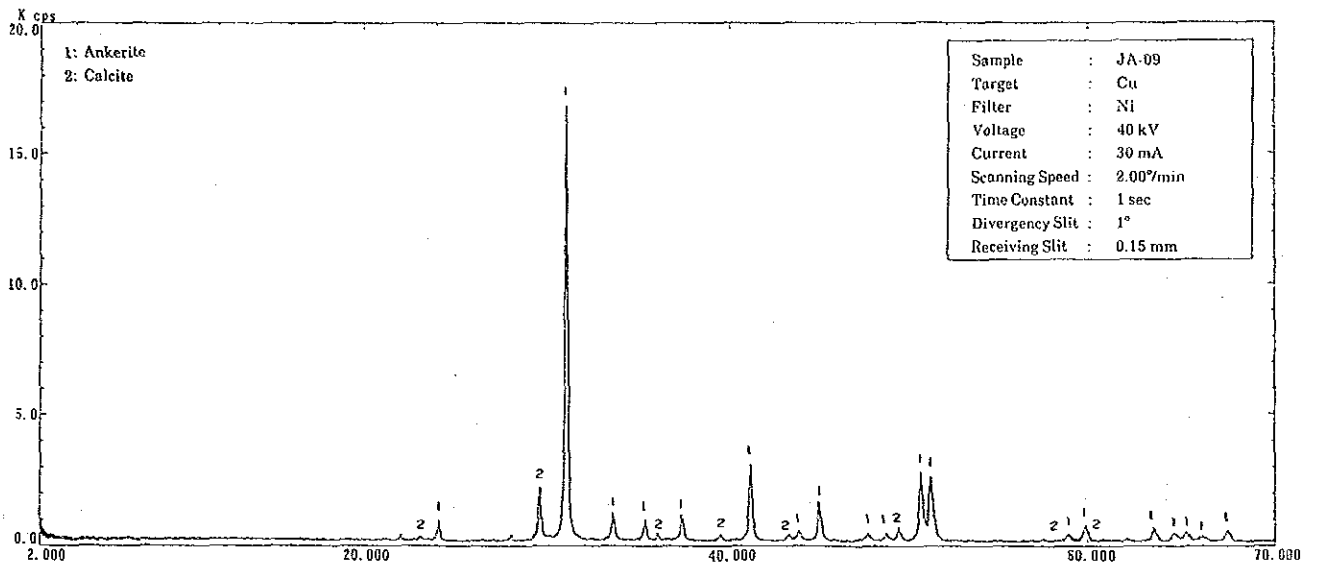
Summary of X-ray Diffraction (2)

| Sample No. | Location | Qtz | Fel | Bar | Ca | Ak | Ka | Al | Mi | Py | Ga | Moz | An | Gor | Ce | Goe | Hm | Plu | To | Pyr |
|------------|-------------------------------------|-----|-----|-----|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|-----|----|-----|
| JA-01 | Jaribuni surface soil | ⊙ | | | | | - | | | | Δ | | | | | | | | | |
| JA-04 | Jaribuni middle depth | | | | | | | | | | | | | | | ⊙ | | | | |
| JA-09 | Jaribuni country rock | | | | ⊙ | ○ | | | | | | | | | | | | | | |
| KW-02 | Kiwarra Hill nodule type | ⊙ | | | | | | - | | | | | | | | Δ | | | - | Δ |
| GO-02 | Goshi sketched pit | | | ⊙ | | | | | | | | | | | | - | | | | |
| GO-06 | Goshi Qtz-Ba vein | ○ | | ○ | | | | | | | | | | | | Δ | | | | |
| CH-01 | Chang'ombe North Qtz vein net | ⊙ | | | | | | | ○ | | | | | | | | | | | |
| CH-04 | Chang'ombe North brownish gossan | ⊙ | | | | | | | - | | | | | | | Δ | | | ○ | |
| CH-10 | Chang'ombe South reddish brown soil | ⊙ | | | | | Δ | | Δ | | | | | | | Δ | | | | |
| MW-01B | Mwachi River southern showing | ⊙ | | | ⊙ | | | | ○ | | | | | | | | | | | |
| MW-08 | Mwachi River northern showing | | | | | | | | | | | | ○ | | | - | | Δ | | |
| MW-13 | Mwachi River Mazeras-Mombasa Road | ⊙ | | | ⊙ | | - | | | | | | ⊙ | | | - | | | | |
| MK-13 | Mkundi North altered Lampidyke | ○ | | | ○ | | | | - | | | | | | | | | | | |
| MK-18 | Mkundi South Hotspring scale | - | | | ⊙ | | | | | | | | | | | | | | | |
| MK-24 | Mkundi South Qtz vein net | ⊙ | ⊙ | | | | | | ○ | | | | | | | | | | | |
| MK-31 | Mkundi South thin vein in sst. | ○ | | | | | | | | | | | | | | ⊙ | | | | |

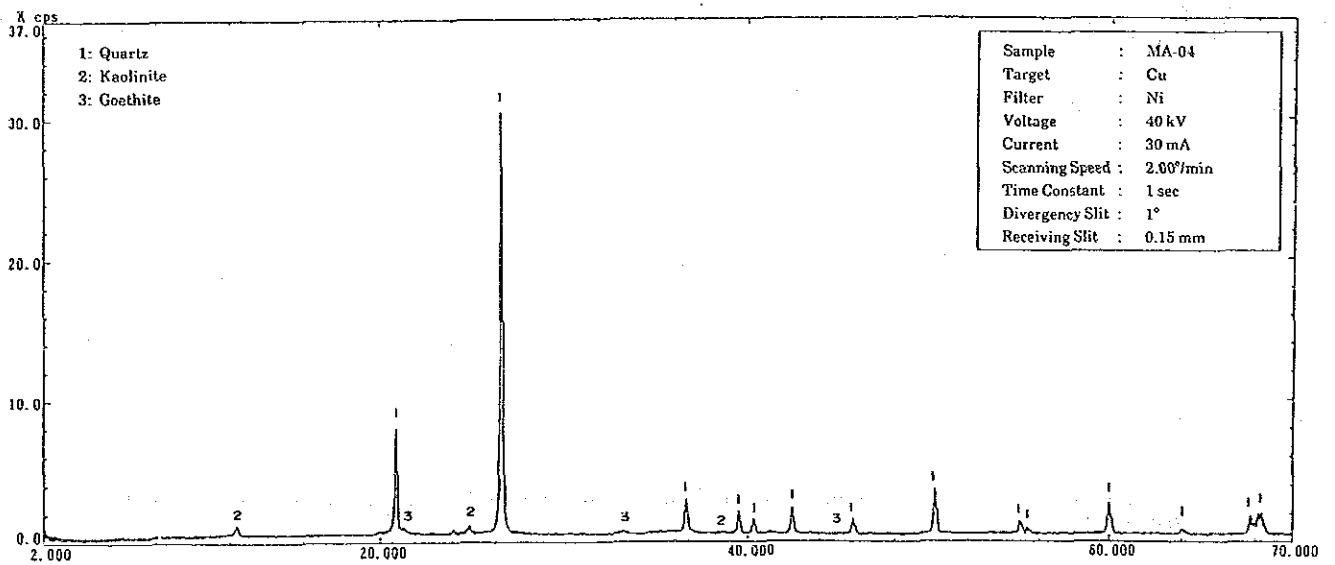
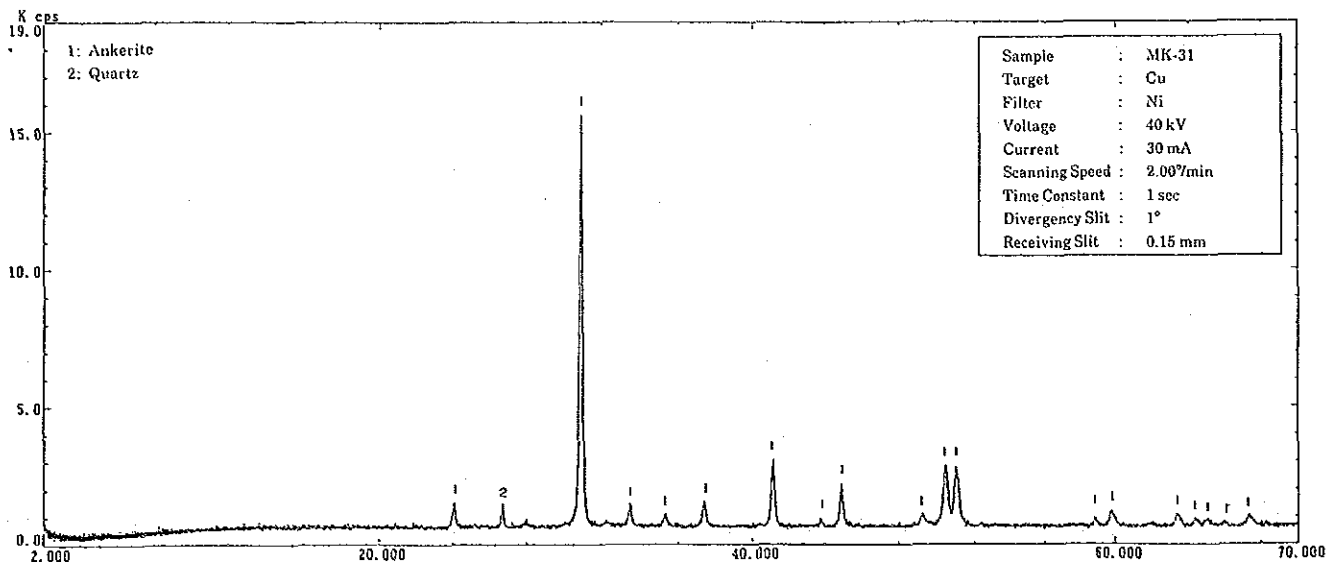
Qtz : quartz
 Al : alunite
 Gor : gorceixite
 Fel : feldspar groupe
 Mi : mica groupe
 Ce : cerussite
 Bar : barite
 Py : pyrite
 Gos : goethite
 Ca : calcite
 Ga : galena
 Hm : hematite
 Ak : ankerite
 Moz : monazite
 Plu : plumbogorsite
 Ka : kaolinite
 An : anglesite
 To : todorokite
 ⊙ : abundant
 ○ : common
 Δ : minor
 - : rare



X-ray Diffraction Charts



X-ray Diffraction Charts



X-ray Diffraction Charts

Appendix -VI

Pb-Pb AGE DATING

Results of Pb-Pb Age Dating

| Code No. | Sample No. | Area Name | Observation of Sample | Calculated Age (Ma) |
|----------|------------|-----------------------------------|--|---------------------|
| 1 | KN-05 | Kinangoni 140ML, pit bench | massive galena crystal in fault clay | 231.9 |
| 2 | KN-35 | Kinangoni 140ML, pit bench | galena-quartz vein in silicified sandstone | 239.7 |
| 3 | KN-41 | Kinangoni 170ML, underground | galena-anglesite vein in hanging wall | 240.7 |
| 4 | VT-03 | Vitengeni old mining pit | galena-chalcopyrite-(calcite)-quartz vein | 213.2 |
| 5 | VT-05 | Vitengeni old mining pit | float, massive galena | 231.9 |
| 6 | VT-24 | Vitengeni northern most pit | galena crystal in barite | 237.4 |
| 7 | MW-06 | Mwachi River northern most pit | galena-quartz-calcite vein | 229.7 |
| 8 | MW-09 | Mwachi River north showing | galena-(sphalerite)-(quartz)-calcite vein | 214.3 |
| 9 | MK-17 | Mkundi North showing | galena-(anglesite)-quartz vein | 170.1 |
| 10 | TO-03 | Lunga-Lunga old mining pit | galena-barite vein | 96.4 |
| 11 | MI-04 | Mwereni eastern | float, galena fragment | 160.9 |

The calculations are based on the assumption that they are single stage leads and using the following formula:

$$M = \left(\frac{207 \text{ pb} / 204 \text{ pb} - 10.294}{208 \text{ Pb} / 204 \text{ Pb} - 9.307} \right)$$

Appendix - VII

**WHOLE ROCK ANALYSIS OF SAMPLES
FROM THE MOMBASA AREA**

| Sample | GEOL. | Lon. | Lat. | SiO2 | TiO2 | Al2O3 | Fe2O3 | FeO | MnO | MgO | CaO | Na2O | K2O | P2O5 | BaO | LOI | TOTAL |
|---------|-------|-------|--------|-------|------|-------|-------|------|------|-------|-------|------|------|------|------|-------|--------|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| GO-009 | | 32784 | 392206 | 6.90 | 0.04 | 0.97 | 0.43 | 0.19 | 0.05 | 0.66 | 48.18 | 0.09 | 0.18 | 0.27 | 0.18 | 39.87 | 98.05 |
| KR-006 | Mk1 | 35617 | 393086 | 58.31 | 0.77 | 16.29 | 2.02 | 5.11 | 0.09 | 2.70 | 2.63 | 3.09 | 3.01 | 0.21 | 0.09 | 4.71 | 99.60 |
| KR-007 | Mk1 | 35617 | 393086 | 70.64 | 0.48 | 13.59 | 1.29 | 1.12 | 0.04 | 0.87 | 1.85 | 4.11 | 3.36 | 0.12 | 0.11 | 1.80 | 99.50 |
| KR-009 | Ig | 35820 | 393902 | 39.79 | 2.63 | 11.44 | 4.84 | 5.98 | 0.17 | 10.35 | 11.28 | 2.70 | 1.76 | 0.63 | 0.33 | 5.73 | 98.30 |
| KR-010 | MyCu | 34952 | 392098 | 73.40 | 0.30 | 11.78 | 0.59 | 0.80 | 0.06 | 0.58 | 3.05 | 5.54 | 1.12 | 0.13 | 0.03 | 2.84 | 100.30 |
| KR-013 | Tu | 34815 | 391388 | 74.06 | 0.32 | 10.73 | 1.59 | 0.40 | 0.01 | 0.90 | 0.58 | 3.19 | 3.02 | 0.09 | 1.74 | 2.62 | 99.29 |
| KR-014 | Tm | 34686 | 390697 | 63.85 | 0.46 | 13.78 | 0.64 | 2.75 | 0.08 | 1.68 | 3.10 | 4.96 | 2.53 | 0.09 | 0.08 | 3.58 | 97.88 |
| KR-017 | Ig | 42832 | 390769 | 48.93 | 2.06 | 17.51 | 5.71 | 2.08 | 0.21 | 1.88 | 4.82 | 6.89 | 2.07 | 0.46 | 0.07 | 6.05 | 98.97 |
| KR-018 | Ig | 42845 | 390706 | 43.39 | 2.49 | 16.54 | 4.85 | 2.93 | 0.21 | 2.52 | 8.03 | 6.91 | 4.12 | 0.47 | 0.13 | 5.26 | 98.17 |
| KR-020A | Ig | 42762 | 390796 | 63.33 | 0.45 | 18.84 | 2.27 | 0.14 | 0.05 | 0.23 | 0.39 | 7.25 | 5.01 | 0.06 | 0.11 | 0.97 | 99.11 |
| KR-020B | Ig | 42762 | 390796 | 54.18 | 2.34 | 19.72 | 7.44 | 0.38 | 0.28 | 1.06 | 1.15 | 6.14 | 4.13 | 0.45 | 0.13 | 2.81 | 100.20 |
| KR-020C | Ig | 42762 | 390796 | 57.71 | 0.64 | 20.37 | 1.60 | 1.50 | 0.15 | 0.63 | 2.96 | 7.77 | 5.04 | 0.10 | 0.07 | 1.09 | 99.80 |
| KR-021 | Ig | 42600 | 390800 | 47.73 | 2.16 | 18.06 | 3.88 | 3.12 | 0.17 | 2.76 | 6.53 | 6.16 | 3.98 | 0.36 | 0.12 | 4.04 | 99.43 |
| KR-022 | Ig | 42524 | 390778 | 44.35 | 2.70 | 15.50 | 4.80 | 4.17 | 0.18 | 5.19 | 8.83 | 5.02 | 3.23 | 0.56 | 0.08 | 3.77 | 98.83 |
| KR-023 | Ig | 42448 | 390755 | 42.35 | 3.42 | 16.39 | 5.50 | 3.55 | 0.23 | 3.89 | 8.26 | 6.98 | 1.63 | 0.66 | 0.14 | 5.71 | 99.10 |
| KR-025 | Ig | 42682 | 391246 | 46.27 | 2.85 | 16.22 | 3.70 | 5.64 | 0.21 | 3.68 | 8.46 | 5.81 | 3.30 | 0.75 | 0.14 | 1.12 | 98.76 |
| KR-026 | Ig | 42722 | 391246 | 44.43 | 3.19 | 14.89 | 3.63 | 7.54 | 0.21 | 5.48 | 9.81 | 4.70 | 2.28 | 0.83 | 0.07 | 0.86 | 98.55 |
| KR-027 | Ig | 42754 | 391021 | 62.42 | 0.62 | 18.82 | 1.84 | 1.39 | 0.07 | 0.44 | 1.88 | 6.42 | 6.43 | 0.08 | 0.07 | 0.65 | 101.30 |
| KR-028 | Ig | 42731 | 391120 | 57.28 | 1.15 | 18.09 | 2.59 | 3.03 | 0.12 | 1.32 | 3.50 | 6.18 | 5.00 | 0.22 | 0.09 | 1.15 | 100.05 |
| KR-030 | Ig | 42642 | 392021 | 46.49 | 1.53 | 19.82 | 5.41 | 1.37 | 0.26 | 1.12 | 4.78 | 9.85 | 5.73 | 0.21 | 0.22 | 2.46 | 99.40 |

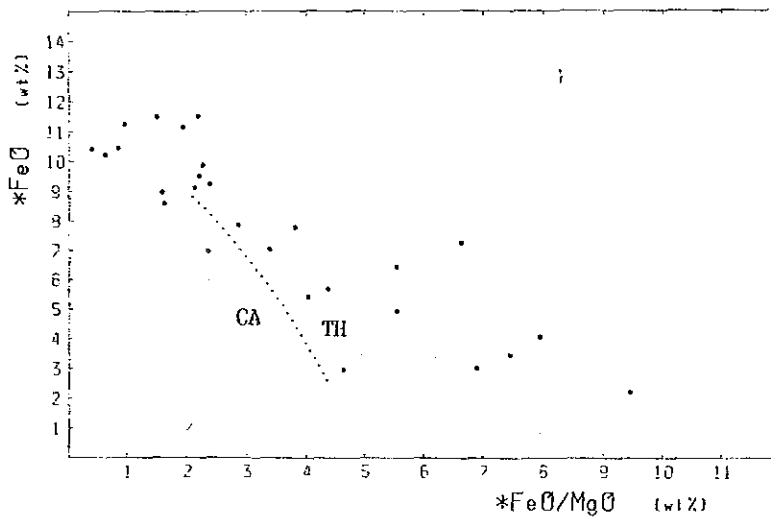
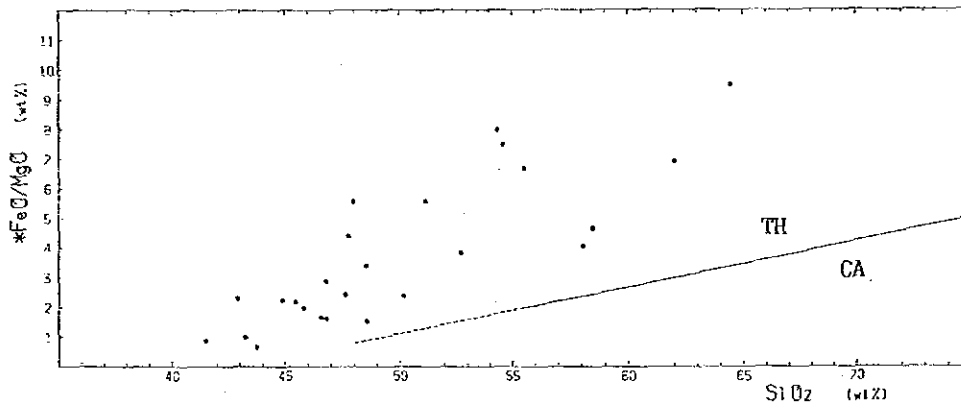
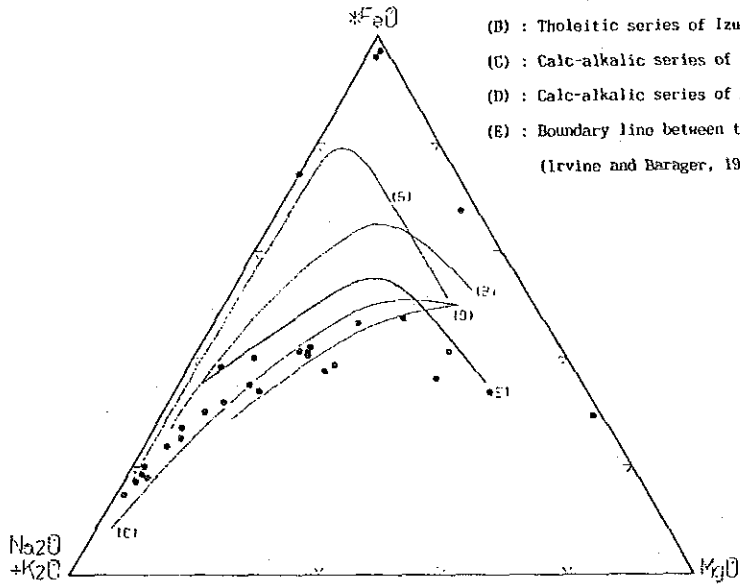
| Sample | Lon. | Lat. | SiO2 | TiO2 | Al2O3 | Fe2O3 | FeO | MnO | MgO | CaO | Na2O | K2O | P2O5 | BaO | LOI | TOTAL |
|---------|------|-------|--------|-------|-------|-------|-------|------|------|-------|-------|-------|------|------|------|--------|
| | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| KR-031 | Ig | 42549 | 391148 | 53.16 | 0.56 | 21.35 | 3.14 | 0.54 | 0.12 | 0.45 | 1.98 | 10.96 | 4.74 | 0.10 | 0.15 | 98.25 |
| KR-032 | Ig | 42590 | 391280 | 49.69 | 1.18 | 20.81 | 3.36 | 1.77 | 0.18 | 0.86 | 3.89 | 9.31 | 5.25 | 0.18 | 0.51 | 98.20 |
| KR-033 | Ig | 42553 | 391260 | 53.19 | 0.61 | 21.03 | 3.28 | 1.04 | 0.16 | 0.50 | 2.32 | 10.66 | 4.80 | 0.07 | 0.13 | 98.87 |
| KR-034 | Ig | 42500 | 391244 | 47.01 | 2.35 | 18.65 | 3.68 | 3.50 | 0.19 | 2.00 | 6.25 | 8.26 | 4.27 | 0.38 | 0.17 | 97.83 |
| KR-039 | Ig | 42840 | 391536 | 20.96 | 4.69 | 22.57 | 25.90 | 0.17 | 1.06 | 0.57 | 0.34 | 0.08 | 0.05 | 2.73 | 1.84 | 93.08 |
| KR-101 | Ig | 42899 | 391513 | 3.68 | 0.58 | 0.73 | 7.81 | 0.20 | 1.57 | 3.24 | 37.26 | 0.20 | 0.05 | 4.88 | 2.49 | 93.87 |
| KR-102A | Ig | 42813 | 391547 | 3.17 | 0.18 | 0.85 | 1.59 | 4.02 | 2.48 | 13.07 | 22.70 | 0.11 | 0.05 | 0.13 | 3.93 | 90.00 |
| KR-104 | Ig | 42529 | 390549 | 43.04 | 2.49 | 15.48 | 4.50 | 3.88 | 0.24 | 4.78 | 8.68 | 5.21 | 3.18 | 0.50 | 0.29 | 97.57 |
| KR-106 | Ig | 30594 | 394938 | 42.41 | 2.00 | 10.91 | 3.33 | 6.88 | 0.18 | 15.10 | 10.91 | 2.80 | 1.56 | 0.63 | 0.12 | 98.60 |
| KR-109 | Ig | 42784 | 391735 | 59.70 | 1.53 | 6.62 | 14.14 | 0.23 | 3.25 | 0.29 | 0.45 | 0.12 | 0.12 | 0.78 | 3.84 | 97.49 |
| MD-008 | K | 31082 | 394611 | 4.34 | 0.03 | 0.67 | 0.09 | 0.19 | 0.06 | 0.72 | 49.84 | 0.09 | 0.16 | 0.03 | 0.01 | 97.28 |
| MK-001 | Ig | 42287 | 391536 | 38.80 | 2.86 | 15.35 | 6.04 | 3.47 | 0.25 | 3.85 | 10.25 | 4.86 | 3.60 | 0.84 | 0.14 | 98.26 |
| MK-026 | Ig | 42320 | 391530 | 41.74 | 3.08 | 16.46 | 5.60 | 3.81 | 0.18 | 3.92 | 8.32 | 6.50 | 2.26 | 0.78 | 0.19 | 98.30 |
| MR-106 | Ig | 42872 | 391493 | 37.75 | 1.60 | 9.26 | 23.96 | 1.52 | 0.01 | 0.16 | 2.29 | 0.80 | 7.08 | 2.54 | 0.27 | 97.56 |
| MR-111 | Ig | 42573 | 391174 | 46.60 | 1.67 | 21.21 | 3.83 | 2.10 | 0.20 | 1.26 | 4.96 | 10.46 | 4.68 | 0.26 | 0.24 | 98.35 |
| MR-113 | Ig | 42445 | 391516 | 39.16 | 1.47 | 7.37 | 3.74 | 5.88 | 0.23 | 6.00 | 10.42 | 1.83 | 2.49 | 1.83 | 0.09 | 98.33 |
| SH-005 | K | 35054 | 393754 | 37.59 | 1.37 | 8.60 | 0.86 | 0.68 | 0.50 | 0.51 | 24.44 | 1.59 | 2.83 | 0.54 | 0.05 | 98.77 |
| SH-013 | M21 | 33278 | 393523 | 81.74 | 1.37 | 6.88 | 1.69 | 1.45 | 0.16 | 0.60 | 1.73 | 2.00 | 1.58 | 0.14 | 0.04 | 100.80 |
| SH-028 | Tu | 34875 | 391861 | 64.44 | 0.54 | 12.74 | 3.04 | 0.79 | 0.05 | 2.32 | 1.90 | 2.28 | 4.36 | 0.15 | 0.05 | 98.16 |
| SH-034 | Ig | 42905 | 390772 | 34.80 | 2.98 | 9.77 | 2.68 | 6.34 | 0.16 | 10.03 | 10.70 | 2.47 | 2.97 | 0.75 | 0.10 | 97.98 |

Appendix -VIII

TREND IN AFM DIAGRAM, RELATION
BETWEEN FeO/MgO RATIO AND SiO₂ CONTENT,
AND RELATION BETWEEN FeO CONTENT
AND FeO/MgO RATIO IN THE IGNEOUS ROCKS
FROM THE MOMBASA AREA

Trend lines:

- (A) : Skaergaard
- (B) : Tholeiitic series of Izu-Hakone volcanoes
- (C) : Calc-alkalic series of Izu-Hakone volcanoes
- (D) : Calc-alkalic series of Anagi (Kuno, 1968)
- (E) : Boundary line between tholeiitic and calc-alkalic series (Irvine and Barager, 1971)



Appendix-1

Appendix -IX

**CHEMICAL ANALYSIS OF ORE SAMPLES
FROM THE MINERAL SHOWINGS**

| Sample | Lon. | Lat. | Ce % | Eu % | La % | Lu ppm | Nd % | Sm % | Tb ppm | Th ppm | U ppm | Yb ppm | Sr ppm | Nb ppm | Y ppm |
|--------|-------|--------|---------|---------|---------|-----------|---------|---------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| MR-01 | 42924 | 391514 | 2.11 | 0.019 | 1.71 | 5.6 | 0.55 | 0.090 | 70.6 | 1150 | 22 | 49.0 | 2800 | 4170 | 670 |
| MR-02 | 42924 | 391514 | 2.56 | 0.025 | 1.80 | 9.3 | 0.81 | 0.140 | 280 | 1275 | 20 | 85.0 | 7600 | 4870 | 1550 |
| MR-03 | 42924 | 391514 | 2.21 | 0.032 | 1.61 | 7.4 | 0.75 | 0.130 | 87.6 | 1550 | 22 | 67.7 | 6800 | 4310 | 1210 |
| MR-04 | 42924 | 391514 | 2.66 | 0.036 | 1.81 | 12.6 | 0.93 | 0.150 | 340 | 1150 | 21 | 114.5 | 6800 | 6270 | 1530 |
| MR-05 | 42924 | 391514 | 1.60 | 0.024 | 1.47 | 48.4 | 0.39 | 0.090 | 88.5 | 1100 | 36 | 324 | 15700 | 3420 | 3800 |
| MR-06 | 42924 | 391514 | 5.84 | 0.062 | 4.40 | 96.1 | 1.54 | 0.240 | 880 | 2900 | 73 | 587 | 7200 | 8530 | 6900 |
| MR-07 | 42924 | 391514 | 1.01 | 0.012 | 0.68 | 7.5 | 0.32 | 0.040 | 25.2 | 875 | 18 | 46.3 | 4300 | 2490 | 750 |
| MR-08 | 42914 | 391578 | 2.74 | 0.042 | 1.90 | 9.6 | 1.00 | 0.170 | 370 | 1275 | 15 | 80.9 | 2800 | 2380 | 1340 |
| MR-09 | 42914 | 391578 | 1.86 | 0.037 | 1.70 | 7.2 | 0.88 | 0.150 | 290 | 1050 | 13 | 84.1 | 2600 | 2780 | 1200 |
| MR-10 | 42914 | 391578 | 2.84 | 0.037 | 2.26 | 8.0 | 1.04 | 0.180 | 330 | 625 | 11 | 38.5 | 1600 | 1980 | 1190 |
| MR-11 | 42914 | 391578 | 3.86 | 0.052 | 3.49 | 10.9 | 1.46 | 0.230 | 540 | 1050 | 9 | 71.3 | 1400 | 1290 | 1740 |
| MR-12 | 42914 | 391578 | 1.61 | 0.020 | 1.16 | 4.0 | 0.60 | 0.094 | 54.9 | 800 | 14 | 32.2 | 1900 | 1240 | 570 |
| MR-13 | 42914 | 391578 | 1.72 | 0.028 | 1.48 | 7.2 | 0.71 | 0.120 | 94.5 | 875 | 8 | 52.7 | 480 | 670 | 880 |
| MR-14 | 42914 | 391578 | 3.74 | 0.055 | 3.07 | 12.5 | 1.30 | 0.210 | 550 | 1700 | 12 | 77.5 | 1400 | 650 | 1870 |
| MR-15 | 42914 | 391578 | 4.85 | 0.092 | 4.19 | 15.4 | 1.95 | 0.330 | 930 | 1825 | 13 | 90.3 | 1900 | 3010 | 2800 |
| MR-16 | 42914 | 391578 | 6.51 | 0.076 | 5.97 | 18.7 | 1.83 | 0.290 | 960 | 1050 | 9 | 88.7 | 2500 | 710 | 3100 |
| MR-17 | 42914 | 391578 | 2.94 | 0.028 | 2.66 | 6.0 | 0.86 | 0.110 | 290 | 475 | 9 | 25.8 | 4300 | 5920 | 740 |
| MR-18 | 42886 | 391588 | 1.68 | 0.015 | 1.21 | 6.0 | 0.47 | 0.071 | 51.1 | 1125 | 30 | 36.3 | 6100 | 4370 | 770 |
| MR-19 | 42886 | 391588 | 3.07 | 0.017 | 1.70 | 8.2 | 0.61 | 0.083 | 54.1 | 2550 | 29 | 56.8 | 5200 | 4290 | 630 |
| MR-20 | 42886 | 391588 | 1.70 | 0.011 | 0.99 | 2.8 | 0.38 | 0.052 | 37.5 | 1275 | 22 | 31.2 | 10600 | 4740 | 600 |
| MR-21 | 42886 | 391588 | 2.01 | 0.013 | 1.30 | 3.0 | 0.52 | 0.064 | 45.6 | 2175 | 27 | 29.3 | 8900 | 7280 | 630 |
| MR-22 | 42886 | 391588 | 3.36 | 0.020 | 1.44 | 6.3 | 0.74 | 0.098 | 55.9 | 3425 | 29 | 52.4 | 3000 | 5870 | 810 |
| MR-23 | 42886 | 391588 | 2.24 | 0.011 | 0.94 | 5.6 | 0.49 | 0.060 | 33.9 | 2550 | 19 | 39.9 | 880 | 7220 | 570 |
| MR-24 | 42886 | 391588 | 1.99 | 0.011 | 1.34 | 2.3 | 0.54 | 0.062 | 33.2 | 2300 | 24 | 29.6 | 11200 | 7110 | 390 |
| MR-25 | 42869 | 391573 | 1.68 | 0.017 | 0.94 | 8.8 | 0.51 | 0.082 | 50.6 | 433 | 44 | 64.3 | 4400 | 6050 | 920 |
| MR-26 | 42869 | 391573 | 0.74 | 0.013 | 0.32 | 10.3 | 0.28 | 0.040 | 48.2 | 144 | 23 | 95.7 | 890 | 3480 | 910 |
| MR-27 | 42874 | 391514 | 0.79 | 0.009 | 0.51 | 25.8 | 0.20 | 0.034 | 72.9 | 363 | 66 | 193.5 | 4500 | 2630 | 1590 |
| MR-28 | 42886 | 391588 | *1325 | *24.0 | *1525 | 1.4 | *750 | *500 | 7.7 | 64 | 6 | 4.7 | 440 | 315 | 150 |
| MR-29 | 42874 | 391514 | *5550 | *23.5 | *4300 | 1.5 | 0.06 | *74.3 | 8.0 | 69 | 4 | 10.2 | 8800 | 360 | 115 |
| MR-30 | 42874 | 391514 | *4080 | *78.0 | *1850 | 1.9 | 0.10 | *222 | 24.4 | 56 | 22 | 19.0 | 4800 | 1130 | 280 |

| Sample | Au ppb | Pd ppb | Pt ppb | Ag g/tonne | Pb % | Zn % | S % | U ppm | Th ppm | Hg ppb | Ti % | V ppm | W ppm | Ni ppm | P ppm |
|--------|-----------|-----------|-----------|---------------|---------|---------|--------|----------|-----------|-----------|---------|----------|----------|-----------|----------|
| A-021 | 390581 | <2 | <5 | 1.0 | 0.22 | <0.01 | 0.065 | 0.6 | 3.0 | 1300 | 0.04 | 10 | <10 | 7 | 70 |
| A-022 | 390581 | <2 | <5 | 0.5 | 0.17 | <0.01 | 0.055 | 1.2 | 5.0 | 810 | 0.08 | 17 | <10 | 6 | 120 |
| A-028 | 394143 | <2 | <5 | 3.0 | 0.14 | 0.01 | 0.068 | 3.2 | 3.0 | 820 | 0.03 | <1 | <10 | 17 | 660 |
| CH-01 | 393608 | 2 | <5 | 17.5 | 0.05 | <0.01 | 0.030 | 1.6 | 8.0 | 5900 | 0.09 | 14 | <10 | 2 | 170 |
| CH-09 | 393604 | 2 | <5 | 2.5 | 0.15 | <0.01 | 0.063 | 0.6 | 4.0 | 3000 | 0.05 | 9 | <10 | 4 | 100 |
| GA-01 | 392777 | <2 | <5 | 0.5 | 0.02 | <0.01 | 13.80 | <0.2 | <1.0 | 330 | <0.01 | 1 | <10 | 3 | 10 |
| GO-07 | 394143 | <2 | <5 | 0.5 | 0.08 | 0.01 | 11.80 | 0.2 | <1.0 | 470 | <0.01 | <1 | <10 | 1 | 50 |
| JA-01 | 394430 | 2 | <5 | <0.5 | 0.01 | 0.01 | 0.044 | 2.2 | 10.0 | 130 | 0.30 | 60 | <10 | 34 | 400 |
| JA-02 | 394430 | 2 | <5 | 0.5 | 0.01 | 0.02 | 0.036 | 2.8 | 11.0 | 230 | 0.28 | 127 | <10 | 118 | 360 |
| JA-03 | 394430 | 2 | <5 | 1.0 | 0.08 | 0.01 | 0.304 | 1.6 | 5.0 | 660 | 0.11 | 163 | <10 | 51 | 230 |
| JA-04 | 394430 | <2 | <5 | 0.5 | 0.07 | 0.01 | 0.065 | 1.4 | 2.0 | 590 | 0.03 | 126 | <10 | 47 | 170 |
| JA-05 | 394430 | <2 | <5 | 0.5 | 0.08 | 0.01 | 0.050 | 2.0 | 1.0 | 800 | 0.05 | 157 | <10 | 33 | 260 |
| JA-07 | 394430 | <2 | <5 | 0.5 | 0.09 | <0.01 | 0.038 | 0.4 | <1.0 | 1900 | <0.01 | 32 | <10 | 17 | <10 |
| JA-11 | 394430 | 4 | <5 | <0.5 | 0.03 | 0.01 | 0.019 | 1.6 | 8.0 | 630 | 0.20 | 121 | <10 | 59 | 250 |
| KI-01 | 42893 | 2 | <5 | <0.5 | 0.01 | <0.01 | 13.40 | 1.2 | 1.0 | 140 | 0.01 | 6 | <10 | <1 | 20 |
| KW-03 | 393927 | 8 | <5 | 23.0 | 0.52 | 0.04 | 13.90 | <0.2 | <1.0 | 6100 | <0.01 | 1 | <10 | <1 | <10 |
| KW-01 | 394143 | <2 | <5 | <0.5 | 0.01 | <0.01 | 0.034 | 3.6 | 18.0 | 90 | 0.23 | 41 | <10 | 5 | 210 |
| KW-02 | 394143 | 2 | <5 | 0.5 | 0.17 | 0.03 | 0.236 | 3.8 | 45.0 | 650 | 0.17 | 130 | <10 | 9 | 380 |
| KW-03 | 394143 | <2 | <5 | 0.5 | 0.07 | 0.01 | 0.037 | 2.4 | 24.0 | 120 | 0.17 | 77 | <10 | 5 | 180 |
| MA-02 | 31644 | <2 | <5 | 0.5 | 0.03 | <0.01 | 0.038 | 1.0 | 5.0 | 900 | 0.09 | 22 | <10 | <1 | 300 |
| ME-01 | 42893 | <2 | <5 | <0.5 | 0.02 | 0.02 | 11.10 | 0.8 | 3.0 | 330 | 0.05 | 17 | <10 | 11 | 30 |
| MI-01 | 42012 | <2 | <5 | <0.5 | <0.01 | <0.01 | 13.70 | <0.2 | <1.0 | 40 | <0.01 | 2 | <10 | <1 | 10 |
| MK-02 | 42292 | <2 | <5 | <0.5 | 0.03 | <0.01 | 0.314 | 1.4 | 3.0 | 630 | 0.09 | 11 | <10 | <1 | 200 |
| MK-03 | 42292 | <2 | <5 | <0.5 | 0.03 | <0.01 | 0.121 | 1.0 | 3.0 | 260 | 0.12 | 12 | <10 | 7 | 210 |
| MK-04 | 42292 | <2 | <5 | 1.0 | 0.06 | <0.01 | 0.380 | 0.4 | 1.0 | 1400 | 0.03 | 8 | <10 | <1 | 20 |
| MK-07 | 42292 | 6 | <5 | <0.5 | 0.02 | <0.01 | 0.038 | 2.0 | 7.0 | 640 | 0.35 | 33 | <10 | 1 | 380 |
| MK-08 | 42292 | <2 | <5 | <0.5 | 0.01 | 0.03 | 0.078 | 0.8 | 4.0 | 120 | 0.07 | 13 | <10 | 8 | 190 |
| MK-10 | 42292 | 2 | <5 | <0.5 | 0.01 | <0.01 | 0.019 | 0.6 | 2.0 | 120 | 0.05 | 12 | <10 | 3 | 120 |
| MK-11 | 42292 | <2 | <5 | 1.0 | 0.03 | <0.01 | 0.317 | <0.2 | <1.0 | 630 | 0.01 | 2 | <10 | 4 | <10 |
| MK-12 | 42292 | 2 | <5 | <0.5 | 0.02 | 0.01 | 1.350 | 3.8 | 9.0 | 130 | 1.76 | 291 | <10 | 10 | 3390 |
| MK-14 | 42292 | 2 | <5 | 1.0 | 0.04 | 0.01 | 1.140 | 0.4 | <1.0 | 1900 | 0.04 | 9 | <50 | 7 | <200 |
| MK-15 | 42292 | 4 | <5 | 1.0 | 0.38 | <0.01 | 0.199 | 2.0 | 4.0 | 350 | 0.15 | 27 | <50 | 6 | 200 |
| MK-18 | 42292 | <2 | <5 | <0.5 | 0.03 | <0.01 | 0.064 | 1.6 | 2.0 | 9000 | 0.09 | 11 | <10 | 5 | 250 |
| MK-22 | 42322 | <2 | <5 | <0.5 | 0.02 | <0.01 | 44.3 | 0.6 | 1.0 | 20000 | 0.04 | 3 | <10 | 17 | <10 |
| MK-23 | 42322 | <2 | <5 | <0.5 | 0.02 | 0.01 | 0.426 | 3.4 | 6.0 | 270 | 1.70 | 312 | <10 | 8 | 4080 |
| MK-24 | 42322 | <2 | <5 | <0.5 | 0.01 | <0.01 | 0.417 | 1.8 | 3.0 | 1400 | 0.11 | 21 | <10 | 14 | 230 |

| Sample | Sr ppm | Al % | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K % | Mg % | Mn ppm | Mo ppm | Na % |
|--------|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|--------|---------|-----------|-----------|---------|
| A-021 | 39 | 1.24 | 1380 | 0.5 | 20 | 0.02 | <0.5 | 4 | 164 | 85 | 0.31 | 0.46 | 0.07 | 85 | <1 | 0.04 |
| A-022 | 63 | 2.78 | 1640 | 1.0 | 24 | 0.03 | <0.5 | 3 | 149 | 88 | 0.44 | 1.54 | 0.13 | 780 | <1 | 0.20 |
| A-028 | 63 | 2.49 | >10000 | 2.0 | 88 | 0.02 | 21.0 | 175 | 139 | 154 | 0.68 | 0.44 | 0.06 | >10000 | 5 | 0.06 |
| CH-01 | 53 | 2.53 | 630 | <0.5 | 18 | 0.01 | <0.5 | 2 | 164 | 50 | 0.30 | 0.87 | 0.03 | 805 | <1 | 0.02 |
| CH-09 | 23 | 0.81 | 1610 | <0.5 | 20 | 0.01 | 0.5 | 2 | 210 | 58 | 0.75 | 0.19 | 0.02 | 880 | 1 | 0.02 |
| GA-01 | 145 | 0.12 | >10000 | <0.5 | 10 | 0.01 | <0.5 | 6 | 18 | 72 | 0.04 | 0.04 | 0.01 | 80 | <1 | 0.03 |
| GO-07 | 337 | 0.09 | >10000 | <0.5 | 18 | 0.01 | <0.5 | 8 | 34 | 22 | 0.08 | 0.01 | <0.01 | 80 | <1 | 0.01 |
| JA-01 | 49 | 5.38 | 1300 | 3.0 | 12 | 0.22 | <0.5 | 11 | 128 | 48 | 7.02 | 0.50 | 0.22 | >10000 | 4 | 0.09 |
| JA-02 | 196 | 6.38 | 2780 | 14.0 | 84 | 0.17 | <0.5 | 46 | 160 | 134 | >25.0 | 0.36 | 0.37 | >10000 | 26 | 0.11 |
| JA-03 | 154 | 2.90 | 9800 | 15.0 | 48 | 0.08 | <0.5 | 2 | 190 | 117 | >25.0 | 0.13 | 0.26 | >10000 | 31 | 0.03 |
| JA-04 | 49 | 1.09 | 3320 | 13.0 | 42 | 0.06 | <0.5 | <1 | 231 | 150 | >25.0 | 0.03 | 0.17 | 7060 | 41 | 0.02 |
| JA-05 | 21 | 1.57 | 1710 | 15.5 | 30 | 0.05 | 2.0 | <1 | 112 | 118 | >25.0 | 0.04 | 0.27 | 5650 | 61 | 0.03 |
| JA-07 | 17 | 0.48 | 1620 | 17.0 | 40 | 0.06 | <0.5 | <1 | 30 | 100 | >25.0 | 0.06 | 0.21 | 950 | 27 | 0.02 |
| JA-11 | 186 | 4.02 | 1630 | 12.5 | 44 | 0.32 | <0.5 | 17 | 128 | 109 | >25.0 | 0.37 | 0.48 | >10000 | 24 | 0.06 |
| KI-01 | 445 | 0.52 | >10000 | <0.5 | <2 | 0.02 | <0.5 | 3 | 16 | 19 | 0.75 | 0.13 | 0.02 | 355 | 1 | 0.01 |
| KN-03 | 903 | 0.12 | >10000 | <0.5 | 18 | <0.01 | 0.5 | 2 | 7 | 17 | 0.34 | 0.05 | <0.01 | 115 | <1 | 0.01 |
| KW-01 | 31 | 5.35 | 510 | 1.0 | 2 | 0.03 | 0.5 | 3 | 132 | 17 | 1.98 | 0.23 | 0.06 | 4280 | 1 | 0.08 |
| KW-02 | 260 | 4.60 | >10000 | 3.5 | 82 | 0.03 | 6.5 | 107 | 141 | 44 | 5.91 | 0.74 | 0.09 | >10000 | 19 | 0.12 |
| KW-03 | 39 | 4.54 | 1830 | 2.0 | 8 | 0.02 | 1.0 | 10 | 257 | 28 | 4.20 | 0.21 | 0.05 | >10000 | 4 | 0.05 |
| MA-02 | 246 | 3.88 | 1000 | 1.0 | 6 | 0.02 | 1.0 | <1 | 166 | 17 | 1.71 | 0.07 | 0.01 | 940 | <1 | 0.05 |
| ME-01 | 4810 | 1.58 | >10000 | <0.5 | <2 | 0.01 | 0.5 | 4 | 26 | 28 | 1.08 | 0.61 | 0.03 | 375 | <1 | 0.28 |
| MI-01 | 4390 | 0.08 | >10000 | <0.5 | <2 | <0.01 | <0.5 | 5 | 8 | 14 | 0.14 | 0.03 | <0.01 | 95 | <1 | 0.02 |
| MK-02 | 462 | 3.79 | 8250 | <0.5 | 6 | 0.89 | 0.5 | 4 | 135 | 90 | 1.08 | 0.61 | 0.51 | 525 | <1 | 2.43 |
| MK-03 | 388 | 3.44 | 2740 | <0.5 | <2 | 1.07 | 0.5 | 2 | 163 | 24 | 1.22 | 0.54 | 0.59 | 390 | <1 | 2.12 |
| MK-04 | 60 | 0.95 | 850 | <0.5 | <2 | 0.05 | 0.5 | <1 | 246 | 6260 | 0.82 | 0.24 | 0.05 | 100 | <1 | 0.17 |
| MK-07 | 201 | 4.23 | 800 | <0.5 | <2 | 1.69 | <0.5 | 3 | 114 | 81 | 1.61 | 0.98 | 0.95 | 350 | 4 | 2.19 |
| MK-09 | 250 | 3.57 | 770 | <0.5 | <2 | 1.33 | 0.5 | 2 | 119 | 286 | 0.85 | 0.59 | 0.82 | 250 | 2 | 2.17 |
| MK-10 | 306 | 3.52 | 320 | <0.5 | 10 | 2.65 | <0.5 | 3 | 113 | 145 | 1.21 | 0.40 | 1.21 | 575 | 2 | 2.02 |
| MK-11 | 46 | 0.68 | 410 | <0.5 | <2 | 0.07 | <0.5 | 2 | 164 | 4770 | 0.54 | 0.14 | 0.04 | 45 | <1 | 0.10 |
| MK-12 | 1140 | 7.69 | 760 | <0.5 | 2 | 5.06 | <0.5 | 16 | 31 | 250 | 5.75 | 1.35 | 1.96 | 1485 | 23 | 4.07 |
| MK-14 | 48 | 0.86 | 410 | <0.5 | <20 | 0.10 | 1.0 | 3 | 170 | >10000 | 1.18 | 0.19 | 0.06 | 55 | <1 | 0.18 |
| MK-15 | 117 | 3.78 | 600 | 0.5 | <20 | 0.12 | <0.5 | 5 | 145 | >10000 | 0.80 | 0.72 | 0.13 | 210 | <1 | 1.59 |
| MK-18 | >10000 | 2.30 | 5610 | 4.5 | 14 | 18.90 | <0.5 | 6 | 47 | 289 | 0.64 | 0.44 | 1.55 | 1170 | <1 | 1.44 |
| MK-22 | 296 | 1.35 | 470 | <0.5 | <2 | 0.36 | <0.5 | <1 | 96 | 262 | >25.0 | 0.22 | 0.21 | 130 | 19 | 0.46 |
| MK-23 | 1815 | 7.99 | 2430 | 1.5 | 16 | 5.55 | <0.5 | 21 | 22 | 236 | 6.62 | 2.95 | 2.18 | 1670 | 7 | 3.08 |
| MK-24 | 439 | 4.46 | 240 | <0.5 | 6 | 2.39 | <0.5 | 6 | 153 | 110 | 1.95 | 1.99 | 1.57 | 720 | 3 | 2.11 |

| Sample | Au ppb | Pd ppb | Pt ppb g/tonne | Ag % | Pb % | Zn % | S % | U ppm | Th ppm | Hg ppb | Ti % | V ppm | W ppm | Ni ppm | P ppm |
|--------|-----------|-----------|-------------------|---------|---------|---------|--------|----------|-----------|-----------|---------|----------|----------|-----------|----------|
| MK-29 | 42322 | 381565 | <2 | <0.5 | 0.01 | <0.01 | 0.102 | 5.4 | 9.0 | 6000 | 0.30 | 32 | <10 | 19 | 680 |
| MW-13 | 35930 | 393188 | <2 | <0.5 | <0.01 | <0.01 | 0.010 | <0.2 | <1.0 | 180 | 0.04 | 1.8 | <10 | 3 | 60 |
| MW-14 | 35930 | 393188 | <2 | <0.5 | 0.01 | <0.01 | 0.008 | <0.2 | <1.0 | 80 | <0.01 | 1 | <10 | 4 | <10 |
| MKN-01 | 40957 | 391075 | <2 | 0.5 | 0.02 | 0.25 | 0.098 | 0.4 | <1.0 | 6100 | 0.02 | 6 | <10 | 4 | 50 |
| MKS-04 | 41145 | 390767 | <2 | <0.5 | <0.01 | <0.01 | 0.017 | 0.2 | <1.0 | 880 | <0.01 | 1 | <10 | <1 | 50 |
| TO-01 | 43415 | 390581 | <2 | <0.5 | <0.01 | 0.05 | 0.049 | 0.2 | <1.0 | 300 | <0.01 | <1 | <10 | 8 | 440 |
| TO-05A | 43500 | 390529 | <2 | <0.01 | <0.01 | 13.00 | 0.2 | <1.0 | 70 | <0.01 | <1 | <10 | 2 | 80 | |
| TO-05B | 43500 | 390529 | <2 | <0.5 | 0.02 | <0.01 | 2.93 | 1.6 | 6.0 | 60 | 0.11 | 18 | <10 | 2 | 110 |
| TO-09 | 34112 | 394143 | <2 | 0.5 | 0.01 | 0.05 | 0.172 | 4.4 | 4.0 | 100 | 0.04 | <1 | <10 | 61 | 990 |
| VT-03 | 32125 | 394187 | 8 | 5.0 | 1.79 | <0.01 | 12.20 | <0.2 | <1.0 | 6100 | <0.01 | <1 | <10 | <1 | <10 |
| VT-06 | 32125 | 394187 | 2 | 0.5 | 0.26 | 0.25 | 0.315 | 0.4 | <1.0 | 3400 | <0.01 | <1 | <10 | <1 | <10 |
| VT-07 | 32125 | 394187 | 4 | <0.5 | 2.92 | 0.42 | 2.74 | 5.2 | 7.0 | 200 | 0.18 | 39 | <50 | 24 | <200 |
| VT-08 | 32104 | 394191 | 2 | <0.5 | 0.04 | <0.01 | 0.105 | 1.0 | 3.0 | 470 | 0.04 | 3 | <10 | 3 | 220 |
| VT-09 | 32125 | 394187 | 2 | 0.01 | <0.01 | 13.60 | <0.2 | <1.0 | 60 | <0.01 | <1 | <10 | <1 | <10 | |
| VT-10 | 32125 | 394187 | <2 | <0.5 | 0.01 | <0.01 | 13.60 | <0.2 | <1.0 | 100 | <0.01 | <1 | <10 | <1 | 70 |
| VT-12 | 32125 | 394187 | <2 | 0.5 | 0.08 | 0.09 | 12.00 | <0.2 | <1.0 | 7500 | <0.01 | <1 | <10 | 1 | 60 |
| VT-20 | 32068 | 394198 | 4 | 3.5 | 0.71 | <0.01 | 11.60 | 0.6 | <1.0 | 15000 | <0.01 | 2 | <10 | <1 | 130 |
| VT-21 | 32068 | 394198 | 6 | 10.0 | 3.66 | <0.01 | 8.07 | 1.2 | 3.0 | 71000 | 0.07 | 9 | <10 | 4 | 110 |
| VT-23 | 31893 | 394216 | <2 | <0.5 | 0.08 | <0.01 | 13.20 | <0.2 | <1.0 | 800 | <0.01 | <1 | <10 | <1 | <10 |
| CH-03 | 35470 | 393608 | 2 | 35.0 | <0.01 | <0.01 | 0.025 | 0.4 | 2.0 | 16000 | 0.04 | 10 | 10 | 1 | 150 |
| CH-04 | 35470 | 393608 | 2 | 181.0 | 0.03 | <0.01 | 0.054 | 1.0 | 8.0 | 88000 | 0.13 | 30 | 10 | <1 | 350 |
| CH-10 | 35547 | 393604 | <2 | 1.0 | 0.20 | 0.04 | 0.033 | 2.8 | 10.0 | 2600 | 0.43 | 102 | <10 | 5 | 470 |
| GO-02 | 34112 | 394143 | <2 | 2.0 | <0.01 | <0.01 | 9.86 | 0.2 | 1.0 | 1700 | 0.01 | 3 | <10 | <1 | 10 |
| GO-05 | 34112 | 394143 | <2 | <0.5 | <0.01 | 0.02 | 10.50 | 0.2 | <1.0 | 430 | <0.01 | 4 | 10 | <1 | 60 |
| GO-06 | 34112 | 394143 | <2 | 0.5 | 0.03 | 0.07 | 5.38 | 0.8 | <1.0 | 280 | <0.01 | 9 | <10 | 13 | 100 |
| KI-03 | 42893 | 390805 | <2 | <0.5 | 0.01 | <0.01 | 11.40 | 4.0 | 1.0 | 120 | 0.01 | 8 | <10 | <1 | <10 |
| KI-04 | 42893 | 390805 | <2 | <0.5 | <0.01 | <0.01 | 0.908 | 2.0 | 9.0 | 50 | 0.08 | 28 | <10 | 1 | 180 |
| KN-01 | 35121 | 393927 | 6 | <0.5 | <0.01 | <0.01 | 1.450 | 1.8 | 8.0 | 70 | 0.05 | 24 | 10 | 6 | 190 |
| KN-02 | 35121 | 393927 | 72 | 16.0 | 3.23 | 0.01 | 0.640 | 0.4 | 3.0 | 5800 | 0.03 | 16 | <10 | <1 | 340 |
| KN-04 | 35121 | 393927 | 16 | 86.0 | 0.27 | <0.01 | 0.078 | 1.4 | 4.0 | 2200 | 0.08 | 17 | <10 | <1 | 560 |
| KN-06 | 35121 | 393927 | 12 | 35.5 | 15.20 | 0.05 | 2.52 | 0.2 | 2.0 | 2700 | 0.03 | 14 | <10 | 1 | 100 |
| KN-07 | 35121 | 393927 | 10 | 10.5 | 1.55 | <0.01 | 1.080 | 5.0 | 18.0 | 1800 | 0.45 | 58 | <10 | 21 | 880 |
| KN-10 | 35121 | 393927 | 170 | 402 | 33.4 | <0.01 | 5.62 | 1.2 | 4.0 | 9200 | 0.06 | 7 | 10 | <1 | 260 |
| KN-11 | 35121 | 393927 | 86 | 395 | 43.3 | <0.01 | 4.55 | 0.4 | <1.0 | 5500 | 0.01 | 2 | 10 | <1 | 150 |
| KN-12 | 35121 | 393927 | 166 | 19.0 | 1.23 | <0.01 | 0.212 | 0.4 | 2.0 | 15000 | 0.02 | 7 | <10 | 5 | 610 |
| KN-13 | 35121 | 393927 | 14 | 10.0 | 0.62 | <0.01 | 0.107 | 1.4 | 6.0 | 1000 | 0.12 | 36 | <10 | 4 | 260 |

| Sample | Sr ppm | Al % | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K % | Mg % | Mn ppm | Mo ppm | Na % |
|--------|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|--------|---------|-----------|-----------|---------|
| MK-29 | 410 | 6.33 | 350 | <0.5 | 2 | 2.52 | 0.5 | 10 | 118 | 119 | 2.00 | 1.56 | 1.50 | 425 | <1 | 3.88 |
| MW-13 | 322 | 0.91 | 150 | <0.5 | 8 | >25.0 | <0.5 | 4 | 9 | 115 | 0.82 | 0.14 | 0.22 | 4160 | <1 | 0.11 |
| MW-14 | 233 | 0.11 | 220 | <0.5 | 14 | >25.0 | <0.5 | 4 | 5 | 104 | 0.70 | 0.03 | 0.13 | 5350 | <1 | 0.05 |
| MKN-01 | 37 | 0.87 | 1060 | <0.5 | 8 | 0.60 | 8.0 | 1 | 178 | 688 | 0.43 | 0.24 | 0.06 | 290 | 1 | 0.04 |
| MKS-04 | 19 | 0.47 | 170 | <0.5 | 6 | 0.13 | 0.5 | 7 | 255 | 28 | 0.31 | 0.04 | 0.02 | 50 | <1 | 0.05 |
| TO-01 | 9460 | 0.06 | >10000 | 12.0 | 178 | 0.14 | 2.0 | 251 | 20 | 11 | 0.05 | <0.01 | 0.01 | 25 | <1 | 0.05 |
| TO-05A | 1320 | 0.13 | >10000 | <0.5 | 18 | 0.06 | <0.5 | 13 | 5 | 71 | 0.18 | 0.02 | 0.01 | 80 | <1 | 0.07 |
| TO-05B | 1480 | 3.65 | 7260 | 0.5 | <2 | 0.05 | <0.5 | 5 | 73 | 16 | 0.40 | 1.04 | 0.12 | 30 | <1 | 1.30 |
| TO-09 | 481 | 2.06 | >10000 | 1.5 | <2 | 0.07 | 13.0 | 240 | <1 | 23 | 3.80 | 0.93 | 0.18 | >10000 | 53 | 0.12 |
| VT-03 | 163 | 0.04 | 4030 | <0.5 | 10 | <0.01 | 0.5 | 2 | 13 | 2890 | 0.15 | 0.02 | <0.01 | 6440 | <1 | 0.01 |
| VT-06 | 44 | 0.16 | 3320 | 1.0 | 8 | <0.01 | 2.0 | <1 | 162 | 48 | 0.04 | <0.01 | <0.01 | 910 | <1 | <0.01 |
| VT-07 | 114 | 4.39 | 5010 | 3.5 | 60 | <0.01 | 1.5 | 73 | 43 | >10000 | 2.37 | 1.33 | 0.05 | 1450 | <1 | 0.01 |
| VT-08 | 224 | 2.19 | 4090 | <0.5 | 8 | 0.01 | <0.5 | 6 | 238 | 154 | 0.41 | 0.03 | <0.01 | 170 | <1 | 0.02 |
| VT-09 | 63 | 0.03 | >10000 | 0.5 | 10 | <0.01 | 0.5 | 3 | <1 | 37 | <0.01 | <0.01 | <0.01 | 95 | <1 | <0.01 |
| VT-10 | 167 | 0.02 | >10000 | 0.5 | 24 | 0.01 | <0.5 | 14 | 3 | 13 | 0.02 | 0.03 | <0.01 | 55 | <1 | 0.02 |
| VT-12 | 87 | 0.03 | >10000 | 0.5 | 8 | 0.01 | 2.0 | 14 | 1 | 15 | 0.04 | <0.01 | <0.01 | 80 | <1 | 0.02 |
| VT-20 | 275 | 0.11 | >10000 | <0.5 | 4 | 0.02 | <0.5 | 21 | 14 | 27 | 0.11 | 0.02 | <0.01 | 735 | <1 | 0.03 |
| VT-21 | 257 | 1.07 | 4350 | 0.5 | 4 | 0.03 | 0.5 | 6 | 33 | 424 | 0.41 | 0.26 | 0.02 | 90 | <1 | 0.03 |
| VT-23 | 291 | 0.02 | >10000 | <0.5 | <2 | <0.01 | <0.5 | 1 | 9 | 9 | <0.01 | 0.01 | <0.01 | 40 | <1 | <0.01 |
| CH-03 | 26 | 1.62 | 90 | <0.5 | <2 | 0.08 | <0.5 | 3 | 296 | 13 | 0.66 | 0.57 | 0.05 | 35 | 2 | <0.01 |
| CH-04 | 39 | 2.39 | 180 | <0.5 | <2 | 0.08 | <0.5 | <1 | 204 | 39 | 5.43 | 0.76 | 0.05 | 40 | 1 | <0.01 |
| CH-10 | 47 | 8.53 | 720 | <0.5 | <2 | 0.01 | <0.5 | 7 | 99 | 19 | 4.54 | 1.94 | 0.50 | 3100 | <1 | <0.01 |
| GO-02 | 207 | 0.31 | >10000 | <0.5 | <2 | 0.03 | <0.5 | 2 | 27 | 12 | 0.85 | 0.07 | 0.01 | 40 | 2 | <0.01 |
| GO-05 | 355 | 0.25 | >10000 | 0.5 | <2 | 0.01 | <0.5 | 3 | 10 | 8 | 0.95 | 0.05 | 0.01 | 40 | 2 | <0.01 |
| GO-06 | 356 | 0.28 | 5920 | 5.0 | <2 | 0.09 | <0.5 | <1 | 80 | 42 | 15.10 | 0.08 | 0.07 | 105 | 17 | <0.01 |
| KI-03 | 474 | 1.57 | 5670 | <0.5 | <2 | <0.01 | <0.5 | <1 | <1 | 2 | 2.10 | 0.32 | 0.01 | 30 | <1 | <0.01 |
| KI-04 | 273 | 6.24 | 6380 | <0.5 | <2 | 0.01 | <0.5 | 2 | 158 | 1 | 4.14 | 1.60 | 0.12 | 60 | <1 | <0.01 |
| KN-01 | 277 | 4.73 | 5690 | <0.5 | <2 | <0.01 | <0.5 | <1 | 196 | 3 | 6.93 | 1.29 | 0.09 | 120 | 2 | <0.01 |
| KN-02 | 43 | 2.28 | 3670 | <0.5 | <2 | 0.01 | <0.5 | 1 | 248 | 37 | 1.72 | 0.88 | 0.06 | 25 | 3 | <0.01 |
| KN-04 | 56 | 2.31 | 2090 | 0.5 | <2 | 0.03 | <0.5 | 3 | 254 | 28 | 0.59 | 0.70 | 0.04 | 25 | <1 | <0.01 |
| KN-06 | 28 | 1.75 | 980 | <0.5 | 8 | 0.01 | 2.0 | <1 | 238 | 186 | 5.65 | 0.63 | 0.04 | 30 | 2 | <0.01 |
| KN-07 | 173 | 8.18 | 1740 | 1.5 | <2 | 0.03 | 0.5 | 17 | 128 | 2520 | 0.97 | 2.23 | 0.15 | 10 | 1 | 0.04 |
| KN-10 | 29 | 1.06 | 450 | <0.5 | 6 | 0.01 | 0.5 | 3 | 45 | 1375 | 2.31 | 0.35 | 0.02 | 330 | <1 | 0.03 |
| KN-11 | 73 | 0.43 | 260 | <0.5 | 2 | 0.01 | <0.5 | 4 | 87 | 2620 | 2.48 | 0.12 | 0.01 | 10 | <1 | <0.01 |
| KN-12 | 22 | 1.34 | 260 | <0.5 | <2 | 0.01 | <0.5 | 1 | 279 | 136 | 2.84 | 0.34 | 0.01 | 65 | 1 | <0.01 |
| KN-13 | 28 | 3.57 | 450 | 0.5 | <2 | <0.01 | <0.5 | <1 | 166 | 33 | 0.59 | 1.14 | 0.05 | 75 | <1 | <0.01 |

| Sample | Au ppb | Pd ppb | Pt ppb | Ag g/tonne | Pb % | Zn % | S % | U ppm | Th ppm | Hg ppb | Ti % | V ppm | W ppm | Ni ppm | P ppm | | |
|--------|-----------|-----------|-----------|---------------|---------|---------|--------|----------|-----------|-----------|---------|----------|----------|-----------|----------|-----|--------|
| KN-15 | 35121 | 393927 | 14 | <2 | <5 | 7.0 | 0.91 | <0.01 | 1.200 | 3.6 | 14.0 | 510 | 0.23 | 140 | <10 | 5 | 1100 |
| KN-17 | 35121 | 393927 | 4 | <2 | <5 | 1.5 | 0.27 | <0.01 | 0.048 | 1.8 | 7.0 | 120 | 0.14 | 24 | <10 | 3 | 450 |
| KN-21 | 35121 | 393927 | <2 | <2 | <5 | 8.0 | 0.13 | <0.01 | 0.149 | 1.0 | 2.0 | 3300 | 0.08 | 4 | <10 | <1 | <10 |
| KN-22 | 35121 | 393927 | 2 | <2 | <5 | 0.5 | 0.21 | <0.01 | 0.389 | 2.4 | 11.0 | 150 | 0.19 | 37 | <10 | <1 | 330 |
| KN-24 | 35121 | 393927 | 2 | <2 | <5 | 2.5 | 0.19 | <0.01 | 0.302 | 3.6 | 7.0 | 150 | 0.18 | 314 | <10 | <1 | 980 |
| KN-25 | 35121 | 393927 | 62 | <2 | <5 | 468 | 27.0 | <0.01 | 3.97 | 0.6 | 1.0 | 1300 | 0.03 | 5 | 30 | 2 | 30 |
| KN-27 | 35121 | 393927 | 50 | <2 | <5 | 1605 | 57.9 | 0.01 | 10.60 | <0.2 | <1.0 | 13000 | <0.01 | <1 | 130 | <1 | 70 |
| KN-32 | 35121 | 393927 | 8 | <2 | <5 | 25.0 | 0.58 | 0.01 | 0.135 | 0.4 | 2.0 | 300 | 0.04 | 6 | <10 | 6 | 180 |
| KN-38 | 35121 | 393927 | <2 | <2 | <5 | 64.0 | 13.50 | 5.49 | 12.30 | 5.6 | 10.0 | 1600 | 0.12 | 25 | 60 | 78 | 1180 |
| KN-40 | 35121 | 393927 | 32 | <2 | <5 | 14.0 | 1.68 | 0.06 | 0.438 | 3.6 | 23.0 | 1600 | 0.42 | 15 | <10 | 1 | 980 |
| KN-43 | 35121 | 393927 | 50 | <2 | <5 | 101.0 | 14.20 | 0.01 | 2.29 | 3.4 | 4.0 | 15000 | 0.07 | 15 | <10 | 3 | 4370 |
| KV-02 | 32125 | 394187 | <2 | <2 | <5 | 2.0 | 0.18 | <0.01 | 14.00 | <0.2 | <1.0 | 170 | <0.01 | 3 | <10 | <1 | 140 |
| KV-03 | 32125 | 394187 | 4 | <2 | <5 | 0.5 | 0.04 | <0.01 | 14.30 | <0.2 | <1.0 | 110 | <0.01 | <1 | <10 | <1 | 50 |
| MA-04 | 31644 | 394117 | 2 | <2 | <5 | 1.0 | 0.06 | <0.01 | 0.339 | 2.2 | 3.0 | 880 | 0.06 | 13 | <10 | 2 | 680 |
| MK-17 | 42292 | 391577 | 2 | <2 | <5 | 4.5 | 4.75 | <0.01 | 0.734 | 1.2 | 6.0 | 100 | 0.15 | 18 | <10 | <1 | 240 |
| MK-19 | 42292 | 391577 | <2 | <2 | <5 | 0.5 | 0.16 | <0.01 | 0.063 | 2.6 | 13.0 | 180 | 0.27 | 21 | <10 | 7 | 220 |
| MK-20 | 42292 | 391577 | <2 | <2 | <5 | 13.0 | 19.20 | <0.01 | 2.89 | 1.0 | 4.0 | 1400 | 0.08 | 11 | <10 | <1 | 370 |
| MKN-03 | 40957 | 391075 | <2 | <2 | <5 | 7.0 | 0.19 | 0.55 | 0.200 | 0.2 | <1.0 | 6000 | <0.01 | 8 | 250 | 6 | <10 |
| MW-02 | 35930 | 393188 | 120 | <2 | <5 | 52.0 | 11.50 | 6.45 | 7.10 | 0.4 | 1.0 | 6500 | 0.02 | 6 | 120 | 2 | 330 |
| MW-07 | 35930 | 393188 | 2 | <2 | <5 | 2.0 | 0.33 | 0.48 | 0.120 | <0.2 | <1.0 | 780 | 0.01 | <1 | 10 | <1 | 50 |
| MW-08 | 35930 | 393188 | 180 | <2 | <5 | 90.0 | 18.00 | 0.04 | 3.79 | 0.4 | 2.0 | 3000 | 0.05 | 10 | <10 | 1 | 140 |
| MW-10 | 35930 | 393188 | 72 | <2 | <5 | 340 | 21.8 | 10.60 | 7.45 | 0.2 | 2.0 | 24000 | 0.03 | 2 | 200 | <1 | 470 |
| MW-12 | 35930 | 393188 | 4 | <2 | <5 | 3.0 | 0.24 | 0.30 | 1.270 | 1.2 | 5.0 | 490 | 0.11 | 27 | <10 | 2 | 220 |
| TO-03 | 43415 | 390581 | <2 | <2 | <5 | 1.0 | 2.82 | 0.32 | 1.770 | 0.2 | <1.0 | 480 | <0.01 | <1 | <10 | 9 | 360 |
| TO-04 | 43415 | 390581 | <2 | <2 | <5 | 0.5 | 0.53 | 10.80 | 6.00 | 0.8 | <1.0 | 16000 | <0.01 | 1 | 180 | 1 | 460 |
| VT-01 | 32125 | 394187 | 8 | <2 | <5 | 7.0 | 5.36 | 0.15 | 9.09 | <0.2 | <1.0 | 20000 | <0.01 | <1 | <10 | <1 | <10 |
| VT-11 | 31893 | 394216 | 36 | <2 | <5 | 130.0 | 47.3 | 0.37 | 3.82 | 0.4 | <1.0 | 100000 | <0.01 | <1 | 10 | <1 | 10 |
| VT-13 | 32125 | 394187 | 6 | <2 | <5 | 2.5 | 0.84 | 0.01 | 10.20 | <0.2 | <1.0 | 16000 | 0.01 | 4 | <10 | <1 | 10 |
| VT-18 | 32125 | 394187 | 26 | <2 | <5 | 162.0 | 41.9 | 0.04 | 9.64 | 0.2 | <1.0 | 73000 | <0.01 | 1 | <10 | <1 | <10 |
| CH-06 | 35470 | 393608 | <6 | <6 | <15 | 50.0 | <0.01 | 0.01 | 0.027 | 0.8 | 3.0 | 15000 | 0.09 | 14 | <10 | <1 | 40 |
| JA-08 | 33748 | 394430 | 4 | <2 | <5 | 2.3 | 0.01 | 0.01 | 4.06 | 0.6 | <1.0 | 1200 | <0.01 | 6 | <10 | 9 | <10 |
| MR-01 | 42924 | 391514 | 12 | <4 | <10 | 2.8 | 0.17 | 0.22 | 4.32 | 29.6 | 1287.0 | 300 | 0.86 | 1995 | <10 | 107 | >10000 |
| MR-06 | 42924 | 391514 | n.s.s. | n.s.s. | n.s.s. | 8.4 | 0.36 | 0.07 | 3.44 | 100.0 | 2204 | 800 | 0.83 | 918 | <10 | 24 | >10000 |
| KN-05 | 35121 | 393927 | 36 | <2 | <5 | 1270 | 74.1 | 0.35 | 13.20 | 2.6 | 83.0 | 1200 | 0.03 | 62 | 110 | 12 | 490 |

Appendix-6

| Sample | Sr ppm | Al % | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K % | Mg % | Mn ppm | Mo ppm | Na % |
|--------|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|--------|---------|-----------|-----------|---------|
| KN-15 | 95 | 6.66 | 4220 | <0.5 | <2 | 0.06 | <0.5 | <1 | 111 | 41 | 22.2 | 0.81 | 0.09 | 30 | 17 | 0.02 |
| KN-17 | 67 | 2.48 | 670 | 0.5 | <2 | <0.01 | <0.5 | <1 | 176 | 7 | 0.48 | 0.84 | 0.03 | 10 | <1 | <0.01 |
| KN-21 | 9 | 0.25 | 3470 | <0.5 | <2 | <0.01 | <0.5 | <1 | 216 | 7 | 1.93 | 0.07 | <0.01 | 10 | 4 | <0.01 |
| KN-22 | 65 | 2.91 | 7340 | <0.5 | <2 | 0.01 | <0.5 | 2 | 84 | 2 | 5.53 | 0.31 | 0.02 | 20 | 3 | <0.01 |
| KN-24 | 140 | 0.93 | 7460 | <0.5 | <2 | 0.04 | <0.5 | <1 | 144 | 7 | >25.0 | 0.09 | 0.04 | 5 | 8 | <0.01 |
| KN-25 | 58 | 0.57 | 570 | <0.5 | 8 | <0.01 | <0.5 | <1 | 143 | 1005 | 0.51 | 0.17 | <0.01 | 10 | <1 | <0.01 |
| KN-27 | 20 | 0.08 | 270 | <0.5 | 2 | <0.01 | 1.5 | 17 | 31 | 3730 | 3.57 | 0.04 | <0.01 | 5 | <1 | <0.01 |
| KN-32 | 19 | 1.03 | 220 | 1.0 | <2 | 0.01 | 0.5 | <1 | 248 | 50 | 0.38 | 0.32 | 0.01 | 20 | <1 | <0.01 |
| KN-38 | 134 | 2.75 | 530 | <0.5 | <2 | 0.01 | 298 | 82 | 115 | 41 | 6.22 | 0.99 | 0.06 | 50 | <1 | <0.01 |
| KN-40 | 67 | 1.85 | 390 | <0.5 | <2 | 0.01 | 5.0 | 3 | 136 | 27 | 1.89 | 0.66 | 0.02 | 25 | <1 | <0.01 |
| KN-43 | 104 | 2.09 | 620 | <0.5 | <2 | <0.01 | 0.5 | <1 | 155 | 434 | 2.63 | 0.58 | 0.01 | 25 | <1 | <0.01 |
| KV-02 | 146 | 0.26 | >10000 | <0.5 | 6 | 0.04 | <0.5 | 18 | 19 | 8 | 0.35 | 0.02 | 0.01 | 15 | 2 | 0.01 |
| KV-03 | 1340 | 0.04 | >10000 | <0.5 | 6 | 0.01 | 0.5 | 13 | 9 | 4 | 0.02 | 0.03 | <0.01 | <5 | 1 | <0.01 |
| MA-04 | 359 | 2.54 | 8020 | 0.5 | 6 | 0.02 | <0.5 | 2 | 130 | 8 | 4.65 | 0.07 | 0.01 | 45 | 1 | <0.01 |
| MK-17 | 164 | 3.70 | 1030 | 1.5 | <2 | 0.09 | 0.5 | 5 | 156 | 66 | 0.65 | 0.95 | 0.09 | 20 | 1 | 1.41 |
| MK-19 | 90 | 4.61 | 410 | 1.5 | <2 | 0.11 | <0.5 | <1 | 102 | 57 | 0.97 | 0.99 | 0.09 | 95 | 2 | 2.11 |
| MK-20 | 167 | 2.76 | 330 | 0.5 | <2 | 0.08 | 1.0 | 7 | 145 | 335 | 0.40 | 0.71 | 0.06 | 45 | <1 | 1.06 |
| MKN-03 | 25 | 0.61 | 4430 | <0.5 | <20 | 0.04 | 3.0 | 21 | 78 | >10000 | 6.98 | 0.18 | 0.04 | 95 | 3 | 0.93 |
| MW-02 | 178 | 0.59 | 550 | <0.5 | <2 | 22.9 | 217 | 30 | 29 | 1340 | 2.39 | 0.26 | 0.34 | >10000 | 2 | 0.04 |
| MW-07 | 128 | 0.26 | 390 | <0.5 | <2 | >25.0 | 18.0 | 10 | 24 | 277 | 0.80 | 0.15 | 0.06 | >10000 | 2 | 0.03 |
| MW-08 | 77 | 1.63 | 430 | <0.5 | <2 | 0.14 | 1.5 | 6 | 143 | 105 | 3.01 | 1.05 | 0.05 | 70 | 1 | 0.06 |
| MW-10 | 52 | 1.19 | 300 | <0.5 | <2 | 4.00 | 340 | 39 | 49 | 461 | 3.00 | 0.46 | 0.05 | 2230 | 3 | 0.13 |
| MW-12 | 78 | 3.61 | 1000 | <0.5 | <2 | 3.01 | 8.5 | 20 | 159 | 258 | 1.56 | 1.53 | 0.15 | 1765 | 1 | 0.52 |
| TO-03 | 8160 | 0.10 | >10000 | 9.0 | 130 | 2.37 | 18.5 | 189 | 23 | 33 | 0.08 | 0.03 | 1.46 | 95 | <1 | 0.04 |
| TO-04 | 3040 | 0.24 | >10000 | 2.0 | 82 | 1.96 | 501 | 56 | 74 | 94 | 0.24 | 0.07 | 0.39 | 20 | <1 | <0.01 |
| VT-01 | 472 | 0.02 | >10000 | 0.5 | 22 | 0.05 | 9.5 | 6 | 37 | 516 | 0.06 | 0.03 | 0.02 | 10 | <1 | <0.01 |
| VT-11 | 154 | 0.12 | 1820 | <0.5 | 38 | 0.07 | 18.5 | 1 | 73 | 876 | 0.04 | 0.04 | 0.01 | 10 | 1 | <0.01 |
| VT-13 | 841 | 0.28 | >10000 | 0.5 | 34 | <0.01 | 0.5 | 7 | 48 | 37 | 0.06 | 0.11 | <0.01 | 5 | 2 | <0.01 |
| VT-18 | 60 | 0.18 | 270 | <0.5 | 40 | <0.01 | 6.5 | <1 | 62 | 2240 | 0.07 | 0.05 | <0.01 | 15 | 1 | <0.01 |
| CH-06 | 27 | 3.27 | 130 | 0.5 | <2 | 0.08 | <0.5 | <1 | 242 | 16 | 1.10 | 1.14 | 0.06 | 95 | <1 | 0.04 |
| JA-08 | 4 | 0.38 | 20 | <0.5 | 32 | 0.06 | <0.5 | <1 | 32 | 72 | >25.0 | 0.05 | 0.10 | 150 | 1 | 0.02 |
| MR-01 | 1265 | 1.03 | >10000 | 15.0 | 232 | 0.27 | 6.0 | 28 | 859 | 8 | >25.0 | <0.01 | 0.03 | 1075 | 254 | <0.01 |
| MR-06 | 8330 | 2.52 | 7420 | 16.0 | 366 | 0.76 | 17.0 | 36 | <1 | 84 | 10.40 | 0.05 | 0.03 | 390 | 438 | 0.11 |
| KN-05 | 50 | 0.18 | 870 | 1.0 | 88 | <0.01 | 25.5 | <1 | 59 | 3490 | 1.59 | 0.17 | <0.01 | 50 | 10 | <0.01 |

Appendix - X

MINERALS IDENTIFIED IN
PAN-CONCENTRATED STREAM SEDIMENT
SAMPLES FROM THE MOMBASA AREA

Minerals identified in pan-concentrated stream
sediment samples from the Mombasa area.

| Sample No. | Minerals identified |
|------------|--|
| 1. KC001 | : Haematite, Aquamarine, Quartz, Garnets eg (Rhodolite, Spessartine) |
| 2. KC002 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 3. KC003 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 4. KC004 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 5. KC006 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 6. KC007 | : Garnets (Rhodolite, Spessartine), Quartz, Goethite |
| 7. KC008 | : Garnets (Rhodolite, Spessartine), Goethite, Haematite |
| 8. KC009 | : Few grains of Garnets (Rhodolite, Spessartine), Haematite |
| 9. KC010 | : Few grains of Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 10. KC011 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 11. KC012 | : Garnets (Rhodolite, Spessartine), Quartz |
| 12. KC013 | : Garnets (Rhodolite, Spessartine), Quartz |
| 13. KC014 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 14. KC015 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 15. KC016 | : Garnets (Rhodolite, Spessartine), Quartz, |
| 16. KC017 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 17. KC018 | : Garnets (Rhodolite, Spessartine), Quartz |
| 18. KC019 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 19. KC020 | : Few grains of Garnets, Quartz |
| 20. KC021 | : Only Quartz |
| 21. KC022 | : Quartz and Few grains of Haematite |
| 22. KC023 | : Garnets (Rhodolite, Spessartine), Goethite |
| 23. KC024 | : Quartz, Garnets (Rhodolite, Spessartine), Haematite |
| 24. KC025 | : Quartz, Haematite |
| 25. KC026 | : Quartz, Goethite, Haematite |

| Sample No. | Minerals identified |
|------------|---|
| 26. KCO27 | : Quartz, Garnets (Rhodolite, Spessartine) |
| 27. KCO28 | : Only Quartz |
| 28. KCO29 | : Quartz, Few grains of Garnets |
| 29. KCO30 | : Quartz, Few grains of Garnets |
| 30. KCO31 | : Quartz, garnets (Rhodolite, Spessartine) |
| 31. KCO32 | : Quartz, garnets |
| 32. KCO33 | : Quartz, Few grains of Garnet (Rhodolite) and Few grains of Haematite |
| 33. KCO34 | : Quartz, Goethite |
| 34. KCO35 | : Quartz, Few grains of Garnet |
| 35. KCO36 | : Quartz, Garnet (Rhodolite), Goethite |
| 36. KCO37 | : Quartz, Garnet (Rhodolite) |
| 37. KCO38 | : Quartz, Garnet (Rhodolite), Goethite |
| 38. KCO39 | : Quartz, Garnet (Rhodolite), Goethite |
| 39. KCO40 | : Quartz, Garnet, Haematite, Goethite |
| 40. KCO41 | : Quartz, Few grains of Garnet |
| 41. KCO42 | : Quartz, Garnet, Goethite |
| 42. KCO43 | : Quartz, Garnets (Rhodolite, Spessartine), Haematite |
| 43. KCO44 | : Quartz, Garnets (Rhodolite, Spessartine), Haematite |
| 44. HCO01 | : Garnets (Rhodolite, Spessartine), Quartz, Goethite Few grains of Haematite |
| 45. HCO02 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 46. HCO03 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 47. HCO04 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 48. HCO05 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 49. HCO06 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 50. HCO07 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |

| Sample No. | Minerals identified |
|------------|--|
| 51. HCO08 | : Goethite, Haematite and Few grains of Quartz, Garnet (Rhodolite) |
| 52. HCO09 | : Garnets (Rhodolite, Spessartine, very light red and purple in colour), Quartz, Haematite |
| 53. HCO10 | : Quartz, Garnet (Rhodolite), Goethite, Haematite |
| 54. HCO11 | : Quartz, Garnets (Rhodolite, Spessartine), Haematite, Amphiboles |
| 55. HCO12 | : Quartz, Haematite, Goethite |
| 56. HCO13 | : Quartz, Goethite |
| 57. HCO14 | : Quartz, Goethite, Haematite |
| 58. HCO15 | : Quartz, Goethite, Haematite |
| 59. HCO16 | : Quartz, Garnet, Feldspar |
| 60. HCO17 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite |
| 61. HCO18 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite, Goethite |
| 62. HCO19 | : Garnets (Rhodolite, Spessartine), Quartz, Haematite |
| 63. HCO20 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite, Feldspar |
| 64. HCO21 | : Quartz, Garnets (Rhodolite, Spessartine), Haematite |
| 65. HCO22 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite, Feldspar |
| 66. HCO23 | : Quartz, Garnets, Haematite, Goethite |
| 67. HCO24 | : Quartz, Few grains of Garnets, Haematite, Feldspar |
| 68. HCO25 | : Quartz, Garnets (Rhodolite, Spessartite), Haematite |
| 69. HCO26 | : Quartz, Garnets (Rhodolite, Spessartite) |
| 70. HCO27 | : Quartz, Garnets (Rhodolite, Spessartite) |
| 71. HCO28 | : Quartz, Haematite, Goethite |
| 72. HCO29 | : Quartz, Goethite, Garnet |
| 73. HCO30 | : Only Quartz |
| 74. HCO31 | : Only Quartz |

| Sample No. | Minerals identified |
|------------|--|
| 75. HCO32 | : Quartz, Garnets |
| 76. HCO33 | : Quartz, Goethite |
| 77. HCO34 | : Quartz, Few grains of Garnet, Goethite |
| 78. HCO35 | : Quartz, Haematite, Goethite |
| 79. HCO36 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite, Feldspar, Barite |
| 80. HCO37 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite, Barite, Feldspar |
| 81. HCO38 | : Quartz, Garnet, Goethite |
| 82. HCO39 | : Quartz, Garnets (Rhodolite, Spessartine), Goethite |
| 83. HCO40 | : Quartz, Garnets, grains of Amphibole |
| 84. HCO41 | : Quartz, Garnets (Rhodolite, Spessartite), Haematite, Feldspar, Amphibole |
| 85. HCO42 | : Quartz, Garnets (Rhodolite, Spessartite), Feldspar, Amphibole |
| 86. HCO43 | : Quartz, Garnet (Rhodolite), Goethite |
| 87. HCO44 | : Quartz, Few grains of Garnet, Goethite |
| 88. HCO45 | : Quartz, Few grains of Garnet, Goethite |
| 89. HCO46 | : Quartz, Few grains of Garnet, Goethite |
| 90. HCO47 | : Goethite, Quartz, Haematite, Barite, Few grains of Garnets |
| 91. HCO48 | : Goethite, Quartz, Haematite, Barite, Few grains of Garnets |
| 92. HCO49 | : Goethite, Quartz, Haematite, Barite, Few grains of Garnets |
| 93. HCO50 | : Quartz, Goethite, Haematite, Barite |
| 94. HCO51 | : Quartz, Garnet (Spessartite), Goethite, Feldspar |
| 95. HCO52 | : Quartz, Goethite, Garnets (Rhodolite, Spessartite), Feldspar |
| 96. HCO53 | : Haematite, Quartz, Garnets (Rhodolite, Spessartite), Feldspar |
| 97. HCO54 | : Quartz, Goethite |
| 98. HCO55 | : Quartz, Garnets |

| Sample No. | Minerals identified |
|------------|-----------------------------|
| 99. HC056 | : Quartz, Garnets |
| 100. HC058 | : Quartz, Garnets, Goethite |

Appendix - XI

**GEOCHEMICAL ANALYSIS OF
PAN-CONCENTRATE SAMPLES
FROM THE MOMBASA AREA**

| Ser | Sample | GEOL. | Lon. | Lat. | P | Pb | Zn | Ba | Cu | Au | Pt | Th | S | Fe | Mn | Ag | Hg | U |
|-----|--------|-------|-------|--------|-----|-----|-----|------|-----|-----|-----|-------|-------|--------|------|------|-----|-----|
| | | | | | ppm | ppm | ppm | ppm | ppm | ppb | ppb | ppm | % | % | ppm | ppm | ppm | ppm |
| 1 | HC-001 | MyCm | 43459 | 390565 | 170 | 22 | 24 | 280 | 3 | <1 | <5 | 110.0 | 0.020 | 2.13 | 335 | <0.2 | <1 | <10 |
| 2 | HC-002 | MyCu | 43252 | 390680 | 300 | <2 | 28 | 30 | 1 | <1 | <5 | 19.0 | 0.019 | 8.48 | 910 | <0.2 | <1 | <10 |
| 3 | HC-003 | MyCu | 43069 | 390761 | 220 | 8 | 14 | 240 | 1 | <1 | <5 | 145.0 | 0.025 | 2.15 | 1015 | <0.2 | <1 | <10 |
| 4 | HC-004 | MyCu | 43028 | 390763 | 170 | 4 | 18 | 190 | 1 | <1 | <5 | 81.0 | 0.026 | 1.98 | 685 | <0.2 | <1 | <10 |
| 5 | HC-005 | MyCl | 42402 | 390465 | 120 | 2 | 10 | 90 | 3 | <1 | <5 | 20.0 | 0.018 | 2.22 | 720 | <0.2 | <1 | <10 |
| 6 | HC-006 | MyCl | 42484 | 390674 | 230 | 10 | 28 | 150 | 12 | <1 | <5 | 8.0 | 0.014 | 4.71 | 255 | <0.2 | <1 | <10 |
| 7 | HC-007 | MyCu | 42080 | 390819 | 130 | 2 | 24 | 70 | 1 | <1 | <5 | 70.0 | 0.023 | 3.64 | 2070 | <0.2 | <1 | <10 |
| 8 | HC-008 | MyCm | 42546 | 390833 | 400 | 26 | 54 | 330 | 40 | <2 | <10 | 11.0 | 0.004 | >15.00 | 530 | <0.2 | <1 | <10 |
| 9 | HC-009 | MyCu | 41990 | 390841 | 170 | 8 | 20 | 160 | 1 | 3 | 5 | 82.0 | 0.018 | 3.37 | 1870 | <0.2 | <1 | <10 |
| 10 | HC-010 | MyCu | 41702 | 390965 | 320 | 12 | 14 | 790 | 8 | 14 | <5 | 149.0 | 0.023 | 3.68 | 365 | <0.2 | <1 | <10 |
| 11 | HC-011 | Mk1 | 42359 | 391210 | 150 | 2 | 14 | 70 | 2 | <1 | <5 | 82.0 | 0.021 | 2.48 | 1375 | <0.2 | <1 | <10 |
| 12 | HC-012 | Mk1 | 42315 | 391211 | 600 | 16 | 6 | 40 | <1 | <1 | <5 | 522.0 | 0.020 | 1.08 | 165 | <0.2 | <1 | <10 |
| 13 | HC-013 | Mkm | 42206 | 391456 | 510 | 14 | <2 | 60 | 1 | <2 | <10 | 357.0 | 0.027 | 0.49 | 60 | <0.2 | <1 | <10 |
| 14 | HC-014 | MyCu | 40569 | 391869 | 100 | 6 | 8 | 580 | 4 | <2 | <10 | 18.0 | 0.025 | 2.33 | 240 | <0.2 | <1 | <10 |
| 15 | HC-015 | MyCu | 40364 | 391937 | 220 | 16 | 20 | 500 | 10 | <2 | <10 | 11.0 | 0.018 | 3.98 | 345 | <0.2 | <1 | <10 |
| 16 | HC-016 | MyCu | 40926 | 391578 | 80 | 6 | 14 | 40 | <1 | <2 | <10 | 54.0 | 0.012 | 1.60 | 720 | <0.2 | <1 | <10 |
| 17 | HC-017 | MyCu | 41089 | 391393 | 360 | 16 | 10 | 80 | 6 | 12 | <10 | 214.0 | 0.014 | 2.99 | 130 | <0.2 | <1 | <10 |
| 18 | HC-018 | Mk1 | 40978 | 391928 | 410 | 24 | 18 | 130 | <1 | <1 | <5 | 268.0 | 0.015 | 1.96 | 920 | <0.2 | <1 | <10 |
| 19 | HC-019 | MyCu | 43031 | 391942 | 170 | 8 | 16 | 330 | 2 | <1 | <5 | 64.0 | 0.035 | 2.97 | 1135 | <0.2 | <1 | <10 |
| 20 | HC-020 | MyCu | 35752 | 392314 | 70 | 4 | 6 | 210 | 1 | <1 | <5 | 15.0 | 0.021 | 1.19 | 810 | <0.2 | <1 | <10 |
| 21 | HC-021 | Tu | 35061 | 391347 | 120 | 4 | 8 | 100 | <1 | <1 | <5 | 14.0 | 0.022 | 1.24 | 1145 | <0.2 | <1 | <10 |
| 22 | HC-022 | Tu | 35341 | 391145 | 90 | 2 | 8 | 130 | 1 | <2 | <10 | 14.0 | 0.017 | 0.91 | 560 | <0.2 | <1 | <10 |
| 23 | HC-023 | Tu | 40391 | 391061 | 50 | 2 | 8 | 950 | 5 | <1 | <5 | 21.0 | 0.037 | 1.47 | 275 | <0.2 | 2 | <10 |
| 24 | HC-024 | Tu | 40564 | 390498 | 40 | <2 | 8 | 220 | <1 | <2 | <10 | 13.0 | 0.026 | 0.87 | 305 | <0.2 | <1 | <10 |
| 25 | HC-025 | Tu | 40082 | 390990 | 60 | 4 | 6 | 1400 | 1 | <1 | <5 | 7.0 | 0.042 | 0.86 | 360 | <0.2 | <1 | <10 |
| 26 | HC-026 | MyCl | 34836 | 391721 | 40 | 4 | 8 | 440 | 1 | <1 | <5 | 12.0 | 0.026 | 1.34 | 1210 | <0.2 | 1 | <10 |
| 27 | HC-027 | MyCu | 34852 | 392117 | 60 | 6 | 14 | 200 | <1 | <1 | <5 | 42.0 | 0.021 | 2.10 | 2230 | <0.2 | 1 | <10 |
| 28 | HC-028 | MyCm | 35291 | 391805 | 220 | 18 | 46 | 190 | 29 | <1 | <5 | 13.0 | 0.011 | 7.04 | 405 | <0.2 | <1 | <10 |
| 29 | HC-029 | MyCu | 35583 | 392338 | 50 | 4 | 10 | 1080 | 1 | <1 | <5 | 23.0 | 0.040 | 1.69 | 1720 | <0.2 | <1 | <10 |
| 30 | HC-030 | Mk1 | 35282 | 392499 | 40 | <2 | <2 | 30 | <1 | <1 | <5 | 17.0 | 0.013 | 0.42 | 45 | <0.2 | <1 | <10 |
| 31 | HC-031 | Mk1 | 34703 | 392665 | 50 | <2 | <2 | 200 | <1 | <2 | <10 | 39.0 | 0.020 | 0.43 | 90 | <0.2 | <1 | <10 |
| 32 | HC-032 | Mk1 | 34608 | 392630 | 240 | 6 | 2 | 1950 | <1 | <1 | <5 | 191.0 | 0.052 | 0.69 | 345 | <0.2 | <1 | <10 |
| 33 | HC-033 | Mkm | 34812 | 392790 | 330 | 8 | 6 | 290 | 4 | <1 | <5 | 85.0 | 0.012 | 0.98 | 175 | <0.2 | <1 | <10 |
| 34 | HC-034 | MyCm | 34401 | 391743 | 20 | 4 | 2 | 120 | <1 | <2 | <10 | 7.0 | 0.013 | 0.45 | 155 | <0.2 | <1 | <10 |

Appendix-1

| Ser | Sample | GEOL. | Lon. | Lat. | P | Pb | Zn | Ba | Cu | Au | Pt | Th | S | Fe | Mn | Ag | Hg | U |
|-----|--------|-------|-------|--------|------|--------|-----|------|-----|-----|-----|--------|-------|-------|------|------|-----|-----|
| | | | | | ppm | ppm | ppm | ppm | ppm | ppb | ppb | ppm | % | % | ppm | ppm | ppm | ppm |
| 35 | HC-035 | Mtu | 33263 | 394420 | 150 | 48 | 26 | 2090 | 14 | <1 | <5 | 68.0 | 0.042 | 2.88 | 1040 | <0.2 | <1 | <10 |
| 36 | HC-036 | M2m | 32210 | 394204 | 70 | >10000 | 54 | 5520 | 19 | 13 | <5 | 47.0 | 5.450 | 0.97 | 340 | 4.4 | 11 | <10 |
| 37 | HC-037 | M2m | 32065 | 393927 | 100 | 3140 | 32 | 5910 | 12 | 1 | <5 | 78.0 | 5.060 | 0.96 | 260 | 1.2 | 2 | <10 |
| 38 | HC-038 | M21 | 32886 | 393366 | 40 | 76 | 2 | 1510 | <1 | <1 | <5 | 6.0 | 0.046 | 0.48 | 85 | <0.2 | <1 | <10 |
| 39 | HC-039 | M2m | 32842 | 394128 | 230 | 20 | 4 | 3220 | 3 | <1 | <5 | 216.0 | 0.082 | 1.01 | 185 | <0.2 | <1 | <10 |
| 40 | HC-040 | Mku | 32081 | 393130 | 30 | 2 | 2 | 120 | <1 | <1 | <5 | 8.0 | 0.017 | 0.36 | 90 | <0.2 | <1 | <10 |
| 41 | HC-041 | MyCu | 32398 | 392693 | 130 | 4 | 22 | 80 | <1 | <1 | <5 | 46.0 | 0.018 | 3.06 | 1400 | <0.2 | <1 | <10 |
| 42 | HC-042 | MyCl | 32709 | 392449 | 80 | 12 | 14 | 90 | <1 | <1 | <5 | 4.0 | 0.021 | 1.65 | 690 | <0.2 | <1 | <10 |
| 43 | HC-043 | Tu | 34472 | 391469 | 30 | <2 | 2 | 350 | 1 | <1 | <5 | 4.0 | 0.023 | 0.75 | 200 | <0.2 | <1 | <10 |
| 44 | HC-044 | RC | 34283 | 391555 | 20 | <2 | 2 | 130 | <1 | <2 | <10 | 2.0 | 0.017 | 0.36 | 95 | <0.2 | <1 | <10 |
| 45 | HC-045 | MyCl | 33761 | 391737 | 20 | <2 | 2 | 130 | <1 | <1 | <5 | 6.0 | 0.019 | 0.53 | 235 | <0.2 | <1 | <10 |
| 46 | HC-046 | MyCl | 33730 | 391860 | 10 | <2 | <2 | 320 | <1 | <1 | <5 | 4.0 | 0.024 | 0.49 | 130 | <0.2 | <1 | <10 |
| 47 | HC-047 | MyCu | 34078 | 392147 | 210 | 32 | 36 | 830 | 25 | <2 | <10 | 6.0 | 0.029 | 10.20 | 525 | <0.2 | <1 | <10 |
| 48 | HC-048 | MyCm | 35553 | 391733 | 80 | 40 | 12 | 1470 | 16 | <1 | <5 | 7.0 | 0.043 | 4.32 | 1155 | <0.2 | <1 | <10 |
| 49 | HC-049 | RC | 35701 | 391738 | 290 | 52 | 76 | 1230 | 50 | <1 | <5 | 14.0 | 0.029 | 13.35 | 1335 | <0.2 | <1 | <10 |
| 50 | HC-050 | MyCl | 35811 | 391710 | 50 | 6 | 12 | 140 | 5 | <1 | <5 | 4.0 | 0.031 | 1.35 | 195 | <0.2 | <1 | <10 |
| 51 | HC-051 | Mtu | 32809 | 394662 | 80 | 6 | 4 | 610 | 1 | <1 | <5 | 36.0 | 0.031 | 0.90 | 160 | <0.2 | 2 | <10 |
| 52 | HC-052 | K | 32711 | 394443 | 640 | 32 | 10 | 5500 | 14 | <1 | <5 | 663.0 | 0.136 | 2.11 | 705 | <0.2 | 79 | <10 |
| 53 | HC-053 | RC | 30663 | 394742 | 960 | 2 | 24 | 50 | 3 | <1 | <5 | 43.0 | 0.015 | 6.51 | 470 | <0.2 | 1 | <10 |
| 54 | HC-054 | M2m | 30796 | 394159 | 40 | 4 | 2 | 100 | 2 | 1 | <5 | 7.0 | 0.020 | 0.73 | 45 | <0.2 | 1 | <10 |
| 55 | HC-055 | M21 | 30624 | 393860 | 880 | 2 | 24 | 90 | 3 | <2 | <10 | 18.0 | 0.016 | 3.16 | 400 | <0.2 | 1 | <10 |
| 56 | HC-056 | RC | 30593 | 394920 | 780 | 4 | 18 | 40 | 2 | <1 | <5 | 12.0 | 0.015 | 2.55 | 385 | <0.2 | <1 | <10 |
| 57 | HC-057 | RC | 30724 | 394599 | 910 | 4 | 26 | 60 | 4 | <1 | <5 | 24.0 | 0.017 | 4.45 | 510 | <0.2 | <1 | <10 |
| 58 | KC-001 | PLS | 43764 | 391062 | 320 | <2 | 26 | 60 | 1 | <1 | <5 | 22.0 | 0.021 | 5.99 | 875 | <0.2 | 1 | <10 |
| 59 | KC-002 | PLS | 43363 | 391378 | 230 | 22 | 24 | 730 | <1 | <1 | <5 | 167.0 | 0.060 | 2.99 | 850 | <0.2 | <1 | <10 |
| 60 | KC-003 | M2m | 42550 | 392033 | 160 | 8 | 6 | 180 | <1 | <1 | <5 | 105.0 | 0.021 | 1.32 | 640 | <0.2 | <1 | <10 |
| 61 | KC-004 | M2m | 40991 | 392494 | 250 | 28 | 8 | 180 | 5 | <1 | 5 | 99.0 | 0.022 | 6.06 | 120 | <0.2 | 1 | <10 |
| 62 | KC-006 | M2m | 42228 | 392020 | 2290 | 72 | 4 | 70 | 3 | <2 | <10 | 1308.0 | 0.020 | 0.74 | 140 | <0.2 | 3 | <10 |
| 63 | KC-007 | MyCu | 42399 | 391600 | 190 | 14 | 12 | 300 | <1 | <1 | <5 | 118.0 | 0.027 | 1.81 | 985 | <0.2 | <1 | <10 |
| 64 | KC-008 | M2m | 42150 | 392481 | 1810 | 52 | <2 | 20 | 3 | <2 | <5 | 1070.0 | 0.018 | 0.39 | 40 | <0.2 | 3 | <10 |
| 65 | KC-009 | M2m | 42161 | 392507 | 440 | 16 | 2 | 190 | 2 | <1 | <5 | 274.0 | 0.020 | 1.10 | 115 | <0.2 | 1 | <10 |
| 66 | KC-010 | M2m | 35104 | 393830 | 400 | 74 | 116 | 5940 | 2 | <1 | <5 | 285.0 | 0.508 | 1.60 | 985 | <0.2 | 1 | <10 |
| 67 | KC-011 | Mtm | 35110 | 394005 | 780 | 32 | 46 | 1650 | 26 | <2 | <10 | 496.0 | 0.054 | 2.72 | 245 | <0.2 | 1 | <10 |

| Ser | Sample | GEOL. | Lon. | Lat. | P | Pb | Zn | Ba | Cu | Au | Pt | Th | S | Fe | Mn | Ag | Hg | U |
|-----|--------|-------|-------|--------|------|-----|-----|------|-----|-----|-----|-------|-------|------|------|------|-----|-----|
| | | | | | ppm | ppm | ppm | ppm | ppm | ppb | ppb | ppm | % | % | ppm | ppm | ppm | ppm |
| 68 | KC-012 | Mku | 34889 | 393489 | 530 | 18 | 2 | 130 | <1 | <1 | <5 | 352.0 | 0.015 | 0.43 | 125 | <0.2 | <1 | <10 |
| 69 | KC-013 | Mkm | 35040 | 393154 | 430 | 14 | 2 | 60 | 1 | <1 | <5 | 278.0 | 0.018 | 0.53 | 190 | <0.2 | 1 | <10 |
| 70 | KC-014 | Mk1 | 35085 | 393026 | 260 | 14 | 2 | 320 | <1 | 2 | 10 | 103.0 | 0.022 | 0.40 | 85 | <0.2 | <1 | <10 |
| 71 | KC-015 | M2m | 40128 | 393104 | 430 | 28 | 6 | 6890 | 3 | <1 | <5 | 202.0 | 0.718 | 0.97 | 255 | <0.2 | 1 | <10 |
| 72 | KC-016 | Mk1 | 35710 | 392911 | 200 | 6 | 8 | 140 | 1 | <2 | <10 | 74.0 | 0.017 | 1.04 | 425 | <0.2 | 1 | <10 |
| 73 | KC-017 | Mkm | 35511 | 393364 | 420 | 10 | 4 | 840 | 1 | <2 | <10 | 200.0 | 0.029 | 0.68 | 155 | <0.2 | 1 | <10 |
| 74 | KC-018 | Mtu | 35242 | 394118 | 560 | 40 | 24 | 5490 | 10 | <2 | 10 | 404.0 | 0.150 | 1.20 | 115 | <0.2 | 1 | <10 |
| 75 | KC-019 | Mu | 35270 | 394137 | 100 | 16 | 36 | 830 | 9 | <1 | 5 | 102.0 | 0.081 | 4.55 | 290 | <0.2 | 1 | <10 |
| 76 | KC-020 | Mk1 | 35417 | 393143 | 530 | 26 | 12 | 1390 | 13 | <1 | 10 | 64.0 | 0.040 | 0.97 | 180 | <0.2 | <1 | <10 |
| 77 | KC-021 | MvCu | 40412 | 392365 | 120 | 8 | 8 | 1120 | 2 | 2 | <10 | 43.0 | 0.035 | 1.01 | 135 | <0.2 | <1 | <10 |
| 78 | KC-022 | MvCu | 40339 | 392363 | 70 | 12 | 8 | 320 | 2 | <2 | <10 | 14.0 | 0.020 | 1.00 | 130 | <0.2 | 1 | <10 |
| 79 | KC-023 | Mk1 | 40989 | 392334 | 150 | 8 | 24 | 70 | 1 | <1 | <5 | 34.0 | 0.022 | 3.88 | 2590 | <0.2 | <1 | <10 |
| 80 | KC-024 | M2m | 41252 | 392415 | 290 | 18 | 6 | 300 | 4 | <1 | <10 | 206.0 | 0.023 | 2.80 | 45 | <0.2 | <1 | <10 |
| 81 | KC-025 | M2m | 34827 | 393961 | 380 | 404 | 234 | 2080 | 7 | <1 | <5 | 191.0 | 0.024 | 3.24 | 8310 | <0.2 | <1 | <10 |
| 82 | KC-026 | Mtm | 34879 | 394150 | 170 | 10 | 44 | 170 | 27 | <1 | <5 | 13.0 | 0.026 | 3.76 | 325 | <0.2 | <1 | <10 |
| 83 | KC-027 | Mku | 33846 | 392384 | 250 | 28 | 8 | 1590 | 3 | <1 | <5 | 34.0 | 0.047 | 0.97 | 485 | <0.2 | <1 | <10 |
| 84 | KC-028 | Mku | 34475 | 393602 | 210 | 12 | 2 | 90 | <1 | <1 | <5 | 81.0 | 0.014 | 0.41 | 85 | <0.2 | <1 | <10 |
| 85 | KC-029 | Mku | 33922 | 393370 | 60 | 8 | <2 | 170 | <1 | <1 | <5 | 26.0 | 0.015 | 0.41 | 70 | <0.2 | <1 | <10 |
| 86 | KC-030 | M2m | 34317 | 393749 | 550 | 18 | 4 | 90 | 1 | 5 | <5 | 278.0 | 0.016 | 0.57 | 140 | <0.2 | 1 | <10 |
| 87 | KC-031 | M21 | 33947 | 393744 | 290 | 14 | 2 | 70 | 1 | <1 | <5 | 175.0 | 0.017 | 0.49 | 125 | <0.2 | 1 | <10 |
| 88 | KC-032 | M21 | 33292 | 393463 | 20 | 6 | 2 | 110 | 1 | <1 | <5 | 6.0 | 0.017 | 0.55 | 50 | <0.2 | <1 | <10 |
| 89 | KC-033 | M2m | 33444 | 393903 | 240 | 14 | 2 | 2000 | 1 | 14 | <5 | 185.0 | 0.059 | 0.59 | 50 | <0.2 | 1 | <10 |
| 90 | KC-034 | M2m | 33634 | 393817 | 150 | 16 | 2 | 250 | 1 | <1 | <5 | 98.0 | 0.021 | 0.59 | 85 | <0.2 | <1 | <10 |
| 91 | KC-035 | M2m | 34123 | 393789 | 570 | 24 | 8 | 6360 | 1 | <1 | <5 | 352.0 | 0.202 | 0.64 | 240 | <0.2 | 2 | <10 |
| 92 | KC-036 | Mku | 35984 | 392974 | 150 | 8 | 10 | 140 | 2 | <1 | <5 | 25.0 | 0.011 | 1.03 | 360 | <0.2 | <1 | <10 |
| 93 | KC-037 | Mtm | 33637 | 394197 | 640 | 18 | 4 | 4370 | 2 | <1 | <5 | 402.0 | 0.103 | 0.63 | 130 | <0.2 | 3 | <10 |
| 94 | KC-038 | Mtm | 33439 | 394182 | 590 | 14 | 4 | 820 | 3 | <1 | <5 | 384.0 | 0.040 | 0.57 | 70 | <0.2 | 1 | <10 |
| 95 | KC-039 | Mtm | 40755 | 393419 | 200 | 10 | 14 | 1380 | 11 | <1 | <5 | 104.0 | 0.052 | 1.39 | 245 | <0.2 | <1 | <10 |
| 96 | KC-040 | Mtm | 40488 | 393143 | 1770 | 48 | 6 | 230 | 3 | <1 | <5 | 817.0 | 0.018 | 0.93 | 220 | <0.2 | 1 | <10 |
| 97 | KC-041 | M2m | 42488 | 391810 | 280 | 6 | 2 | 90 | <1 | <1 | <5 | 126.0 | 0.015 | 0.44 | 80 | <0.2 | <1 | <10 |
| 98 | KC-042 | M21 | 30969 | 393466 | 90 | 6 | 4 | 150 | 1 | <1 | <5 | 30.0 | 0.017 | 0.79 | 135 | <0.2 | <1 | <10 |
| 99 | KC-043 | Mk1 | 30675 | 392236 | 110 | 2 | 12 | 1030 | 1 | <2 | <10 | 20.0 | 0.032 | 1.86 | 600 | <0.2 | <1 | <10 |
| 100 | KC-044 | Mku | 30438 | 392774 | 50 | <2 | 6 | 220 | <1 | <1 | <5 | 32.0 | 0.018 | 1.29 | 480 | <0.2 | <1 | <10 |

Appendix - XII

**GEOCHEMICAL ANALYSIS OF SOIL SAMPLES
FROM THE MRIMA HILL-JOMBO HILL,
KINANGONI, MKUNDI, MKANG'OMBE
AND MANGEA-KWA DADU AREAS**

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|---------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 1 | N100W70 | GOP | 42246 | 391527 | <1 | 0.008 | <0.2 | 100 | 2 | 0.76 | 355 | 8 | 10 |
| 2 | N100W65 | GOP | 42246 | 391529 | <1 | 0.006 | <0.2 | 60 | 1 | 0.74 | 200 | 2 | 8 |
| 3 | N100W60 | GOP | 42246 | 391532 | <1 | 0.006 | <0.2 | 250 | 8 | 1.87 | 775 | 14 | 28 |
| 4 | N100W55 | GOP | 42246 | 391535 | <1 | 0.008 | <0.2 | 30 | <1 | 0.43 | 40 | 6 | 6 |
| 5 | N100W50 | GOP | 42246 | 391537 | 2 | 0.008 | <0.2 | 40 | <1 | 0.41 | 10 | 6 | 2 |
| 6 | N100W45 | PYB | 42246 | 391540 | <1 | 0.005 | <0.2 | 90 | <1 | 0.99 | 15 | 4 | 6 |
| 7 | N100W40 | PYB | 42246 | 391543 | <1 | 0.004 | <0.2 | 40 | <1 | 0.59 | 20 | <2 | 4 |
| 8 | N100W35 | PYB | 42246 | 391546 | <1 | 0.005 | <0.2 | 20 | <1 | 0.27 | 5 | 2 | 2 |
| 9 | N100W30 | PYB | 42246 | 391548 | <1 | 0.008 | <0.2 | 80 | <1 | 0.50 | 240 | 4 | 4 |
| 10 | N100W25 | PYB | 42246 | 391551 | <1 | 0.005 | <0.2 | 40 | <1 | 0.53 | 110 | 4 | 6 |
| 11 | N100W20 | GOP | 42246 | 391554 | <1 | 0.005 | <0.2 | 70 | <1 | 0.74 | 55 | 2 | 8 |
| 12 | N100W15 | GOP | 42246 | 391556 | <1 | 0.007 | <0.2 | 140 | 2 | 0.98 | 335 | 8 | 10 |
| 13 | N100W10 | PYB | 42246 | 391559 | <1 | 0.006 | <0.2 | 70 | <1 | 0.75 | 115 | 6 | 4 |
| 14 | N100W05 | PYB | 42246 | 391562 | <1 | 0.004 | <0.2 | 90 | 1 | 0.72 | 260 | <2 | 6 |
| 15 | N100W0 | PYB | 42246 | 391565 | <1 | 0.004 | <0.2 | 100 | 1 | 1.10 | 285 | 6 | 10 |
| 16 | N100E05 | PYB | 42246 | 391567 | 1 | 0.003 | <0.2 | 110 | 2 | 1.26 | 180 | 6 | 12 |
| 17 | N100E10 | GOP | 42246 | 391570 | 2 | 0.001 | <0.2 | 220 | 8 | 2.06 | 230 | 4 | 28 |
| 18 | N100E15 | PYB | 42246 | 391573 | <1 | 0.003 | <0.2 | 100 | 3 | 1.17 | 435 | 10 | 12 |
| 19 | N100E20 | GOP | 42246 | 391575 | <1 | 0.005 | <0.2 | 50 | 2 | 1.45 | 75 | 6 | 14 |
| 20 | N100E25 | GOP | 42246 | 391578 | <1 | 0.004 | <0.2 | 440 | 8 | 2.12 | 685 | 6 | 30 |
| 21 | N100E30 | GOP | 42246 | 391581 | <1 | 0.006 | <0.2 | 90 | 2 | 1.48 | 280 | 4 | 18 |
| 22 | N100E35 | GOP | 42246 | 391584 | <1 | 0.006 | <0.2 | 90 | 5 | 1.50 | 435 | 4 | 24 |
| 23 | N100E40 | GOP | 42246 | 391586 | <1 | 0.007 | <0.2 | 50 | <1 | 0.92 | 140 | <2 | 10 |
| 24 | N100E45 | GOP | 42246 | 391589 | <1 | 0.010 | <0.2 | 70 | 1 | 1.35 | 390 | 10 | 6 |
| 25 | N100E50 | GOP | 42246 | 391592 | 1 | 0.007 | <0.2 | 40 | 1 | 0.47 | 185 | <2 | 4 |
| 26 | N100E55 | GOP | 42246 | 391594 | <1 | 0.008 | <0.2 | 40 | <1 | 0.36 | 35 | <2 | 2 |
| 27 | N100E60 | GOP | 42246 | 391597 | <1 | 0.009 | <0.2 | 20 | <1 | 0.27 | 60 | <2 | <2 |
| 28 | N100E65 | GOP | 42246 | 391600 | <1 | 0.008 | <0.2 | 40 | <1 | 0.48 | 205 | <2 | 2 |
| 29 | N100E70 | LB | 42246 | 391603 | <1 | 0.008 | <0.2 | 30 | <1 | 0.60 | 140 | <2 | 4 |
| 30 | N90W70 | PYB | 42251 | 391527 | <1 | 0.004 | <0.2 | 50 | 1 | 0.46 | 75 | <2 | 4 |
| 31 | N90W65 | PYB | 42251 | 391529 | <1 | 0.003 | <0.2 | 50 | <1 | 0.62 | 160 | 2 | 6 |
| 32 | N90W60 | PYB | 42251 | 391532 | <1 | 0.004 | <0.2 | 40 | <1 | 0.51 | 125 | 6 | 6 |
| 33 | N90W55 | PYB | 42251 | 391535 | <1 | 0.005 | <0.2 | 40 | <1 | 0.44 | 85 | 6 | 4 |
| 34 | N90W50 | GOP | 42251 | 391537 | <1 | 0.005 | <0.2 | 50 | <1 | 0.49 | 130 | 8 | 6 |

Appendix-1

| Ser | SAMPLE | Color | Loc. | Lat. | Au | S | Ag | Ba | Cu | Fe | Mn | Pb | Zn |
|-----|--------|-------|-------|--------|-----|-------|------|-----|-----|------|-----|-----|-----|
| | | | | | ppb | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| 35 | N90W45 | GOP | 42251 | 391540 | <1 | 0.004 | <0.2 | 50 | <1 | 0.94 | 20 | 8 | 6 |
| 36 | N90W40 | GOP | 42251 | 391543 | <1 | 0.003 | <0.2 | 100 | <1 | 0.78 | 55 | 8 | 4 |
| 37 | N90W35 | GOP | 42251 | 391546 | <1 | 0.003 | <0.2 | 40 | <1 | 0.52 | 50 | 8 | 4 |
| 38 | N90W30 | GOP | 42251 | 391548 | <1 | 0.004 | <0.2 | 110 | 2 | 0.75 | 295 | 8 | 10 |
| 39 | N90W25 | PYB | 42251 | 391551 | <1 | 0.004 | <0.2 | 50 | <1 | 0.57 | 35 | <2 | 4 |
| 40 | N90W20 | PYB | 42251 | 391554 | <1 | 0.006 | <0.2 | 60 | <1 | 0.50 | 140 | 2 | 4 |
| 41 | N90W15 | PYB | 42251 | 391556 | <1 | 0.004 | <0.2 | 40 | <1 | 0.38 | 10 | 2 | 2 |
| 42 | N90W10 | PYB | 42251 | 391559 | <1 | 0.006 | <0.2 | 60 | <1 | 0.55 | 125 | 4 | 4 |
| 43 | N90W05 | PYB | 42251 | 391562 | <1 | 0.006 | <0.2 | 40 | <1 | 0.75 | 20 | 6 | 6 |
| 44 | N90E70 | PYB | 42251 | 391565 | <1 | 0.002 | <0.2 | 60 | <1 | 0.64 | 285 | 6 | 4 |
| 45 | N90E05 | PYB | 42251 | 391567 | <1 | 0.001 | <0.2 | 80 | 3 | 1.28 | 900 | 10 | 18 |
| 46 | N90E10 | PYB | 42251 | 391570 | <1 | 0.002 | <0.2 | 80 | 3 | 1.27 | 875 | 14 | 18 |
| 47 | N90E15 | GOP | 42251 | 391573 | <1 | 0.002 | <0.2 | 70 | 6 | 1.88 | 365 | 8 | 40 |
| 48 | N90E20 | GOP | 42251 | 391575 | <1 | 0.001 | <0.2 | 230 | 8 | 2.35 | 570 | 10 | 28 |
| 49 | N90E25 | GOP | 42251 | 391578 | 1 | 0.002 | <0.2 | 90 | 4 | 1.98 | 300 | 8 | 22 |
| 50 | N90E30 | GOP | 42251 | 391581 | <1 | 0.002 | <0.2 | 40 | 2 | 1.08 | 245 | 4 | 14 |
| 51 | N90E35 | GOP | 42251 | 391584 | <1 | 0.002 | <0.2 | 40 | <1 | 0.90 | 125 | 6 | 8 |
| 52 | N90E40 | GOP | 42251 | 391586 | <1 | 0.003 | <0.2 | 50 | 1 | 0.64 | 190 | 6 | 4 |
| 53 | N90E45 | MB | 42251 | 391589 | <1 | 0.010 | <0.2 | 60 | 5 | 1.71 | 530 | 4 | 12 |
| 54 | N90E50 | MB | 42251 | 391592 | <1 | 0.008 | <0.2 | 100 | 5 | 1.61 | 245 | 2 | 14 |
| 55 | N90E55 | GOP | 42251 | 391594 | <1 | 0.007 | <0.2 | 40 | <1 | 0.60 | 165 | 2 | 4 |
| 56 | N90E60 | PYB | 42251 | 391597 | <1 | 0.008 | 0.2 | 30 | <1 | 0.38 | 20 | 2 | <2 |
| 57 | N90E65 | GOP | 42251 | 391600 | <1 | 0.007 | <0.2 | 20 | <1 | 0.63 | 50 | 2 | 2 |
| 58 | N90E70 | GOP | 42251 | 391603 | <1 | 0.007 | <0.2 | 40 | <1 | 0.91 | 140 | 2 | 4 |
| 59 | N80W70 | PYB | 42256 | 391527 | <1 | 0.005 | <0.2 | 60 | 1 | 0.49 | 175 | 2 | 6 |
| 60 | N80W65 | PYB | 42256 | 391529 | <1 | 0.001 | <0.2 | 40 | <1 | 0.77 | 55 | 4 | 4 |
| 61 | N80W60 | PYB | 42256 | 391532 | <1 | 0.001 | <0.2 | 50 | <1 | 0.80 | 95 | 8 | 4 |
| 62 | N80W55 | PYB | 42256 | 391535 | <1 | 0.001 | 0.2 | 30 | <1 | 0.58 | 30 | 2 | 4 |
| 63 | N80W50 | PYB | 42256 | 391537 | <1 | 0.002 | <0.2 | 70 | <1 | 0.71 | 80 | 6 | 4 |
| 64 | N80W45 | PYB | 42256 | 391540 | <1 | 0.001 | 0.2 | 70 | <1 | 0.57 | 145 | 6 | 4 |
| 65 | N80W40 | PYB | 42256 | 391543 | 1 | 0.006 | <0.2 | 50 | <1 | 0.54 | 95 | 4 | 6 |
| 66 | N80W35 | PYB | 42256 | 391546 | <1 | 0.002 | <0.2 | 50 | 2 | 0.42 | 175 | 2 | 4 |
| 67 | N80W30 | PYB | 42256 | 391548 | <1 | 0.004 | <0.2 | 60 | 4 | 0.57 | 205 | 6 | 6 |
| 68 | N80W25 | PYB | 42256 | 391551 | <1 | 0.006 | <0.2 | 50 | <1 | 0.48 | 20 | 8 | 4 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 69 | N80W20 | PYB | 42256 | 391554 | <1 | 0.003 | <0.2 | 60 | <1 | 0.51 | 155 | 6 | 6 |
| 70 | N80W15 | PYB | 42256 | 391556 | <1 | 0.002 | <0.2 | 70 | 1 | 0.89 | 250 | 10 | 8 |
| 71 | N80W10 | PYB | 42256 | 391559 | <1 | 0.005 | <0.2 | 70 | <1 | 1.03 | 120 | 10 | 8 |
| 72 | N80W05 | PYB | 42256 | 391562 | <1 | 0.003 | <0.2 | 70 | <1 | 0.78 | 305 | 12 | 6 |
| 73 | N80E70 | PYB | 42256 | 391565 | 14 | 0.003 | <0.2 | 110 | 3 | 1.61 | 95 | 10 | 18 |
| 74 | N80E05 | PYB | 42256 | 391567 | <1 | 0.004 | <0.2 | 50 | <1 | 0.57 | 115 | 4 | 6 |
| 75 | N80E10 | PYB | 42256 | 391570 | 2 | 0.002 | <0.2 | 40 | 1 | 0.58 | 90 | 2 | 6 |
| 76 | N80E15 | PYB | 42256 | 391573 | <1 | 0.003 | <0.2 | 30 | <1 | 0.74 | 175 | 6 | 10 |
| 77 | N80E20 | GOP | 42256 | 391575 | <1 | 0.004 | <0.2 | 190 | 9 | 1.39 | 650 | 12 | 62 |
| 78 | N80E25 | GOP | 42256 | 391578 | <1 | 0.002 | <0.2 | 70 | 3 | 1.27 | 130 | 14 | 20 |
| 79 | N80E30 | GOP | 42256 | 391581 | <1 | 0.005 | <0.2 | 110 | 5 | 1.66 | 565 | 12 | 24 |
| 80 | N80E35 | GOP | 42256 | 391584 | <1 | 0.006 | <0.2 | 40 | <1 | 0.82 | 95 | 10 | 6 |
| 81 | N80E40 | GOP | 42256 | 391586 | <1 | 0.004 | <0.2 | 40 | 2 | 1.11 | 235 | 6 | 4 |
| 82 | N80E45 | GOP | 42256 | 391589 | <1 | 0.005 | <0.2 | 30 | 1 | 0.85 | 235 | 4 | 4 |
| 83 | N80E50 | GOP | 42256 | 391592 | <1 | 0.007 | <0.2 | 30 | <1 | 0.60 | 195 | 4 | 2 |
| 84 | N80E55 | GOP | 42256 | 391594 | <1 | 0.006 | <0.2 | 70 | 2 | 0.79 | 300 | 2 | 10 |
| 85 | N80E60 | GOP | 42258 | 391597 | <1 | 0.007 | <0.2 | 30 | 2 | 0.95 | 225 | 2 | 10 |
| 86 | N80E65 | GOP | 42256 | 391600 | <1 | 0.003 | <0.2 | 70 | 2 | 1.17 | 775 | 6 | 10 |
| 87 | N80E70 | GOP | 42256 | 391603 | <1 | 0.006 | <0.2 | 30 | <1 | 0.54 | 75 | <2 | 2 |
| 88 | N70W70 | PYB | 42262 | 391527 | <1 | 0.005 | <0.2 | 70 | <1 | 0.62 | 125 | 8 | 4 |
| 89 | N70W65 | PYB | 42262 | 391529 | <1 | 0.005 | <0.2 | 70 | <1 | 0.92 | 90 | 10 | 6 |
| 90 | N70W60 | PYB | 42262 | 391532 | <1 | 0.004 | <0.2 | 70 | <1 | 0.88 | 15 | 4 | 6 |
| 91 | N70W55 | PYB | 42262 | 391535 | 3 | 0.004 | <0.2 | 80 | <1 | 0.49 | 75 | 8 | 2 |
| 92 | N70W50 | PYB | 42262 | 391537 | <1 | 0.005 | <0.2 | 100 | <1 | 1.03 | 50 | 4 | 6 |
| 93 | N70W45 | PYB | 42262 | 391540 | 2 | 0.003 | <0.2 | 240 | 2 | 1.24 | 350 | 14 | 10 |
| 94 | N70W40 | PYB | 42262 | 391543 | <1 | 0.006 | <0.2 | 50 | <1 | 0.78 | 215 | 6 | 6 |
| 95 | N70W35 | PYB | 42262 | 391546 | <1 | 0.003 | <0.2 | 60 | <1 | 0.55 | 125 | 4 | 4 |
| 96 | N70W30 | PYB | 42262 | 391548 | <1 | 0.005 | <0.2 | 70 | 2 | 0.88 | 100 | 6 | 4 |
| 97 | N70W25 | PYB | 42262 | 391551 | <1 | 0.003 | <0.2 | 170 | 5 | 1.37 | 100 | 8 | 12 |
| 98 | N70W20 | PYB | 42262 | 391554 | <1 | 0.004 | <0.2 | 60 | 1 | 0.63 | 160 | 2 | 2 |
| 99 | N70W15 | GOP | 42262 | 391556 | 1 | 0.005 | <0.2 | 70 | 1 | 1.02 | 110 | 4 | 6 |
| 100 | N70W10 | GOP | 42262 | 391559 | <1 | 0.006 | <0.2 | 60 | 1 | 0.56 | 230 | 6 | 2 |
| 101 | N70W05 | GOP | 42262 | 391562 | <1 | 0.005 | <0.2 | 70 | 3 | 0.85 | 165 | 4 | 6 |
| 102 | N70E70 | GOP | 42262 | 391565 | <1 | 0.007 | <0.2 | 80 | 4 | 1.79 | 60 | 8 | 22 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 103 | N70E05 | GOP | 42262 | 391567 | <1 | 0.006 | <0.2 | 50 | 2 | 1.02 | 120 | 2 | 12 |
| 104 | N70E10 | GOP | 42262 | 391570 | <1 | 0.005 | <0.2 | 40 | 1 | 0.86 | 225 | 8 | 10 |
| 105 | N70E15 | GOP | 42262 | 391573 | <1 | 0.008 | <0.2 | 110 | 5 | 1.44 | 270 | 10 | 22 |
| 106 | N70E20 | GOP | 42262 | 391575 | <1 | 0.005 | <0.2 | 60 | 1 | 1.04 | 110 | 6 | 14 |
| 107 | N70E25 | GOP | 42262 | 391578 | <1 | 0.007 | <0.2 | 120 | 4 | 1.55 | 165 | 10 | 20 |
| 108 | N70E30 | GOP | 42262 | 391581 | 1 | 0.008 | <0.2 | 80 | 2 | 1.23 | 100 | 8 | 12 |
| 109 | N70E35 | GOP | 42262 | 391584 | 2 | 0.012 | <0.2 | 20 | <1 | 0.75 | 175 | 4 | 2 |
| 110 | N70E40 | GOP | 42262 | 391586 | <1 | 0.003 | <0.2 | 40 | 2 | 1.11 | 455 | 2 | 8 |
| 111 | N70E45 | GOP | 42262 | 391589 | 3 | 0.007 | <0.2 | 50 | 1 | 0.72 | 205 | <2 | 6 |
| 112 | N70E50 | GOP | 42262 | 391592 | <1 | 0.008 | <0.2 | 20 | <1 | 0.42 | 70 | <2 | 2 |
| 113 | N70E55 | GOP | 42262 | 391594 | <1 | 0.007 | <0.2 | 30 | 2 | 0.47 | 150 | <2 | <2 |
| 114 | N70E60 | GOP | 42262 | 391597 | 1 | 0.008 | <0.2 | 50 | 3 | 0.64 | 165 | <2 | 2 |
| 115 | N70E65 | PYB | 42262 | 391600 | <1 | 0.009 | <0.2 | 10 | 2 | 0.37 | 35 | <2 | <2 |
| 116 | N70E70 | GO | 42262 | 391603 | <1 | 0.010 | <0.2 | 230 | 11 | 2.20 | 1055 | 8 | 22 |
| 117 | N60W70 | GOP | 42267 | 391527 | <1 | 0.004 | <0.2 | 150 | 2 | 1.00 | 420 | 10 | 12 |
| 118 | N60W65 | PYB | 42267 | 391529 | <1 | 0.006 | <0.2 | 40 | <1 | 0.38 | 20 | 8 | 4 |
| 119 | N60W60 | PYB | 42267 | 391532 | <1 | 0.003 | <0.2 | 30 | <1 | 0.46 | 10 | 2 | 4 |
| 120 | N60W55 | PYB | 42267 | 391535 | <1 | 0.006 | <0.2 | 50 | <1 | 0.49 | 70 | <2 | 4 |
| 121 | N60W50 | PYB | 42267 | 391537 | <1 | 0.008 | <0.2 | 360 | 6 | 1.43 | 730 | 6 | 18 |
| 122 | N60W45 | GOP | 42267 | 391540 | <1 | 0.006 | <0.2 | 50 | <1 | 0.48 | 15 | 2 | 2 |
| 123 | N60W40 | GOP | 42267 | 391543 | <1 | 0.010 | <0.2 | 20 | <1 | 0.49 | 5 | <2 | <2 |
| 124 | N60W35 | PYB | 42267 | 391546 | 1 | 0.008 | <0.2 | 80 | <1 | 0.57 | 265 | 8 | 4 |
| 125 | N60W30 | BC | 42267 | 391548 | <1 | 0.007 | <0.2 | 120 | <1 | 0.92 | 310 | 12 | 8 |
| 126 | N60W25 | GOP | 42267 | 391551 | 1 | 0.006 | <0.2 | 70 | <1 | 0.92 | 25 | 8 | 8 |
| 127 | N60W20 | PYB | 42267 | 391554 | <1 | 0.007 | <0.2 | 130 | 3 | 1.48 | 145 | 12 | 16 |
| 128 | N60W15 | PYB | 42267 | 391556 | <1 | 0.004 | <0.2 | 40 | <1 | 0.51 | 115 | 12 | 4 |
| 129 | N60W10 | PB | 42267 | 391559 | <1 | 0.007 | <0.2 | 250 | 6 | 1.54 | 415 | 12 | 22 |
| 130 | N60W05 | GOP | 42267 | 391562 | <1 | 0.005 | <0.2 | 370 | 8 | 2.50 | 345 | 8 | 34 |
| 131 | N60W00 | MYB | 42267 | 391565 | <1 | 0.008 | <0.2 | 100 | 4 | 2.03 | 185 | 6 | 26 |
| 132 | N60E05 | MYB | 42267 | 391567 | <1 | 0.008 | <0.2 | 60 | 2 | 1.18 | 120 | 6 | 14 |
| 133 | N60E10 | GOP | 42267 | 391570 | <1 | 0.007 | <0.2 | 50 | <1 | 0.78 | 135 | 2 | 10 |
| 134 | N60E15 | GOP | 42267 | 391573 | <1 | 0.007 | <0.2 | 120 | 3 | 1.45 | 190 | 8 | 22 |
| 135 | N60E20 | PYB | 42267 | 391575 | <1 | 0.008 | <0.2 | 130 | 5 | 1.73 | 250 | 8 | 26 |
| 136 | N60E25 | GOP | 42267 | 391578 | <1 | 0.006 | <0.2 | 70 | 3 | 1.37 | 100 | 6 | 16 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 137 | N60E30 | PYB | 42267 | 391581 | <1 | 0.006 | <0.2 | 30 | <1 | 0.58 | 75 | <2 | 6 |
| 138 | N60E35 | GOP | 42267 | 391584 | <1 | 0.008 | <0.2 | 20 | <1 | 0.90 | 240 | 4 | 4 |
| 139 | N60E40 | PYB | 42267 | 391586 | <1 | 0.008 | <0.2 | 30 | <1 | 0.68 | 110 | <2 | 4 |
| 140 | N60E45 | PYB | 42267 | 391589 | 1 | 0.010 | <0.2 | 20 | 1 | 0.36 | 120 | 4 | 4 |
| 141 | N60E50 | PYB | 42267 | 391592 | <1 | 0.014 | <0.2 | 40 | 2 | 0.65 | 75 | 4 | 6 |
| 142 | N60E55 | PYB | 42267 | 391594 | <1 | 0.008 | <0.2 | 60 | 1 | 0.53 | 285 | 4 | 4 |
| 143 | N60E60 | LB | 42267 | 391597 | <1 | 0.007 | <0.2 | 60 | 1 | 0.61 | 180 | 6 | 4 |
| 144 | N60E65 | DYB | 42267 | 391600 | <1 | 0.007 | <0.2 | 70 | 5 | 1.03 | 705 | <2 | 16 |
| 145 | N60E70 | PYB | 42267 | 391603 | <1 | 0.007 | <0.2 | 30 | 1 | 0.47 | 95 | 6 | 4 |
| 146 | N50W70 | PYB | 42273 | 391527 | <1 | 0.014 | <0.2 | 50 | <1 | 0.44 | 115 | <2 | 4 |
| 147 | N50W65 | PYB | 42273 | 391529 | <1 | 0.011 | <0.2 | 50 | <1 | 0.52 | 165 | <2 | 6 |
| 148 | N50W60 | PYB | 42273 | 391532 | <1 | 0.014 | <0.2 | 60 | <1 | 0.63 | 45 | <2 | 6 |
| 149 | N50W55 | DYB | 42273 | 391535 | <1 | 0.009 | 4.6 | 280 | 7 | 1.55 | 385 | 6 | 22 |
| 150 | N50W50 | PB | 42273 | 391537 | <1 | 0.009 | <0.2 | 40 | <1 | 0.48 | 30 | 4 | 4 |
| 151 | N50W45 | DYB | 42273 | 391540 | <1 | 0.014 | <0.2 | 70 | <1 | 0.45 | 220 | 4 | 4 |
| 152 | N50W40 | DYB | 42273 | 391543 | <1 | 0.015 | <0.2 | 130 | <1 | 0.86 | 225 | 4 | 8 |
| 153 | N50W35 | DYB | 42273 | 391546 | <1 | 0.009 | <0.2 | 130 | 1 | 1.04 | 205 | <2 | 14 |
| 154 | N50W30 | PYB | 42273 | 391548 | <1 | 0.014 | <0.2 | 130 | 1 | 1.06 | 170 | 10 | 12 |
| 155 | N50W25 | PYB | 42273 | 391551 | <1 | 0.012 | <0.2 | 250 | 8 | 1.69 | 375 | 4 | 24 |
| 156 | N50W20 | PYB | 42273 | 391554 | <1 | 0.011 | <0.2 | 120 | 1 | 0.64 | 235 | 8 | 8 |
| 157 | N50W15 | GOP | 42273 | 391556 | <1 | 0.012 | <0.2 | 30 | <1 | 0.44 | 60 | <2 | 4 |
| 158 | N50W10 | GOP | 42273 | 391559 | <1 | 0.010 | 0.2 | 80 | 1 | 0.95 | 90 | 6 | 10 |
| 159 | N50W05 | GOP | 42273 | 391562 | <1 | 0.010 | 0.2 | 50 | 2 | 0.93 | 25 | <2 | 12 |
| 160 | N50E00 | PYB | 42273 | 391565 | <1 | 0.006 | 0.2 | 150 | 9 | 2.37 | 365 | <2 | 28 |
| 161 | N50E05 | GOP | 42273 | 391567 | <1 | 0.006 | <0.2 | 90 | 4 | 1.38 | 255 | <2 | 18 |
| 162 | N50E10 | GOP | 42273 | 391570 | <1 | 0.007 | <0.2 | 50 | 1 | 1.11 | 115 | 10 | 14 |
| 163 | N50E15 | YG | 42273 | 391573 | <1 | 0.005 | <0.2 | 60 | 2 | 1.03 | 40 | 6 | 12 |
| 164 | N50E20 | PYB | 42273 | 391575 | <1 | 0.007 | <0.2 | 20 | <1 | 0.35 | 55 | 6 | 2 |
| 165 | N50E25 | PYB | 42273 | 391578 | <1 | 0.006 | <0.2 | 120 | 4 | 1.14 | 80 | 6 | 10 |
| 166 | N50E30 | PYB | 42273 | 391581 | <1 | 0.009 | <0.2 | 30 | 1 | 0.73 | 10 | 2 | 4 |
| 167 | N50E35 | GO | 42273 | 391584 | <1 | 0.007 | <0.2 | 20 | 1 | 0.89 | 195 | 6 | 4 |
| 168 | N50E40 | LB | 42273 | 391586 | <1 | 0.010 | <0.2 | 30 | 1 | 0.95 | 230 | 8 | 6 |
| 169 | N50E45 | PYB | 42273 | 391589 | <1 | 0.007 | <0.2 | 40 | <1 | 1.04 | 40 | 4 | 4 |
| 170 | N50E50 | GO | 42273 | 391592 | <1 | 0.006 | <0.2 | 80 | 3 | 1.09 | 25 | 8 | 12 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 171 | N50E55 | CO | 42278 | 391594 | <1 | 0.007 | <0.2 | 40 | 3 | 0.85 | 170 | <2 | 8 |
| 172 | N50E60 | CO | 42278 | 391597 | <1 | 0.007 | <0.2 | 30 | 2 | 0.81 | 270 | <2 | 8 |
| 173 | N50E65 | CO | 42278 | 391600 | 2 | 0.006 | 0.2 | 50 | 1 | 0.70 | 130 | <2 | 6 |
| 174 | N50E70 | CO | 42278 | 391603 | <1 | 0.007 | <0.2 | 20 | 1 | 0.47 | 120 | 2 | 4 |
| 175 | N40W70 | PYB | 42278 | 391527 | <1 | 0.005 | <0.2 | 70 | <1 | 0.66 | 230 | <2 | 8 |
| 176 | N40E65 | PYB | 42278 | 391529 | <1 | 0.004 | <0.2 | 100 | 2 | 1.23 | 255 | <2 | 14 |
| 177 | N40E60 | PYB | 42278 | 391532 | <1 | 0.006 | <0.2 | 250 | 7 | 1.47 | 440 | 2 | 20 |
| 178 | N40E55 | PYB | 42278 | 391535 | <1 | 0.005 | <0.2 | 80 | 1 | 1.06 | 205 | 2 | 10 |
| 179 | N40E50 | MYB | 42278 | 391537 | <1 | 0.006 | <0.2 | 40 | <1 | 0.63 | 85 | <2 | 6 |
| 180 | N40W45 | DYB | 42278 | 391540 | <1 | 0.009 | <0.2 | 120 | 2 | 1.29 | 240 | 4 | 18 |
| 181 | N40W40 | DYB | 42278 | 391543 | <1 | 0.008 | 0.2 | 190 | 6 | 2.19 | 185 | <2 | 26 |
| 182 | N40E35 | DYB | 42278 | 391546 | <1 | 0.009 | <0.2 | 170 | 2 | 2.50 | 180 | 10 | 24 |
| 183 | N40E30 | PYB | 42278 | 391548 | <1 | 0.008 | <0.2 | 190 | 7 | 1.83 | 190 | 6 | 22 |
| 184 | N40E25 | PYB | 42278 | 391551 | <1 | 0.006 | <0.2 | 340 | 9 | 2.41 | 320 | 8 | 34 |
| 185 | N40E20 | PYB | 42278 | 391554 | <1 | 0.008 | <0.2 | 210 | 7 | 2.36 | 110 | 2 | 30 |
| 186 | N40W15 | PYB | 42278 | 391556 | <1 | 0.008 | <0.2 | 70 | <1 | 0.87 | 125 | 6 | 10 |
| 187 | N40W10 | PYB | 42278 | 391559 | <1 | 0.009 | <0.2 | 50 | <1 | 0.62 | 60 | 8 | 6 |
| 188 | N40E05 | PYB | 42278 | 391562 | <1 | 0.009 | <0.2 | 30 | <1 | 0.41 | 75 | 4 | 2 |
| 189 | N40E00 | DYB | 42278 | 391565 | <1 | 0.009 | <0.2 | 110 | 3 | 1.28 | 220 | 8 | 12 |
| 190 | N40E05 | PYB | 42278 | 391567 | 1 | 0.009 | <0.2 | 100 | 5 | 1.23 | 175 | 4 | 14 |
| 191 | N40E10 | PYB | 42278 | 391570 | 2 | 0.007 | <0.2 | 50 | 1 | 0.84 | 120 | 2 | 6 |
| 192 | N40E15 | PYB | 42278 | 391573 | <1 | 0.002 | <0.2 | 50 | <1 | 0.82 | 20 | <2 | 6 |
| 193 | N40E20 | PYB | 42278 | 391575 | <1 | 0.013 | <0.2 | 40 | <1 | 0.81 | 20 | <2 | 8 |
| 194 | N40E25 | PYB | 42278 | 391578 | <1 | 0.014 | <0.2 | 40 | <1 | 0.59 | 25 | 4 | 4 |
| 195 | N40E30 | PYB | 42278 | 391581 | <1 | 0.011 | <0.2 | 20 | 1 | 0.54 | 100 | <2 | 2 |
| 196 | N40E35 | PYB | 42278 | 391584 | <1 | 0.012 | <0.2 | 20 | <1 | 0.39 | 280 | <2 | 2 |
| 197 | N40E40 | PYB | 42278 | 391586 | <1 | 0.011 | <0.2 | 20 | <1 | 0.38 | 65 | <2 | 2 |
| 198 | N40E45 | DYB | 42278 | 391589 | <1 | 0.014 | <0.2 | 20 | <1 | 0.35 | 135 | <2 | 2 |
| 199 | N40E50 | MYB | 42278 | 391592 | <1 | 0.012 | <0.2 | 30 | <1 | 0.48 | 325 | <2 | 2 |
| 200 | N40E55 | MB | 42278 | 391594 | <1 | 0.012 | <0.2 | 30 | <1 | 0.74 | 250 | <2 | 4 |
| 201 | N40E60 | MYB | 42278 | 391597 | <1 | 0.012 | <0.2 | 20 | <1 | 0.71 | 255 | <2 | 4 |
| 202 | N40E65 | MYB | 42278 | 391600 | <1 | 0.011 | <0.2 | 30 | <1 | 0.77 | 165 | 4 | 4 |
| 203 | N40E70 | MYB | 42278 | 391603 | <1 | 0.012 | <0.2 | 40 | <1 | 0.94 | 140 | <2 | 6 |
| 204 | N30W70 | DYB | 42283 | 391527 | <1 | 0.009 | <0.2 | 40 | <1 | 0.82 | 20 | 4 | 6 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 205 | N30W65 | DYB | 42283 | 391529 | 1 | 0.007 | <0.2 | 190 | 5 | 1.67 | 155 | 6 | 18 |
| 206 | N30W60 | DYB | 42283 | 391532 | <1 | 0.010 | <0.2 | 40 | <1 | 0.61 | 165 | 2 | 6 |
| 207 | N30W55 | DYB | 42283 | 391535 | <1 | 0.009 | <0.2 | 130 | 3 | 1.50 | 115 | 6 | 16 |
| 208 | N30W50 | DYB | 42283 | 391537 | <1 | 0.010 | <0.2 | 110 | 4 | 1.30 | 205 | 2 | 14 |
| 209 | N30W45 | PYB | 42283 | 391540 | <1 | 0.011 | <0.2 | 60 | 1 | 0.93 | 20 | 4 | 10 |
| 210 | N30W40 | DYB | 42283 | 391543 | <1 | 0.009 | <0.2 | 200 | 5 | 1.54 | 115 | 12 | 16 |
| 211 | N30W35 | MB | 42283 | 391546 | <1 | 0.011 | <0.2 | 60 | 1 | 0.88 | 100 | 8 | 10 |
| 212 | N30W30 | MB | 42283 | 391548 | <1 | 0.010 | <0.2 | 160 | 4 | 1.73 | 110 | 8 | 18 |
| 213 | N30W25 | DYB | 42283 | 391551 | <1 | 0.013 | <0.2 | 260 | 8 | 2.01 | 190 | 4 | 24 |
| 214 | N30W20 | DYB | 42283 | 391554 | <1 | 0.008 | <0.2 | 180 | 3 | 1.91 | 75 | 12 | 20 |
| 215 | N30W15 | DYB | 42283 | 391556 | <1 | 0.009 | <0.2 | 140 | 3 | 1.44 | 170 | 14 | 14 |
| 216 | N30W10 | DYB | 42283 | 391559 | <1 | 0.015 | <0.2 | 120 | 4 | 1.26 | 30 | 6 | 10 |
| 217 | N30W05 | DYB | 42283 | 391562 | <1 | 0.014 | <0.2 | 110 | 2 | 0.84 | 340 | 8 | 8 |
| 218 | N30E00 | PYB | 42283 | 391565 | <1 | 0.009 | <0.2 | 90 | 1 | 1.16 | 100 | 10 | 10 |
| 219 | N30E05 | MYB | 42283 | 391567 | <1 | 0.008 | <0.2 | 150 | 1 | 1.57 | 130 | <2 | 14 |
| 220 | N30E10 | MYB | 42283 | 391570 | <1 | 0.006 | <0.2 | 130 | 2 | 1.71 | 60 | 2 | 18 |
| 221 | N30E15 | DYB | 42283 | 391573 | <1 | 0.007 | <0.2 | 350 | 2 | 1.28 | 560 | 2 | 22 |
| 222 | N30E20 | DYB | 42283 | 391575 | <1 | 0.001 | <0.2 | 590 | 15 | 1.07 | 135 | 144 | 12 |
| 223 | N30E25 | MYB | 42283 | 391578 | <1 | 0.001 | <0.2 | 130 | 7 | 1.60 | 20 | 34 | 8 |
| 224 | N30E30 | MYB | 42283 | 391581 | <1 | 0.014 | <0.2 | 30 | 2 | 0.39 | 170 | 8 | 2 |
| 225 | N30E35 | MYB | 42283 | 391584 | <1 | 0.013 | <0.2 | 20 | <1 | 0.50 | 70 | 8 | 2 |
| 226 | N30E40 | MYB | 42283 | 391586 | <1 | 0.014 | <0.2 | 50 | <1 | 1.94 | 30 | 6 | 6 |
| 227 | N30E45 | PYB | 42283 | 391589 | <1 | 0.014 | <0.2 | 10 | <1 | 0.41 | 5 | <2 | <2 |
| 228 | N30E50 | PYB | 42283 | 391592 | <1 | 0.013 | <0.2 | 20 | <1 | 0.33 | 20 | 2 | <2 |
| 229 | N30E55 | MYB | 42283 | 391594 | <1 | 0.014 | <0.2 | 30 | <1 | 0.57 | 120 | 4 | 2 |
| 230 | N30E60 | MB | 42283 | 391597 | <1 | 0.013 | <0.2 | 50 | <1 | 1.03 | 265 | 2 | 6 |
| 231 | N30E65 | LB | 42283 | 391600 | <1 | 0.013 | <0.2 | 30 | 1 | 1.18 | 265 | 2 | 6 |
| 232 | N30E70 | LB | 42283 | 391603 | <1 | 0.017 | <0.2 | 10 | <1 | 1.03 | 100 | 2 | 4 |
| 233 | N20W70 | DYB | 42289 | 391527 | <1 | 0.011 | <0.2 | 80 | 1 | 0.96 | 180 | 4 | 10 |
| 234 | N20W65 | DYB | 42289 | 391529 | <1 | 0.012 | <0.2 | 80 | 2 | 1.39 | 60 | 2 | 16 |
| 235 | N20W60 | DYB | 42289 | 391532 | <1 | 0.015 | <0.2 | 200 | 5 | 1.42 | 235 | 6 | 22 |
| 236 | N20W55 | DYB | 42289 | 391535 | <1 | 0.010 | <0.2 | 160 | 5 | 1.72 | 110 | 6 | 22 |
| 237 | N20W50 | MYB | 42289 | 391537 | <1 | 0.014 | <0.2 | 190 | 9 | 2.18 | 125 | 2 | 26 |
| 238 | N20W45 | DYB | 42289 | 391540 | <1 | 0.011 | 0.8 | 80 | 1 | 1.10 | 130 | 6 | 10 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 239 | N20W40 | DYB | 42289 | 391543 | 1 | 0.013 | 0.8 | 80 | 2 | 1.45 | 60 | 6 | 16 |
| 240 | N20W35 | PB | 42289 | 391546 | <1 | 0.008 | <0.2 | 210 | 7 | 1.52 | 230 | 8 | 22 |
| 241 | N20W30 | DYB | 42289 | 391548 | <1 | 0.010 | <0.2 | 40 | <1 | 0.81 | 15 | 8 | 6 |
| 242 | N20W25 | GO | 42289 | 391551 | <1 | 0.013 | <0.2 | 10 | <1 | 0.30 | 50 | 2 | <2 |
| 243 | N20W20 | DYB | 42289 | 391554 | <1 | 0.011 | <0.2 | 70 | <1 | 0.82 | 100 | 6 | 8 |
| 244 | N20W15 | DYB | 42289 | 391556 | <1 | 0.011 | <0.2 | 50 | <1 | 0.67 | 10 | 4 | 4 |
| 245 | N20W10 | MYB | 42289 | 391559 | <1 | 0.010 | <0.2 | 80 | 5 | 2.43 | 625 | 10 | 18 |
| 246 | N20W05 | DYB | 42289 | 391562 | <1 | 0.010 | <0.2 | 40 | <1 | 0.55 | 15 | 2 | 4 |
| 247 | N20E00 | DYB | 42289 | 391565 | 2 | 0.011 | <0.2 | 40 | <1 | 0.56 | 10 | <2 | 4 |
| 248 | N20E05 | DYB | 42289 | 391567 | <1 | 0.012 | <0.2 | 40 | <1 | 0.79 | 15 | 6 | 6 |
| 249 | N20E10 | DYB | 42289 | 391570 | <1 | 0.012 | <0.2 | 30 | <1 | 0.46 | 10 | 2 | 2 |
| 250 | N20E15 | OC | 42289 | 391573 | <1 | 0.010 | <0.2 | 240 | 1 | 0.70 | 135 | <2 | 10 |
| 251 | N20E20 | OC | 42289 | 391575 | <1 | 0.008 | <0.2 | 470 | <1 | 0.97 | 180 | <2 | 12 |
| 252 | N20E25 | DYB | 42289 | 391578 | <1 | 0.010 | <0.2 | 260 | 1 | 0.65 | 160 | 6 | 8 |
| 253 | N20E30 | MYB | 42289 | 391581 | <1 | 0.013 | <0.2 | 20 | <1 | 0.47 | 5 | 2 | 2 |
| 254 | N20E35 | PYB | 42289 | 391584 | 3 | 0.010 | <0.2 | 40 | 1 | 0.98 | 10 | 6 | 4 |
| 255 | N20E40 | DYB | 42289 | 391586 | <1 | 0.014 | <0.2 | 10 | 1 | 0.30 | 105 | 6 | 2 |
| 256 | N20E45 | PYB | 42289 | 391589 | <1 | 0.014 | <0.2 | 10 | <1 | 0.60 | 10 | 2 | <2 |
| 257 | N20E50 | GO | 42289 | 391592 | <1 | 0.012 | <0.2 | 30 | <1 | 0.55 | 15 | 4 | 2 |
| 258 | N20E55 | MYB | 42289 | 391594 | <1 | 0.010 | <0.2 | 20 | <1 | 1.07 | 30 | 4 | 2 |
| 259 | N20E60 | LB | 42289 | 391597 | <1 | 0.010 | <0.2 | 30 | <1 | 0.95 | 55 | 2 | 4 |
| 260 | N20E65 | MYB | 42289 | 391600 | <1 | 0.014 | <0.2 | 30 | <1 | 0.78 | 240 | <2 | 4 |
| 261 | N20E70 | MYB | 42289 | 391603 | <1 | 0.012 | <0.2 | 10 | <1 | 0.60 | 375 | 4 | 4 |
| 262 | N10W70 | DYB | 42294 | 391527 | <1 | 0.009 | <0.2 | 130 | 3 | 1.59 | 190 | 6 | 18 |
| 263 | N10W65 | DYB | 42294 | 391529 | <1 | 0.010 | <0.2 | 70 | 5 | 0.92 | 25 | 6 | 14 |
| 264 | N10W60 | DYB | 42294 | 391532 | <1 | 0.013 | <0.2 | 40 | <1 | 0.69 | 25 | <2 | 6 |
| 265 | N10W55 | DYB | 42294 | 391535 | <1 | 0.010 | <0.2 | 80 | <1 | 0.66 | 195 | 6 | 8 |
| 266 | N10W50 | DYB | 42294 | 391537 | <1 | 0.008 | <0.2 | 80 | 1 | 0.83 | 135 | <2 | 12 |
| 267 | N10W45 | DYB | 42294 | 391540 | <1 | 0.010 | <0.2 | 60 | 1 | 0.86 | 50 | <2 | 10 |
| 268 | N10W40 | PYB | 42294 | 391543 | <1 | 0.008 | <0.2 | 50 | <1 | 0.73 | 30 | <2 | 8 |
| 269 | N10W35 | DYB | 42294 | 391546 | <1 | 0.010 | <0.2 | 80 | <1 | 0.68 | 40 | 4 | 6 |
| 270 | N10W30 | MYB | 42294 | 391548 | <1 | 0.010 | <0.2 | 60 | <1 | 0.84 | 55 | 2 | 8 |
| 271 | N10W25 | DYB | 42294 | 391551 | <1 | 0.014 | <0.2 | 100 | 2 | 0.98 | 85 | 2 | 8 |
| 272 | N10W20 | PYB | 42294 | 391554 | <1 | 0.011 | <0.2 | 40 | <1 | 0.57 | 10 | <2 | 4 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|---------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 273 | N10W15 | PYB | 42294 | 391556 | <1 | 0.011 | <0.2 | 40 | <1 | 0.41 | 10 | <2 | 4 |
| 274 | N10W10 | PYB | 42294 | 391559 | <1 | 0.010 | <0.2 | 50 | <1 | 0.33 | 70 | 4 | 4 |
| 275 | N10W05 | MYB | 42294 | 391562 | <1 | 0.009 | <0.2 | 50 | <1 | 0.44 | 70 | 4 | 4 |
| 276 | N10E00 | GO | 42294 | 391565 | <1 | 0.007 | <0.2 | 80 | 1 | 0.84 | 30 | 10 | 6 |
| 277 | N10E05 | PYB | 42294 | 391567 | <1 | 0.008 | <0.2 | 50 | <1 | 0.62 | 10 | 2 | 4 |
| 278 | N10E10 | DYB | 42294 | 391570 | <1 | 0.010 | <0.2 | 50 | <1 | 1.09 | 5 | 2 | 4 |
| 279 | N10E15 | PYB | 42294 | 391573 | <1 | 0.011 | <0.2 | 20 | <1 | 0.48 | 25 | 4 | 2 |
| 280 | N10E20 | PYB | 42294 | 391575 | <1 | 0.014 | <0.2 | 20 | <1 | 0.39 | 5 | <2 | <2 |
| 281 | N10E25 | DYB | 42294 | 391578 | <1 | 0.012 | <0.2 | 40 | <1 | 0.37 | <5 | 2 | <2 |
| 282 | N10E30 | DYB | 42294 | 391581 | <1 | 0.010 | <0.2 | 30 | <1 | 0.58 | 5 | <2 | 2 |
| 283 | N10E35 | PB | 42294 | 391584 | <1 | 0.013 | <0.2 | 30 | <1 | 0.48 | <5 | 2 | 2 |
| 284 | N10E40 | DYB | 42294 | 391586 | 2 | 0.009 | <0.2 | 210 | <1 | 0.70 | 400 | 10 | 4 |
| 285 | N10E45 | DYB | 42294 | 391589 | <1 | 0.008 | <0.2 | 220 | <1 | 0.84 | 150 | 8 | 6 |
| 286 | N10E50 | MYB | 42294 | 391592 | <1 | 0.011 | <0.2 | 160 | <1 | 0.98 | 10 | <2 | 4 |
| 287 | N10E55 | DYB | 42294 | 391594 | <1 | 0.010 | <0.2 | 260 | <1 | 0.87 | 20 | 2 | 4 |
| 288 | N10E60 | PYB | 42294 | 391597 | <1 | 0.014 | <0.2 | 20 | <1 | 0.40 | 40 | <2 | <2 |
| 289 | N10E65 | PYB | 42294 | 391600 | <1 | 0.013 | <0.2 | 30 | <1 | 0.58 | 330 | <2 | 6 |
| 290 | N10E70 | PYB | 42294 | 391603 | <1 | 0.014 | <0.2 | 30 | <1 | 0.65 | 430 | 6 | 4 |
| 291 | NS00W70 | PB | 42300 | 391527 | <1 | 0.009 | <0.2 | 100 | 1 | 0.81 | 250 | 6 | 10 |
| 292 | NS00W65 | PB | 42300 | 391529 | <1 | 0.009 | <0.2 | 80 | 1 | 0.80 | 275 | 8 | 10 |
| 293 | NS00W60 | PB | 42300 | 391532 | <1 | 0.010 | <0.2 | 60 | <1 | 0.65 | 35 | 2 | 8 |
| 294 | NS00W55 | PB | 42300 | 391535 | <1 | 0.011 | <0.2 | 70 | 1 | 0.80 | 160 | 8 | 10 |
| 295 | NS00W50 | PYB | 42300 | 391537 | <1 | 0.006 | <0.2 | 120 | 3 | 1.17 | 130 | 6 | 16 |
| 296 | NS00W45 | PYB | 42300 | 391540 | <1 | 0.007 | <0.2 | 120 | 3 | 1.37 | 150 | 6 | 16 |
| 297 | NS00W40 | PB | 42300 | 391543 | <1 | 0.011 | <0.2 | 80 | 2 | 0.87 | 90 | 6 | 10 |
| 298 | NS00W35 | PYB | 42300 | 391546 | <1 | 0.011 | <0.2 | 60 | 1 | 0.86 | 15 | 2 | 6 |
| 299 | NS00W30 | PYB | 42300 | 391548 | <1 | 0.008 | <0.2 | 80 | 3 | 0.88 | 95 | 8 | 8 |
| 300 | NS00W25 | PYB | 42300 | 391551 | <1 | 0.011 | <0.2 | 60 | 1 | 0.57 | 70 | 10 | 6 |
| 301 | NS00W20 | PYB | 42300 | 391554 | 3 | 0.012 | <0.2 | 60 | <1 | 1.23 | 40 | 8 | 8 |
| 302 | NS00W15 | PYB | 42300 | 391556 | <1 | 0.010 | <0.2 | 50 | <1 | 0.46 | 10 | 4 | 4 |
| 303 | NS00W10 | PYB | 42300 | 391559 | <1 | 0.008 | <0.2 | 50 | 1 | 0.54 | 20 | 2 | 6 |
| 304 | NS00W05 | PYB | 42300 | 391562 | 4 | 0.009 | <0.2 | 90 | 2 | 1.45 | 20 | 4 | 10 |
| 305 | NS00E00 | GOP | 42300 | 391565 | <1 | 0.016 | <0.2 | 400 | 8 | 2.00 | 160 | 12 | 18 |
| 306 | NS00E05 | GOP | 42300 | 391567 | <1 | 0.019 | <0.2 | 30 | <1 | 0.40 | 5 | 6 | 2 |

Appendix-9

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|---------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 307 | NS00E10 | PB | 42300 | 391570 | <1 | 0.020 | <0.2 | 40 | 2 | 0.31 | 340 | <2 | 2 |
| 308 | NS00E15 | GOP | 42300 | 391573 | <1 | 0.013 | <0.2 | 30 | <1 | 0.38 | 45 | <2 | 2 |
| 309 | NS00E20 | GOP | 42300 | 391575 | <1 | 0.012 | <0.2 | 80 | 1 | 0.48 | 260 | <2 | 4 |
| 310 | NS00E25 | GOP | 42300 | 391578 | <1 | 0.015 | <0.2 | 40 | 1 | 0.44 | 65 | <2 | 2 |
| 311 | NS00E30 | GOP | 42300 | 391581 | <1 | 0.013 | <0.2 | 30 | <1 | 0.46 | 60 | <2 | 2 |
| 312 | NS00E35 | GOP | 42300 | 391584 | <1 | 0.012 | <0.2 | 20 | <1 | 0.29 | 55 | <2 | 2 |
| 313 | NS00E40 | GOP | 42300 | 391586 | <1 | 0.013 | <0.2 | 20 | <1 | 0.25 | 30 | <2 | <2 |
| 314 | NS00E45 | GOP | 42300 | 391589 | <1 | 0.012 | <0.2 | 20 | 1 | 0.51 | 25 | <2 | 2 |
| 315 | NS00E50 | GOP | 42300 | 391592 | <1 | 0.016 | <0.2 | 20 | <1 | 0.37 | 30 | <2 | 2 |
| 316 | NS00E55 | GOP | 42300 | 391594 | <1 | 0.011 | <0.2 | 30 | <1 | 0.64 | 25 | <2 | 2 |
| 317 | NS00E60 | GOP | 42300 | 391597 | <1 | 0.010 | <0.2 | 30 | <1 | 0.47 | 20 | 6 | 2 |
| 318 | NS00E65 | PB | 42300 | 391600 | <1 | 0.010 | <0.2 | 670 | 2 | 1.36 | 565 | 10 | 10 |
| 319 | NS00E70 | PYB | 42300 | 391603 | <1 | 0.013 | <0.2 | 90 | <1 | 0.60 | 25 | 2 | 4 |
| 320 | S10W70 | DC | 42305 | 391527 | <1 | 0.006 | <0.2 | 90 | 2 | 0.93 | 225 | 8 | 12 |
| 321 | S10W65 | PB | 42305 | 391529 | <1 | 0.004 | <0.2 | 110 | 3 | 1.38 | 160 | 6 | 18 |
| 322 | S10W60 | DB | 42305 | 391532 | <1 | 0.004 | <0.2 | 140 | 4 | 1.73 | 210 | 6 | 26 |
| 323 | S10W55 | PB | 42305 | 391535 | <1 | 0.005 | <0.2 | 90 | 2 | 1.32 | 245 | 14 | 18 |
| 324 | S10W50 | DYB | 42305 | 391537 | <1 | 0.003 | <0.2 | 310 | 11 | 2.25 | 355 | 8 | 38 |
| 325 | S10W45 | DB | 42305 | 391540 | 2 | 0.006 | <0.2 | 130 | 4 | 1.55 | 215 | 8 | 16 |
| 326 | S10W40 | PYB | 42305 | 391543 | <1 | 0.008 | <0.2 | 60 | 1 | 0.84 | 155 | 2 | 8 |
| 327 | S10W35 | PYB | 42305 | 391546 | <1 | 0.007 | <0.2 | 50 | <1 | 0.88 | 120 | 8 | 6 |
| 328 | S10W30 | PYB | 42305 | 391548 | <1 | 0.007 | <0.2 | 40 | <1 | 0.32 | 60 | 2 | 2 |
| 329 | S10W25 | PYB | 42305 | 391551 | <1 | 0.003 | 0.2 | 50 | <1 | 0.56 | 10 | 8 | 4 |
| 330 | S10W20 | PYB | 42305 | 391554 | 4 | 0.005 | <0.2 | 60 | 1 | 0.73 | 175 | 2 | 8 |
| 331 | S10W15 | PYB | 42305 | 391556 | <1 | 0.004 | <0.2 | 60 | <1 | 0.77 | 335 | 8 | 6 |
| 332 | S10W10 | PYB | 42305 | 391559 | <1 | 0.004 | <0.2 | 120 | 1 | 1.07 | 205 | 4 | 10 |
| 333 | S10W05 | PB | 42305 | 391562 | <1 | 0.003 | <0.2 | 100 | 2 | 1.64 | 30 | 8 | 10 |
| 334 | S10E70 | PYB | 42305 | 391565 | <1 | 0.004 | <0.2 | 210 | 6 | 1.47 | 180 | 10 | 14 |
| 335 | S10E05 | PYB | 42305 | 391567 | 2 | 0.008 | <0.2 | 20 | 1 | 0.22 | 20 | <2 | 2 |
| 336 | S10E10 | PYB | 42305 | 391570 | <1 | 0.006 | 0.2 | 40 | 1 | 0.30 | 160 | 2 | 2 |
| 337 | S10E15 | PYB | 42305 | 391573 | <1 | 0.006 | <0.2 | 20 | 1 | 0.32 | 135 | <2 | 2 |
| 338 | S10E20 | PYB | 42305 | 391575 | <1 | 0.007 | <0.2 | 20 | 1 | 0.35 | 135 | <2 | 2 |
| 339 | S10E25 | YG | 42305 | 391578 | <1 | 0.006 | 0.2 | 10 | <1 | 0.29 | 95 | <2 | 2 |
| 340 | S10E30 | YG | 42305 | 391581 | <1 | 0.006 | 0.2 | 10 | <1 | 0.30 | 210 | <2 | 2 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 341 | S10E35 | PYB | 42305 | 391584 | <1 | 0.009 | 0.2 | 10 | <1 | 0.35 | 45 | <2 | 2 |
| 342 | S10E40 | PYB | 42305 | 391586 | <1 | 0.007 | <0.2 | 20 | 1 | 0.49 | 80 | <2 | 4 |
| 343 | S10E45 | MB | 42305 | 391589 | <1 | 0.008 | <0.2 | 40 | 3 | 0.73 | 510 | 6 | 28 |
| 344 | S10E50 | MB | 42305 | 391592 | <1 | 0.005 | <0.2 | 20 | 2 | 0.99 | 295 | <2 | 6 |
| 345 | S10E55 | MYB | 42305 | 391594 | <1 | 0.006 | <0.2 | 10 | <1 | 0.87 | 175 | 6 | 4 |
| 346 | S10E60 | MB | 42305 | 391597 | <1 | 0.004 | <0.2 | 20 | 2 | 0.90 | 450 | 2 | 6 |
| 347 | S10E65 | LB | 42305 | 391600 | <1 | 0.006 | <0.2 | 20 | 1 | 0.97 | 345 | 2 | 6 |
| 348 | S10E70 | MB | 42305 | 391603 | <1 | 0.008 | 0.2 | 40 | 1 | 1.07 | 315 | 4 | 8 |
| 349 | S20W70 | PYB | 42310 | 391527 | <1 | 0.003 | <0.2 | 60 | 1 | 0.84 | 135 | 4 | 8 |
| 350 | S20W65 | PYB | 42310 | 391529 | <1 | 0.002 | <0.2 | 120 | 6 | 1.53 | 245 | 10 | 18 |
| 351 | S20W60 | PYB | 42310 | 391532 | <1 | 0.002 | <0.2 | 120 | 4 | 1.55 | 380 | 4 | 16 |
| 352 | S20W55 | PB | 42310 | 391535 | <1 | 0.002 | <0.2 | 130 | 6 | 1.62 | 315 | 8 | 14 |
| 353 | S20W50 | PB | 42310 | 391537 | <1 | 0.002 | <0.2 | 100 | 1 | 0.83 | 295 | 6 | 10 |
| 354 | S20W45 | PYB | 42310 | 391540 | 1 | 0.002 | <0.2 | 90 | 2 | 1.13 | 175 | 2 | 10 |
| 355 | S20W40 | PYB | 42310 | 391543 | <1 | 0.004 | <0.2 | 80 | 1 | 0.89 | 105 | 8 | 10 |
| 356 | S20W35 | PYB | 42310 | 391546 | <1 | 0.004 | <0.2 | 80 | 2 | 0.93 | 120 | 6 | 10 |
| 357 | S20W30 | PYB | 42310 | 391548 | <1 | 0.004 | <0.2 | 80 | 3 | 0.93 | 275 | 4 | 12 |
| 358 | S20W25 | PB | 42310 | 391551 | <1 | 0.002 | <0.2 | 80 | 2 | 1.00 | 115 | 4 | 12 |
| 359 | S20W20 | PYB | 42310 | 391554 | <1 | 0.008 | <0.2 | 100 | 3 | 1.06 | 85 | 6 | 12 |
| 360 | S20W15 | PYB | 42310 | 391556 | <1 | 0.005 | <0.2 | 160 | 6 | 1.40 | 115 | 8 | 16 |
| 361 | S20W10 | PYB | 42310 | 391559 | <1 | 0.003 | <0.2 | 540 | 9 | 1.92 | 150 | 2 | 28 |
| 362 | S20W05 | PYB | 42310 | 391562 | <1 | 0.002 | <0.2 | 410 | 6 | 1.94 | 675 | 12 | 30 |
| 363 | S20EW0 | PYB | 42310 | 391565 | <1 | 0.007 | <0.2 | 30 | <1 | 0.21 | 5 | <2 | <2 |
| 364 | S20E05 | | 42310 | 391567 | <1 | 0.005 | <0.2 | 30 | <1 | 0.34 | 50 | 2 | <2 |
| 365 | S20E10 | PYB | 42310 | 391570 | <1 | 0.008 | <0.2 | 30 | <1 | 0.39 | 105 | 6 | 2 |
| 366 | S20E15 | PYB | 42310 | 391573 | <1 | 0.008 | <0.2 | 20 | <1 | 0.34 | 75 | 12 | 2 |
| 367 | S20E20 | GOP | 42310 | 391575 | 1 | 0.007 | <0.2 | 20 | <1 | 0.39 | 45 | 4 | 2 |
| 368 | S20E25 | GO | 42310 | 391578 | <1 | 0.009 | <0.2 | 20 | <1 | 0.32 | 175 | <2 | 2 |
| 369 | S20E30 | PYB | 42310 | 391581 | <1 | 0.009 | <0.2 | 20 | <1 | 0.24 | 20 | <2 | <2 |
| 370 | S20E35 | | 42310 | 391584 | <1 | 0.011 | <0.2 | 10 | <1 | 0.38 | 75 | 4 | <2 |
| 371 | S20E40 | GOP | 42310 | 391586 | <1 | 0.006 | <0.2 | 10 | <1 | 0.34 | 115 | 2 | 2 |
| 372 | S20E45 | MB | 42310 | 391589 | 1 | 0.005 | <0.2 | 10 | 1 | 0.79 | 345 | 6 | 4 |
| 373 | S20E50 | LB | 42310 | 391592 | <1 | 0.005 | <0.2 | 20 | 2 | 1.03 | 575 | 10 | 6 |
| 374 | S20E55 | MB | 42310 | 391594 | <1 | 0.012 | <0.2 | 40 | 4 | 1.04 | 575 | 4 | 8 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 375 | S20E60 | MB | 42310 | 391597 | <1 | 0.005 | <0.2 | 40 | 3 | 1.46 | 530 | 2 | 10 |
| 376 | S20E65 | RB | 42310 | 391600 | <1 | 0.002 | <0.2 | 150 | 7 | 1.77 | 890 | 6 | 12 |
| 377 | S20E70 | MB | 42310 | 391603 | <1 | 0.012 | <0.2 | 100 | 8 | 2.51 | 885 | 4 | 14 |
| 378 | S30W70 | PYB | 42316 | 391527 | <1 | 0.002 | <0.2 | 200 | 11 | 1.88 | 650 | 14 | 32 |
| 379 | S30W65 | PYB | 42316 | 391529 | <1 | 0.002 | <0.2 | 140 | 5 | 1.82 | 395 | 16 | 16 |
| 380 | S30W60 | PYB | 42316 | 391532 | <1 | 0.003 | <0.2 | 40 | <1 | 0.74 | 50 | 6 | 6 |
| 381 | S30W55 | PYB | 42316 | 391535 | <1 | 0.222 | <0.2 | 50 | <1 | 0.89 | 265 | 12 | 8 |
| 382 | S30W50 | PB | 42316 | 391537 | 2 | 0.006 | <0.2 | 130 | 3 | 1.05 | 350 | 12 | 14 |
| 383 | S30W45 | PYB | 42316 | 391540 | <1 | 0.002 | <0.2 | 180 | 5 | 1.65 | 330 | 14 | 18 |
| 384 | S30W40 | PYB | 42316 | 391543 | <1 | 0.002 | <0.2 | 80 | 1 | 0.91 | 310 | 12 | 12 |
| 385 | S30W35 | PB | 42316 | 391546 | <1 | 0.002 | <0.2 | 170 | 5 | 1.81 | 195 | 14 | 22 |
| 386 | S30W30 | PYB | 42316 | 391548 | 3 | 0.002 | <0.2 | 90 | 2 | 0.95 | 60 | 12 | 10 |
| 387 | S30W25 | PYB | 42316 | 391551 | 1 | 0.002 | <0.2 | 140 | 4 | 1.65 | 40 | 10 | 16 |
| 388 | S30W20 | PYB | 42316 | 391554 | <1 | 0.002 | <0.2 | 180 | 6 | 1.82 | 50 | 6 | 18 |
| 389 | S30W15 | LOG | 42316 | 391556 | <1 | 0.002 | <0.2 | 420 | 3 | 1.64 | 330 | 16 | 22 |
| 390 | S30W10 | LGG | 42316 | 391559 | 1 | 0.001 | <0.2 | 550 | 10 | 2.18 | 200 | 6 | 40 |
| 391 | S30W05 | LOG | 42316 | 391562 | <1 | 0.001 | <0.2 | 1270 | <1 | 1.46 | 365 | 14 | 12 |
| 392 | S30E70 | GOP | 42316 | 391565 | <1 | 0.002 | <0.2 | 40 | <1 | 0.70 | 5 | <2 | 2 |
| 393 | S30E05 | PYB | 42316 | 391567 | <1 | 0.004 | <0.2 | 30 | <1 | 0.37 | 30 | <2 | 2 |
| 394 | S30E10 | PYB | 42316 | 391570 | 1 | 0.004 | <0.2 | 30 | <1 | 0.23 | 90 | <2 | 2 |
| 395 | S30E15 | PYB | 42316 | 391573 | <1 | 0.002 | <0.2 | 30 | <1 | 0.40 | 105 | <2 | 2 |
| 396 | S30E20 | PYB | 42316 | 391575 | 1 | 0.003 | <0.2 | 30 | <1 | 0.36 | 110 | <2 | 2 |
| 397 | S30E25 | PYB | 42316 | 391578 | <1 | 0.003 | <0.2 | 50 | <1 | 0.40 | 115 | <2 | 2 |
| 398 | S30E30 | PYB | 42316 | 391581 | <1 | 0.005 | <0.2 | 10 | <1 | 0.30 | 65 | <2 | 2 |
| 399 | S30E35 | PYB | 42316 | 391584 | <1 | 0.004 | <0.2 | 30 | <1 | 0.38 | 420 | 4 | 4 |
| 400 | S30E40 | GOP | 42316 | 391586 | <1 | 0.004 | <0.2 | 10 | <1 | 0.19 | 85 | <2 | 2 |
| 401 | S30E45 | PYB | 42316 | 391589 | <1 | 0.004 | <0.2 | 10 | <1 | 0.35 | 125 | <2 | 2 |
| 402 | S30E50 | LB | 42316 | 391592 | <1 | 0.003 | <0.2 | 50 | 1 | 0.89 | 1000 | 6 | 8 |
| 403 | S30E55 | LB | 42316 | 391594 | <1 | 0.003 | <0.2 | 60 | 3 | 1.35 | 660 | 10 | 10 |
| 404 | S30E60 | PRB | 42316 | 391597 | <1 | 0.002 | <0.2 | 70 | 4 | 2.29 | 695 | 8 | 12 |
| 405 | S30E65 | PR | 42316 | 391600 | <1 | 0.003 | <0.2 | 50 | 2 | 1.73 | 805 | 8 | 10 |
| 406 | S30E70 | PR | 42316 | 391603 | <1 | 0.004 | <0.2 | 40 | 4 | 1.89 | 755 | 6 | 14 |
| 407 | S40W70 | DYB | 42321 | 391527 | 1 | 0.006 | <0.2 | 110 | 2 | 1.10 | 220 | 6 | 12 |
| 408 | S40W65 | DYB | 42321 | 391529 | <1 | 0.004 | <0.2 | 140 | 4 | 1.46 | 180 | 6 | 16 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 409 | S40W60 | DYB | 42321 | 391532 | <1 | 0.004 | <0.2 | 190 | 8 | 1.92 | 295 | 10 | 26 |
| 410 | S40W55 | MB | 42321 | 391535 | <1 | 0.009 | <0.2 | 160 | 7 | 2.34 | 250 | 10 | 28 |
| 411 | S40W50 | MB | 42321 | 391537 | <1 | 0.003 | <0.2 | 290 | 11 | 2.81 | 385 | 14 | 30 |
| 412 | S40W45 | MYB | 42321 | 391540 | <1 | 0.004 | <0.2 | 130 | 4 | 1.80 | 80 | 6 | 20 |
| 413 | S40W40 | DYB | 42321 | 391543 | <1 | 0.005 | <0.2 | 110 | 4 | 1.53 | 80 | 2 | 18 |
| 414 | S40W35 | MYB | 42321 | 391546 | <1 | 0.008 | <0.2 | 160 | 8 | 2.00 | 130 | 8 | 22 |
| 415 | S40W30 | MYB | 42321 | 391548 | <1 | 0.004 | <0.2 | 210 | 8 | 1.62 | 45 | 4 | 16 |
| 416 | S40W25 | MYB | 42321 | 391551 | <1 | 0.008 | <0.2 | 100 | 3 | 1.78 | 45 | 4 | 12 |
| 417 | S40W20 | DYB | 42321 | 391554 | <1 | 0.009 | <0.2 | 140 | 8 | 1.74 | 215 | 10 | 24 |
| 418 | S40W15 | YG | 42321 | 391556 | <1 | 0.003 | <0.2 | 710 | 4 | 1.61 | 130 | 8 | 18 |
| 419 | S40W10 | YG | 42321 | 391559 | <1 | 0.004 | <0.2 | 1540 | 1 | 1.31 | 135 | 4 | 14 |
| 420 | S40W05 | LOG | 42321 | 391562 | 1 | 0.003 | <0.2 | 520 | 3 | 2.04 | 250 | 4 | 22 |
| 421 | S40W00 | PYB | 42321 | 391565 | <1 | 0.002 | <0.2 | 140 | 1 | 1.19 | 65 | 8 | 6 |
| 422 | S40E05 | PYB | 42321 | 391567 | <1 | 0.003 | <0.2 | 140 | 1 | 1.49 | 30 | 4 | 4 |
| 423 | S40E10 | PR | 42321 | 391570 | <1 | 0.003 | <0.2 | 20 | <1 | 0.36 | 35 | 2 | 2 |
| 424 | S40E15 | PR | 42321 | 391573 | <1 | 0.004 | <0.2 | 20 | <1 | 0.33 | 105 | 2 | 2 |
| 425 | S40E20 | PB | 42321 | 391575 | <1 | 0.001 | <0.2 | 100 | 3 | 0.87 | 495 | 4 | 12 |
| 426 | S40E25 | PYB | 42321 | 391578 | <1 | 0.003 | <0.2 | 40 | <1 | 0.32 | 10 | 4 | 2 |
| 427 | S40E30 | PYB | 42321 | 391581 | <1 | 0.003 | <0.2 | 30 | <1 | 0.44 | 325 | 6 | 4 |
| 428 | S40E35 | PYB | 42321 | 391584 | <1 | 0.003 | <0.2 | 20 | <1 | 0.44 | 225 | 10 | 4 |
| 429 | S40E40 | PYB | 42321 | 391586 | <1 | 0.002 | <0.2 | 50 | 2 | 0.68 | 255 | 14 | 14 |
| 430 | S40E45 | DYB | 42321 | 391589 | <1 | 0.002 | 0.2 | 50 | 2 | 0.61 | 80 | 2 | 6 |
| 431 | S40E50 | DYB | 42321 | 391592 | <1 | 0.003 | <0.2 | 30 | 1 | 0.51 | 235 | <2 | 4 |
| 432 | S40E55 | PYB | 42321 | 391594 | 1 | 0.002 | <0.2 | 20 | 1 | 0.43 | 190 | <2 | 2 |
| 433 | S40E60 | PYB | 42321 | 391597 | <1 | 0.006 | 0.2 | 10 | 1 | 0.52 | 255 | <2 | 4 |
| 434 | S40E65 | MB | 42321 | 391600 | <1 | 0.006 | <0.2 | 30 | 1 | 0.83 | 485 | <2 | 6 |
| 435 | S40E70 | PB | 42321 | 391603 | <1 | 0.004 | <0.2 | 100 | 8 | 1.41 | 950 | 2 | 20 |
| 436 | S50W70 | PYB | 42327 | 391527 | <1 | 0.008 | 0.2 | 90 | 2 | 0.98 | 175 | 10 | 8 |
| 437 | S50W65 | PYB | 42327 | 391529 | <1 | 0.009 | <0.2 | 130 | 2 | 1.21 | 285 | 12 | 12 |
| 438 | S50W60 | PYB | 42327 | 391532 | <1 | 0.011 | 0.4 | 110 | 4 | 1.11 | 320 | 8 | 10 |
| 439 | S50W55 | PYB | 42327 | 391535 | <1 | 0.010 | 0.2 | 60 | 2 | 0.98 | 20 | 12 | 8 |
| 440 | S50W50 | DYB | 42327 | 391537 | <1 | 0.008 | <0.2 | 190 | 8 | 1.82 | 210 | 12 | 20 |
| 441 | S50W45 | MYB | 42327 | 391540 | <1 | 0.011 | <0.2 | 180 | 5 | 1.63 | 465 | 8 | 18 |
| 442 | S50W40 | MYB | 42327 | 391543 | <1 | 0.009 | 0.2 | 110 | 3 | 1.68 | 80 | 8 | 16 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 443 | S50W35 | DYB | 42327 | 391546 | <1 | 0.006 | <0.2 | 470 | 12 | 1.69 | 405 | 10 | 24 |
| 444 | S50W30 | DYB | 42327 | 391548 | <1 | 0.009 | 0.2 | 90 | 2 | 0.73 | 20 | 8 | 8 |
| 445 | S50W25 | PB | 42327 | 391551 | <1 | 0.012 | <0.2 | 120 | 2 | 0.58 | 175 | 4 | 6 |
| 446 | S50W20 | MYB | 42327 | 391554 | <1 | 0.010 | 0.2 | 50 | <1 | 0.96 | 10 | 6 | 4 |
| 447 | S50W15 | DYB | 42327 | 391556 | 1 | 0.014 | <0.2 | 40 | <1 | 0.49 | 70 | 2 | 2 |
| 448 | S50W10 | DYB | 42327 | 391559 | <1 | 0.013 | <0.2 | 80 | <1 | 0.59 | 365 | 4 | 4 |
| 449 | S50W05 | DYB | 42327 | 391562 | <1 | 0.014 | 0.2 | 80 | <1 | 0.93 | 35 | 8 | 4 |
| 450 | S50E00 | MYB | 42327 | 391565 | <1 | 0.006 | <0.2 | 90 | <1 | 1.14 | 25 | <2 | 6 |
| 451 | S50E05 | PYB | 42327 | 391567 | <1 | 0.003 | <0.2 | 340 | 7 | 1.54 | 230 | 6 | 22 |
| 452 | S50E10 | MYB | 42327 | 391570 | 4 | 0.006 | <0.2 | 110 | 5 | 1.14 | 225 | 6 | 12 |
| 453 | S50E15 | DYB | 42327 | 391573 | <1 | 0.007 | <0.2 | 100 | 6 | 0.96 | 285 | 4 | 14 |
| 454 | S50E20 | MYB | 42327 | 391575 | <1 | 0.010 | <0.2 | 60 | 2 | 0.62 | 105 | <2 | 8 |
| 455 | S50E25 | DYB | 42327 | 391578 | <1 | 0.014 | <0.2 | 110 | 5 | 1.09 | 250 | <2 | 16 |
| 456 | S50E30 | PYB | 42327 | 391581 | <1 | 0.0014 | <0.2 | 70 | 3 | 0.73 | 165 | 4 | 10 |
| 457 | S50E35 | DYB | 42327 | 391584 | <1 | 0.0012 | <0.2 | 160 | 8 | 1.40 | 435 | 2 | 24 |
| 458 | S50E40 | DYB | 42327 | 391586 | <1 | 0.0013 | <0.2 | 50 | 1 | 0.62 | 135 | <2 | 6 |
| 459 | S50E45 | DYB | 42327 | 391589 | 1 | 0.0012 | <0.2 | 40 | 2 | 0.61 | 140 | 4 | 6 |
| 460 | S50E50 | PB | 42327 | 391592 | <1 | 0.0013 | <0.2 | 30 | 1 | 0.49 | 150 | <2 | 6 |
| 461 | S50E55 | DYB | 42327 | 391594 | <1 | 0.0013 | <0.2 | 70 | 4 | 0.65 | 325 | <2 | 12 |
| 462 | S50E60 | PYB | 42327 | 391597 | <1 | 0.0010 | <0.2 | 140 | 8 | 0.95 | 265 | 10 | 12 |
| 463 | S50E65 | DYB | 42327 | 391600 | <1 | 0.0012 | <0.2 | 60 | 2 | 0.58 | 175 | 4 | 8 |
| 464 | S50E70 | MYB | 42327 | 391603 | <1 | 0.0010 | <0.2 | 40 | 2 | 0.57 | 115 | 4 | 6 |
| 465 | S60W70 | DYB | 42332 | 391527 | <1 | 0.011 | <0.2 | 100 | 2 | 0.83 | 275 | 6 | 8 |
| 466 | S60W65 | DYB | 42332 | 391529 | <1 | 0.013 | <0.2 | 80 | 1 | 1.03 | 170 | 4 | 8 |
| 467 | S60W60 | DYB | 42332 | 391532 | <1 | 0.013 | <0.2 | 140 | 2 | 1.03 | 200 | 8 | 10 |
| 468 | S60W55 | PYB | 42332 | 391535 | <1 | 0.008 | <0.2 | 260 | 5 | 1.73 | 455 | 8 | 20 |
| 469 | S60W50 | PYB | 42332 | 391537 | <1 | 0.012 | <0.2 | 90 | 1 | 0.92 | 35 | <2 | 8 |
| 470 | S60W45 | DYB | 42332 | 391540 | 1 | 0.011 | <0.2 | 200 | 6 | 1.75 | 75 | 4 | 20 |
| 471 | S60W40 | MYB | 42332 | 391543 | <1 | 0.010 | <0.2 | 190 | 5 | 1.44 | 100 | 6 | 18 |
| 472 | S60W35 | DYB | 42332 | 391546 | <1 | 0.013 | <0.2 | 70 | 1 | 0.60 | 100 | 4 | 6 |
| 473 | S60W30 | DYB | 42332 | 391548 | <1 | 0.013 | <0.2 | 80 | <1 | 0.67 | 35 | 4 | 6 |
| 474 | S60W25 | DYB | 42332 | 391551 | <1 | 0.008 | <0.2 | 100 | 1 | 1.14 | 50 | 4 | 8 |
| 475 | S60W20 | MYB | 42332 | 391554 | <1 | 0.007 | <0.2 | 90 | 2 | 1.29 | 165 | <2 | 8 |
| 476 | S60W15 | PB | 42332 | 391556 | 2 | 0.010 | <0.2 | 50 | <1 | 0.65 | 85 | <2 | 4 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 477 | S60W10 | PB | 42332 | 391559 | <1 | 0.010 | <0.2 | 50 | <1 | 0.59 | 70 | <2 | 2 |
| 478 | S60W05 | PB | 42332 | 391562 | <1 | 0.011 | <0.2 | 30 | <1 | 0.33 | 50 | <2 | 2 |
| 479 | S60E70 | PB | 42332 | 391565 | <1 | 0.013 | 0.2 | 50 | 3 | 0.46 | 80 | 8 | 6 |
| 480 | S60E05 | PB | 42332 | 391567 | <1 | 0.009 | <0.2 | 60 | 4 | 0.58 | 165 | 2 | 10 |
| 481 | S60E10 | DYB | 42332 | 391570 | <1 | 0.010 | <0.2 | 90 | 5 | 0.81 | 250 | 6 | 16 |
| 482 | S60E15 | DYB | 42332 | 391573 | <1 | 0.010 | <0.2 | 120 | 7 | 1.16 | 300 | 2 | 16 |
| 483 | S60E20 | DYB | 42332 | 391575 | <1 | 0.012 | <0.2 | 60 | 4 | 0.90 | 320 | 6 | 10 |
| 484 | S60E25 | DYB | 42332 | 391578 | <1 | 0.014 | <0.2 | 20 | 2 | 0.45 | 155 | 6 | 4 |
| 485 | S60E30 | DYB | 42332 | 391581 | <1 | 0.013 | <0.2 | 50 | 1 | 0.34 | 315 | 6 | 4 |
| 486 | S60E35 | DYB | 42332 | 391584 | <1 | 0.010 | <0.2 | 40 | 3 | 0.62 | 115 | 4 | 8 |
| 487 | S60E40 | DYB | 42332 | 391586 | <1 | 0.010 | <0.2 | 60 | 4 | 0.87 | 220 | 6 | 12 |
| 488 | S60E45 | DYB | 42332 | 391589 | <1 | 0.011 | <0.2 | 70 | 3 | 0.64 | 210 | 2 | 12 |
| 489 | S60E50 | PYB | 42332 | 391592 | <1 | 0.010 | <0.2 | 60 | 5 | 0.84 | 175 | 8 | 10 |
| 490 | S60E55 | DYB | 42332 | 391594 | <1 | 0.008 | <0.2 | 360 | 7 | 1.16 | 365 | 6 | 16 |
| 491 | S60E60 | DYB | 42332 | 391597 | <1 | 0.009 | <0.2 | 70 | 2 | 0.52 | 175 | <2 | 6 |
| 492 | S60E65 | DYB | 42332 | 391600 | <1 | 0.009 | <0.2 | 110 | 4 | 0.63 | 355 | 2 | 10 |
| 493 | S60E70 | DYB | 42332 | 391603 | 1 | 0.014 | <0.2 | 20 | <1 | 0.39 | 85 | 2 | 2 |
| 494 | S70W70 | PYB | 42337 | 391527 | <1 | 0.016 | <0.2 | 20 | <1 | 0.26 | 105 | 2 | 2 |
| 495 | S70W65 | PYB | 42337 | 391529 | <1 | 0.018 | <0.2 | 10 | 1 | 0.19 | 110 | 10 | 4 |
| 486 | S70W60 | PYB | 42337 | 391532 | 1 | 0.013 | <0.2 | 20 | <1 | 0.23 | 100 | 2 | 2 |
| 487 | S70W55 | DYB | 42337 | 391535 | <1 | 0.018 | 0.2 | 50 | 2 | 0.62 | 265 | 4 | 6 |
| 488 | S70W50 | PYB | 42337 | 391537 | <1 | 0.016 | <0.2 | 50 | 2 | 0.72 | 80 | 10 | 8 |
| 489 | S70W45 | DYB | 42337 | 391540 | <1 | 0.014 | <0.2 | 50 | 1 | 0.50 | 185 | 12 | 6 |
| 500 | S70W40 | PYB | 42337 | 391543 | <1 | 0.012 | <0.2 | 390 | 12 | 2.18 | 350 | 10 | 34 |
| 501 | S70W35 | DYB | 42337 | 391546 | <1 | 0.013 | <0.2 | 80 | 3 | 1.12 | 55 | 4 | 16 |
| 502 | S70W30 | DYB | 42337 | 391548 | <1 | 0.015 | <0.2 | 110 | 4 | 1.15 | 115 | 4 | 14 |
| 503 | S70W25 | DYB | 42337 | 391551 | <1 | 0.012 | <0.2 | 200 | 11 | 1.47 | 635 | 2 | 24 |
| 504 | S70W20 | DYB | 42337 | 391554 | <1 | 0.011 | <0.2 | 40 | 1 | 0.54 | 130 | 2 | 6 |
| 505 | S70W15 | DYB | 42337 | 391556 | <1 | 0.013 | <0.2 | 100 | 4 | 1.05 | 290 | 4 | 16 |
| 506 | S70W10 | PYB | 42337 | 391558 | <1 | 0.016 | <0.2 | 150 | 5 | 1.25 | 345 | 4 | 20 |
| 507 | S70W05 | PYB | 42337 | 391562 | <1 | 0.021 | <0.2 | 150 | 6 | 1.20 | 335 | 6 | 20 |
| 508 | S70E70 | PYB | 42337 | 391565 | <1 | 0.012 | 0.2 | 60 | 5 | 0.59 | 170 | 6 | 8 |
| 509 | S70E05 | BC | 42337 | 391567 | <1 | 0.014 | <0.2 | 120 | 8 | 0.93 | 395 | 14 | 20 |
| 510 | S70E10 | PYB | 42337 | 391570 | <1 | 0.013 | 0.4 | 30 | 3 | 0.65 | 355 | 8 | 6 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 511 | S70E15 | PYB | 42337 | 391573 | <1 | 0.014 | <0.2 | 30 | 4 | 0.77 | 360 | 10 | 8 |
| 512 | S70E20 | PYB | 42337 | 391575 | <1 | 0.011 | <0.2 | 20 | 2 | 0.61 | 375 | 4 | 6 |
| 513 | S70E25 | PYB | 42337 | 391578 | <1 | 0.012 | <0.2 | 10 | 1 | 0.50 | 155 | 4 | 2 |
| 514 | S70E30 | MYB | 42337 | 391581 | <1 | 0.011 | 0.2 | 70 | 3 | 0.99 | 800 | 10 | 8 |
| 515 | S70E35 | MYB | 42337 | 391584 | <1 | 0.016 | <0.2 | 20 | 2 | 0.89 | 210 | 6 | 4 |
| 516 | S70E40 | DYB | 42337 | 391586 | <1 | 0.012 | <0.2 | 20 | 1 | 0.51 | 180 | 4 | 2 |
| 517 | S70E45 | PYB | 42337 | 391589 | 3 | 0.008 | <0.2 | 80 | 5 | 0.78 | 1365 | 4 | 16 |
| 518 | S70E50 | PYB | 42337 | 391592 | <1 | 0.009 | <0.2 | 20 | 2 | 0.52 | 295 | 6 | 2 |
| 519 | S70E55 | PYB | 42337 | 391594 | <1 | 0.016 | <0.2 | 40 | <1 | 0.44 | 475 | 4 | 6 |
| 520 | S70E60 | PYB | 42337 | 391597 | 4 | 0.017 | <0.2 | 10 | <1 | 0.45 | 75 | <2 | 2 |
| 521 | S70E65 | PB | 42337 | 391600 | <1 | 0.018 | <0.2 | 30 | <1 | 0.46 | 180 | <2 | 4 |
| 522 | S70E70 | DYB | 42337 | 391603 | <1 | 0.015 | <0.2 | 30 | <1 | 0.38 | 155 | 4 | 2 |
| 523 | S80W70 | PYB | 42343 | 391527 | <1 | 0.016 | <0.2 | 10 | 1 | 0.34 | 170 | 4 | 4 |
| 524 | S80W65 | PYB | 42343 | 391529 | <1 | 0.015 | <0.2 | 20 | 2 | 0.41 | 120 | 4 | 6 |
| 525 | S80W60 | PYB | 42343 | 391532 | <1 | 0.016 | <0.2 | 30 | 7 | 0.37 | 80 | 10 | 14 |
| 526 | S80W55 | PYB | 42343 | 391535 | <1 | 0.017 | <0.2 | 20 | 1 | 0.39 | 70 | <2 | 4 |
| 527 | S80W50 | PYB | 42343 | 391537 | <1 | 0.015 | <0.2 | 20 | 1 | 0.46 | 60 | <2 | 6 |
| 528 | S80W45 | PYB | 42343 | 391540 | <1 | 0.017 | <0.2 | 50 | 3 | 0.65 | 170 | <2 | 10 |
| 529 | S80W40 | PB | 42343 | 391543 | <1 | 0.015 | <0.2 | 50 | 2 | 0.58 | 120 | 2 | 8 |
| 530 | S80W35 | PYB | 42343 | 391546 | <1 | 0.014 | <0.2 | 60 | 3 | 0.66 | 170 | <2 | 10 |
| 531 | S80W30 | PB | 42343 | 391548 | <1 | 0.015 | <0.2 | 60 | 3 | 0.66 | 165 | <2 | 10 |
| 532 | S80W25 | PB | 42343 | 391551 | <1 | 0.013 | <0.2 | 110 | 5 | 1.01 | 250 | 4 | 18 |
| 533 | S80W20 | PB | 42343 | 391554 | <1 | 0.013 | <0.2 | 110 | 9 | 1.11 | 420 | 4 | 20 |
| 534 | S80W15 | DYB | 42343 | 391556 | <1 | 0.014 | 0.2 | 50 | 2 | 0.46 | 265 | 4 | 6 |
| 535 | S80W10 | PB | 42343 | 391559 | <1 | 0.018 | 0.2 | 30 | 2 | 0.55 | 115 | 4 | 6 |
| 536 | S80W05 | PB | 42343 | 391562 | <1 | 0.017 | <0.2 | 110 | 6 | 1.13 | 415 | 8 | 16 |
| 537 | S80W00 | PYB | 42343 | 391565 | 2 | 0.012 | <0.2 | 110 | 7 | 1.90 | 570 | 10 | 22 |
| 538 | S80E05 | PYB | 42343 | 391567 | <1 | 0.016 | <0.2 | 30 | 1 | 0.83 | 230 | 6 | 6 |
| 539 | S80E10 | PYB | 42343 | 391570 | <1 | 0.014 | <0.2 | 20 | 1 | 0.67 | 470 | 4 | 6 |
| 540 | S80E15 | PYB | 42343 | 391573 | <1 | 0.017 | <0.2 | 20 | 1 | 0.58 | 315 | 2 | 6 |
| 541 | S80E20 | PYB | 42343 | 391575 | <1 | 0.013 | <0.2 | 30 | <1 | 0.63 | 630 | <2 | 6 |
| 542 | S80E25 | PYB | 42343 | 391578 | <1 | 0.016 | <0.2 | 10 | <1 | 0.58 | 260 | 2 | 4 |
| 543 | S80E30 | PYB | 42343 | 391581 | <1 | 0.018 | <0.2 | 20 | 1 | 0.53 | 320 | 2 | 2 |
| 544 | S80E35 | PYB | 42343 | 391584 | <1 | 0.015 | <0.2 | 10 | <1 | 0.36 | 190 | <2 | 2 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | As ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 545 | S80E40 | PYB | 42343 | 391586 | <1 | 0.021 | <0.2 | 10 | 1 | 0.38 | 140 | <2 | 2 |
| 546 | S80E45 | PYB | 42343 | 391589 | <1 | 0.017 | 0.2 | 10 | 1 | 0.36 | 160 | <2 | 2 |
| 547 | S80E50 | PYB | 42343 | 391592 | <1 | 0.018 | <0.2 | 20 | 1 | 0.44 | 125 | 2 | 4 |
| 548 | S80E55 | MYB | 42343 | 391594 | <1 | 0.014 | 0.2 | <10 | <1 | 0.35 | 85 | <2 | 2 |
| 549 | S80E60 | PYB | 42343 | 391597 | <1 | 0.015 | 0.2 | 10 | <1 | 0.31 | 110 | 4 | <2 |
| 550 | S80E65 | DYB | 42343 | 391600 | <1 | 0.017 | <0.2 | 60 | 2 | 0.69 | 315 | 6 | 6 |
| 551 | S80E70 | LOG | 42343 | 391603 | <1 | 0.016 | <0.2 | 50 | 2 | 0.57 | 90 | 4 | 4 |
| 552 | S90W70 | PYB | 42348 | 391527 | <1 | 0.013 | <0.2 | 20 | 2 | 0.62 | 155 | 8 | 8 |
| 553 | S90W65 | PB | 42348 | 391529 | <1 | 0.010 | <0.2 | 80 | 9 | 1.12 | 470 | 6 | 20 |
| 554 | S90W60 | PB | 42348 | 391532 | <1 | 0.013 | <0.2 | 20 | 3 | 0.50 | 140 | 4 | 6 |
| 555 | S90W55 | PB | 42348 | 391535 | <1 | 0.015 | <0.2 | 70 | 6 | 0.61 | 275 | 8 | 14 |
| 556 | S90W50 | PB | 42348 | 391537 | <1 | 0.014 | <0.2 | 60 | 3 | 0.62 | 155 | 4 | 12 |
| 557 | S90W45 | DYB | 42348 | 391540 | <1 | 0.025 | <0.2 | 160 | 8 | 1.45 | 280 | 6 | 24 |
| 558 | S90W40 | PYB | 42348 | 391543 | <1 | 0.018 | <0.2 | 110 | 5 | 1.25 | 325 | 6 | 22 |
| 559 | S90W35 | PYB | 42348 | 391546 | <1 | 0.012 | <0.2 | 80 | 5 | 1.12 | 240 | 4 | 16 |
| 560 | S90W30 | MYB | 42348 | 391548 | <1 | 0.013 | <0.2 | 40 | 1 | 0.97 | 320 | 6 | 10 |
| 561 | S90W25 | PYB | 42348 | 391551 | <1 | 0.012 | <0.2 | 20 | <1 | 0.51 | 240 | <2 | 4 |
| 562 | S90W20 | PYB | 42348 | 391554 | <1 | 0.015 | <0.2 | 20 | 1 | 0.49 | 115 | 8 | 4 |
| 563 | S90W15 | PYB | 42348 | 391556 | <1 | 0.009 | <0.2 | 90 | 5 | 1.53 | 460 | 4 | 14 |
| 564 | S90W10 | MYB | 42348 | 391559 | <1 | 0.011 | <0.2 | 70 | 4 | 1.59 | 230 | 8 | 12 |
| 565 | S90W05 | PYB | 42348 | 391562 | <1 | 0.008 | <0.2 | 90 | 4 | 1.05 | 75 | 10 | 10 |
| 566 | S90E00 | CO | 42348 | 391565 | <1 | 0.011 | <0.2 | 40 | 3 | 1.20 | 215 | 10 | 6 |
| 567 | S90E05 | PYB | 42348 | 391567 | <1 | 0.020 | <0.2 | 10 | 2 | 0.37 | 25 | 4 | 4 |
| 568 | S90E10 | MYB | 42348 | 391570 | 1 | 0.016 | <0.2 | 20 | 1 | 0.59 | 410 | 4 | 6 |
| 569 | S90E15 | PB | 42348 | 391573 | <1 | 0.012 | <0.2 | 20 | 2 | 0.49 | 505 | 4 | 6 |
| 570 | S90E20 | DYB | 42348 | 391575 | <1 | 0.013 | <0.2 | 30 | 2 | 0.71 | 390 | 6 | 8 |
| 571 | S90E25 | MYB | 42348 | 391578 | <1 | 0.015 | <0.2 | 20 | 1 | 0.45 | 370 | 4 | 4 |
| 572 | S90E30 | PYB | 42348 | 391581 | <1 | 0.016 | <0.2 | <10 | <1 | 0.33 | 135 | 2 | 2 |
| 573 | S90E35 | DYB | 42348 | 391584 | <1 | 0.013 | <0.2 | 10 | <1 | 0.33 | 180 | 4 | 2 |
| 574 | S90E40 | PYB | 42348 | 391586 | <1 | 0.018 | <0.2 | 20 | <1 | 0.39 | 140 | 6 | 2 |
| 575 | S90E45 | PB | 42348 | 391589 | <1 | 0.017 | <0.2 | 10 | <1 | 0.39 | 235 | 8 | 2 |
| 576 | S90E50 | DYB | 42348 | 391592 | <1 | 0.013 | <0.2 | 30 | <1 | 0.39 | 120 | 6 | 2 |
| 577 | S90E55 | DYB | 42348 | 391594 | <1 | 0.019 | 0.2 | 10 | <1 | 0.36 | 150 | 6 | 2 |
| 578 | S90E60 | PYB | 42348 | 391597 | <1 | 0.015 | <0.2 | 20 | <1 | 0.47 | 90 | 6 | <2 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|---------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 579 | S90E65 | PYB | 42348 | 391600 | <1 | 0.017 | <0.2 | 20 | <1 | 0.33 | 250 | 10 | <2 |
| 580 | S90E70 | PYB | 42348 | 391603 | <1 | 0.013 | <0.2 | 50 | 1 | 0.52 | 345 | 12 | 2 |
| 581 | S100W70 | PB | 42354 | 391527 | 2 | 0.007 | <0.2 | 190 | 6 | 1.73 | 360 | 6 | 24 |
| 582 | S100W65 | DYB | 42354 | 391529 | 2 | 0.007 | <0.2 | 120 | 3 | 1.47 | 225 | 6 | 20 |
| 583 | S100W60 | PYB | 42354 | 391532 | <1 | 0.006 | <0.2 | 60 | 1 | 0.89 | 80 | 2 | 8 |
| 584 | S100W55 | DYB | 42354 | 391535 | <1 | 0.011 | <0.2 | 50 | 2 | 0.81 | 170 | <2 | 8 |
| 585 | S100W50 | PB | 42354 | 391537 | <1 | 0.009 | <0.2 | 60 | 2 | 0.48 | 150 | <2 | 6 |
| 586 | S100W45 | DYB | 42354 | 391540 | <1 | 0.008 | <0.2 | 70 | 2 | 0.59 | 235 | 4 | 6 |
| 587 | S100W40 | PB | 42354 | 391543 | 3 | 0.009 | <0.2 | 40 | <1 | 0.38 | 205 | 4 | 4 |
| 588 | S100W35 | DYB | 42354 | 391546 | <1 | 0.010 | <0.2 | 30 | <1 | 0.44 | 250 | 2 | 2 |
| 589 | S100W30 | DYB | 42354 | 391548 | <1 | 0.013 | <0.2 | 80 | 2 | 0.78 | 570 | 6 | 6 |
| 590 | S100W25 | PB | 42354 | 391551 | <1 | 0.008 | <0.2 | 20 | <1 | 0.58 | 75 | <2 | 2 |
| 591 | S100W20 | PB | 42354 | 391554 | <1 | 0.010 | <0.2 | 20 | 1 | 0.82 | 115 | 6 | 4 |
| 592 | S100W15 | PB | 42354 | 391556 | <1 | 0.012 | <0.2 | 40 | <1 | 0.54 | 100 | 2 | 2 |
| 593 | S100W10 | PB | 42354 | 391559 | <1 | 0.015 | <0.2 | 20 | <1 | 0.43 | 45 | 2 | 2 |
| 594 | S100W05 | DYB | 42354 | 391562 | <1 | 0.012 | <0.2 | 20 | 1 | 0.61 | 385 | 8 | 4 |
| 595 | S100E70 | MYB | 42354 | 391565 | <1 | 0.016 | <0.2 | 20 | 2 | 0.89 | 525 | 4 | 8 |
| 596 | S100E05 | MB | 42354 | 391567 | <1 | 0.019 | <0.2 | 30 | 3 | 1.35 | 555 | <2 | 14 |
| 597 | S100E10 | MB | 42354 | 391570 | <1 | 0.021 | <0.2 | 30 | 3 | 1.21 | 830 | <2 | 12 |
| 598 | S100E15 | MYB | 42354 | 391573 | <1 | 0.017 | <0.2 | 60 | 5 | 1.14 | 1525 | 8 | 16 |
| 599 | S100E20 | PYB | 42354 | 391575 | <1 | 0.018 | <0.2 | 10 | 2 | 0.42 | 245 | <2 | 6 |
| 600 | S100E25 | PYB | 42354 | 391578 | 1 | 0.018 | <0.2 | 10 | <1 | 0.43 | 90 | 4 | 2 |
| 601 | S100E30 | PB | 42354 | 391581 | 2 | 0.015 | <0.2 | 10 | <1 | 0.26 | 145 | 2 | 2 |
| 602 | S100E35 | PB | 42354 | 391584 | <1 | 0.016 | <0.2 | 10 | <1 | 0.23 | 80 | <2 | <2 |
| 603 | S100E40 | PB | 42354 | 391586 | <1 | 0.012 | <0.2 | 40 | 1 | 0.55 | 70 | 8 | 4 |
| 604 | S100E45 | PYB | 42354 | 391589 | <1 | 0.012 | <0.2 | 20 | <1 | 0.52 | 75 | 6 | <2 |
| 605 | S100E50 | PB | 42354 | 391592 | <1 | 0.012 | <0.2 | 60 | 2 | 0.64 | 330 | 6 | 4 |
| 606 | S100E55 | PYB | 42354 | 391594 | <1 | 0.015 | <0.2 | 20 | <1 | 0.44 | 280 | 8 | 2 |
| 607 | S100E60 | PYB | 42354 | 391597 | <1 | 0.017 | <0.2 | 20 | <1 | 0.46 | 170 | 4 | 2 |
| 608 | S100E65 | PYB | 42354 | 391600 | <1 | 0.017 | <0.2 | 20 | <1 | 0.41 | 285 | 2 | <2 |
| 609 | S100E70 | PYB | 42354 | 391603 | <1 | 0.016 | <0.2 | 20 | 1 | 0.47 | 190 | 2 | 4 |
| 610 | SJ0-01 | GB | 42530 | 391225 | 3 | 0.032 | 0.6 | 910 | 132 | 9.57 | 1890 | <2 | 82 |
| 611 | SJ0-02 | B | 42534 | 391298 | 4 | 0.009 | 0.6 | 550 | 169 | 10.10 | 1445 | 4 | 58 |
| 612 | SJ0-03 | GB | 42539 | 391324 | 3 | 0.009 | 0.5 | 490 | 86 | 8.09 | 1495 | <2 | 54 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 613 | SJO-04 | LB | 42548 | 391210 | 3 | 0.011 | 0.2 | 480 | 45 | 4.81 | 960 | 4 | 44 |
| 614 | SJO-05 | DRB | 42549 | 391227 | <1 | 0.027 | 0.2 | 1670 | 50 | 6.32 | 1655 | <2 | 80 |
| 615 | SJO-06 | DB | 42569 | 391298 | <1 | 0.012 | 0.2 | 2250 | 41 | 5.30 | 1555 | 12 | 96 |
| 616 | SJO-07 | RB | 42585 | 391304 | 1 | 0.007 | 0.2 | 500 | 15 | 5.52 | 1180 | 10 | 124 |
| 617 | SJO-08 | GB | 42560 | 391311 | 3 | 0.007 | 0.4 | 700 | 103 | 8.16 | 1465 | 6 | 78 |
| 618 | SJO-09 | LB | 42578 | 391188 | <1 | 0.008 | <0.2 | 150 | 12 | 3.57 | 650 | 8 | 32 |
| 619 | SJO-10 | RB | 42567 | 391215 | <1 | 0.005 | 0.4 | 660 | 35 | 5.08 | 1105 | <2 | 66 |
| 620 | SJO-11 | CB | 42581 | 391319 | <1 | 0.009 | 0.2 | 760 | 22 | 4.74 | 1785 | 2 | 108 |
| 621 | SJO-12 | RB | 42604 | 391193 | 2 | 0.007 | 0.2 | 290 | 43 | 5.57 | 555 | 4 | 48 |
| 622 | SJO-13 | RB | 42619 | 391206 | <1 | 0.007 | 0.3 | 520 | 48 | 6.33 | 790 | 4 | 52 |
| 623 | SJO-14 | B | 42616 | 391243 | 3 | 0.017 | 0.4 | 1000 | 54 | 8.23 | 2220 | 2 | 154 |
| 624 | SJO-15 | RB | 42633 | 391204 | <1 | 0.008 | 0.3 | 210 | 34 | 6.58 | 815 | <2 | 44 |
| 625 | SJO-16 | LB | 42623 | 391230 | <1 | 0.006 | 0.3 | 1020 | 66 | 8.27 | 1345 | <2 | 92 |
| 626 | SJO-17 | GB | 42635 | 391265 | 2 | 0.008 | 0.3 | 550 | 60 | 9.54 | 1745 | <2 | 90 |
| 627 | SJO-18 | GB | 42644 | 391282 | 2 | 0.006 | 0.3 | 940 | 91 | 8.73 | 1960 | <2 | 82 |
| 628 | SJO-19 | GB | 42661 | 391293 | 5 | 0.007 | 0.2 | 450 | 93 | 10.10 | 1420 | <2 | 82 |
| 629 | SJO-20 | DE | 42691 | 391290 | <1 | 0.008 | 0.2 | 720 | 123 | 10.95 | 1895 | <2 | 102 |
| 630 | SMR-01 | MB | 42679 | 391521 | 64 | 0.121 | 0.6 | >10000 | 49 | >15.00 | 3120 | 272 | 1955 |
| 631 | SMR-02 | GB | 42669 | 391538 | 6 | 0.181 | 0.8 | >10000 | 48 | >15.00 | >10000 | 336 | 1000 |
| 632 | SMR-03 | GB | 42857 | 391546 | 15 | 0.071 | 0.5 | >10000 | 39 | >15.00 | >10000 | 190 | 1570 |
| 633 | SMR-04 | MB | 42869 | 391552 | 9 | 0.069 | 0.5 | >10000 | 55 | >15.00 | >10000 | 234 | 1830 |
| 634 | SMR-05 | MB | 42890 | 391524 | 11 | 0.091 | 0.4 | >10000 | 50 | >15.00 | 3440 | 162 | 1110 |
| 635 | SMR-06 | GB | 42881 | 391537 | 1 | 0.078 | 0.3 | 6760 | 39 | >15.00 | >10000 | 214 | 1240 |
| 636 | SMR-07 | GB | 42881 | 391554 | 9 | 0.061 | 0.5 | 6410 | 21 | >15.00 | >10000 | 162 | 1255 |
| 637 | SMR-08 | MB | 42881 | 391567 | 8 | 0.138 | 0.9 | 8630 | 16 | >15.00 | >10000 | 334 | 1205 |
| 638 | SMR-09 | GB | 42884 | 391578 | 4 | 0.171 | 1.0 | 9060 | 7 | >15.00 | >10000 | 386 | 1450 |
| 639 | SMR-10 | LB | 42899 | 391530 | 2 | 0.102 | 0.5 | 7160 | 46 | >15.00 | 2960 | 110 | 1210 |
| 640 | SMR-11 | MB | 42893 | 391538 | 4 | 0.083 | 0.6 | 4940 | 41 | >15.00 | >10000 | 104 | 1175 |
| 641 | SMR-12 | GB | 42897 | 391576 | 2 | 0.136 | 0.7 | 8670 | 15 | >15.00 | >10000 | 312 | 1420 |
| 642 | SMR-13 | LB | 42909 | 391536 | 32 | 0.109 | 0.7 | >10000 | 21 | >15.00 | >10000 | 204 | 1925 |
| 643 | SMR-14 | GB | 42901 | 391543 | 21 | 0.051 | 0.3 | 8270 | 24 | >15.00 | >10000 | 116 | 1570 |
| 644 | SMR-15 | MB | 42915 | 391525 | 27 | 0.060 | 0.6 | 8070 | 16 | >15.00 | 9380 | 124 | 1080 |
| 645 | SMR-16 | GB | 42916 | 391543 | 8 | 0.053 | 0.4 | 5350 | 20 | >15.00 | >10000 | 78 | 1390 |
| 646 | SMR-17 | GB | 42910 | 391548 | 8 | 0.082 | 0.5 | 6050 | 30 | >15.00 | >10000 | 122 | 1575 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 647 | SMR-18 | GB | 42913 | 391560 | 8 | 0.083 | 0.4 | 9880 | 28 | >15.00 | >10000 | 360 | 1735 |
| 648 | SMR-19 | GB | 42915 | 391572 | 11 | 1.890 | 0.8 | >10000 | <1 | >15.00 | >10000 | 626 | 1475 |
| 649 | SMR-20 | MB | 42909 | 391581 | 2 | 1.020 | 0.6 | 9610 | 12 | >15.00 | >10000 | 498 | 1040 |
| 650 | SKN-01 | RB | 35207 | 393906 | <1 | 0.017 | <0.2 | 350 | 1 | 1.52 | 245 | 36 | 16 |
| 651 | SKN-02 | LB | 35212 | 393907 | <1 | 0.022 | <0.2 | 490 | 3 | 1.63 | 485 | 132 | 34 |
| 652 | SKN-03 | B | 35217 | 393909 | <1 | 0.024 | <0.2 | 490 | 2 | 1.37 | 440 | 34 | 10 |
| 653 | SKN-04 | LB | 35222 | 393911 | <1 | 0.022 | <0.2 | 420 | 2 | 2.06 | 725 | 60 | 22 |
| 654 | SKN-05 | LB | 35226 | 393915 | <1 | 0.017 | <0.2 | 290 | <1 | 1.05 | 195 | 78 | 8 |
| 655 | SKN-06 | MB | 35226 | 393920 | 30 | 0.022 | 0.5 | 550 | 1 | 0.75 | 140 | 1180 | 4 |
| 656 | SKN-07 | MB | 35227 | 393924 | 2 | 0.041 | 1.7 | 760 | 1 | 2.09 | 10 | 5220 | 8 |
| 657 | SKN-08 | RB | 35229 | 393929 | 1 | 1.250 | 1.8 | 4740 | 24 | 7.58 | 25 | 1060 | 22 |
| 658 | SKN-09 | RB | 35232 | 393933 | <1 | 2.470 | 0.8 | 4090 | 3 | 7.00 | 25 | 560 | 24 |
| 659 | SKN-10 | RB | 35237 | 393936 | 1 | 1.460 | 1.3 | 3890 | 3 | 6.73 | 50 | 554 | 28 |
| 660 | SKN-11 | RB | 35237 | 393941 | 2 | 1.200 | 0.4 | 4030 | 1 | 6.61 | 225 | 190 | 88 |
| 661 | SKN-12 | MB | 35240 | 393944 | <1 | 0.048 | <0.2 | 1120 | <1 | 1.41 | 125 | 76 | 8 |
| 662 | SKN-13 | LC | 35246 | 393934 | <1 | 0.155 | <0.2 | 2130 | <1 | 0.62 | 115 | 54 | 4 |
| 663 | SKN-14 | RB | 35250 | 393929 | <1 | 0.044 | <0.2 | 1070 | <1 | 1.38 | 125 | 76 | 8 |
| 664 | SKN-15 | RB | 35250 | 393932 | <1 | 0.079 | 1.0 | 2720 | 1 | 3.67 | 40 | 216 | 20 |
| 665 | SKN-16 | RB | 35249 | 393937 | 2 | 0.335 | 1.5 | 4330 | <1 | 3.39 | 20 | 140 | 14 |
| 666 | SKN-17 | RB | 35251 | 393941 | 2 | 0.339 | 0.6 | 3690 | <1 | 1.62 | 15 | 62 | 10 |
| 667 | SKN-18 | LC | 35254 | 393936 | <1 | 0.135 | 0.6 | 2050 | <1 | 0.88 | 80 | 40 | 8 |
| 668 | SKN-19 | RB | 35257 | 393933 | 1 | 0.371 | 2.3 | 2680 | 14 | 5.10 | 25 | 1765 | 70 |
| 669 | SKN-20 | RB | 35242 | 393939 | <1 | 0.333 | 0.5 | 2380 | 1 | 3.89 | 80 | 768 | 20 |
| 670 | SKN-21 | LB | 35244 | 393934 | <1 | 0.028 | <0.2 | 600 | <1 | 0.82 | 70 | 32 | 6 |
| 671 | SKN-22 | LB | 35242 | 393929 | <1 | 0.022 | <0.2 | 370 | <1 | 1.15 | 30 | 40 | 6 |
| 672 | SKN-23 | RB | 35237 | 393927 | 2 | 0.201 | 0.3 | 3010 | 3 | 2.69 | 225 | 508 | 14 |
| 673 | SKN-24 | LB | 35237 | 393923 | 3 | 0.034 | 4.0 | 960 | 7 | 0.91 | 15 | 3840 | 6 |
| 674 | SKN-25 | LB | 35241 | 393920 | <1 | 0.023 | 0.5 | 240 | <1 | 1.11 | 60 | 728 | 6 |
| 675 | SKN-26 | LB | 35245 | 393917 | <1 | 0.028 | 0.2 | 500 | 6 | 1.43 | 440 | 1310 | 22 |
| 676 | SKN-27 | LC | 35247 | 393912 | 2 | 0.016 | <0.2 | 90 | <1 | 1.20 | 310 | 16 | 14 |
| 677 | SKN-28 | LB | 35236 | 393945 | 1 | 0.037 | <0.2 | 1110 | <1 | 2.09 | 70 | 74 | 10 |
| 678 | SKN-29 | RB | 35232 | 393943 | <1 | 0.172 | 0.5 | 1950 | 2 | 5.98 | 20 | 584 | 36 |
| 679 | SKN-30 | RB | 35228 | 393939 | 3 | 0.585 | 0.8 | 3860 | 2 | 11.15 | 30 | 2210 | 42 |
| 680 | SKN-31 | RB | 35225 | 393935 | <1 | 0.698 | 3.6 | 3870 | 1 | 11.10 | 20 | 1660 | 26 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 681 | SKN-32 | RB | 35224 | 393931 | 6 | 0.975 | 3.3 | 3700 | 11 | 8.79 | 55 | 1560 | 28 |
| 682 | SKN-33 | MB | 35225 | 393926 | 7 | 0.056 | 6.0 | 890 | 2 | 1.88 | 225 | 2950 | 12 |
| 683 | SKN-34 | W | 35220 | 393924 | 10 | 0.043 | <0.2 | 1410 | 6 | 1.72 | <5 | 1620 | 8 |
| 684 | SKN-35 | B | 35218 | 393919 | 2 | 0.021 | <0.2 | 360 | <1 | 1.17 | 55 | 128 | 8 |
| 685 | SKN-36 | LB | 35215 | 393916 | <1 | 0.029 | 0.9 | 480 | 11 | 2.07 | 150 | 1215 | 54 |
| 686 | SKN-37 | MB | 35210 | 393914 | <1 | 0.022 | <0.2 | 270 | 1 | 2.81 | 395 | 58 | 22 |
| 687 | SKN-38 | YB | 35205 | 393913 | <1 | 0.015 | <0.2 | 370 | 1 | 2.00 | 350 | 30 | 32 |
| 688 | SKN-39 | RB | 35199 | 393912 | 3 | 0.010 | <0.2 | 150 | <1 | 2.43 | 225 | 18 | 26 |
| 689 | SKN-40 | YB | 35197 | 393908 | <1 | 0.014 | <0.2 | 160 | 1 | 1.67 | 660 | 20 | 38 |
| 690 | SMA-01 | RB | 31637 | 394137 | <1 | 0.027 | <0.2 | 230 | 3 | 2.95 | 55 | 10 | 26 |
| 691 | SMA-02 | RB | 31638 | 394146 | 3 | 0.024 | <0.2 | 220 | 6 | 2.25 | 140 | 14 | 26 |
| 692 | SMA-03 | YB | 31637 | 394154 | <1 | 0.059 | <0.2 | 990 | 21 | 3.11 | 2060 | 16 | 62 |
| 693 | SMA-04 | YB | 31636 | 394167 | <1 | 0.024 | <0.2 | 140 | 11 | 3.03 | 860 | 12 | 38 |
| 694 | SMA-05 | YB | 31670 | 394184 | 1 | 0.023 | <0.2 | 130 | 3 | 1.65 | 110 | 6 | 10 |
| 695 | SMA-06 | YB | 31671 | 394192 | <1 | 0.031 | <0.2 | 120 | 6 | 1.55 | 85 | 18 | 16 |
| 696 | SMA-07 | G | 31671 | 394202 | <1 | 0.023 | <0.2 | 270 | 12 | 2.24 | 1180 | 12 | 42 |
| 697 | SMA-08 | DC | 31673 | 394215 | <1 | 0.037 | <0.2 | 810 | 14 | 2.70 | 2310 | 12 | 46 |
| 698 | SMA-09 | DC | 31723 | 394216 | 1 | 0.029 | <0.2 | 370 | 17 | 3.01 | 1545 | 12 | 48 |
| 699 | SMA-10 | LB | 31724 | 394230 | <1 | 0.039 | <0.2 | 850 | 15 | 3.01 | 910 | 12 | 36 |
| 700 | SMA-11 | LB | 31724 | 394238 | <1 | 0.047 | <0.2 | 1030 | 14 | 2.76 | 1905 | 8 | 50 |
| 701 | SMA-12 | G | 31722 | 394254 | <1 | 0.028 | <0.2 | 320 | 9 | 2.16 | 835 | 6 | 32 |
| 702 | SMA-13 | G | 31774 | 394234 | <1 | 0.024 | <0.2 | 490 | 5 | 1.95 | 305 | 10 | 12 |
| 703 | SMA-14 | LB | 31774 | 394249 | <1 | 0.022 | <0.2 | 260 | 7 | 1.79 | 1095 | 12 | 24 |
| 704 | SMA-15 | G | 31775 | 394267 | <1 | 0.032 | <0.2 | 910 | 7 | 1.67 | 525 | 8 | 20 |
| 705 | SMA-16 | DB | 31774 | 394286 | <1 | 0.026 | <0.2 | 190 | 9 | 2.05 | 2020 | 6 | 40 |
| 706 | SMA-17 | G | 31824 | 394260 | <1 | 0.041 | <0.2 | 950 | 7 | 1.32 | 385 | 6 | 18 |
| 707 | SMA-18 | G | 31824 | 394274 | 3 | 0.022 | <0.2 | 170 | 6 | 1.62 | 525 | 4 | 20 |
| 708 | SMA-19 | G | 31827 | 394289 | 1 | 0.037 | <0.2 | 1170 | 6 | 1.47 | 735 | 8 | 18 |
| 709 | SMA-20 | LB | 31828 | 394307 | <1 | 0.021 | <0.2 | 130 | 2 | 1.06 | 130 | 4 | 6 |
| 710 | SMA-21 | LB | 31638 | 394115 | <1 | 0.028 | <0.2 | 70 | 10 | 4.70 | 315 | 20 | 30 |
| 711 | SMA-22 | MRB | 31640 | 394106 | <1 | 0.009 | <0.2 | 20 | 5 | 3.94 | 65 | 12 | 14 |
| 712 | SMA-23 | RB | 31641 | 394096 | 1 | 0.011 | <0.2 | 60 | 9 | 4.02 | 215 | 32 | 28 |
| 713 | SMA-24 | LB | 31643 | 394082 | 1 | 0.010 | <0.2 | 230 | 9 | 3.70 | 1010 | 16 | 40 |
| 714 | SMA-25 | RB | 31675 | 394165 | <1 | 0.023 | <0.2 | 20 | 5 | 2.96 | 85 | 16 | 14 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 715 | SMA-26 | RB | 31677 | 394150 | <1 | 0.017 | <0.2 | 30 | 7 | 2.99 | 225 | 16 | 20 |
| 716 | SMA-27 | RB | 31677 | 394137 | <1 | 0.022 | <0.2 | 40 | 7 | 3.45 | 80 | 16 | 22 |
| 717 | SMA-28 | RB | 31678 | 394119 | <1 | 0.030 | <0.2 | 30 | 8 | 5.80 | 140 | 10 | 26 |
| 718 | SMA-29 | LB | 31724 | 394197 | 2 | 0.009 | <0.2 | 150 | 8 | 2.65 | 475 | 38 | 38 |
| 719 | SMA-30 | B | 31726 | 394182 | <1 | 0.011 | <0.2 | 290 | 12 | 2.85 | 1565 | 10 | 48 |
| 720 | SMA-31 | LB | 31728 | 394170 | 2 | 0.009 | <0.2 | 130 | 6 | 2.26 | 355 | 18 | 22 |
| 721 | SMA-32 | LB | 31725 | 394153 | <1 | 0.021 | <0.2 | 30 | 2 | 2.65 | 155 | 14 | 18 |
| 722 | SMA-33 | DYB | 31773 | 394216 | <1 | 0.038 | <0.2 | 1690 | 12 | 2.67 | 1475 | 6 | 38 |
| 723 | SMA-34 | DB | 31773 | 394207 | <1 | 0.012 | <0.2 | 500 | 18 | 3.70 | 980 | 12 | 42 |
| 724 | SMA-35 | DG | 31772 | 394196 | <1 | 0.030 | <0.2 | 950 | 21 | 3.60 | 570 | 6 | 36 |
| 725 | SMA-36 | DG | 31771 | 394182 | <1 | 0.049 | <0.2 | 2100 | 14 | 3.42 | 1355 | 4 | 40 |
| 726 | SMA-37 | YB | 31827 | 394238 | <1 | 0.020 | <0.2 | 150 | 4 | 1.34 | 275 | 2 | 10 |
| 727 | SMA-38 | B | 31827 | 394223 | <1 | 0.025 | <0.2 | 950 | 13 | 2.55 | 790 | 10 | 28 |
| 728 | SMA-39 | G | 31828 | 394213 | 4 | 0.021 | <0.2 | 750 | 12 | 2.48 | 600 | 6 | 32 |
| 729 | SMA-40 | DG | 31826 | 394190 | <1 | 0.028 | <0.2 | 1240 | 17 | 2.85 | 745 | 6 | 40 |
| 730 | SMG-01 | PB | 40956 | 391080 | 1 | 0.018 | <0.2 | 280 | 16 | 2.18 | 320 | 14 | 92 |
| 731 | SMG-02 | PYB | 40959 | 391085 | <1 | 0.021 | <0.2 | 300 | 6 | 1.57 | 205 | 12 | 48 |
| 732 | SMG-03 | DB | 40958 | 391078 | <1 | 0.018 | <0.2 | 150 | 8 | 1.46 | 460 | 10 | 132 |
| 733 | SMG-04 | MB | 40961 | 391083 | 5 | 0.021 | <0.2 | 230 | 17 | 2.65 | 310 | 30 | 86 |
| 734 | SMG-05 | MB | 40960 | 391077 | <1 | 0.017 | <0.2 | 320 | 9 | 1.62 | 375 | 10 | 176 |
| 735 | SMG-06 | MB | 40963 | 391082 | <1 | 0.018 | <0.2 | 270 | 26 | 3.39 | 450 | 16 | 78 |
| 736 | SMG-07 | PYB | 40963 | 391075 | <1 | 0.017 | <0.2 | 190 | 10 | 1.35 | 460 | 12 | 266 |
| 737 | SMG-08 | DYB | 40966 | 391080 | <1 | 0.020 | <0.2 | 290 | 18 | 3.26 | 500 | 22 | 82 |
| 738 | SMG-09 | PYB | 40965 | 391074 | <1 | 0.012 | <0.2 | 160 | 9 | 1.81 | 305 | 6 | 84 |
| 739 | SMG-10 | PYB | 40968 | 391079 | 1 | 0.014 | <0.2 | 480 | 20 | 3.55 | 575 | 18 | 84 |
| 740 | SMG-11 | PB | 41141 | 390795 | <1 | 0.014 | <0.2 | 210 | 17 | 2.71 | 495 | 12 | 48 |
| 741 | SMG-12 | DB | 41144 | 390799 | <1 | 0.016 | <0.2 | 430 | 17 | 2.12 | 260 | 6 | 50 |
| 742 | SMG-13 | DB | 41144 | 390793 | <1 | 0.014 | <0.2 | 210 | 10 | 2.02 | 235 | 10 | 32 |
| 743 | SMG-14 | DYB | 41146 | 390798 | <1 | 0.023 | <0.2 | 870 | 46 | 1.76 | 910 | 14 | 272 |
| 744 | SMG-15 | PYB | 41146 | 390791 | 1 | 0.016 | <0.2 | 210 | 11 | 2.23 | 315 | 8 | 32 |
| 745 | SMG-16 | PYB | 41149 | 390796 | <1 | 0.025 | <0.2 | 860 | 56 | 1.89 | 695 | 10 | 202 |
| 746 | SMG-17 | PYB | 41148 | 390790 | <1 | 0.012 | <0.2 | 130 | 10 | 1.79 | 175 | 2 | 30 |
| 747 | SMG-18 | PYB | 41151 | 390795 | <1 | 0.014 | <0.2 | 130 | 11 | 1.13 | 195 | 6 | 104 |
| 748 | SMG-19 | PYB | 41151 | 390789 | <1 | 0.017 | <0.2 | 320 | 17 | 1.72 | 350 | 6 | 76 |

| Ser | SAMPLE | Color | Lon. | Lat. | Au ppb | S % | Ag ppm | Ba ppm | Cu ppm | Fe % | Mn ppm | Pb ppm | Zn ppm |
|-----|--------|-------|-------|--------|-----------|--------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
| 749 | SMC-20 | PYB | 41153 | 390793 | <1 | 0.012 | <0.2 | 290 | 11 | 1.21 | 360 | 8 | 84 |
| 750 | SMC-21 | PYB | 40862 | 391079 | <1 | 0.025 | <0.2 | 240 | 21 | 0.97 | 295 | 48 | 570 |
| 751 | SMC-22 | MYB | 40867 | 391076 | <1 | 0.018 | <0.2 | 390 | 36 | 1.91 | 405 | 18 | 1410 |
| 752 | SMC-23 | MYB | 40867 | 391072 | 1 | 0.017 | <0.2 | 270 | 8 | 1.73 | 100 | 6 | 62 |
| 753 | SMC-24 | MYB | 40970 | 391077 | 1 | 0.015 | <0.2 | 520 | 16 | 2.31 | 345 | 10 | 164 |
| 754 | SMC-25 | MYB | 40972 | 391073 | <1 | 0.020 | <0.2 | 340 | 43 | 1.70 | 755 | 34 | 562 |
| 755 | SMC-26 | GOP | 40970 | 391071 | <1 | 0.015 | <0.2 | 160 | 8 | 1.95 | 165 | 6 | 46 |
| 756 | SMC-27 | MYB | 40873 | 391076 | <1 | 0.032 | <0.2 | 750 | 28 | 2.82 | 860 | 36 | 258 |
| 757 | SMC-28 | GOP | 40972 | 391069 | <1 | 0.012 | <0.2 | 150 | 11 | 1.91 | 530 | 18 | 48 |
| 758 | SMC-29 | GOP | 40875 | 391074 | 1 | 0.013 | <0.2 | 130 | 7 | 1.28 | 275 | 20 | 42 |
| 759 | SMC-30 | GOP | 40976 | 391070 | <1 | 0.014 | <0.2 | 100 | 13 | 1.24 | 495 | 36 | 182 |
| 760 | SMC-31 | GOP | 40957 | 391082 | <1 | 0.014 | <0.2 | 410 | 81 | 1.35 | 455 | 64 | 826 |
| 761 | SMC-32 | MYB | 40954 | 391081 | <1 | 0.015 | <0.2 | 320 | 35 | 2.30 | 395 | 28 | 528 |
| 762 | SMC-33 | MYB | 40957 | 391086 | <1 | 0.020 | <0.2 | 260 | 15 | 2.83 | 575 | 22 | 60 |
| 763 | SMC-34 | MYB | 40951 | 391082 | <1 | 0.028 | <0.2 | 140 | 11 | 1.11 | 310 | 28 | 126 |
| 764 | SMC-35 | MYB | 40953 | 391085 | 407 | 0.132 | <0.2 | 6570 | 24 | 2.36 | 590 | 48 | 132 |
| 765 | SMC-36 | MYB | 40954 | 391087 | 2 | 0.015 | <0.2 | 340 | 15 | 2.48 | 310 | 48 | 70 |
| 766 | SMC-37 | MYB | 40949 | 391083 | 1 | 0.025 | <0.2 | 180 | 7 | 0.98 | 285 | 36 | 150 |
| 767 | SMC-38 | NB | 40950 | 391086 | <1 | 0.018 | <0.2 | 260 | 8 | 1.28 | 230 | 30 | 110 |
| 768 | SMC-39 | NB | 40952 | 391089 | <1 | 0.028 | <0.2 | 600 | 13 | 1.97 | 295 | 22 | 66 |
| 769 | SMC-40 | MYB | 40948 | 391087 | <1 | 0.016 | <0.2 | 130 | 4 | 0.92 | 295 | 22 | 112 |

