



PLACER DOME INC.  
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VANCOUVER, B.C. CANADA V7X 1P1

675787  
93 N/1  
Mt. Mulligan

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FROM: ERIC TITLEY  
EXPLORATION DEPARTMENT

ATTN: KEN DAWSON

NBR OF PAGES: 3  
(INCL. THIS ONE)

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REFERENCE: P.G.M.'s at Mt. Milligan

Pn Cu concentrate:

Pt .05 g/t

Pd .45 g/t

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TABLE 5-2

87510.  
93 N/1  
Mt. Milligan

MT. MILLIGAN PILOT PLANT  
TYPICAL COPPER CONCENTRATE ANALYSES

| <u>Element</u>                 | <u>%</u> | <u>Typical</u>        |                       |
|--------------------------------|----------|-----------------------|-----------------------|
|                                |          | <u>Smelter Limits</u> | <u>Penalty Reject</u> |
| Cu                             | 18.3     | -                     | -                     |
| Au (g/tonne)                   | 32.8     | -                     | -                     |
| Ag (g/tonne)                   | 91.9     | -                     | -                     |
| Pt (g/tonne)                   | 0.05     | -                     | -                     |
| Pd (g/tonne)                   | 0.45     | -                     | -                     |
| Pb                             | 0.11     | 0.05                  | 1.5                   |
| Zn                             | 0.27     | -                     | -                     |
| Fe                             | 32.7     | -                     | -                     |
| S                              | 37.9     | -                     | -                     |
| Ni + Co                        | 0.075    | 0.5                   | -                     |
| As                             | 0.017    | 0.2                   | 0.4                   |
| Sb                             | 0.024    | 0.3                   | -                     |
| F                              | 0.02     | 0.02                  | 0.05                  |
| Cl                             | 0.0048   | 0.05                  | -                     |
| Hg                             | 0.00068  | 0.0005                | 0.003                 |
| Al <sub>2</sub> O <sub>3</sub> | 1.53     | 3                     | 6                     |
| Bi                             | <0.002   | -                     | -                     |
| CuO                            | 0.16     | -                     | -                     |
| SiO <sub>2</sub>               | 7.71     | -                     | -                     |
| CaO                            | 0.76     | -                     | -                     |
| MgO                            | 1.47     | -                     | -                     |
| Na <sub>2</sub> O              | 0.19     | -                     | -                     |

TABLE 3-1

## TYPICAL MT. MILLIGAN ORE COMPOSITE ANALYSES

| Element (%)      | MAIN    | MBX     | SIX     | WBX     | STR     | OXD     |
|------------------|---------|---------|---------|---------|---------|---------|
| Au, g/tonne      | 0.66    | 0.61    | 0.60    | 0.24    | 0.71    | 0.35    |
| Ag, g/tonne      | 1.0     | 1.0     | 0.7     | 1.7     | 1.2     | 1.0     |
| Pt               | <0.02   | <0.02   | <0.02   | <0.02   | <0.02   | <0.02   |
| Pd               | 0.02    | 0.03    | <0.02   | 0.02    | <0.02   | <0.02   |
| As               | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  |
| Bi               | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  |
| Ca               | 3.55    | 3.59    | 3.46    | 3.18    | 3.01    | 0.56    |
| Cd               | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  |
| Co               | 0.004   | 0.004   | 0.004   | 0.002   | 0.004   | 0.001   |
| Cu (total)       | 0.23    | 0.34    | 0.073   | 0.22    | 0.25    | 0.39    |
| Cu (oxide)       | 0.013   | 0.022   | 0.006   | 0.014   | 0.023   | 0.16    |
| Fe               | 7.22    | 7.04    | 7.64    | 4.80    | 7.01    | 1.89    |
| Hg               | 0.00003 | 0.00003 | 0.00003 | 0.00004 | 0.00004 | 0.00004 |
| Mg               | 2.76    | 2.94    | 2.64    | 2.64    | 2.81    | 0.44    |
| Mo               | 0.002   | 0.002   | 0.002   | <0.002  | 0.002   | <0.002  |
| Ni               | 0.005   | 0.006   | 0.013   | 0.006   | 0.015   | 0.005   |
| Pb               | 0.003   | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  |
| S (total)        | 3.54    | 2.94    | 4.14    | 0.91    | 2.63    | 0.34    |
| S <sup>2-</sup>  | 3.19    | 2.74    | 4.02    | 0.076   | 2.18    | 0.28    |
| Sb               | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  | <0.002  |
| Se               | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  |
| Sn               | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  |
| Zn               | 0.017   | 0.006   | 0.008   | 0.007   | 0.012   | 0.006   |
| SiO <sub>2</sub> | 47.8    | 48.0    | 47.8    | 53.8    | 48.3    | 61.1    |
| LOI              | 7.33    | 7.04    | 7.61    | 4.90    | 6.46    | 2.21    |
| SG               | N/A     | 2.81    | 2.87    | 2.81    | 2.85    | 2.73    |

Note:

The MAIN composite prepared for the pilot plant, representing the main Mt. Milligan orebody, is a 50:50 blend of Composites MBX and SIX