

PLACER DOME RESEARCH CENTRE
Geochemical Analysis

861114

Project/Venture: V304 Geol: B SMEE Date Received: MARCH 23, 1992 Page 1 of 1
 Area: SHEAR 92H14E Lab Project No.: D2340 Date Completed: MARCH 31, 1992 Attn: B SMEE
 Remarks: SEE LAB PROJECT P2343 FOR HG RESULTS ON THESE SAMPLES G LUSTIG
 Au - 10.0 g sample digested with Aqua Regia and determined by Graphite Furnace A.A. (D.L. 1 PPB) B BARDE
 ICP - 0.5 g sample digested with 4 ml Aqua Regia at 100 Deg. C for 2 hours. E KIMURA
 N.B. The major oxide elements, Ba, Be, Cr, La and W are rarely dissolved completely with this acid dissolution method

| SAMPLE No. | Au ppb | Ag ppm | Mo ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cd ppm | Ni ppm | Co ppm | Mn ppm | Bi ppm | Cr ppm | V ppm | Ba ppm | W ppm | Be ppm | La ppm | Sr ppm | Ti % | Al % | Ca % | Fe % | Mg % | K % | Na % | P % |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|------|------|------|------|------|------|------|------|
| A8638 | 75 | 0.1 | 4 | 254 | 2 | 25 | 7 | <5 | <0.1 | 6 | 25 | 254 | <2 | 47 | 43 | 39 | <5 | 0.3 | 3 | 34 | 0.06 | 1.03 | 1.06 | 3.31 | 0.67 | 0.10 | 0.04 | 0.13 |
| A8639 | 52 | 0.1 | 3 | 203 | 1 | 39 | <5 | <5 | 0.3 | 22 | 23 | 381 | <2 | 56 | 238 | 74 | <5 | 0.4 | 4 | 41 | 0.18 | 1.93 | 1.47 | 6.57 | 1.75 | 0.12 | 0.05 | 0.18 |
| A8639* | 50 | 0.1 | 3 | 192 | 2 | 37 | <5 | <5 | 0.3 | 20 | 22 | 356 | <2 | 50 | 230 | 73 | <5 | 0.4 | 4 | 39 | 0.18 | 1.86 | 1.43 | 6.17 | 1.65 | 0.12 | 0.05 | 0.17 |
| STD-ET-P1 | 84 | 0.2 | 58 | 26 | 51 | 145 | 22 | 6 | 0.6 | 31 | 7 | 581 | <2 | 114 | 33 | 177 | 5 | 0.5 | 8 | 82 | 0.10 | 0.99 | 0.86 | 2.22 | 0.84 | 0.34 | 0.07 | 0.08 |

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SHEAR92H1JE

Lab Project No.:

D2339

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Remarks:

SEE LAB PROJECT P2342 FOR HG RESULTS ON THESE SAMPLES

Au - 10.0 g sample digested with Aqua Regia and determined by Graphite Furnace A.A. (D.L. 1 PPB)

ICP - 0.5 g sample digested with 4 ml Aqua Regia at 100 Deg. C for 2 hours.

G LUSTIG

E KIMURA

B BARDE

N.B. The major oxide elements, Ba, Be, Cr, La and W are rarely dissolved completely with this acid dissolution method.

| SAMPLE No. | Au ppb | Ag ppm | Mo ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cd ppm | Ni ppm | Co ppm | Mn ppm | Bi ppm | Cr ppm | V ppm | Ba ppm | W ppm | Be ppm | La ppm | Sr ppm | Ti % | Al % | Ca % | Fe % | Mg % | K % | Na % | P % |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|------|------|------|------|------|------|------|------|
| D8637 | 125 | 0.2 | 3 | 305 | 2 | 54 | 7 | <5 | <0.1 | 35 | 21 | 409 | <2 | 78 | 118 | 122 | <5 | 0.5 | 9 | 44 | 0.11 | 1.86 | 0.55 | 4.91 | 0.94 | 0.08 | 0.02 | 0.07 |
| D8640 | 9 | 0.2 | 2 | 366 | 3 | 78 | 14 | <5 | 0.3 | 32 | 16 | 1052 | <2 | 69 | 101 | 153 | <5 | 0.5 | 8 | 53 | 0.09 | 1.67 | 1.05 | 3.98 | 1.10 | 0.09 | 0.02 | 0.13 |
| D8641 | 5 | 0.3 | 2 | 480 | 2 | 71 | 18 | <5 | 0.2 | 30 | 17 | 1115 | <2 | 63 | 102 | 145 | <5 | 0.5 | 8 | 59 | 0.09 | 1.57 | 1.58 | 3.94 | 1.09 | 0.07 | 0.03 | 0.13 |
| D8642 | 5 | 0.2 | 2 | 174 | 2 | 78 | 13 | <5 | 0.2 | 36 | 16 | 647 | <2 | 72 | 108 | 149 | <5 | 0.6 | 9 | 53 | 0.10 | 2.36 | 0.78 | 4.39 | 1.13 | 0.14 | 0.02 | 0.14 |
| D8643 | 4 | 0.2 | 3 | 73 | 3 | 76 | 5 | <5 | <0.1 | 27 | 11 | 520 | <2 | 63 | 68 | 166 | <5 | 0.5 | 6 | 36 | 0.09 | 1.86 | 0.53 | 3.20 | 0.62 | 0.20 | 0.01 | 0.08 |
| D8643* | 7 | 0.2 | 2 | 73 | <1 | 76 | 8 | <5 | <0.1 | 27 | 12 | 543 | <2 | 63 | 67 | 172 | <5 | 0.5 | 6 | 36 | 0.08 | 1.85 | 0.53 | 3.34 | 0.63 | 0.20 | 0.01 | 0.08 |
| STD-ET-P1 | 62 | 0.3 | 57 | 28 | 47 | 143 | 20 | <5 | 0.3 | 32 | 6 | 582 | <2 | 118 | 33 | 193 | <5 | 0.4 | 5 | 91 | 0.10 | 1.08 | 0.93 | 2.21 | 0.84 | 0.38 | 0.08 | 0.08 |

