Ministry of Energy and Mineral Resources

The Hashemite Kingdom Of Jordan

# WADI IMRAN

***"PROPOSED AREA FOR INVESTMENT OPPORTUNITY"***

***"Base Metals & REEs"***

***"Brief"***

**Geology and Mining Directorate**

**Geological and Geochemical Surveys Division**

**JANUARY 19, 2025**

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# 1. OVERVIEW

## 1.1. Objective

The aim is to open the area for private sector investment for exploration as it has been identified through a previous regional geochemical survey as containing significant anomalies indicating the presence of zinc and lead, along with elevated values of copper, tin, niobium, and REEs.

## 1.2. Area of Interest

The proposed area is located in the Aqaba Governorate region, about 7 km east of the city of Aqaba, and encompassing approximately 85.7 $\mathrm{km}^2$ (Table-1) (Fig. 1).

Its proximity to infrastructures such as tarmac roads, power lines, and the Aqaba port, enhances the project's development potential.

High mountains with rugged surfaces form the prominent terrain element with wide, deeply incised valleys. Elevations range from 450m to 1300m a.m.s.l (Fig. 2).

Table 1: Wadi Imran proposed investment area coordinates.

| P | X (WGS 84 / UTM 36N) | Y (WGS 84 / UTM 36N) |
|---|---|---|
| 1 | 707484 | 3258819 |
| 2 | 703452 | 3257773 |
| 3 | 697487 | 3262873 |
| 4 | 703546 | 3268671 |
| 5 | 705929 | 3269034 |
| 6 | 709169 | 3265532 |
| 7 | 710361 | 3264559 |

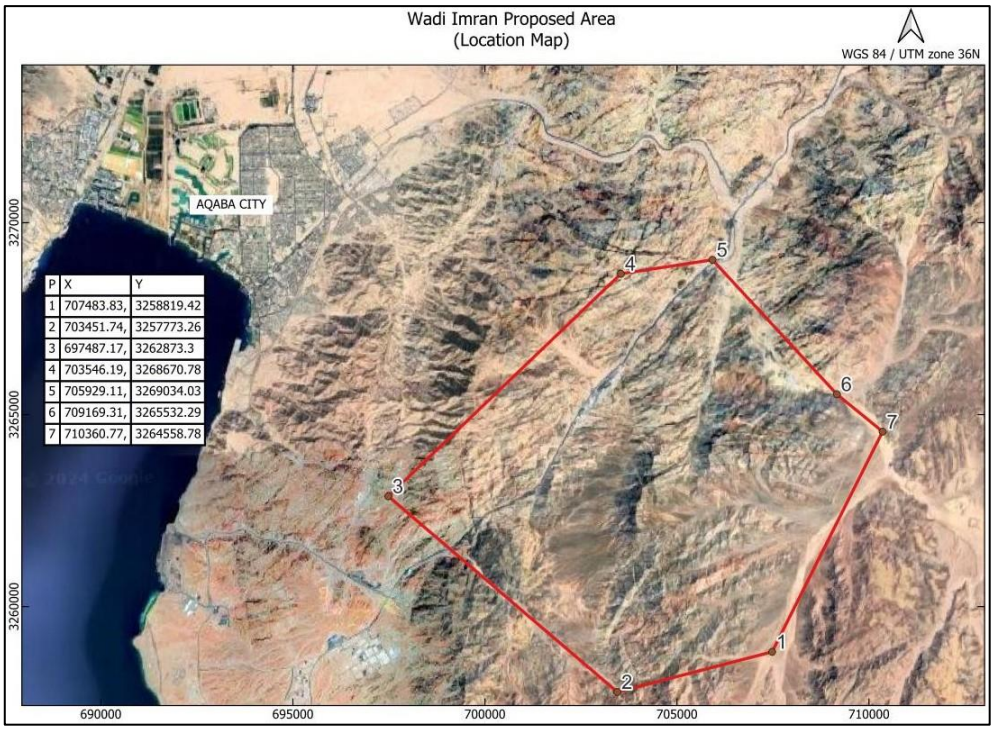


Figure 1: Location map of Wadi Imran proposed area.

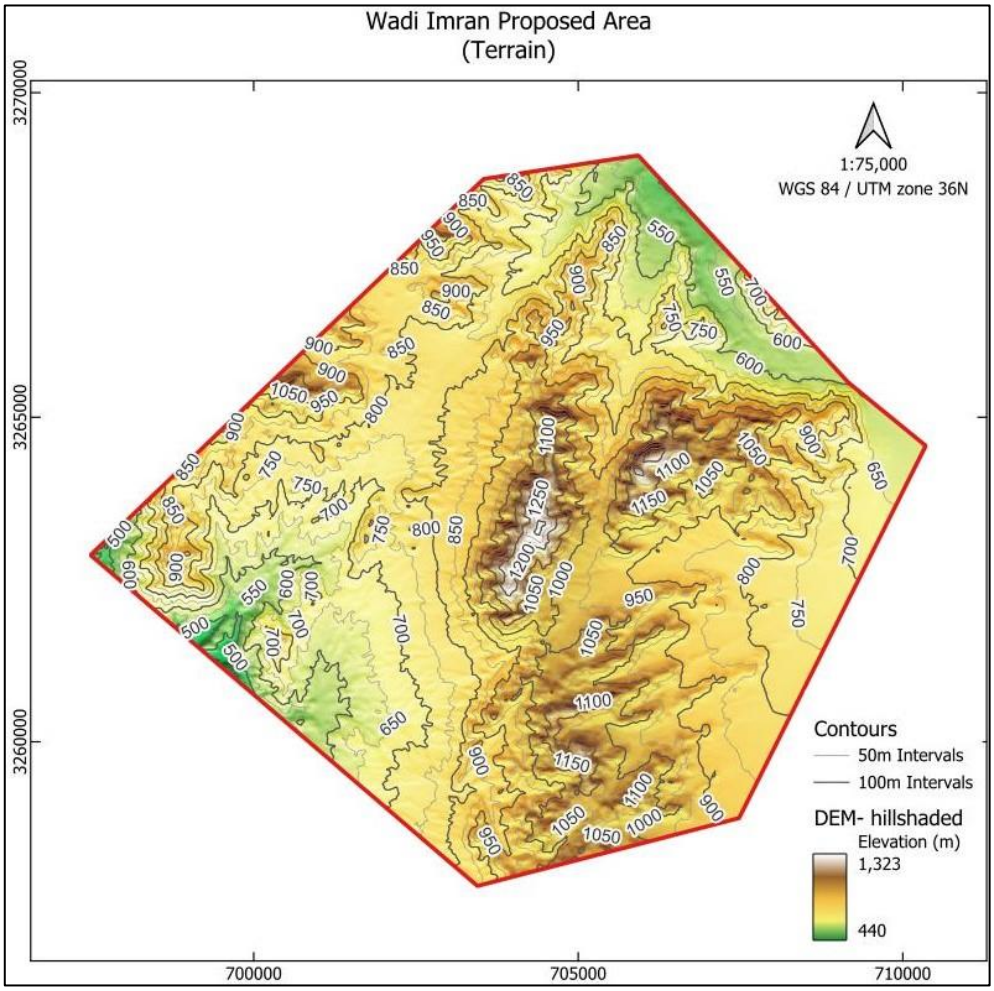


Figure 2: DEM and elevations of Wadi Imran proposed area.

## 1.3. Previous Work

A regional geochemical survey was conducted on the basement igneous rocks in the southern part of the Kingdom by the Geochemical Survey Division (formerly part of the Natural Resources Authority), in cooperation with the French Geological Survey (BRGM). The survey involved collecting samples of stream sediments and heavy minerals.

This survey, reported in 1994, identified several areas in the Aqaba and Wadi Araba regions that contained elements at above-normal concentrations, known as geochemical anomalies.

These elements included zinc, lead, copper, and other elements, which suggest the presence of mineralized zones.

The study recommended continued exploration in these anomaly areas in detail, including the proposed Wadi Imran area.

# 2. REGIONAL BACKGROUND

## 2.1. Geological Setting

The proposed area is underlain by basement igneous rocks, which are considered the northernmost extension of the Arabian-Nubian Shield, with a limited sedimentary cover from the Salib Arkoses Sandstone Formation in the far south of the area (Fig. 3).

The igneous rocks are primarily represented by the Yutum Granite suite and the Ruman Granodiorite suite, which has a geochemical profile rich in iron group elements with a more potassic fringe of an alkaline tendency (BRGM, 1994).

The Yutum suite contains outcrops of the Imran monzogranite and the Abu Jeddah granite units, which overlap with the Humrat granite unit in the far south of the area, while the Ruman suite consists of the Sabil granodiorite unit, which shows Ba enrichment.

The area is interspersed with acidic and basic dykes in two main directions: N-S and E-W, with other secondary directions, especially NE-SW.

The area is strongly influenced by structures associated with the Dead Sea Transform Fault System (DSTFS), which formed in the Miocene, as well as by Precambrian faults that contributed to the opening of the Red Sea and the submergence of the Aqaba Gulf by water near the end of the Miocene.

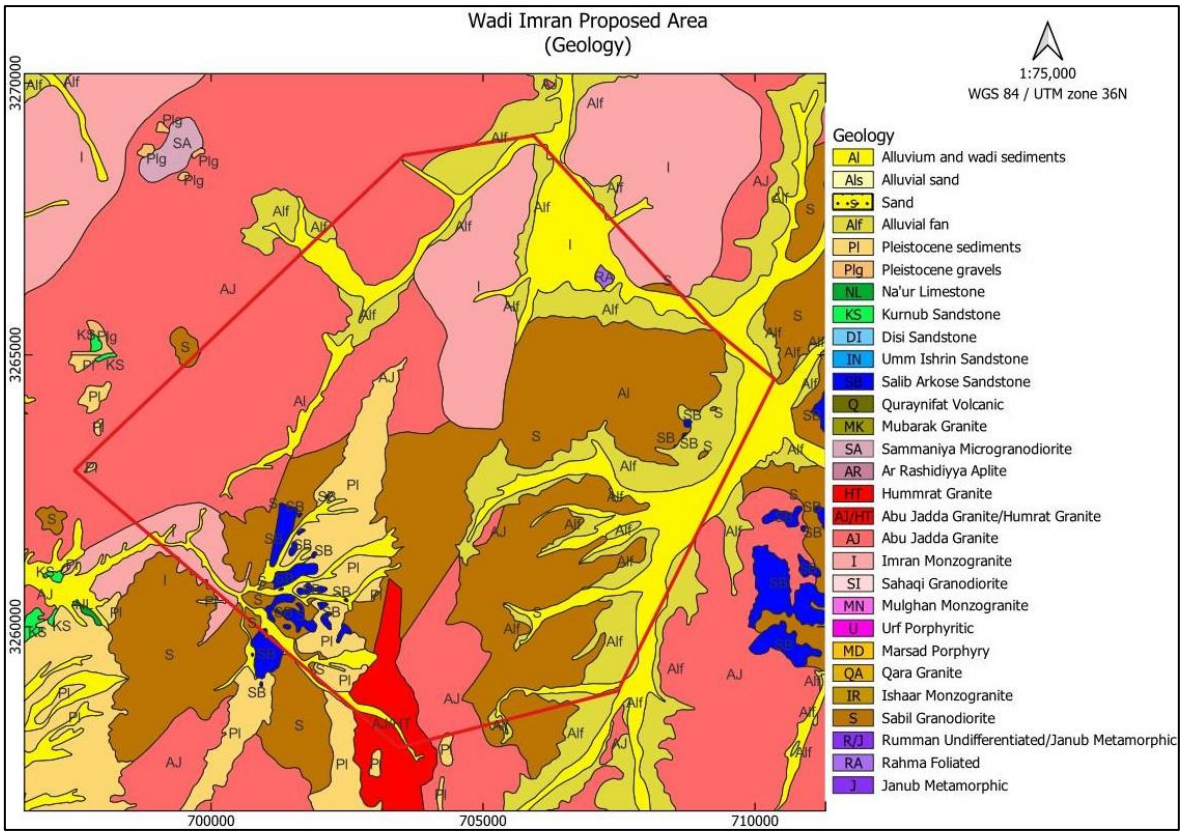


Figure 3: Geology of Wadi Imran proposed area. *Legend includes units other than those within the area's boundaries*.

## 2.2. Geochemical Survey Results

### 2.2.1. Survey Results

The Wadi Imran proposed area was surveyed by collecting stream sediment (SS) samples (Appendix 1).

The results from the BRGM regional geochemical survey provide valuable insights into the mineral potential of the proposed investment area (Table 2).

The survey identified significant geochemical anomalies that highlight prospective zones for mineral exploration (Fig. 4).

- **Zinc and Lead**

Zinc values up to 643 ppm were observed in stream sediment samples. Most of the highest values fell within the Abu Jeddah granite unit in the western part of the area.

Lead values up to 137 ppm were observed in stream sediment samples. Most of the highest values fell within the Sabil granodiorite and Abu Jeddah granite units in the southeastern and western parts of the area.

- **Copper**

High background copper values were detected in stream sediment samples, with values ranging from 35 ppm and 53 ppm particularly in the northeastern part of the area, primarily within the Sabil granodiorite unit. An exceptional anomalous copper value of 620 ppm (Sample 1219) was detected in the western part of the area within the Abu Jeddah granite unit.

Table 2: Summary statistics of BRGM Zn, Pb, and Cu results.

| | SS (ppm) | | |
|---|---|---|---|
| | **Zn** | **Pb** | **Cu** |
| **Min.** | 25.00 | 1.00 | 3.00 |
| **Max.** | 643.00 | 137.00 | 620.00 |
| **Range** | 618.00 | 136.00 | 617.00 |
| **Mean** | 146.75 | 29.02 | 22.49 |
| **St. Dev.** | 93.23 | 20.05 | 47.55 |
| **Qr1** | 106.75 | 21.00 | 17.00 |
| **Qr2** | 134.50 | 32.00 | 23.00 |
| **Qr3** | 213.25 | 43.00 | 29.00 |
| **Skew.** | 1.75 | 1.96 | 12.00 |
| **kurt.** | 4.28 | 6.65 | 150.24 |
| **$CI_{95\%}$** | 132.6-161 | 25.9-32.1 | 15.3-29.7 |

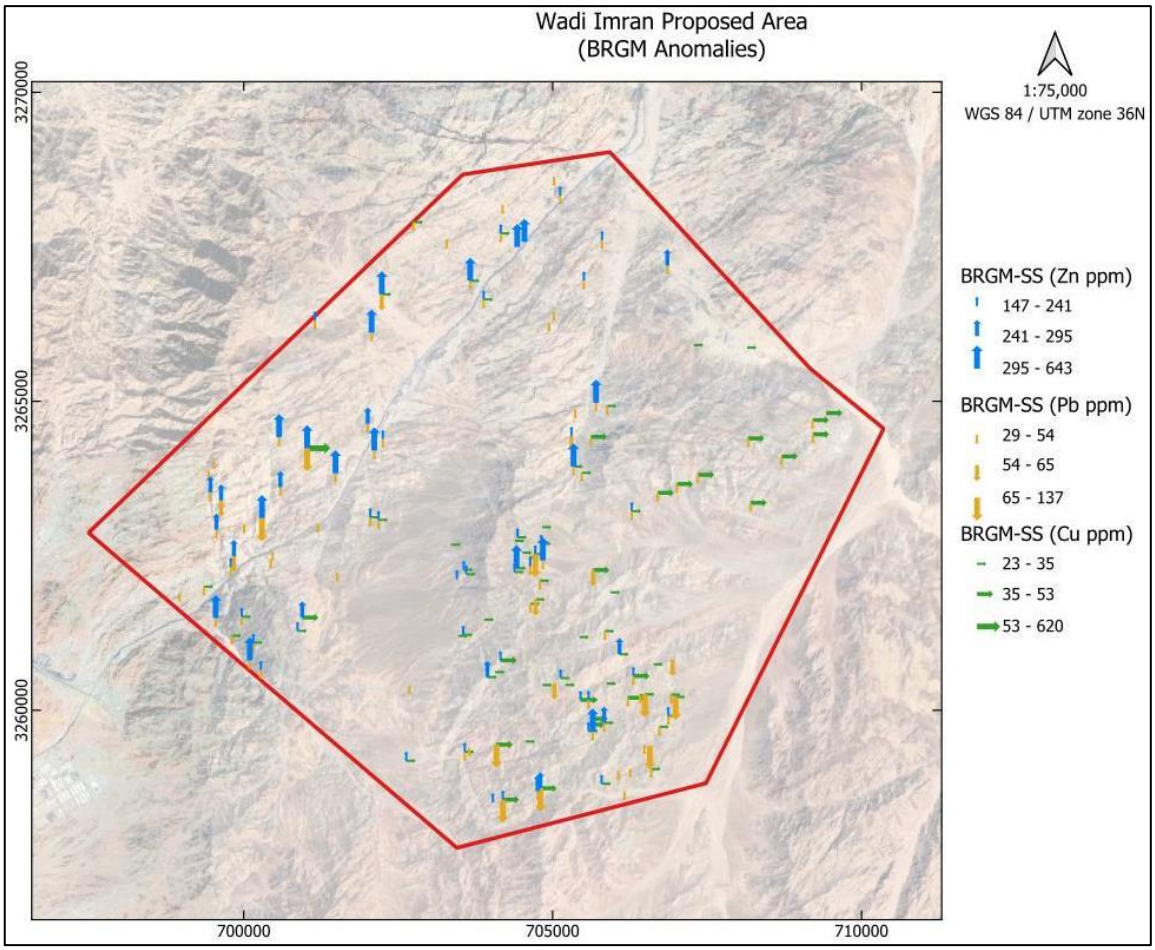


Figure 4: BRGM Zn, Pb, & Cu concentrations in SS samples.

### 2.2.2. Anomaly Areas

The survey results were mapped to identify three anomalous areas (Fig. 5), which are outlined as follows:

- **Anomaly-1 (western part)**

Classified by BRGM as secondary priority, which has a slightly higher Zn and Pb background than the surrounding environment, and within the Abu Jeddah granite unit.

- **Anomaly-2 (central and southern parts)**

This area exhibits elevated Zn and Pb concentrations within the Abu Jeddah granite and Sabil granodiorite units.

In addition to these two elements; Cu, Ce, Sn, Nb, and P were found at high background values.

- **Anomaly-3 (northeastern part)**

This area exhibits high background Cu concentrations within the Sabil granodiorite unit, and without the association of other elements.

The identified anomaly areas were found to be almost identical to those identified by BRGM, with slight amendments (Fig. 6)

These anomalous areas represent the primary targets for further prospecting and exploration works.

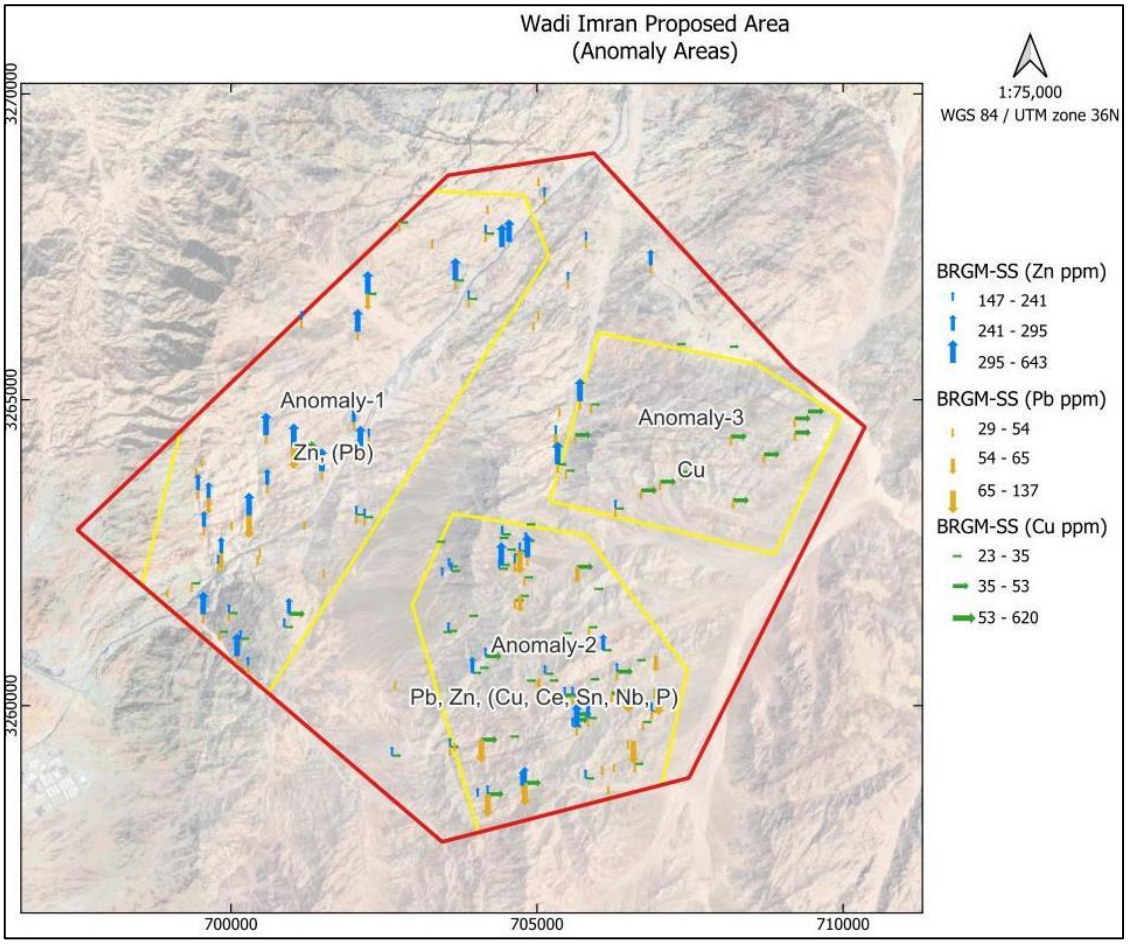


Figure 5: Anomaly areas identified in Wadi Imran proposed area.

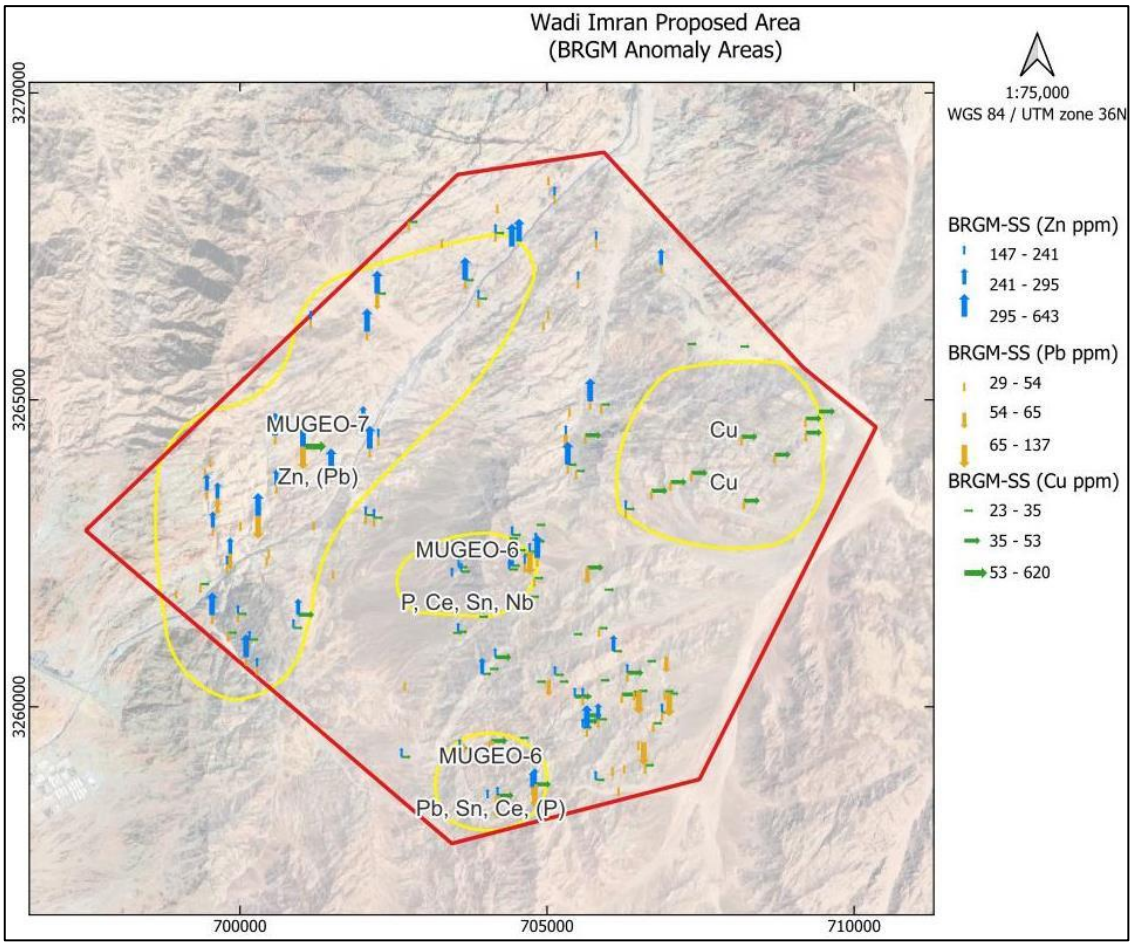


Figure 6: Anomaly areas identified by the BRGM in Wadi Imran proposed area.

## 3. REFERENCES

BRGM. (1994). Geochemical and Mineral Exploration of Aqaba-Araba Complex, *Ministry of Energy & Mineral Resources, Amman, Jordan. Internal Report.*

# 4. APPENDICES

Appendix 1: Analysis results of BRGM's stream sediment (SS) samples.

| SS | X | Y | SiO2 | Al2O3 | Fe2O3 | CaO | MgO | K2O | MnO | TiO2 | Cu | Zn | Pb | P | Li | Be | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample | WGS84/UTM36N | WGS84/UTM36N | % | % | % | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 281 | 703327 | 3261036 | 68.4 | 8.4 | 9 | 4.6 | 1.6 | 1.4 | 0.1 | 1.29 | | | 22 | | | | |
| 326 | 709430 | 3264812 | 55.5 | 11.1 | 9.6 | 8.2 | 3.9 | 1.8 | 0.2 | 1.66 | 50 | 101 | 26 | 3065 | 29 | 2 | |
| 327 | 709211 | 3264697 | 54.4 | 11.1 | 13.1 | 9.3 | 4.3 | 1.6 | 0.2 | 2.37 | 53 | 119 | 29 | 3721 | 25 | 2 | |
| 328 | 709215 | 3264467 | 45.7 | 9.1 | 22.8 | 8.7 | 3.9 | 1.3 | 0.2 | 2.83 | 51 | 137 | 32 | 4143 | 26 | 2 | |
| 329 | 708706 | 3264109 | 51.3 | 10.2 | 10.2 | 7.8 | 3.8 | 1.7 | 0.1 | 1.35 | 49 | 104 | 35 | 3098 | 29 | 2 | |
| 330 | 708166 | 3264400 | 55.9 | 10.2 | 10.7 | 8.3 | 4.1 | 1.6 | 0.2 | 1.74 | 45 | 108 | 34 | 3561 | 26 | 2 | |
| 331 | 708206 | 3263358 | 56.8 | 10.4 | 11.4 | 9 | 3.7 | 1.6 | 0.2 | 2.39 | 47 | 113 | 36 | 3054 | 24 | 2 | |
| 332 | 707353 | 3263811 | 55.5 | 10.4 | 10.6 | 9 | 4 | 1.5 | 0.2 | 1.69 | 46 | 104 | 36 | 2744 | 23 | 2 | |
| 333 | 707012 | 3263662 | 54 | 9.7 | 14.5 | 9.3 | 4.1 | 1.5 | 0.2 | 2.53 | 48 | 112 | 33 | 3675 | 24 | 2 | |
| 334 | 706701 | 3263520 | 51.1 | 10.7 | 14.9 | 9.1 | 3.3 | 1.5 | 0.2 | 3.04 | 36 | 142 | 31 | 3962 | 23 | 2 | |
| 924 | 705704 | 3264977 | 40.9 | 8.4 | 35.7 | 4.6 | 2.3 | 1.3 | 0.4 | 7.87 | 21 | 346 | 34 | 3481 | 18 | 2 | 2 |
| 925 | 705883 | 3264925 | 56.1 | 13 | 12.9 | 6.7 | 3.4 | 1.6 | 0.2 | 2.7 | 35 | 135 | 39 | 4479 | 26 | 2 | |
| 926 | 705367 | 3264866 | 61.3 | 10.4 | 19.8 | 4 | 1.4 | 2 | 0.2 | 1.95 | 16 | 104 | 50 | 3159 | 19 | 2 | 4 |
| 927 | 705621 | 3264425 | 56.8 | 12.8 | 11.8 | 7.8 | 4 | 1.7 | 0.2 | 2.15 | 43 | 118 | 43 | 4540 | 32 | 2 | |
| 928 | 705307 | 3264441 | 64.9 | 11.7 | 15.5 | 5.8 | 2.3 | 2 | 0.2 | 2.82 | 20 | 147 | 63 | 3776 | 19 | 3 | 3 |
| 929 | 705339 | 3263945 | 42.3 | 9.8 | 27.3 | 6.7 | 4.2 | 1.1 | 0.3 | 7.11 | 28 | 315 | 40 | 4458 | 19 | 1 | |
| 930 | 705474 | 3263842 | 58.5 | 12.1 | 13.3 | 5.2 | 3 | 1.9 | 0.2 | 3.6 | 27 | 136 | 45 | 3390 | 24 | 2 | |
| 931 | 706283 | 3263223 | 50 | 10.7 | 21.6 | 8.8 | 4.9 | 1.2 | 0.3 | 5.74 | 31 | 206 | 46 | 5111 | 23 | 2 | |
| 932 | 705656 | 3262270 | 66.7 | 12.3 | 8.4 | 6.2 | 2.8 | 2.1 | 0.1 | 1.26 | 36 | 107 | 58 | 2980 | 25 | 3 | 1 |
| 933 | 704728 | 3261794 | 65 | 13 | 11 | 7.7 | 3.2 | 1.8 | 0.2 | 2.07 | 29 | 117 | 62 | 3374 | 25 | 3 | |
| 934 | 704843 | 3262425 | 23.5 | 4.3 | 64.6 | 6.5 | 2.3 | 0.4 | 1.1 | 28.3 | 7 | 643 | 42 | 15192 | 14 | | 1 |
| 935 | 704720 | 3262528 | 63.6 | 11.7 | 16.8 | 9.1 | 3.8 | 1.3 | 0.3 | 3.58 | 23 | 209 | 93 | 7682 | 20 | 2 | 2 |
| 936 | 705942 | 3261909 | 61.7 | 12.8 | 8.8 | 5.5 | 3.1 | 2.2 | 0.1 | 1.63 | 34 | 104 | 22 | 3331 | 27 | 2 | |
| 937 | 706668 | 3262123 | 59.4 | 11.3 | 15.2 | 4.9 | 2.8 | 2 | 0.2 | 1.86 | 19 | 122 | 27 | 2939 | 32 | 2 | |
| 938 | 705847 | 3261282 | 61.9 | 12 | 10.1 | 5.9 | 3.3 | 1.7 | 0.2 | 1.73 | 23 | 107 | 32 | 2295 | 23 | 2 | |
| 939 | 706303 | 3260913 | | 12 | | | | 2.2 | | 2.31 | | | 7 | 3757 | 27 | | |
| 940 | 707363 | 3261334 | 53.5 | 11.1 | 11.5 | 5.2 | 3.4 | 1.9 | 0.2 | 2.11 | 20 | 116 | 23 | 3669 | 33 | 2 | |
| 1077 | 705024 | 3268635 | 68.8 | 12.3 | 5.8 | 4 | 1.9 | 2.4 | 0.1 | 0.95 | 11 | 106 | 34 | 2617 | 41 | 4 | |
| 1079 | 705124 | 3268331 | 45.2 | 10 | 20.3 | 5.4 | 4.2 | 1.2 | 0.3 | 4.74 | 18 | 213 | 31 | 3742 | 21 | 2 | 1 |
| 1081 | 704191 | 3268180 | 56.3 | 11.1 | 11 | 4.9 | 2.4 | 1.7 | 0.2 | 2.64 | 17 | 142 | 32 | 4278 | 31 | 4 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1083 | 704545 | 3267580 | 37.6 | 9 | 28.2 | 5.8 | 4.7 | 0.8 | 0.3 | 6.77 | 21 | 308 | 24 | 3636 | 16 | 1 | 2 |
| 1084 | 704429 | 3267497 | 30.9 | 7 | 34.8 | 5.1 | 4.4 | 0.6 | 0.4 | 8.8 | 18 | 391 | 27 | 3363 | 13 | | 3 |
| 1085 | 704161 | 3267719 | 56.7 | 10.7 | 10.8 | 5.9 | 3 | 1.6 | 0.2 | 2.88 | 23 | 147 | 30 | 3816 | 25 | 4 | |
| 1086 | 703288 | 3267617 | 63 | 12.2 | 7.1 | 5 | 2.4 | 1.9 | 0.1 | 1.51 | 21 | 105 | 31 | 3649 | 26 | 4 | |
| 1087 | 702749 | 3267900 | 57.7 | 11.1 | 9.3 | 5.8 | 2.9 | 1.6 | 0.2 | 2.35 | 23 | 127 | 32 | 3940 | 26 | 4 | |
| 1088 | 703667 | 3266951 | 34.3 | 6.9 | 36.3 | 4.7 | 2.6 | 0.9 | 0.5 | 10 | 33 | 461 | 43 | 3443 | 20 | 2 | 3 |
| 1089 | 703884 | 3266649 | 45.4 | 9.3 | 20.8 | 6.6 | 5.1 | 1 | 0.3 | 5.57 | 23 | 232 | 30 | 5018 | 15 | 2 | 1 |
| 1090 | 702236 | 3266733 | 20.9 | 4.5 | 54.5 | 3.3 | 1.8 | 0.6 | 0.5 | 7.94 | 24 | 453 | 61 | 2519 | 15 | | 7 |
| 1094 | 702070 | 3266114 | 38.5 | 8 | 34.8 | 4.5 | 2.5 | 1.1 | 0.4 | 7.03 | 16 | 365 | 35 | 3146 | 25 | 1 | 3 |
| 1095 | 701153 | 3266311 | 53.2 | 11.2 | 16.3 | 4.4 | 2.4 | 1.7 | 0.2 | 3.07 | 15 | 190 | 37 | 3147 | 30 | 4 | 1 |
| 1096 | 705801 | 3267611 | 50.8 | 10.3 | 19.6 | 5.4 | 2.7 | 1.4 | 0.2 | 3.38 | 15 | 170 | 34 | 3934 | 21 | 2 | |
| 1097 | 705507 | 3266956 | 53.6 | 11 | 14.5 | 6.2 | 3.2 | 1.5 | 0.2 | 4.2 | 22 | 160 | 33 | 5123 | 21 | 2 | |
| 1098 | 705019 | 3266454 | 65.5 | 11.9 | 5.3 | 4.3 | 1.8 | 2.3 | 0.1 | 0.92 | 10 | 95 | 36 | 2687 | 29 | 4 | |
| 1099 | 704945 | 3266275 | 57 | 11.5 | 13.5 | 4.4 | 1.9 | 1.8 | 0.1 | 2.1 | 13 | 124 | 37 | 3839 | 21 | 3 | |
| 1100 | 706396 | 3267866 | 50 | 11.3 | 17.2 | 5.5 | 2.2 | 1.7 | 0.2 | 2.41 | 15 | 145 | 27 | 4759 | 19 | 2 | |
| 1103 | 706859 | 3267198 | 43.4 | 9.7 | 26.7 | 6 | 3.3 | 1 | 0.3 | 5.36 | 21 | 277 | 35 | 4797 | 15 | 1 | 1 |
| 1110 | 707842 | 3266693 | 57.4 | 11.9 | 12.2 | 5.4 | 2.7 | 1.7 | 0.2 | 2.83 | 16 | 110 | 8 | 4514 | 18 | 2 | |
| 1112 | 707291 | 3265912 | 58.3 | 11 | 13 | 7.7 | 3.8 | 1.3 | 0.2 | 2.85 | 28 | 120 | 17 | 4266 | 18 | 2 | |
| 1113 | 708151 | 3265869 | 61.6 | 10 | 8.8 | 8.6 | 3.5 | 1.6 | 0.1 | 1.5 | 35 | 94 | 23 | 2889 | 21 | 3 | |
| 1206 | 699790 | 3262321 | 61.1 | 10.1 | 20.8 | 5.4 | 2.5 | 1.6 | 0.3 | 3.55 | 16 | 181 | 44 | 4388 | 20 | 3 | 3 |
| 1207 | 699842 | 3262495 | 56.7 | 9.2 | 26.9 | 5.8 | 2.6 | 1.4 | 0.4 | 4.92 | 17 | 255 | 57 | 4899 | 20 | 3 | 3 |
| 1208 | 699558 | 3262922 | 48.9 | 10.5 | 23.5 | 5.3 | 3 | 1.5 | 0.3 | 5.14 | 21 | 252 | 42 | 4874 | 22 | 3 | |
| 1209 | 699634 | 3263395 | 48.4 | 9.5 | 26 | 5.1 | 2.6 | 1.5 | 0.4 | 5.79 | 16 | 251 | 55 | 5456 | 26 | 2 | 2 |
| 1210 | 699462 | 3263527 | 49.8 | 10.5 | 21.5 | 4.6 | 2.6 | 1.8 | 0.3 | 5.13 | 18 | 260 | 48 | 6832 | 21 | 2 | |
| 1211 | 699432 | 3263881 | 45.4 | 9.8 | 24.7 | 5.1 | 2.4 | 1.4 | 0.2 | 3.27 | 13 | 142 | 47 | 3921 | 24 | 2 | 2 |
| 1212 | 699521 | 3264043 | 55.8 | 10.8 | 12.2 | 3.7 | 2.1 | 2 | 0.2 | 1.78 | 10 | 99 | 47 | 2721 | 24 | 2 | 1 |
| 1213 | 700470 | 3262565 | 72 | 13.8 | 6.1 | 4.3 | 1.9 | 2.7 | 0.1 | 1 | 11 | 83 | 46 | 2294 | 28 | 3 | 3 |
| 1214 | 700438 | 3262437 | 97.9 | 17.2 | 4.2 | 3 | 1.2 | 4.2 | 0.1 | 0.69 | 7 | 49 | 43 | 1544 | 19 | 4 | 1 |
| 1215 | 700007 | 3263011 | 67.6 | 13.1 | 13.1 | 4.7 | 2.7 | 2.2 | 0.3 | 3.14 | 17 | 135 | 50 | 5047 | 27 | 4 | 3 |
| 1216 | 700295 | 3263110 | 36.8 | 7.4 | 38.5 | 4.1 | 2.5 | 1.2 | 0.5 | 8.48 | 16 | 428 | 71 | 3137 | 19 | 2 | |
| 1217 | 700593 | 3263610 | 51.9 | 9.1 | 23.3 | 4.8 | 2.5 | 1.6 | 0.3 | 5.09 | 15 | 278 | 48 | 4579 | 35 | 3 | |
| 1218 | 700573 | 3264420 | 39.8 | 7.2 | 39.3 | 4.2 | 2 | 1.3 | 0.4 | 6.4 | 12 | 371 | 52 | 4527 | 27 | 2 | 4 |
| 1219 | 701026 | 3264241 | 46.2 | 8.1 | 35.4 | 4.6 | 2.1 | 1.4 | 0.4 | 6.54 | 620 | 328 | 72 | 71 | 14 | 4 | |
| 1220 | 701201 | 3263014 | 62 | 12.1 | 8.7 | 6.3 | 2.7 | 1.8 | 0.1 | 1.54 | 20 | 100 | 37 | 3601 | 23 | 3 | |
| 1221 | 702048 | 3263124 | 50.9 | 11.6 | 20.3 | 5.7 | 2.9 | 1.6 | 0.2 | 2.8 | 24 | 178 | 54 | 3832 | 27 | 2 | |
| 1222 | 702184 | 3263081 | 42.4 | 10.9 | 16.1 | 9.5 | 4.2 | 1.2 | 0.3 | 4.03 | 29 | 157 | 45 | 5550 | 27 | 1 | |
| 1223 | 701486 | 3263835 | 42.8 | 8 | 38.5 | 3.9 | 1.9 | 1.4 | 0.4 | 5.56 | 14 | 312 | 38 | 3366 | 23 | 2 | 4 |
| 1224 | 701519 | 3264496 | 66 | 11.4 | 8.4 | 4.5 | 2.4 | 2.1 | 0.2 | 1.92 | 14 | 97 | 27 | 2946 | 30 | 4 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1225 | 702114 | 3264205 | 45.1 | 9.6 | 31.9 | 5.6 | 2.8 | 1.2 | 0.4 | 6.23 | 21 | 322 | 33 | 4464 | 20 | 1 | 1 |
| 1226 | 702253 | 3264390 | 54.1 | 10.5 | 20 | 4.8 | 2.5 | 1.6 | 0.3 | 3.92 | 17 | 194 | 33 | 3138 | 21 | 2 | 2 |
| 1227 | 702008 | 3264638 | 49.6 | 9.5 | 25.4 | 4.9 | 2.5 | 1.5 | 0.3 | 6.24 | 14 | 268 | 31 | 3302 | 29 | 3 | 3 |
| 1228 | 699546 | 3261493 | 38.8 | 7.9 | 34.1 | 6.3 | 3 | 1.1 | 0.4 | 10 | 19 | 306 | 29 | 6552 | 25 | 1 | 3 |
| 1230 | 699969 | 3261514 | 52.9 | 11.8 | 16.2 | 8.1 | 4.1 | 1.3 | 0.2 | 3.3 | 32 | 156 | 33 | 5340 | 26 | 2 | |
| 1231 | 699808 | 3261207 | 61.9 | 11.9 | 10.1 | 6.5 | 3.1 | 1.9 | 0.2 | 1.93 | 32 | 95 | 31 | 3735 | 26 | 2 | 2 |
| 1232 | 700155 | 3261095 | 53.2 | 12.3 | 15.7 | 8.3 | 4.3 | 1.2 | 0.2 | 3.14 | 29 | 154 | 29 | 5244 | 26 | 2 | |
| 1233 | 700100 | 3260807 | 36.1 | 7 | 37 | 9.1 | 4.5 | 0.8 | 0.6 | 12.9 | 17 | 350 | 33 | 18093 | 18 | 2 | 2 |
| 1234 | 700278 | 3260655 | 58.8 | 11.2 | 16.1 | 7 | 3.5 | 1.6 | 0.2 | 3.34 | 21 | 154 | 35 | 5455 | 22 | 2 | 3 |
| 1237 | 700871 | 3261286 | 48.7 | 11.1 | 24.1 | 7.4 | 3.3 | 1.3 | 0.3 | 4.59 | 34 | 235 | 28 | 5395 | 25 | 1 | 1 |
| 1238 | 700947 | 3261501 | 41.9 | 10.4 | 26.3 | 7.2 | 5.1 | 0.9 | 0.3 | 10 | 40 | 247 | 22 | 5648 | 22 | 1 | |
| 1239 | 701199 | 3262199 | 82.5 | 4.4 | 16.5 | 2.7 | 1.4 | 0.6 | 0.2 | 3.44 | 14 | 145 | 17 | 5620 | 11 | 1 | 1 |
| 1240 | 701516 | 3262224 | 66.1 | 11.4 | 12 | 5.4 | 2.9 | 1.9 | 0.2 | 2.64 | 21 | 115 | 32 | 5640 | 20 | 3 | |
| 1241 | 703206 | 3262696 | 55.6 | 12.4 | 9.6 | 5.6 | 3.1 | 1.7 | 0.1 | 2.16 | 18 | 95 | 20 | 5098 | 18 | 2 | |
| 1242 | 703135 | 3262248 | 57.7 | 13.1 | 8.2 | 5.4 | 2.9 | 1.7 | 0.1 | 1.55 | 18 | 82 | 21 | 3416 | 21 | 2 | |
| 1243 | 703452 | 3262125 | 41 | 8.9 | 25.3 | 5.1 | 2.7 | 1.2 | 0.4 | 8.93 | 15 | 236 | 25 | 8749 | 16 | 2 | |
| 1244 | 703373 | 3261688 | 52.2 | 11.4 | 14 | 5.3 | 2.7 | 1.7 | 0.2 | 3.49 | 22 | 138 | 27 | 3722 | 20 | 2 | |
| 1245 | 703472 | 3261204 | 57.1 | 11 | 12 | 5.4 | 3.3 | 1.6 | 0.2 | 3.24 | 26 | 119 | 28 | 4120 | 22 | 2 | 2 |
| 1247 | 703016 | 3260704 | 74.7 | 7.8 | 7.4 | 3.2 | 1.7 | 1.4 | 0.1 | 1.33 | 17 | 71 | 26 | 2265 | 24 | 2 | 8 |
| 1248 | 702684 | 3260400 | 69.7 | 9.3 | 7.7 | 3.6 | 2.1 | 1.9 | 0.1 | 1.28 | 20 | 80 | 29 | 2372 | 30 | 2 | 6 |
| 1249 | 702848 | 3260204 | 70.1 | 9.9 | 7.4 | 2.7 | 2 | 2 | 0.1 | 1.41 | 18 | 88 | 27 | 2412 | 26 | 2 | 6 |
| 1250 | 702737 | 3260082 | 63.9 | 9.9 | 11.9 | 3 | 1.8 | 2 | 0.2 | 2.41 | 15 | 118 | 26 | 2602 | 27 | 2 | 4 |
| 1251 | 703652 | 3259399 | 58.6 | 11.3 | 10.3 | 5.2 | 2.8 | | 0.2 | 2.22 | 22 | 103 | 29 | 3758 | 30 | 2 | 2 |
| 1252 | 704007 | 3259421 | 75.8 | 11.7 | 4 | 2.9 | 1.2 | 3.1 | 0.1 | 0.74 | 11 | 50 | 15 | 2054 | 21 | 3 | |
| 1253 | 704562 | 3259495 | 64.6 | 12.4 | 9.1 | 5.7 | 3.1 | 2.2 | 0.1 | 1.76 | 30 | 92 | 16 | 4233 | 32 | 3 | 5 |
| 1254 | 703832 | 3258944 | 70.8 | 12.8 | 8.1 | 4.3 | 2.2 | 2.7 | 0.1 | 1.75 | 13 | 95 | 21 | 2799 | 28 | 3 | 7 |
| 1255 | 704033 | 3258510 | 61.3 | 11.8 | 14.7 | 5.9 | 3.3 | 1.8 | 0.2 | 3.68 | 22 | 159 | 26 | 4369 | 33 | 2 | 3 |
| 1256 | 704758 | 3258690 | 47.4 | 9.6 | 29.1 | 5.5 | 2.8 | 1.3 | 0.3 | 8.1 | 22 | 289 | 34 | 4060 | 25 | 2 | 1 |
| 1259 | 703944 | 3260537 | 54 | 10.4 | 22.6 | 4.7 | 2.7 | 1.8 | 0.3 | 6.19 | 25 | 254 | 24 | 3420 | 20 | 2 | 5 |
| 1260 | 702631 | 3259183 | 55 | 9.5 | 21.1 | 5.5 | 3.1 | 1.7 | 0.3 | 5.38 | 26 | 216 | 23 | 3827 | 33 | 2 | 5 |
| 1263 | 703245 | 3258526 | 64.6 | 12.4 | 5.3 | 4.7 | 1.8 | 2.5 | 0.1 | 0.9 | 21 | 60 | 25 | 2345 | 20 | 3 | |
| 1309 | 706165 | 3258688 | 64.9 | 13.5 | 13.5 | 6 | 3.3 | 2.1 | 0.2 | 2.57 | 21 | 128 | 35 | 3657 | 30 | 3 | |
| 1310 | 705795 | 3258812 | 53.8 | 23.4 | 23.4 | 8.1 | 4.8 | 1.3 | 0.3 | 5.37 | 26 | 211 | 27 | 5383 | 26 | 1 | |
| 1567 | 698963 | 3261906 | 65.3 | 11.9 | 8 | 5.4 | 2.7 | 1.9 | 0.1 | 1.74 | 14 | 94 | 49 | 2976 | 20 | 3 | |
| 1568 | 699355 | 3262001 | 62.4 | 12.2 | 8 | 5.8 | 3.8 | 2 | 0.1 | 1.29 | 23 | 93 | 54 | 2832 | 24 | 2 | |
| 1579 | 706944 | 3260819 | 68.3 | 12.2 | 11 | 6.2 | 3.1 | 2 | 0.2 | 1.94 | 22 | 134 | 62 | 4217 | 32 | 2 | |
| 1580 | 705032 | 3260438 | 68.6 | 12 | 11.5 | 5.5 | 3 | 2.3 | 0.2 | 2.13 | 19 | 124 | 59 | 3994 | 23 | 3 | |
| 1581 | 705583 | 3260168 | 43.1 | 10.3 | 21 | 6.8 | 4.2 | 1.2 | 0.3 | 5.55 | 27 | 219 | 53 | 4709 | 26 | 2 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1582 | 705651 | 3259653 | 34.4 | 7.3 | 40.4 | 6.2 | 3.1 | 0.9 | 0.5 | 10.5 | 20 | 326 | 51 | 5323 | 22 | 1 | |
| 1583 | 706496 | 3260260 | 60.3 | 11.4 | 13.4 | 5.6 | 3.3 | 1.8 | 0.2 | 2.46 | 24 | 136 | 70 | 4129 | 27 | 3 | |
| 1584 | 706992 | 3260216 | 62.5 | 11.4 | 10.7 | 6 | 2.9 | 1.9 | 0.2 | 1.79 | 26 | 111 | 70 | 3851 | 24 | 3 | |
| 1585 | 706575 | 3259422 | 59 | 11 | 14.1 | 6.4 | 3.1 | 1.7 | 0.2 | 2.46 | 19 | 144 | 76 | 3849 | 27 | 3 | |
| 3172 | 704644 | 3261723 | 57.5 | 11.3 | 13.9 | 6.2 | 3.5 | 1.79 | 0.2 | 2.66 | 32 | 133 | 41 | 2465 | 29 | 2 | |
| 3173 | 704796 | 3262098 | 61.3 | 12.1 | 10.9 | 6 | 3.1 | 2.05 | 0.2 | 2.35 | 25 | 128 | 49 | 2916 | 33 | 3 | |
| 3174 | 704637 | 3262327 | 43.8 | 8.8 | 15.4 | 8.3 | 4.7 | 1.01 | 0.27 | 3.67 | 15 | 157 | 36 | 14665 | 22 | 3 | |
| 3175 | 704385 | 3262238 | 45.7 | 8.7 | 28.5 | 11.1 | 5.4 | 0.84 | 0.48 | 9.42 | 27 | 238 | 20 | 30499 | 23 | 2 | 1 |
| 3176 | 704417 | 3262299 | 30 | 5.8 | 49 | 8.3 | 3.8 | 0.49 | 0.8 | 19.4 | 24 | 360 | 12 | 28491 | 24 | | 3 |
| 3177 | 704628 | 3262479 | 54.4 | 11.7 | 10.2 | 6.8 | 3.6 | 1.45 | 0.15 | 1.98 | 24 | 105 | 16 | 5082 | 22 | 2 | |
| 3178 | 704513 | 3262551 | 46.6 | 10.3 | 11.4 | 7.9 | 3.3 | 1.22 | 0.18 | 2.51 | 29 | 111 | 22 | 5553 | 23 | 2 | |
| 3179 | 704391 | 3262743 | 52.7 | 12.1 | 10.9 | 8.5 | 3.6 | 0.95 | 0.16 | 2.2 | 27 | 109 | | 4473 | 26 | 2 | |
| 3180 | 704433 | 3262800 | 55.7 | 12.4 | 15.2 | 6.4 | 4 | 1.68 | 0.21 | 2.88 | 25 | 153 | | 5921 | 25 | 1 | 1 |
| 3181 | 704818 | 3262696 | 49.2 | 10.8 | 22.2 | 6.5 | 4 | 1.32 | 0.27 | 4.37 | 27 | 229 | | 5712 | 25 | 1 | 3 |
| 3182 | 704831 | 3262964 | 53.5 | 11.9 | 13.2 | 6.4 | 4 | 1.44 | 0.19 | 2.39 | 25 | 141 | 10 | 5906 | 26 | 2 | |
| 3183 | 705434 | 3261185 | 63.9 | 11.7 | 9.9 | 5.5 | 3.3 | 1.98 | 0.14 | 1.56 | 24 | 102 | 7 | 3636 | 27 | 2 | 2 |
| 3184 | 706083 | 3260907 | 47.9 | 8.7 | 30.1 | 5.1 | 3.3 | 1.43 | 0.36 | 6.36 | 27 | 275 | 12 | 4073 | 27 | | 2 |
| 3185 | 707148 | 3260974 | 58.8 | 10.7 | 14.4 | 6 | 3.2 | 1.61 | 0.17 | 2.17 | 22 | 121 | 15 | 3018 | 27 | 2 | 1 |
| 3186 | 706824 | 3260854 | 61.5 | 11.3 | 10.6 | 6.5 | 3.2 | 1.76 | 0.15 | 1.67 | 21 | 105 | 19 | 3142 | 30 | 2 | |
| 3187 | 706636 | 3260745 | 62.8 | 11.5 | 11.1 | 5.9 | 3.2 | 1.73 | 0.16 | 2.1 | 23 | 115 | 14 | 4579 | 31 | 2 | |
| 3188 | 706308 | 3260556 | 54.4 | 12.8 | 19 | 9.6 | 4.7 | 1.26 | 0.28 | 4.7 | 36 | 197 | 36 | 15603 | 36 | 2 | |
| 3189 | 705878 | 3260432 | 51.8 | 11.4 | 15 | 7.2 | 4.5 | 1.32 | 0.2 | 3.05 | 28 | 139 | 14 | 4813 | 30 | 1 | |
| 3190 | 705131 | 3260521 | 57.5 | 12.6 | 15.4 | 6.6 | 3.8 | 1.96 | 0.23 | 3.45 | 27 | 159 | 15 | 7117 | 30 | 2 | |
| 3191 | 704876 | 3260498 | 61.8 | 12.5 | 10.4 | 5 | 3.2 | 2.14 | 0.16 | 1.9 | 18 | 115 | 4 | 5458 | 24 | 2 | 3 |
| 3192 | 704837 | 3260409 | 62.7 | 12.1 | 11.2 | 5.5 | 3.4 | 2.05 | 0.17 | 2.17 | 23 | 112 | 12 | 4660 | 26 | 3 | 2 |
| 3193 | 705208 | 3260411 | 53.3 | 11.7 | 11.9 | 8.1 | 4 | 1.63 | 0.17 | 2.21 | 28 | 118 | 18 | 4747 | 35 | 2 | |
| 3194 | 705453 | 3260168 | 49.7 | 11.5 | 21.6 | 7.6 | 5 | 1.13 | 0.3 | 5.71 | 37 | 206 | 13 | 6001 | 32 | 2 | |
| 3195 | 705631 | 3259862 | 46.7 | 10.4 | 25.1 | 6.9 | 4.2 | 1.3 | 0.32 | 6.89 | 47 | 223 | 9 | 7062 | 31 | 2 | |
| 3196 | 705577 | 3259768 | 61.2 | 12.9 | 13.7 | 6.2 | 4 | 1.92 | 0.18 | 2.7 | 36 | 134 | 21 | 5161 | 33 | 2 | |
| 3197 | 705582 | 3259663 | 53.7 | 11.8 | 16.1 | 6.5 | 4 | 1.52 | 0.22 | 3.68 | 32 | 148 | 20 | 6104 | 32 | 2 | |
| 3198 | 705835 | 3259797 | 42.5 | 9 | 33 | 6.4 | 3.6 | 1.23 | 0.41 | 8.96 | 33 | 252 | 30 | 7343 | 28 | 1 | |
| 3199 | 706218 | 3260203 | 64.6 | 13.6 | 10.7 | 6.2 | 3.3 | 2.01 | 0.15 | 2.23 | 39 | 120 | 31 | 4370 | 28 | 3 | |
| 3200 | 706417 | 3260247 | 54.8 | 11.5 | 14.2 | 5.4 | 3.5 | 2.01 | 0.18 | 2.7 | 35 | 133 | 40 | 3999 | 35 | 2 | |
| 3201 | 706920 | 3260252 | 51.6 | 10.5 | 14.3 | 6.2 | 3.5 | 1.6 | 0.18 | 2.79 | 33 | 123 | 42 | 3658 | 30 | 2 | |
| 3202 | 706875 | 3259910 | 45.2 | 8.8 | 22.7 | 5.8 | 3.4 | 1.41 | 0.26 | 4.27 | 27 | 172 | 49 | 3845 | 28 | 2 | |
| 3203 | 706730 | 3259732 | 55.8 | 10.9 | 9 | 5.4 | 3.1 | 1.85 | 0.14 | 1.43 | 23 | 99 | 46 | 3008 | 31 | 2 | |
| 3204 | 706487 | 3259436 | 57.9 | 12.3 | 8.3 | 5.5 | 2.9 | 2.17 | 0.13 | 1.36 | 20 | 96 | 39 | 3085 | 30 | 2 | |
| 3205 | 706599 | 3259048 | 46.8 | 10.2 | 13.4 | 6.5 | 3.5 | 1.61 | 0.18 | 2.67 | 24 | 130 | 29 | 3984 | 30 | 2 | |

| 3206 | 706258 | 3259053 | 53.8 | 11.1 | 8.6 | 6.3 | 2.9 | 2.18 | 0.12 | 1.39 | 21 | 99 | 44 | 2863 | 31 | 2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3207 | 706069 | 3259017 | 52.3 | 11 | 9.9 | 5.2 | 2.7 | 1.97 | 0.13 | 1.46 | 22 | 118 | 33 | 3087 | 25 | 2 | |
| 3208 | 705646 | 3259041 | 52 | 11.4 | 6.2 | 4.9 | 2.2 | 1.99 | 0.09 | 1 | 13 | 77 | | 2319 | 27 | 2 | |
| 3209 | 703579 | 3259327 | 42.7 | 7.9 | 22.8 | 4.4 | 2.9 | 1.5 | 0.29 | 4.96 | 23 | 214 | 32 | 3721 | 27 | 1 | |
| 3210 | 703684 | 3258938 | 43.4 | 9.1 | 12.3 | 4.1 | 2.7 | 1.5 | 0.17 | 3.14 | 13 | 126 | 4 | 3478 | 26 | 1 | 7 |
| 3211 | 704195 | 3258554 | 58.9 | 11.1 | 19 | 8 | 4.4 | 1.64 | 0.28 | 4.3 | 38 | 173 | 113 | 5500 | 40 | 2 | |
| 3212 | 704802 | 3258738 | 52.4 | 9.7 | 30.1 | 8.3 | 4.5 | 1.5 | 0.4 | 7.4 | 40.0 | 245.0 | 121.0 | 7690.0 | 41.0 | 1.0 | |
| 3213 | 704092 | 3259444 | 65.1 | 11.9 | 13.0 | 7.7 | 3.9 | 2.1 | 0.2 | 2.5 | 45.0 | 129.0 | 137.0 | 5144.0 | 39.0 | 3.0 | |
| 3214 | 704540 | 3259470 | 24.4 | 5.7 | 4.3 | 2.6 | 1.5 | 1.0 | 0.1 | 0.9 | 13.0 | 45.0 | | 2958.0 | 14.0 | 1.0 | |
| 3215 | 703594 | 3259555 | 27.3 | 5.2 | 1.7 | 1.3 | 0.6 | 1.3 | 0.0 | 0.3 | 3.0 | 25.0 | 1.0 | 1415.0 | 7.0 | 1.0 | |
| 3216 | 703675 | 3259762 | 28.4 | 5.7 | 4.6 | 2.6 | 1.2 | 1.2 | 0.1 | 0.9 | 9.0 | 54.0 | 15.0 | 2370.0 | 9.0 | 2.0 | |
| 3217 | 703964 | 3260275 | 29.1 | 5.9 | 4.1 | 2.7 | 1.3 | 1.1 | 0.1 | 0.8 | 13.0 | 49.0 | 13.0 | 2570.0 | 10.0 | 2.0 | |
| 3218 | 704113 | 3259890 | 25.3 | 5.4 | 7.4 | 4.1 | 2.0 | 0.7 | 0.1 | 1.8 | 16.0 | 73.0 | 15.0 | 4869.0 | 14.0 | 1.0 | |
| 3219 | 704068 | 3260618 | 63.8 | 12.4 | 6.3 | 4.6 | 2.2 | 2.7 | 0.1 | 1.0 | 29.0 | 75.0 | 12.0 | 2893.0 | 24.0 | 3.0 | |
| 3220 | 704158 | 3260808 | 50.9 | 10.8 | 21.7 | 5.8 | 3.6 | 1.8 | 0.3 | 6.0 | 38.0 | 217.0 | 12.0 | 8390.0 | 26.0 | 3.0 | |
| 3221 | 703554 | 3261222 | 51.6 | 10.0 | 21.0 | 6.2 | 4.0 | 1.6 | 0.3 | 7.4 | 34.0 | 201.0 | 17.0 | 7759.0 | 27.0 | 3.0 | |
| 3222 | 703897 | 3261468 | 64.0 | 11.6 | 10.0 | 5.4 | 2.7 | 1.9 | 0.2 | 2.3 | 25.0 | 108.0 | 19.0 | 5317.0 | 27.0 | 2.0 | |
| 3223 | 704214 | 3261746 | 71.5 | 9.4 | 9.1 | | | 1.4 | 0.2 | | 6.0 | 92.0 | 18.0 | 5615.0 | 22.0 | 2.0 | |
| 3224 | 703604 | 3262202 | 39.0 | 9.8 | 26.0 | 9.8 | 4.5 | 1.3 | 0.4 | 8.6 | 24.0 | 237.0 | 19.0 | 40509.0 | 26.0 | 3.0 | |
| 3225 | 703562 | 3262275 | 46.6 | 12.1 | 18.2 | 9.0 | 5.0 | 1.5 | 0.3 | 4.3 | 23.0 | 168.0 | 21.0 | 27934.0 | 27.0 | 3.0 | |
| 3226 | 703126 | 3262284 | 56.9 | 12.8 | 11.9 | 6.3 | 3.1 | 1.9 | 0.2 | 2.3 | 22.0 | 132.0 | 19.0 | 7536.0 | 26.0 | 3.0 | |
| 3227 | 703358 | 3262680 | 57.2 | 13.7 | 12.1 | 8.1 | 3.5 | 1.8 | 0.2 | 2.2 | 25.0 | 127.0 | 21.0 | 5786.0 | 25.0 | 3.0 | |
| **SS** | **V** | **Cr** | **Co** | **Ni** | **As** | **Sr** | **Y** | **Nb** | **Mo** | **Ag** | **Sn** | **Ba** | **La** | **Ce** | **W** | **Bi** | **Zr** |
| **Sample** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** |
| 281 | | | | | | | | | | 0.1 | 1 | | 2 | 2407 | 2 | | 181 |
| 326 | 197 | 93 | 30 | 87 | 14 | 437 | 19 | 20 | 1 | | 22 | 432 | 52 | 109 | 30 | | 199 |
| 327 | 283 | 133 | 39 | 100 | 23 | 405 | 28 | 32 | 1 | | 21 | 417 | 70 | 159 | 32 | | 250 |
| 328 | 489 | 317 | 41 | 112 | 35 | 340 | 34 | 38 | 3 | 0.1 | 2 | 309 | 82 | 190 | 37 | | 428 |
| 329 | 205 | 109 | 30 | 88 | 28 | 339 | 16 | 17 | 3 | | 19 | 379 | 46 | 95 | 36 | | 84 |
| 330 | 226 | 113 | 32 | 93 | 46 | 345 | 23 | 24 | 3 | | 22 | 370 | 62 | 134 | 36 | | 157 |
| 331 | 243 | 111 | 33 | 81 | 49 | 363 | 35 | 38 | 4 | | 24 | 404 | 87 | 206 | 44 | | 234 |
| 332 | 225 | 124 | 32 | 90 | 44 | 337 | 21 | 25 | 2 | | 25 | 386 | 57 | 126 | 39 | | 246 |
| 333 | 292 | 272 | 34 | 95 | 36 | 368 | 26 | 34 | 4 | | 14 | 422 | 73 | 167 | 46 | | 296 |
| 334 | 329 | 163 | 35 | 77 | 58 | 402 | 21 | 32 | 3 | | 19 | 472 | 55 | 122 | 42 | | 233 |
| 924 | 809 | 226 | 40 | 79 | 8 | 284 | 45 | 59 | 20 | | 15 | 381 | 79 | 169 | 24 | 19 | 472 |
| 925 | 223 | 99 | 39 | 79 | 48 | 481 | 27 | 25 | 21 | 0.3 | 35 | 565 | 42 | 81 | 29 | 19 | 247 |
| 926 | 224 | 53 | 29 | 43 | 25 | 260 | 78 | 50 | 23 | | 34 | 510 | 150 | 344 | 24 | 20 | 492 |
| 927 | 184 | 96 | 49 | 100 | 58 | 587 | 25 | 25 | 26 | 1 | 46 | 571 | 44 | 90 | 39 | 30 | 234 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 928 | 236 | 77 | 43 | 59 | 56 | 338 | 77 | 56 | 31 | 0.7 | 51 | 574 | 158 | 347 | 37 | 37 | 467 |
| 929 | 684 | 190 | 51 | 88 | 6 | 366 | 30 | 50 | 16 | 0.2 | 28 | 359 | 42 | 74 | 22 | 38 | 248 |
| 930 | 285 | 84 | 44 | 78 | 2 | 473 | 23 | 35 | 16 | | 34 | 629 | 44 | 82 | 22 | 41 | 442 |
| 931 | 513 | 168 | 59 | 108 | 5 | 490 | 39 | 51 | 21 | 0.6 | 43 | 383 | 63 | 130 | 31 | 46 | 283 |
| 932 | 113 | 60 | 40 | 56 | 19 | 371 | 24 | 24 | 21 | 1.2 | 50 | 595 | 45 | 90 | 24 | 44 | 211 |
| 933 | 182 | 52 | 49 | 72 | 40 | 471 | 29 | 31 | 26 | 1.5 | 57 | 587 | 49 | 100 | 44 | 54 | 248 |
| 934 | 1294 | 30 | 54 | 42 | 14 | 150 | 41 | 185 | 37 | | 50 | 266 | 50 | 120 | 67 | 20 | 533 |
| 935 | 286 | 112 | 74 | 105 | 102 | 387 | 32 | 43 | 33 | 2.9 | 107 | 608 | 51 | 122 | 88 | 58 | 349 |
| 936 | 161 | 53 | 24 | 46 | 57 | 409 | 23 | 18 | 2 | | 19 | 558 | 36 | 67 | 39 | 25 | 168 |
| 937 | 273 | 114 | 15 | 37 | 44 | 311 | 31 | 29 | 3 | 0.2 | 13 | 510 | 49 | 90 | 39 | 31 | 416 |
| 938 | 197 | 71 | 20 | 47 | 70 | 354 | 24 | 20 | 3 | | 17 | 512 | 34 | 67 | 53 | 31 | 211 |
| 939 | 12 | 3 | 20 | 47 | 63 | 341 | 22 | 6 | 11 | 10 | 8 | 478 | 52 | 70 | 91 | 71 | |
| 940 | 224 | 81 | 20 | 37 | 38 | 309 | 29 | 21 | | 0.3 | 13 | 465 | 56 | 68 | 34 | 24 | 243 |
| 1077 | 112 | 32 | 19 | 38 | 65 | 277 | 21 | 20 | 5 | 0.6 | 24 | 406 | 44 | 87 | 45 | 2 | 323 |
| 1079 | 525 | 293 | 47 | 105 | 57 | 333 | 45 | 53 | 3 | 0.2 | | 378 | 66 | 147 | 46 | 2 | 297 |
| 1081 | 242 | 56 | 17 | 42 | 49 | 315 | 49 | 46 | 1 | 0.2 | 11 | 398 | 77 | 170 | 53 | 10 | 294 |
| 1083 | 836 | 634 | 62 | 127 | 63 | 283 | 29 | 54 | 7 | 0.5 | 1 | 285 | 34 | 71 | 54 | | 328 |
| 1084 | 1071 | 713 | 71 | 136 | 60 | 213 | 30 | 67 | 10 | 0.6 | 43 | 241 | 42 | 89 | 45 | | 372 |
| 1085 | 260 | 66 | 27 | 49 | 87 | 309 | 46 | 48 | 3 | 0.4 | 15 | 405 | 80 | 173 | 57 | 7 | 286 |
| 1086 | 171 | 35 | 17 | 39 | 79 | 334 | 23 | 24 | | 0.2 | 21 | 465 | 44 | 89 | 62 | 15 | 230 |
| 1087 | 217 | 54 | 22 | 47 | 80 | 313 | 36 | 37 | 2 | 0.4 | 21 | 420 | 63 | 135 | 58 | 17 | 267 |
| 1088 | 1012 | 324 | 58 | 85 | 37 | 167 | 81 | 102 | 16 | 0.5 | 7 | 249 | 113 | 266 | 57 | 15 | 519 |
| 1089 | 535 | 295 | 57 | 107 | 78 | 278 | 32 | 54 | 6 | 0.6 | 1 | 296 | 44 | 97 | 55 | 9 | 277 |
| 1090 | 1233 | 396 | 43 | 98 | 23 | 70 | 93 | 91 | 23 | 1.3 | 1 | 169 | 97 | 267 | 40 | 31 | 740 |
| 1094 | 863 | 312 | 44 | 79 | 51 | 174 | 89 | 86 | 11 | 0.6 | 1 | 262 | 98 | 237 | 45 | 13 | 595 |
| 1095 | 367 | 131 | 24 | 54 | 87 | 259 | 41 | 42 | 4 | 0.3 | | 360 | 61 | 128 | 60 | 14 | 429 |
| 1096 | 357 | 112 | 25 | 54 | 80 | 309 | 68 | 57 | 6 | 0.4 | 3 | 437 | 101 | 243 | 59 | 16 | 447 |
| 1097 | 345 | 106 | 84 | 61 | 76 | 353 | 75 | 60 | 5 | 0.4 | 8 | 621 | 129 | 309 | 56 | 12 | 414 |
| 1098 | 122 | 26 | 13 | 30 | 86 | 274 | 20 | 16 | 1 | 0.1 | 19 | 544 | 41 | 75 | 67 | 12 | 236 |
| 1099 | 238 | 63 | 16 | 38 | 73 | 262 | 50 | 39 | 4 | 0.2 | 11 | 892 | 92 | 213 | 59 | 10 | 505 |
| 1100 | 311 | 54 | 20 | 39 | 88 | 341 | 27 | 30 | 3 | 0.4 | 15 | 767 | 61 | 123 | 59 | 11 | 670 |
| 1103 | 632 | 214 | 32 | 69 | 82 | 354 | 34 | 47 | 9 | 0.7 | 5 | 412 | 52 | 108 | 57 | 6 | 595 |
| 1110 | 235 | 43 | 15 | 31 | | 397 | 55 | 38 | | | 5 | 560 | 107 | 237 | 16 | 2 | 751 |
| 1112 | 273 | 92 | 38 | 75 | 1 | 442 | 34 | 33 | 15 | 1.3 | 10 | 515 | 46 | 113 | 22 | 3 | 650 |
| 1113 | 185 | 104 | 31 | 80 | 26 | 376 | 32 | 27 | 14 | 1.1 | 20 | 445 | 56 | 132 | 28 | 4 | 575 |
| 1206 | 358 | 103 | 34 | 56 | 71 | 224 | 56 | 63 | 11 | | 30 | 423 | 122 | 256 | 64 | 32 | 344 |
| 1207 | 481 | 133 | 40 | 65 | 87 | 201 | 72 | 83 | 15 | | 37 | 399 | 148 | 313 | 76 | 27 | 495 |
| 1208 | 424 | 67 | 34 | 53 | | 299 | 64 | 56 | 12 | 0.1 | 18 | 406 | 114 | 250 | 24 | 26 | 402 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1209 | 488 | 130 | 32 | 48 | 8 | 251 | 90 | 78 | 15 | | 20 | 403 | 173 | 371 | 25 | 27 | 424 |
| 1210 | 376 | 47 | 30 | 39 | 6 | 306 | 50 | 57 | 11 | | 22 | 605 | 87 | 186 | 22 | 17 | 370 |
| 1211 | 368 | 103 | 23 | 47 | 5 | 288 | 99 | 57 | 12 | 0.3 | 21 | 404 | 151 | 350 | 22 | 14 | 767 |
| 1212 | 177 | 70 | 7 | 26 | 5 | 253 | 47 | 28 | 1 | 0.8 | 10 | 485 | 103 | 207 | 32 | 15 | 337 |
| 1213 | 15 | 23 | 9 | 27 | 1 | 367 | 22 | 18 | 4 | 0.1 | 16 | 484 | 45 | 71 | 19 | 26 | 199 |
| 1214 | 195 | 61 | 1 | 13 | 8 | 353 | 15 | 12 | 2 | | 11 | 733 | 38 | 63 | 14 | 26 | 150 |
| 1215 | 195 | 61 | 21 | 45 | 1 | 318 | 45 | 53 | 8 | 0.2 | 19 | 373 | 103 | 196 | 20 | 31 | 336 |
| 1216 | 907 | 332 | 45 | 69 | 44 | 104 | 72 | 92 | 7 | 0.5 | | 277 | 116 | 234 | 45 | | 469 |
| 1217 | 483 | 153 | 37 | 57 | 48 | 207 | 104 | 87 | 7 | | 29 | 316 | 107 | 251 | 50 | 11 | 423 |
| 1218 | 753 | 270 | 27 | 49 | 38 | 139 | 88 | 86 | 8 | 0.5 | 5 | 258 | 91 | 227 | 49 | 1 | 580 |
| 1219 | | | | 4 | 9 | 120 | 47 | 188 | 12 | 383 | 109 | 31 | 190 | 55 | 18 | 20 | |
| 1220 | 176 | 49 | 25 | 49 | 115 | 398 | 25 | 24 | 5 | | 35 | 550 | 41 | 77 | 69 | 20 | 203 |
| 1221 | 365 | 128 | 38 | 60 | 59 | 423 | 27 | 30 | 9 | | 23 | 490 | 44 | 79 | 35 | 1 | 300 |
| 1222 | 317 | 123 | 52 | 82 | 99 | 436 | 27 | 40 | 8 | 0.1 | 24 | 425 | 42 | 70 | 36 | 1 | 214 |
| 1223 | 721 | 279 | 41 | 60 | 44 | 192 | 74 | 63 | 12 | | 16 | 318 | 101 | 235 | 36 | 13 | 639 |
| 1224 | 117 | 64 | 30 | 51 | 59 | 295 | 45 | 39 | 11 | | 33 | 446 | 81 | 169 | 38 | 10 | 219 |
| 1225 | 684 | 218 | 43 | 65 | 69 | 278 | 35 | 47 | 13 | | 23 | 375 | 53 | 103 | 45 | 3 | 557 |
| 1226 | 394 | 122 | 19 | 35 | 6 | 304 | 50 | 42 | 3 | 0.5 | 14 | 444 | 86 | 172 | 29 | | 456 |
| 1227 | 596 | 202 | 22 | 45 | 19 | 217 | 91 | 79 | 6 | 0.4 | 11 | 318 | 112 | 249 | 35 | 3 | 355 |
| 1228 | 737 | 142 | 25 | 44 | 30 | 266 | 37 | 77 | 8 | | 13 | 359 | 48 | 91 | 46 | 9 | 369 |
| 1230 | 322 | 96 | 30 | 58 | 38 | 429 | 32 | 32 | 5 | | 30 | 484 | 44 | 83 | 38 | | 258 |
| 1231 | 189 | 54 | 21 | 51 | 44 | 343 | 21 | 19 | 8 | | 29 | 494 | 38 | 62 | 39 | 6 | 175 |
| 1232 | 303 | 112 | 32 | 64 | 50 | 456 | 29 | 28 | 6 | 0.4 | 32 | 487 | 40 | 74 | 42 | | 241 |
| 1233 | 746 | 44 | 35 | 25 | 67 | 257 | 55 | 99 | 11 | | 39 | 369 | 55 | 117 | 53 | 4 | 438 |
| 1234 | 321 | 106 | 27 | 53 | 64 | 354 | 32 | 36 | 8 | | 34 | 490 | 43 | 89 | 45 | 13 | 270 |
| 1237 | 513 | 149 | 46 | 74 | 1 | 436 | 36 | 40 | 14 | | 25 | 475 | 51 | 94 | 36 | 25 | 354 |
| 1238 | 645 | 142 | 74 | 121 | 1 | 548 | 28 | 64 | 15 | | 27 | 354 | 44 | 74 | 40 | 27 | 334 |
| 1239 | 342 | 120 | 30 | 40 | | 162 | 24 | 34 | 13 | 0.3 | 25 | 178 | 39 | 78 | 32 | 31 | 492 |
| 1240 | 194 | 61 | 37 | 59 | 1 | 327 | 27 | 32 | 14 | | 37 | 507 | 44 | 76 | 41 | 23 | 272 |
| 1241 | 174 | 34 | 20 | 40 | 77 | 495 | 22 | 17 | 5 | | 15 | 542 | 37 | 57 | 29 | 1 | 163 |
| 1242 | 140 | 43 | 18 | 50 | 53 | 487 | 20 | 15 | 5 | | 18 | 528 | 34 | 53 | 25 | 5 | 156 |
| 1243 | 525 | 66 | 29 | 41 | 75 | 336 | 33 | 69 | 11 | | 9 | 417 | 42 | 74 | 37 | | 296 |
| 1244 | 306 | 93 | 23 | 52 | 80 | 429 | 22 | 28 | 7 | | 14 | 519 | 39 | 63 | 38 | 2 | 209 |
| 1245 | 250 | 64 | 29 | 67 | 105 | 428 | 25 | 28 | 8 | | 21 | 506 | 41 | 70 | 42 | | 197 |
| 1247 | 133 | 40 | 16 | 28 | 59 | 275 | 20 | 18 | 7 | | 18 | 344 | 31 | 60 | 35 | 4 | 225 |
| 1248 | 137 | 54 | 17 | 42 | 72 | 292 | 18 | 18 | 6 | | 18 | 414 | 32 | 59 | 30 | | 197 |
| 1249 | 136 | 52 | 16 | 39 | 67 | 277 | 16 | 18 | 6 | | 19 | 427 | 30 | 56 | 34 | | 174 |
| 1250 | 248 | 100 | 19 | 44 | 64 | 241 | 19 | 27 | 7 | | 14 | 407 | 38 | 69 | 40 | 2 | 270 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1251 | 195 | 62 | 24 | 54 | 107 | 382 | 23 | 23 | 9 | | 27 | 484 | 40 | 67 | 44 | | 197 |
| 1252 | 66 | 14 | 4 | 26 | 7 | 216 | 16 | 12 | 1 | | 11 | 420 | 28 | 51 | 9 | | 120 |
| 1253 | 166 | 41 | 17 | 53 | | 422 | 24 | 19 | 3 | | 24 | 507 | 36 | 60 | 22 | | 199 |
| 1254 | 168 | 61 | 9 | 37 | 5 | 416 | 18 | 18 | 1 | | 15 | 579 | 34 | 63 | 18 | 2 | 189 |
| 1255 | 319 | 110 | 17 | 47 | 6 | 377 | 26 | 29 | 2 | | 14 | 544 | 38 | 65 | 24 | 5 | 240 |
| 1256 | 777 | 282 | 26 | 60 | 10 | 269 | 27 | 45 | 7 | 0.8 | | 506 | 40 | 66 | 31 | 6 | 391 |
| 1259 | 569 | 159 | 26 | 59 | 58 | 333 | 25 | 40 | 1 | 0.9 | 4 | 419 | 39 | 68 | 55 | 27 | 299 |
| 1260 | 509 | 165 | 29 | 50 | 40 | 283 | 33 | 43 | | 0.9 | 5 | 444 | 40 | 77 | 53 | 34 | 331 |
| 1263 | 86 | 20 | 8 | 30 | 49 | 352 | 16 | 16 | | | 17 | 497 | 36 | 55 | 44 | 6 | 172 |
| 1309 | 253 | 100 | 23 | 45 | 57 | 431 | 28 | 27 | | | 21 | 560 | 47 | 79 | 56 | 27 | 284 |
| 1310 | 522 | 190 | 41 | 70 | 75 | 472 | 33 | 34 | | 0.3 | 14 | 458 | 45 | 71 | 59 | 29 | 291 |
| 1567 | 209 | 37 | 19 | 39 | 121 | 339 | 31 | 28 | | | 26 | 576 | 81 | 134 | 102 | 9 | 228 |
| 1568 | 247 | 103 | 27 | 59 | 112 | 326 | 23 | 15 | | | 24 | 593 | 47 | 85 | 89 | 4 | 167 |
| 1579 | 220 | 69 | 20 | 38 | 162 | 329 | 25 | 30 | | 0.2 | 28 | 575 | 42 | 69 | 132 | 12 | 263 |
| 1580 | 234 | 73 | 19 | 45 | 160 | 336 | 23 | 30 | | 0.1 | 26 | 582 | 40 | 65 | 130 | 9 | 234 |
| 1581 | 538 | 204 | 49 | 87 | 102 | 436 | 29 | 40 | 4 | | 16 | 385 | 44 | 77 | 82 | 4 | 287 |
| 1582 | 1012 | 343 | 43 | 73 | 78 | 212 | 31 | 65 | 8 | | 3 | 383 | 46 | 84 | 74 | 1 | 553 |
| 1583 | 254 | 102 | 34 | 62 | 142 | 319 | 30 | 34 | 7 | | 36 | 479 | 51 | 99 | 92 | 7 | 249 |
| 1584 | 182 | 57 | 35 | 58 | 167 | 347 | 25 | 30 | 7 | 0.3 | 39 | 487 | 46 | 95 | 98 | 4 | 274 |
| 1585 | 280 | 123 | 32 | 56 | 155 | 325 | 27 | 34 | 8 | 0.6 | 36 | 543 | 49 | 99 | 97 | 4 | 308 |
| 3172 | 265 | 71 | 42 | 73 | 15 | 409 | 29 | 31 | 21 | 1.3 | 22 | 497 | 44 | 38 | 18 | 40 | 209 |
| 3173 | 203 | 58 | 37 | 53 | 10 | 417 | 29 | 26 | 19 | 1.1 | 30 | 677 | 42 | 37 | 13 | 41 | 191 |
| 3174 | 215 | 21 | 40 | 33 | 27 | 404 | 50 | 32 | 16 | 0.8 | 28 | 456 | 49 | 45 | 18 | 46 | 89 |
| 3175 | 453 | 26 | 104 | 126 | 24 | 422 | 81 | 99 | 126 | 6.8 | 101 | 467 | 87 | 188 | 5 | 13 | 407 |
| 3176 | 958 | 16 | 77 | 89 | | 278 | 70 | 169 | 105 | 5.7 | 67 | 311 | 86 | 183 | 11 | 29 | 500 |
| 3177 | 135 | 53 | 51 | 74 | 36 | 411 | 24 | 34 | 61 | 2.7 | 58 | 567 | 44 | 88 | 3 | 35 | 222 |
| 3178 | 184 | 69 | 61 | 85 | 37 | 348 | 25 | 39 | 76 | 3.4 | 58 | 443 | 47 | 97 | 6 | 42 | 205 |
| 3179 | 161 | 63 | 28 | 56 | 4 | 440 | 24 | 30 | 32 | 0.8 | 45 | 468 | 41 | 72 | | | 214 |
| 3180 | 245 | 96 | 30 | 56 | 9 | 461 | 27 | 37 | 18 | 0.7 | 37 | 577 | 42 | 77 | | 14 | 238 |
| 3181 | 426 | 156 | 39 | 65 | 3 | 388 | 31 | 49 | 28 | 1.5 | 36 | 482 | 42 | 81 | | 23 | 283 |
| 3182 | 186 | 78 | 49 | 73 | 6 | 445 | 26 | 39 | 51 | 2.6 | 56 | 561 | 42 | 85 | | 56 | 202 |
| 3183 | 136 | 66 | 45 | 62 | | 394 | 22 | 27 | 44 | 1.7 | 41 | 525 | 39 | 78 | | 24 | 179 |
| 3184 | 782 | 274 | 71 | 107 | | 242 | 32 | 74 | 68 | 4.4 | 34 | 326 | 51 | 102 | 2 | 69 | 323 |
| 3185 | 243 | 115 | 41 | 65 | 10 | 282 | 32 | 41 | 61 | 2.5 | 56 | 464 | 48 | 102 | | 25 | 353 |
| 3186 | 164 | 79 | 43 | 66 | 14 | 306 | 30 | 36 | 63 | 2.6 | 61 | 490 | 46 | 100 | | 28 | 281 |
| 3187 | 170 | 70 | 46 | 70 | 39 | 315 | 27 | 35 | 58 | 2.6 | 59 | 505 | 45 | 90 | 2 | 38 | 231 |
| 3188 | 321 | 85 | 67 | 101 | 61 | 491 | 49 | 56 | 68 | 4.2 | 93 | 501 | 56 | 108 | | 20 | 340 |
| 3189 | 266 | 142 | 53 | 85 | 26 | 361 | 27 | 40 | 63 | 2.5 | 66 | 458 | 41 | 80 | 1 | 58 | 220 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3190 | 252 | 50 | 36 | 71 | 30 | 447 | 30 | 40 | 58 | 1.5 | 56 | 567 | 47 | 77 | 2 | | 292 |
| 3191 | 149 | 53 | 4 | 2 | | 396 | 23 | 19 | 2 | 0.8 | 12 | 522 | 30 | 38 | 2 | 1 | 218 |
| 3192 | 160 | 53 | 38 | 75 | 8 | 386 | 29 | 35 | 50 | 2.1 | 66 | 553 | 48 | 86 | | 16 | 216 |
| 3193 | 177 | 73 | 43 | 79 | 26 | 403 | 28 | 31 | 70 | 2.3 | 63 | 507 | 45 | 74 | | 12 | 239 |
| 3194 | 494 | 177 | 63 | 133 | 26 | 501 | 36 | 59 | 64 | 3.1 | 75 | 408 | 51 | 95 | | 41 | 295 |
| 3195 | 603 | 200 | 76 | 125 | 16 | 420 | 41 | 76 | 70 | 3.9 | 79 | 378 | 58 | 112 | | 60 | 863 |
| 3196 | 233 | 108 | 54 | 82 | 31 | 474 | 32 | 43 | 56 | 2.4 | 69 | 541 | 49 | 93 | | 31 | 287 |
| 3197 | 298 | 94 | 48 | 77 | | 428 | 30 | 47 | 48 | 3.2 | 76 | 526 | 47 | 81 | 3 | 40 | 297 |
| 3198 | 838 | 268 | 79 | 112 | 39 | 308 | 36 | 85 | 75 | 5 | 79 | 385 | 54 | 107 | 9 | 72 | 515 |
| 3199 | 170 | 55 | 71 | 107 | 11 | 443 | 31 | 45 | 84 | 4.4 | 78 | 547 | 62 | 126 | | 61 | 295 |
| 3200 | 258 | 115 | 71 | 102 | 23 | 408 | 36 | 48 | 80 | 3.9 | 58 | 462 | 62 | 133 | 11 | 151 | 657 |
| 3201 | 261 | 100 | 74 | 118 | 38 | 357 | 38 | 54 | 88 | 5.1 | 79 | 393 | 59 | 126 | 2 | 179 | 376 |
| 3202 | 503 | 209 | 76 | 113 | 57 | 296 | 38 | 66 | 90 | 5.5 | 96 | 365 | 54 | 123 | 20 | 203 | 553 |
| 3203 | 131 | 76 | 63 | 95 | 72 | 349 | 30 | 36 | 77 | 3.8 | 78 | 469 | 52 | 116 | 20 | 200 | 277 |
| 3204 | 114 | 54 | 15 | 36 | 32 | 373 | 24 | 23 | 31 | 0.8 | 32 | 569 | 40 | 65 | 8 | 253 | 242 |
| 3205 | 243 | 94 | 33 | 64 | 18 | 382 | 27 | 35 | 37 | 0.9 | 40 | 459 | 37 | 65 | 9 | 262 | 289 |
| 3206 | 123 | 59 | 46 | 67 | 21 | 332 | 25 | 32 | 57 | 3.2 | 68 | 520 | 47 | 85 | 8 | 326 | 275 |
| 3207 | 159 | 77 | | 13 | 39 | 315 | 23 | 21 | | 0.1 | 12 | 502 | 31 | 45 | | 188 | 615 |
| 3208 | 83 | 30 | 4 | 6 | 4 | 329 | 18 | 9 | 5 | 0.9 | 1 | 522 | 25 | 28 | 3 | 75 | 263 |
| 3209 | 557 | 195 | 13 | 38 | 6 | 279 | 21 | 54 | | | 43 | 292 | 24 | 26 | 26 | 13 | 369 |
| 3210 | 271 | 78 | 2 | 4 | 10 | 278 | 19 | 14 | 2 | 0.9 | 5 | 379 | 16 | | 7 | 29 | 312 |
| 3211 | 368 | 164 | 165 | 241 | 91 | 467 | 40 | 78 | 183 | 9.9 | 151 | 538 | 77 | 182 | 56 | 196 | 572 |
| 3212 | 691.0 | 262.0 | 182.0 | 235.0 | 99.0 | 436.0 | 46.0 | 109.0 | 210.0 | 12.1 | 206.0 | 456.0 | 87.0 | 219.0 | 65.0 | 246.0 | 622.0 |
| 3213 | 189.0 | 67.0 | 182.0 | 237.0 | 100.0 | 527.0 | 37.0 | 71.0 | 204.0 | 11.6 | 183.0 | 516.0 | 82.0 | 200.0 | 73.0 | 242.0 | 412.0 |
| 3214 | 65.0 | 17.0 | 7.0 | | 25.0 | 204.0 | 11.0 | 4.0 | 3.0 | 0.2 | 5.0 | 233.0 | 11.0 | 9.0 | | 2.0 | 284.0 |
| 3215 | 26.0 | 3.0 | 1.0 | | 14.0 | 81.0 | 6.0 | | 3.0 | 0.6 | 4.0 | 176.0 | 2.0 | 6.0 | | 5.0 | 169.0 |
| 3216 | 83.0 | 34.0 | 17.0 | 34.0 | 49.0 | 175.0 | 11.0 | 13.0 | 14.0 | 0.8 | 17.0 | 218.0 | 20.0 | 49.0 | 2.0 | 17.0 | 344.0 |
| 3217 | 64.0 | 19.0 | 17.0 | 32.0 | 64.0 | 217.0 | 11.0 | 11.0 | 13.0 | 0.9 | 20.0 | 236.0 | 21.0 | 50.0 | 2.0 | 26.0 | 351.0 |
| 3218 | 152.0 | 30.0 | 35.0 | 49.0 | 61.0 | 220.0 | 16.0 | 22.0 | 25.0 | 1.8 | 29.0 | 201.0 | 25.0 | 67.0 | 5.0 | 74.0 | 392.0 |
| 3219 | 70.0 | 39.0 | 17.0 | 43.0 | 27.0 | 378.0 | 17.0 | 18.0 | 26.0 | 0.3 | 30.0 | 518.0 | 33.0 | 52.0 | 1.0 | 29.0 | 607.0 |
| 3220 | 496.0 | 135.0 | 39.0 | 67.0 | 15.0 | 396.0 | 29.0 | 54.0 | 37.0 | 1.3 | 34.0 | 411.0 | 38.0 | 72.0 | | 52.0 | 913.0 |
| 3221 | 490.0 | 127.0 | 50.0 | 77.0 | 15.0 | 446.0 | 34.0 | 62.0 | 40.0 | 1.4 | 42.0 | 528.0 | 46.0 | 85.0 | | 68.0 | 906.0 |
| 3222 | 157.0 | 63.0 | 28.0 | 49.0 | 32.0 | 441.0 | 28.0 | 34.0 | 34.0 | 1.0 | 37.0 | 587.0 | 40.0 | 77.0 | 1.0 | 46.0 | 760.0 |
| 3223 | 7.0 | 22.0 | 42.0 | 79.0 | 19.0 | 369.0 | | 6.0 | 89.0 | 6.9 | 30.0 | 655.0 | 52.0 | 55.0 | 5.0 | 38.0 | 842.0 |
| 3224 | 446.0 | 27.0 | 50.0 | 54.0 | 35.0 | 455.0 | 64.0 | 72.0 | 51.0 | 1.6 | 55.0 | 490.0 | 62.0 | 203.0 | | 39.0 | 265.0 |
| 3225 | 209.0 | 23.0 | 48.0 | 50.0 | 30.0 | 538.0 | 47.0 | 44.0 | 48.0 | 1.4 | 66.0 | 625.0 | 50.0 | 141.0 | | 39.0 | 765.0 |
| 3226 | 171.0 | 69.0 | 33.0 | 47.0 | 32.0 | 468.0 | 31.0 | 32.0 | 40.0 | 1.2 | 39.0 | 612.0 | 44.0 | 90.0 | | 25.0 | 878.0 |
| 3227 | 173.0 | 84.0 | 35.0 | 53.0 | 11.0 | 530.0 | 29.0 | 33.0 | 43.0 | 1.3 | 47.0 | 628.0 | 42.0 | 84.0 | | 35.0 | 788.0 |

***Note:*** *The sample locations are inaccurate as the shift can be up to a hundred meters from the actual location due to the methods adopted for conducting the regional survey in the 1990s.*