SILVER STANDARD

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**SILVER STANDARD CORPORATE EXPLORATION UPDATE**

VANCOUVER, B.C. -- Silver Standard Resources Inc. (NASDAQ: SSRI) (TSX: SSO) ("Silver Standard") provides an update on its exploration activities at its Marigold mine in Nevada, U.S. and Seabee Gold Operation in Saskatchewan, Canada.

**Highlights:**

- Highlighted drill results at the Marigold mine include:
  - At HideOut, drillhole MRA6341 intersected 3.25 g/t gold over 18.3meters from 199.6 meters below surface; and
  - At Mud Pit, drillhole MRA6300 intersected 1.93 g/t gold over 45.7 meters from the drill collar.
- Highlighted drill results at the Seabee Gold Operation include:
  - At Santoy 8A, drillhole SUG-16-920 intersected 27.86 g/t gold over 5.8 meters of true width; and
  - At Santoy 9C, drillhole SUG-16-063 intersected 33.81 g/t gold over 4.1 meters of true width.

Paul Benson, President and CEO said, "We are encouraged by these exploration results at Marigold and Seabee as they demonstrate resource growth potential. We expect our exploration activity at both operations will positively impact our 2016 Mineral Reserves statement, generating value for our shareholders. Infill and conversion drilling at Seabee indicate the potential to grow our Mineral Resources at that high-margin operation, while we broaden our scope in the district targeting a new discovery in 2017."

**Marigold mine, U.S.**

Exploration activities during the third quarter of 2016 focused on drilling oxide resource targets at the HideOut area and the adjoining Valmy property. The objective of our drilling activities is the expansion of Mineral Resources and their conversion to Mineral Reserves. We completed 13,408 meters of reverse circulation drilling in 50 drillholes on the HideOut and Valmy target areas, where previous results demonstrated potential for Mineral Resource addition or Mineral Reserve conversion.

At HideOut, in addition to in-fill drilling, we extended the high-grade structure by 150 meters in the direction of the 8 South pit extension ("8SX") zone. The most notable result was drillhole

MRA6341, which intersected 3.25 g/t gold over 18.3 meters, including 7.13 g/t over 7.6 meters, as shown on Figure 1. Such results demonstrate the potential to increase Mineral Resources or convert to Mineral Reserves at Hideout. The 350-meter long area between the HideOut and the 8SX areas remains open for extension of the existing mineralized areas. Indicated Mineral Resources at HideOut and the 8 South areas totaled 350,000 ounces of gold as at December 31, 2015.

Drilling at the Valmy property focused on increasing Mineral Resources adjacent to the existing Valmy and Mud pits by drilling step out holes. The best results include drillhole MRA6300, which intersected 1.93 g/t gold over 45.7 meters starting at the hole's collar, and drillhole MR6286, which intersected 1.02 g/t gold over 22.9 meters and 1.35 g/t gold over 32.0 meters. Figure 2 shows a drill plan map for the Valmy property. The results of exploration drilling in this area continue to confirm and extend the higher grade structural trend beyond the southeast corner of the Valmy pit. During the third quarter, drilling results defined a second mineralized zone 90 meters below the current Mineral Resources, as illustrated on Figure 3 in drillhole MR6286. At Valmy, the mineralization is open to the south and east. Inferred Mineral Resources totaled 300,000 ounces of gold at the Valmy property as at December 31, 2015.

Table 1 lists all drill results from the third quarter of 2016, while Table 2 provides the collar coordinates and drillhole lengths.

Deep Sulphide Exploration and Gravity Survey

One core drillhole is planned for the fourth quarter to explore the deep sulphide potential at Marigold, with additional core holes to follow in 2017. A gravity survey was conducted during the third quarter including portions of the Valmy and Marigold properties. Gravity data will be compiled and used to refine geologic concepts applied to the targeting of deeper structural features and potential conduits for the mineralizing fluids.

**Seabee Gold Operation, Canada**

For 2016, the operation planned 65,000 meters of underground drilling and 18,000 meters of surface drilling to increase and convert Mineral Resources. During the first nine months of the year, a total of 43,315 meters from underground and 16,643 meters from surface in 149 and 44 diamond drillholes, respectively, was completed. Drilling activities centered on the Santoy mine complex and the deeper levels of the Seabee mine. A drill program was also initiated to test multiple targets on the "5-1" shear zone system, which parallels the Seabee shear zone to the south.

During the third quarter, a total of 43 drillholes were drilled to infill the Santoy 8A and Santoy Gap 9A, 9B and 9C mineralized quartz vein structures and the Seabee mine, for a quarterly total of 13,540 meters. The drill results from our underground program are shown on the longitudinal section in Figure 4. These results have indicated the potential to upgrade Mineral Resources below the 39 Level drill bay, and have also been successful in discovering a new mineralized zone, which is likely the down plunge extension of the 8A area and is closer to existing infrastructure. Table 3 lists all drill results at the Santoy mine complex for the third quarter of 2016.

**Next Steps**

At the Marigold mine, fourth quarter exploration drilling will be directed at expanding Mineral Resources to the south and east of the existing Valmy pit and exploring for the eastern extension of mineralization that was previously mined in the Basalt pit. We expect to complete one deep core hole by the end of the fourth quarter, representing the sixth deep core hole targeting higher-grade sulphide mineralization. We plan to complete a total of three deep core holes by the end of the first quarter of 2017. Results from our 2016 drill program, along with results from the Assay Program, will be included in our 2016 Mineral Reserves and Resources statement to be published in the first quarter of 2017.

At the Seabee Gold Operation, our exploration program will continue during the fourth quarter with infill drilling at the Santoy Gap area to convert Inferred Mineral Resources to Measured and Indicated Mineral Resources. At surface, our drilling focus will be on infilling the up dip area to convert and extend Mineral Resources at the Santoy mine complex, up dip or plunge of the 9A and 9C areas. All exploration results will be included in our 2016 Mineral Reserves and Resources statement to be published in the first quarter of 2017.

Figure 1. Drillhole location plan map for the 2016 exploration drill program at the HideOut area, Marigold mine, Nevada, U.S.

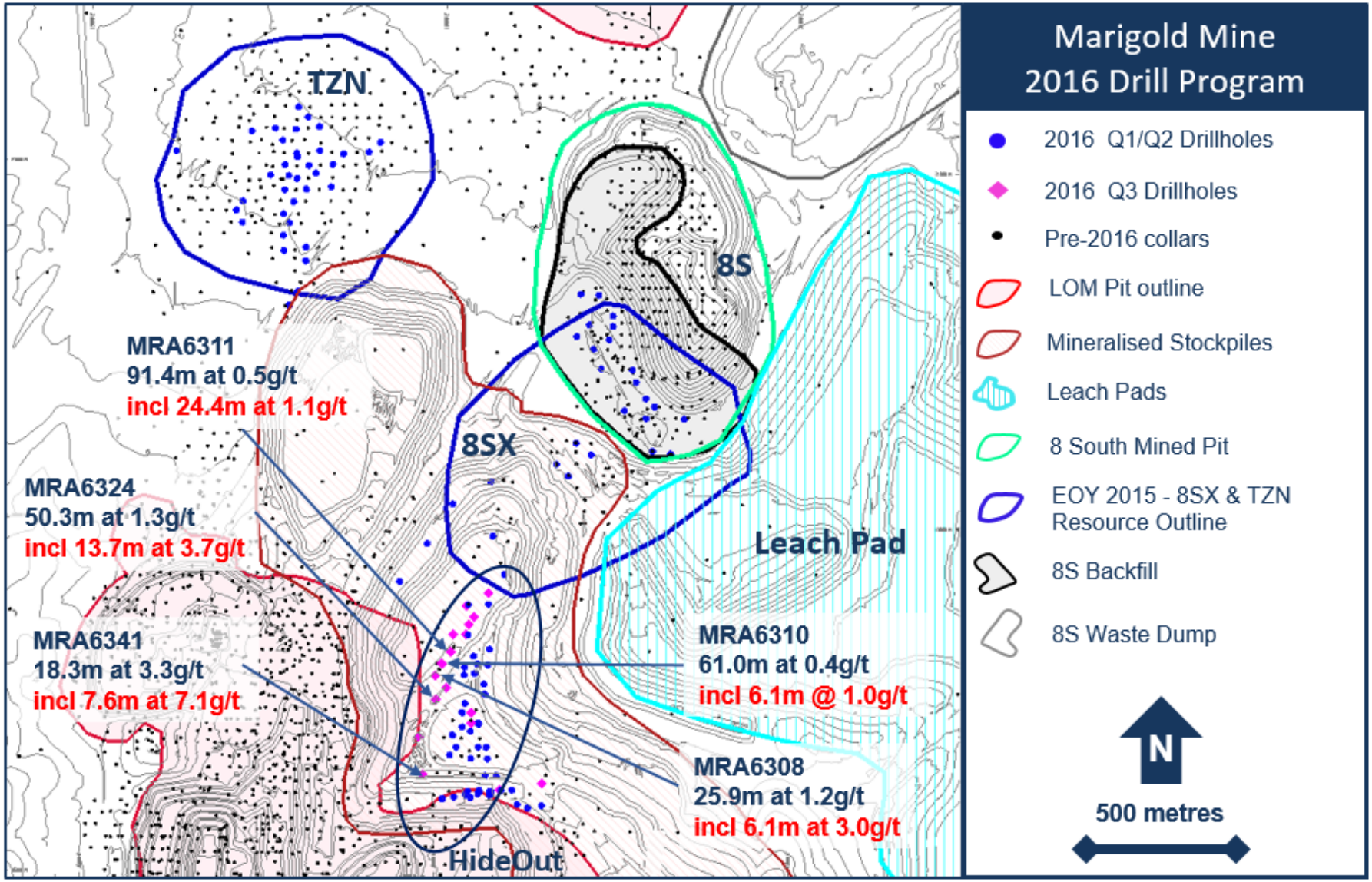

Figure 2. Drillhole location plan map for the 2016 exploration drill program at the Valmy property, Marigold mine, Nevada, U.S.

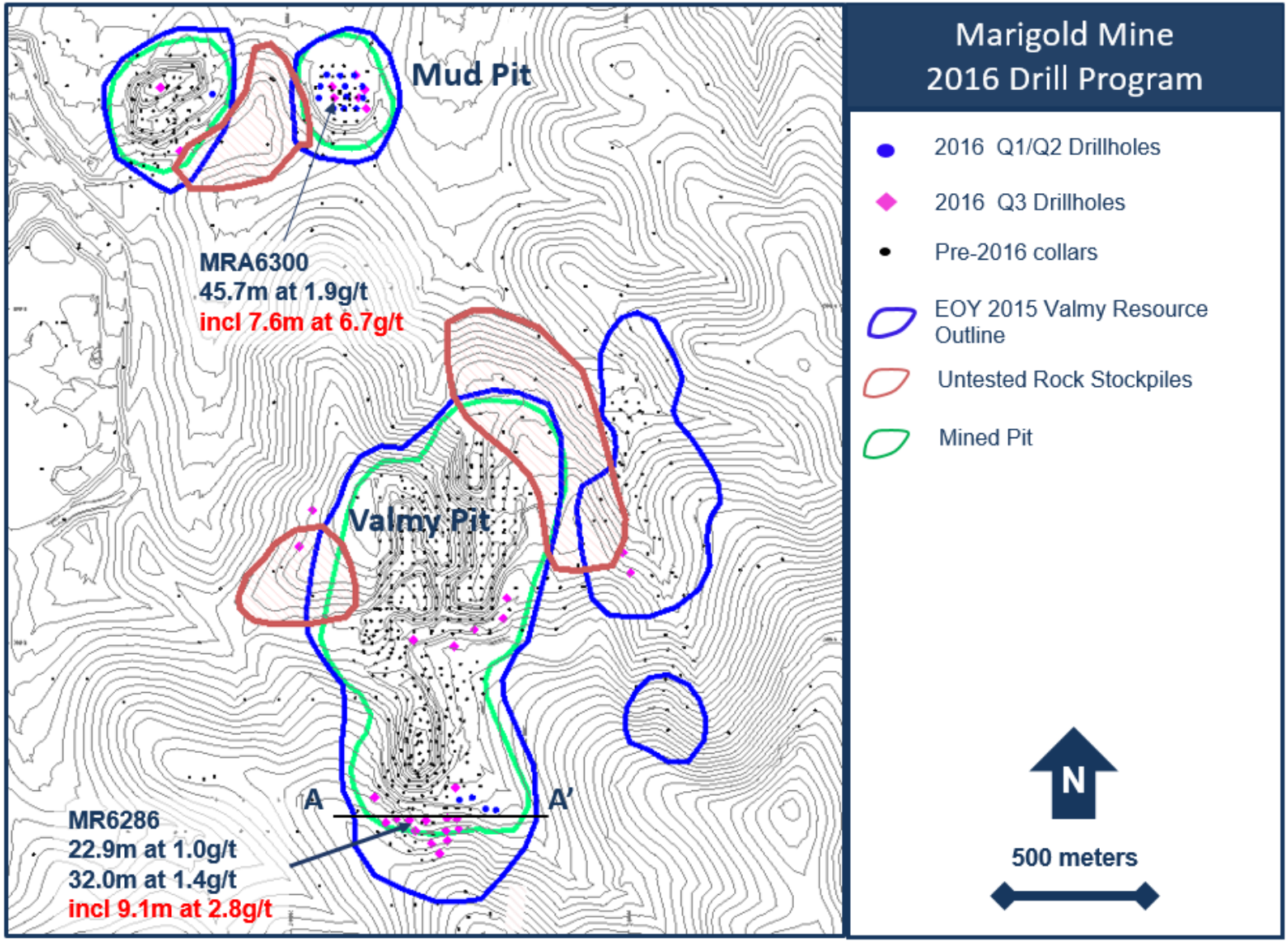

Figure 3. Drill cross section along A-A' highlighting the second favorable mineralized horizon, South of the existing Valmy pit at the Marigold mine, Nevada, U.S.

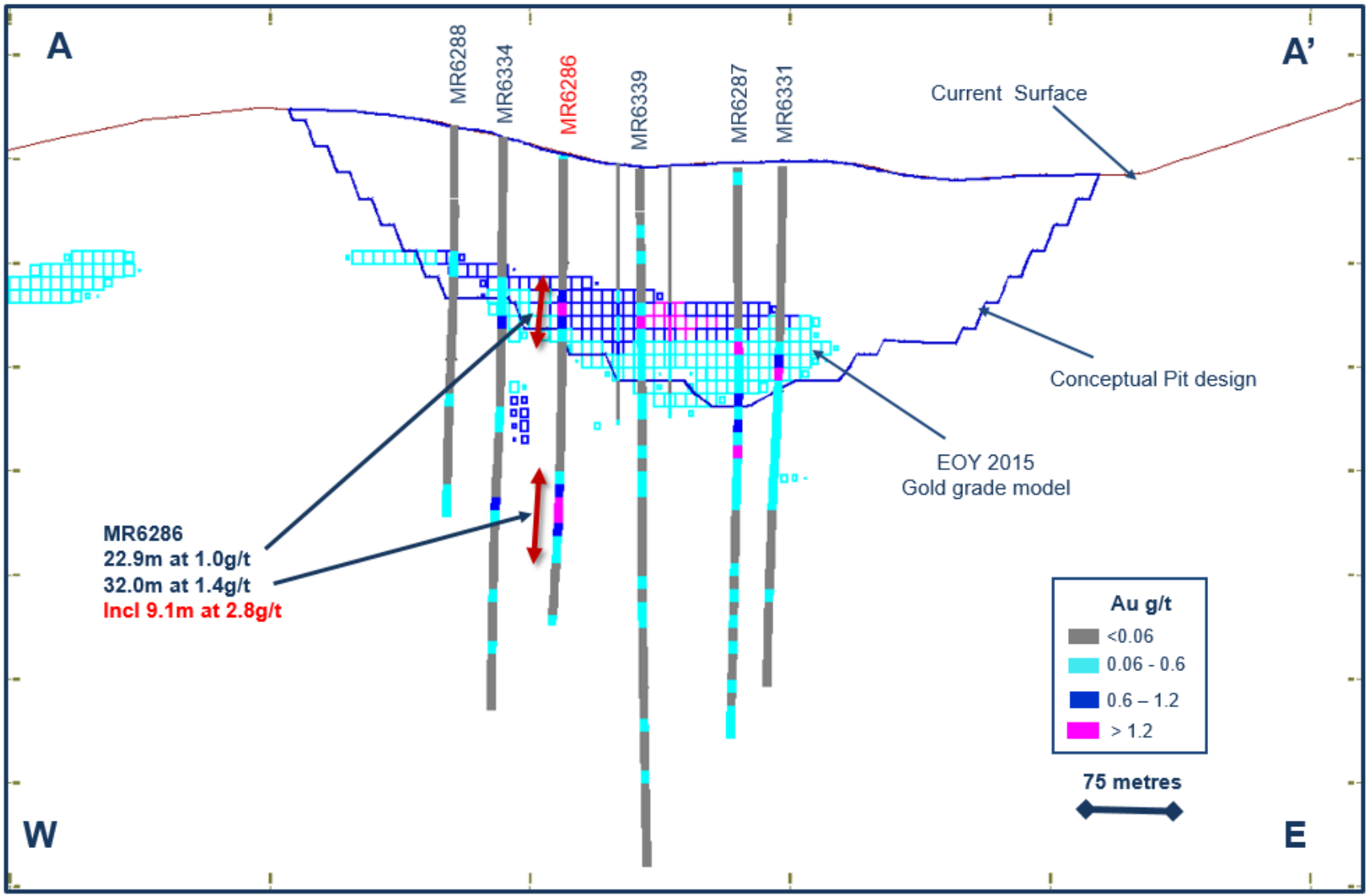

Figure 4. Longitudinal section for the third quarter 2016 exploration drill program at Santoy mine complex, Seabee Gold Operation, Saskatchewan, Canada. Note: Measured and Indicated Mineral Resources, Inferred Mineral Resources and Mined Areas are as at December 31, 2015 as reported by Claude Resources Inc.

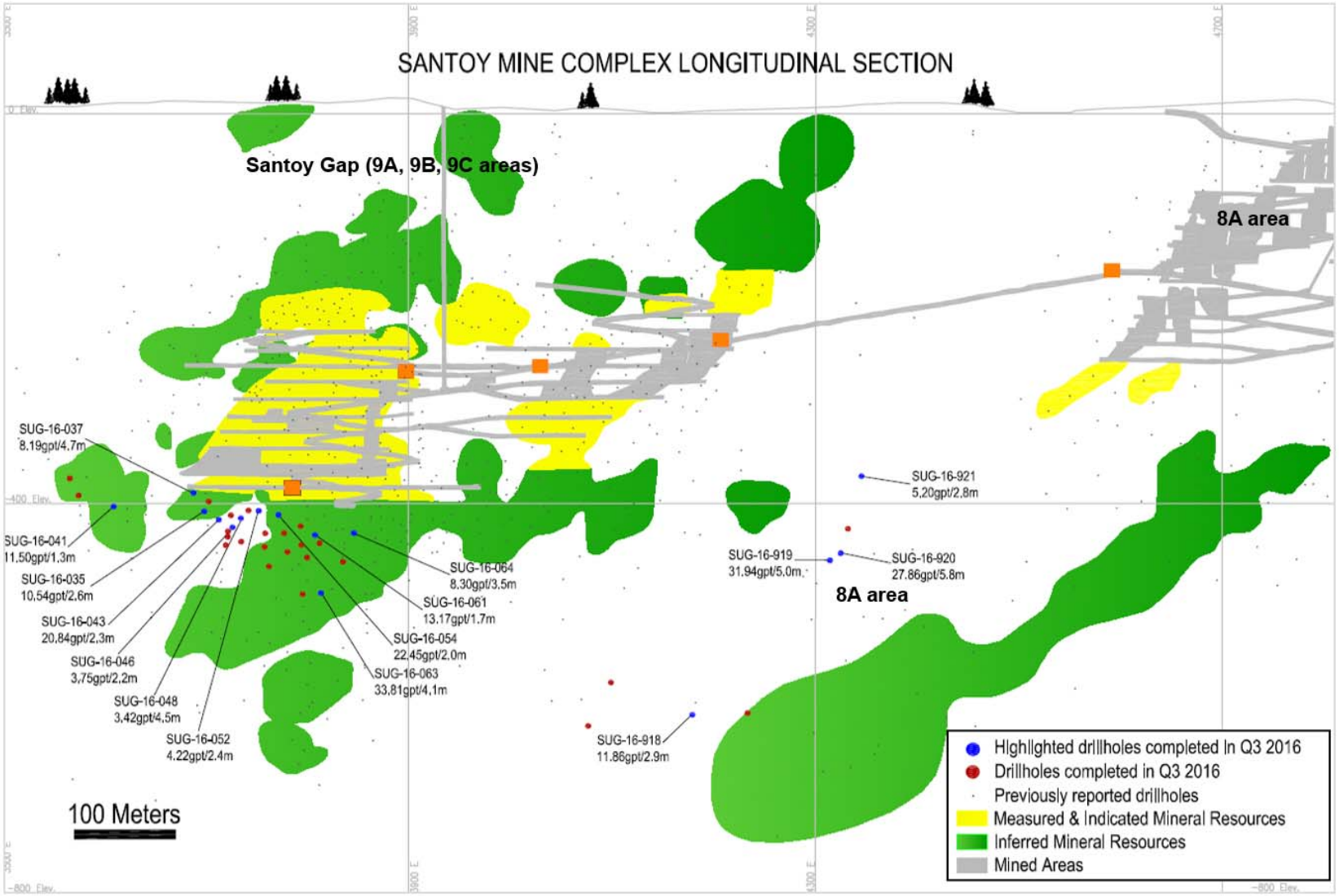

Table 1. Drillhole results from the third quarter of the 2016 exploration drill program at the Marigold mine, Nevada, U.S.

| Hole ID | From (meters) | To (meters) | Width (meters) | Gold Grade (g/ tonne) | Area/Comment |
|---|---|---|---|---|---|
| MRA6282 | 0.0 | 67.1 | 67.1 | 0.14 | HideOut |
| MR6286 | 83.8 | 106.7 | 22.9 | 1.02 | Valmy |
| | 184.4 | 187.5 | 3.0 | 0.23 | |
| | 196.6 | 228.6 | 32.0 | 1.35 | |
| (including) | 196.6 | 205.7 | 9.1 | 2.79 | |
| MR6287 | 99.1 | 199.6 | 100.6 | 0.65 | Valmy |
| (including) | 103.6 | 109.7 | 6.1 | 2.69 | |
| (including) | 158.5 | 167.6 | 9.1 | 2.12 | |
| | 246.9 | 251.5 | 4.6 | 0.19 | |
| | 263.7 | 268.2 | 4.6 | 0.21 | |
| | 281.9 | 286.5 | 4.6 | 0.62 | |
| | 317.0 | 335.3 | 18.3 | 0.14 | |
| MR6288 | 80.8 | 86.9 | 6.1 | 0.38 | Valmy |
| | 214.9 | 228.6 | 13.7 | 0.38 | |
| | 125.0 | 141.7 | 16.8 | 0.35 | |
| | 166.1 | 184.4 | 18.3 | 0.18 | |
| MR6290 | 45.7 | 51.8 | 6.1 | 0.16 | Valmy |
| | 100.6 | 114.3 | 13.7 | 0.27 | |
| | 166.1 | 196.6 | 30.5 | 0.47 | |
| | 21.3 | 30.5 | 9.1 | 0.13 | |
| | 111.3 | 179.8 | 68.6 | 0.34 | |
| (including) | 163.1 | 178.3 | 15.2 | 0.73 | |
| MRA6296 | 0.0 | 68.6 | 68.6 | 0.12 | HideOut |
| | 89.9 | 105.2 | 15.2 | 0.15 | |
| | 80.8 | 96.0 | 15.2 | 0.88 | |
| (including) | 86.9 | 94.5 | 7.6 | 1.44 | |
| | 99.1 | 111.3 | 12.2 | 0.13 | |
| MRA6300 | 0.0 | 45.7 | 45.7 | 1.93 | Mud Pit |
| (including) | 27.4 | 35.1 | 7.6 | 6.68 | |
| | 141.7 | 146.3 | 4.6 | 0.35 | |
| MRA6301 | 44.2 | 100.6 | 56.4 | 0.47 | Mud Pit |
| (including) | 59.4 | 68.6 | 9.1 | 1.64 | |
| MRA6302 | 10.7 | 33.5 | 22.9 | 0.62 | Mud Pit |
| MRA6303 | 0.0 | 76.2 | 76.2 | 0.11 | HideOut |
| | 164.6 | 167.6 | 3.0 | 0.22 | |
| MR6305 | 83.8 | 86.9 | 3.0 | 0.29 | Mud Pit |
| | 143.3 | 149.4 | 6.1 | 0.26 | |
| | 155.4 | 160.0 | 4.6 | 0.21 | |
| MRA6307 | 0.0 | 41.1 | 41.1 | 0.27 | Mud Pit |
| (including) | 19.8 | 24.4 | 4.6 | 1.36 | |

| Hole ID | From (meters) | To (meters) | Width (meters) | Gold Grade (g/ tonne) | Area/Comment |
|---|---|---|---|---|---|
| | 164.6 | 196.6 | 32.0 | 0.20 | |
| | 202.7 | 205.7 | 3.0 | 0.23 | |
| MRA6308 | 0.0 | 80.8 | 80.8 | 0.09 | HideOut |
| | 234.7 | 260.6 | 25.9 | 1.24 | |
| (including) | 245.4 | 251.5 | 6.1 | 3.00 | |
| | 275.8 | 288.0 | 12.2 | 0.12 | |
| MRA6309 | 24.4 | 85.3 | 61.0 | 0.10 | HideOut |
| | 243.8 | 260.6 | 16.8 | 1.25 | |
| MRA6310 | 0.0 | 86.9 | 86.9 | 0.10 | HideOut |
| | 224.0 | 285.0 | 61.0 | 0.35 | |
| (including) | 243.8 | 249.9 | 6.1 | 1.03 | |
| | 300.2 | 306.3 | 6.1 | 0.14 | |
| MRA6311 | 202.7 | 294.1 | 91.4 | 0.47 | HideOut |
| (including) | 228.6 | 253.0 | 24.4 | 1.10 | |
| MR6312 | 0.0 | 93.0 | 93.0 | 0.13 | HideOut |
| | 125.0 | 134.1 | 9.1 | 0.16 | |
| | 21.3 | 33.5 | 12.2 | 0.11 | |
| MRA6314 | 0.0 | 9.1 | 9.1 | 0.31 | Valmy |
| | 185.9 | 196.6 | 10.7 | 0.20 | |
| MRA6315 | 125.0 | 152.4 | 27.4 | 0.32 | Valmy |
| (including) | 125.0 | 134.1 | 9.1 | 0.68 | |
| | 216.4 | 219.5 | 3.0 | 0.23 | |
| | 227.1 | 234.7 | 7.6 | 0.23 | |
| | 260.6 | 265.2 | 4.6 | 0.15 | |
| | 275.8 | 288.0 | 12.2 | 0.11 | |
| MR6317 | 59.4 | 88.4 | 29.0 | 0.37 | Valmy |
| MR6318 | 77.7 | 106.7 | 29.0 | 1.47 | Valmy |
| (including) | 79.2 | 99.1 | 19.8 | 2.06 | |
| | 123.4 | 129.5 | 6.1 | 0.19 | |
| | 166.1 | 172.2 | 6.1 | 0.26 | |
| MRA6319 | 0.0 | 76.2 | 76.2 | 0.09 | HideOut |
| | 187.5 | 199.6 | 12.2 | 0.18 | |
| | 210.3 | 216.4 | 6.1 | 0.16 | |
| MR6321 | 120.4 | 141.7 | 21.3 | 0.16 | Valmy |
| | 161.5 | 190.5 | 29.0 | 0.34 | |
| MR6322 | 71.6 | 73.2 | 1.5 | 0.80 | Valmy |
| | 93.0 | 100.6 | 7.6 | 1.09 | |
| (including) | 93.0 | 94.5 | 1.5 | 5.00 | |
| MRA6324 | 0.0 | 79.2 | 79.2 | 0.11 | HideOut |
| | 195.1 | 245.4 | 50.3 | 1.33 | |
| (including) | 211.8 | 225.6 | 13.7 | 3.65 | |
| MRA6325 | 0.0 | 79.2 | 79.2 | 0.11 | HideOut |
| | 219.5 | 246.9 | 27.4 | 0.44 | |

| Hole ID | From (meters) | To (meters) | Width (meters) | Gold Grade (g/ tonne) | Area/Comment |
|---|---|---|---|---|---|
| MRA6326 | 0.0 | 97.5 | 97.5 | 0.07 | HideOut |
| MRA6327 | 0.0 | 97.5 | 97.5 | 0.10 | HideOut |
| MRA6328 | 0.0 | 91.4 | 91.4 | 0.08 | HideOut |
| | 230.1 | 239.3 | 9.1 | 0.11 | |
| | 257.6 | 286.5 | 29.0 | 0.61 | |
| (including) | 257.6 | 262.1 | 4.6 | 2.28 | |
| MRA6329 | 0.0 | 99.1 | 99.1 | 0.12 | HideOut |
| | 253.0 | 263.7 | 10.7 | 0.25 | |
| MR6330 | 9.1 | 12.2 | 3.0 | 0.29 | Valmy |
| MR6331 | 109.7 | 198.1 | 88.4 | 0.39 | Valmy |
| (including) | 111.3 | 123.4 | 12.2 | 1.54 | |
| | 248.4 | 254.5 | 6.1 | 0.33 | |
| MRA6332 | 0.0 | 96.0 | 96.0 | 0.07 | HideOut |
| MR6334 | 86.9 | 91.4 | 4.6 | 0.64 | Valmy |
| | 99.1 | 114.3 | 15.2 | 0.39 | |
| | 213.4 | 227.1 | 13.7 | 0.38 | |
| MR6337 | 29.0 | 33.5 | 4.6 | 0.55 | Valmy |
| | 228.6 | 233.2 | 4.6 | 0.14 | |
| MR6338 | 44.2 | 50.3 | 6.1 | 0.15 | Valmy |
| | 86.9 | 94.5 | 7.6 | 0.39 | |
| | 123.4 | 208.8 | 85.3 | 0.70 | |
| (including) | 128.0 | 138.7 | 10.7 | 1.61 | |
| (including) | 149.4 | 158.5 | 9.1 | 1.26 | |
| (including) | 175.3 | 182.9 | 7.6 | 1.60 | |
| (including) | 190.5 | 196.6 | 6.1 | 1.12 | |
| | 288.0 | 294.1 | 6.1 | 0.22 | |
| MR6339 | 85.3 | 120.4 | 35.1 | 0.73 | Valmy |
| (including) | 88.4 | 93.0 | 4.6 | 4.13 | |
| | 167.6 | 196.6 | 29.0 | 0.13 | |
| | 242.3 | 263.7 | 21.3 | 0.29 | |
| MR6340 | 0.0 | 64.0 | 64.0 | 0.11 | HideOut |
| | 125.0 | 135.6 | 10.7 | 0.21 | |
| | 161.5 | 166.1 | 4.6 | 0.17 | |
| MRA6341 | 0.0 | 77.7 | 77.7 | 0.11 | HideOut |
| | 166.1 | 170.7 | 4.6 | 0.27 | |
| | 199.6 | 217.9 | 18.3 | 3.25 | |
| (including) | 199.6 | 207.3 | 7.6 | 7.13 | |
| MRA6342 | 0.0 | 68.6 | 68.6 | 0.08 | HideOut |
| | 163.1 | 173.7 | 10.7 | 0.25 | |
| | 225.6 | 234.7 | 9.1 | 022 | |

Notes: Width in meters represents downhole intersected length, which may or may not be a true thickness of the mineralization. NSV means “no significant values”.

Table 2. Drillhole collars from the third quarter of the 2016 exploration drill program at the Marigold mine, Nevada, U.S.

| Hole ID | UTM-N (Nad27 Zone11) | UTM-E (Nad27 Zone11) | Elevation (masl) | Azimuth (deg.) | Dip (deg.) | Length (meters) | Area |
|---|---|---|---|---|---|---|---|
| MRA6282 | 4509008 | 485831 | 1604 | 92 | -75 | 299 | HideOut |
| MR6286 | 4504439 | 486976 | 1892 | 131 | -90 | 276 | Valmy |
| MR6287 | 4504443 | 487078 | 1885 | 89 | -90 | 335 | Valmy |
| MR6288 | 4504433 | 486912 | 1910 | 219 | -90 | 230 | Valmy |
| MR6289 | 4504408 | 486992 | 1896 | 120 | -90 | 184 | Valmy |
| MR6290 | 4504409 | 487074 | 1897 | 61 | -89 | 215 | Valmy |
| MR6291 | 4504374 | 487035 | 1908 | 189 | -89 | 215 | Valmy |
| MRA6296 | 4508809 | 485908 | 1586 | 344 | -80 | 215 | HideOut |
| MRA6299 | 4506389 | 486866 | 1640 | 268 | -66 | 136 | Mud Pit |
| MRA6300 | 4506419 | 486780 | 1639 | 268 | -56 | 191 | Mud Pit |
| MRA6301 | 4506419 | 486846 | 1639 | 269 | -54 | 178 | Mud Pit |
| MRA6302 | 4506449 | 486774 | 1639 | 269 | -64 | 184 | Mud Pit |
| MRA6303 | 4508980 | 485832 | 1604 | 88 | -75 | 300 | HideOut |
| MR6304 | 4506440 | 486863 | 1639 | 356 | -89 | 108 | Mud Pit |
| MR6305 | 4506482 | 486838 | 1639 | 325 | -89 | 105 | Mud Pit |
| MRA6306 | 4506274 | 486364 | 1688 | 91 | -51 | 258 | Mud Pit |
| MRA6307 | 4506449 | 486311 | 1606 | 87 | -50 | 215 | Mud Pit |
| MRA6308 | 4509101 | 485738 | 1599 | 85 | -80 | 306 | HideOut |
| MRA6309 | 4509208 | 485813 | 1609 | 87 | -79 | 276 | HideOut |
| MRA6310 | 4509132 | 485754 | 1603 | 93 | -79 | 306 | HideOut |
| MRA6311 | 4509163 | 485775 | 1606 | 93 | -80 | 306 | HideOut |
| MR6312 | 4508827 | 486016 | 1596 | 297 | -89 | 184 | HideOut |
| MR6313 | 4504931 | 486988 | 1822 | 49 | -90 | 230 | Valmy |
| MRA6314 | 4505169 | 487555 | 1780 | 266 | -47 | 276 | Valmy |
| MRA6315 | 4505114 | 487575 | 1794 | 269 | -55 | 383 | Valmy |
| MR6316 | 4504960 | 487153 | 1828 | 275 | -90 | 306 | Valmy |
| MR6317 | 4505046 | 487241 | 1816 | 307 | -90 | 337 | Valmy |
| MR6318 | 4504528 | 487100 | 1859 | 40 | -89 | 337 | Valmy |
| MRA6319 | 4508944 | 485697 | 1592 | 79 | -81 | 261 | HideOut |
| MR6321 | 4504381 | 487078 | 1909 | 167 | -90 | 291 | Valmy |
| MR6322 | 4504990 | 487232 | 1827 | 287 | -89 | 337 | Valmy |
| MR6323 | 4504914 | 487098 | 1850 | 116 | -89 | 306 | Valmy |
| MRA6324 | 4509040 | 485738 | 1591 | 92 | -65 | 306 | HideOut |
| MRA6325 | 4509071 | 485766 | 1592 | 88 | -75 | 319 | HideOut |
| MRA6326 | 4509254 | 485835 | 1609 | 87 | -81 | 306 | HideOut |
| MRA6327 | 4509281 | 485814 | 1611 | 112 | -79 | 306 | HideOut |
| MRA6328 | 4509209 | 485782 | 1609 | 90 | -80 | 294 | HideOut |
| MRA6329 | 4509315 | 485871 | 1609 | 92 | -81 | 306 | HideOut |
| MR6330 | 4505189 | 486679 | 1827 | 63 | -89 | 209 | Valmy |

| Hole ID | UTM-N (Nad27 Zone11) | UTM-E (Nad27 Zone11) | Elevation (masl) | Azimuth (deg.) | Dip (deg.) | Length (meters) | Area |
|---|---|---|---|---|---|---|---|
| MR6331 | 4504441 | 487104 | 1886 | 275 | -89 | 306 | Valmy |
| MRA6332 | 4509234 | 485820 | 1610 | 90 | -81 | 291 | HideOut |
| MR6333 | 4505289 | 486716 | 1828 | 111 | -89 | 276 | Valmy |
| MR6334 | 4504441 | 486940 | 1903 | 164 | -90 | 337 | Valmy |
| MR6335 | 4504346 | 487056 | 1922 | 211 | -89 | 276 | Valmy |
| MR6337 | 4504501 | 486881 | 1901 | 327 | -90 | 245 | Valmy |
| MR6338 | 4504413 | 487108 | 1897 | 354 | -90 | 306 | Valmy |
| MR6339 | 4504437 | 487020 | 1885 | 83 | -90 | 410 | Valmy |
| MR6340 | 4508847 | 485708 | 1591 | 140 | -89 | 276 | HideOut |
| MRA6341 | 4508847 | 485708 | 1591 | 79 | -82 | 276 | HideOut |
| MRA6342 | 4508847 | 485708 | 1591 | 79 | -71 | 276 | HideOut |

Notes: This table reports all the drillholes completed during the third quarter of 2016. The numerical gaps in the drillhole sequence result from drillholes reported previously or drillholes expected to be drilled in the fourth quarter of 2016.

Table 3. Drillhole results from the third quarter 2016 exploration drill program at the Seabee Gold Operation, Saskatchewan, Canada.

| Hole ID | From (meters) | To (meters) | Mine E (midpoint) | Mine N (midpoint) | Elevation (midpoint) | Gold (g/t)* | True Width (meters) | Zone |
|---|---|---|---|---|---|---|---|---|
| JOY-16-722 | 838.5 | 842.2 | 3660.9 | 5554.8 | -819.2 | 2.69 | 2.7 | GHW |
| JOY-16-723 | 632.6 | 636.3 | 4233.3 | 5286.0 | -614.5 | 1.92 | 3.3 | 8a |
| SUG-16-035 | 134.8 | 138.7 | 3699.6 | 4974.8 | -410.4 | 10.54 | 2.6 | 9C |
| SUG-16-036 | 119.6 | 124.3 | 3724.3 | 4987.5 | -431.6 | 0.14 | 3.9 | 9C |
| SUG-16-036 | 134.5 | 136.0 | 3717.9 | 4977.3 | -437.1 | 0.49 | 1.3 | 9A |
| SUG-16-037 | 150.1 | 157.5 | 3689.8 | 4960.7 | -390.0 | 8.19 | 4.7 | 9C |
| SUG-16-037 | 165.0 | 171.1 | 3680.9 | 4949.7 | -391.2 | 7.95 | 3.8 | 9B |
| SUG-16-037 | 173.6 | 180.1 | 3675.2 | 4943.1 | -392.0 | 0.44 | 4.0 | 9A |
| SUG-16-038 | 118.0 | 126.4 | 3720.3 | 4993.4 | -442.7 | 0.46 | 6.9 | 9C |
| SUG-16-038 | 130.0 | 131.4 | 3715.9 | 4987.4 | -446.7 | 8.8 | 1.2 | 9B |
| SUG-16-039 | 247.0 | 250.9 | 3575.6 | 4937.1 | -391.4 | 0.32 | 1.7 | 9C |
| SUG-16-040 | 260.4 | 263.2 | 3567.1 | 4926.9 | -374.5 | 0.06 | 1.1 | 9C |
| SUG-16-041 | 207.9 | 210.6 | 3610.2 | 4958.3 | -402.7 | 11.5 | 1.3 | 9C |
| SUG-16-042 | 139.5 | 143.6 | 3703.4 | 4964.3 | -397.7 | 0.58 | 2.8 | 9C |
| SUG-16-043 | 126.4 | 129.4 | 3713.9 | 4978.2 | -416.8 | 20.84 | 2.3 | 9C |
| SUG-16-043 | 137.1 | 138.0 | 3708.8 | 4970.5 | -419.4 | 0.73 | 0.7 | 9B |
| SUG-16-044 | 118.4 | 124.7 | 3722.5 | 4988.0 | -433.9 | 0.55 | 5.2 | 9C |
| SUG-16-045 | 124.2 | 126.4 | 3727.2 | 4974.1 | -410.8 | 2.76 | 1.8 | 9C |
| SUG-16-045 | 131.0 | 134.4 | 3723.7 | 4967.8 | -412.6 | 2.02 | 2.7 | 9B |
| SUG-16-046 | 117.3 | 120.0 | 3729.5 | 4985.4 | -424.1 | 3.75 | 2.2 | 9C |
| SUG-16-046 | 133.6 | 134.5 | 3722.4 | 4972.9 | -429.6 | 0.23 | 0.8 | 9B |

| Hole ID | From (meters) | To (meters) | Mine E (midpoint) | Mine N (midpoint) | Elevation (midpoint) | Gold (g/t)* | True Width (meters) | Zone |
|---|---|---|---|---|---|---|---|---|
| SUG-16-047 | 109.3 | 117.3 | 3737.1 | 4995.6 | -438.4 | 0.36 | 7.0 | 9C |
| SUG-16-048 | 117.4 | 122.9 | 3736.7 | 4976.5 | -414.6 | 3.42 | 4.5 | 9C |
| SUG-16-048 | 129.0 | 135.0 | 3731.6 | 4966.3 | -417.8 | 0.97 | 5.0 | 9B |
| SUG-16-049 | 119.9 | 121.5 | 3743.3 | 4971.0 | -406.0 | 1.02 | 1.3 | 9C |
| SUG-16-049 | 126.0 | 129.0 | 3740.9 | 4964.8 | -407.5 | 3.43 | 2.5 | 9B |
| SUG-16-050 | 108.0 | 113.2 | 3759.0 | 4993.5 | -443.4 | 0.8 | 4.9 | 9C |
| SUG-16-051 | 108.0 | 110.8 | 3763.5 | 5011.5 | -463.0 | 0.42 | 2.7 | 9C |
| SUG-16-052 | 116.7 | 119.5 | 3752.7 | 4970.5 | -407.6 | 4.22 | 2.4 | 9C |
| SUG-16-052 | 123.0 | 126.0 | 3750.8 | 4964.6 | -409.1 | 4.42 | 2.6 | 9B |
| SUG-16-052 | 132.4 | 136.1 | 3748.1 | 4955.5 | -411.3 | 0.01 | 3.2 | 9A |
| SUG-16-053 | 108.9 | 112.5 | 3758.9 | 4984.6 | -430.2 | 0.52 | 3.4 | 9C |
| SUG-16-053 | 130.4 | 132.2 | 3754.1 | 4966.5 | -438.9 | 3.56 | 1.7 | 9A |
| SUG-16-054 | 112.7 | 114.9 | 3772.2 | 4972.4 | -411.4 | 22.45 | 2.0 | 9C |
| SUG-16-054 | 117.2 | 119.7 | 3771.5 | 4968.0 | -412.7 | 0.94 | 2.3 | 9B |
| SUG-16-055 | 106.3 | 109.4 | 3777.1 | 4985.2 | -430.6 | 1.46 | 3.0 | 9C |
| SUG-16-055 | 130.6 | 132.0 | 3774.6 | 4964.4 | -441.0 | 2.23 | 1.4 | 9A |
| SUG-16-056 | 103.4 | 105.6 | 3780.9 | 5000.8 | -449.6 | 0.11 | 2.2 | 9C |
| SUG-16-056 | 115.5 | 117.5 | 3780.2 | 4991.5 | -457.1 | 2.85 | 2.0 | 9A |
| SUG-16-057 | 107.6 | 111.7 | 3794.0 | 4979.9 | -422.6 | 2.85 | 3.9 | 9C |
| SUG-16-058 | 103.2 | 106.0 | 3794.4 | 4996.0 | -442.2 | 1.51 | 2.8 | 9C |
| SUG-16-059 | 102.6 | 105.2 | 3800.2 | 5008.6 | -455.3 | 2.75 | 2.6 | 9C |
| SUG-16-059 | 110.3 | 113.7 | 3801.0 | 5002.7 | -460.8 | 0.31 | 3.4 | 9B |
| SUG-16-060 | 118.5 | 119.1 | 3795.5 | 5037.4 | -493.2 | 3.43 | 0.5 | 9C |
| SUG-16-060 | 132.2 | 134.8 | 3796.7 | 5031.2 | -506.4 | 0.58 | 2.3 | 9B |
| SUG-16-061 | 105.0 | 107.2 | 3807.0 | 4988.8 | -428.9 | 5.59 | 2.2 | 9C |
| SUG-16-061 | 113.1 | 114.8 | 3808.0 | 4981.8 | -432.3 | 13.17 | 1.7 | 9B |
| SUG-16-062 | 102.7 | 104.2 | 3812.0 | 5001.4 | -440.9 | 0.14 | 1.5 | 9C |
| SUG-16-062 | 112.5 | 113.5 | 3813.8 | 4993.7 | -446.3 | 0.53 | 1.0 | 9B |
| SUG-16-063 | 121.4 | 125.9 | 3813.4 | 5031.5 | -491.2 | 33.81 | 4.1 | 9C |
| SUG-16-063 | 130.3 | 131.8 | 3814.9 | 5028.1 | -497.5 | 3.62 | 1.4 | 9B |
| SUG-16-064 | 125.5 | 129.4 | 3846.4 | 4981.1 | -429.8 | 8.3 | 3.5 | 9C |
| SUG-16-064 | 135.0 | 135.8 | 3849.8 | 4985.7 | -432.9 | 5.13 | 0.7 | 9A |
| SUG-16-065 | 118.3 | 120.3 | 3835.5 | 5006.9 | -459.7 | 1.5 | 1.9 | 9C |
| SUG-16-915 | 327.1 | 334.6 | 4332.3 | 5118.7 | -425.6 | 0.12 | 4.7 | 8a |
| SUG-16-916 | 592.0 | 606.0 | 4099.2 | 5194.3 | -583.5 | 0.02 | 4.7 | 8a |
| SUG-16-917 | 649.0 | 653.4 | 4076.7 | 5240.7 | -628.7 | 0.01 | 1.3 | 8a |
| SUG-16-918 | 573.5 | 581.5 | 4179.5 | 5257.8 | -616.5 | 11.86 | 2.9 | 8a |
| SUG-16-919 | 356.6 | 365.6 | 4315.6 | 5151.0 | -455.9 | 31.94 | 5.0 | 8a |
| SUG-16-920 | 351.3 | 360.8 | 4323.9 | 5145.3 | -452.6 | 27.86 | 5.8 | 8a |
| SUG-16-921 | 296.4 | 300.2 | 4346.3 | 5060.7 | -371.6 | 5.2 | 2.8 | 8a |

* Gold values cut to 75 g/t. Intersection midpoints determined where mineralized structure intersected or projected.

**Sampling and Analytical Procedures**

All drill samples in respect of the Marigold mine drilling program were sent for processing and analysis to the offices of American Assay Laboratories, Inc. ("AAL") in Sparks, Nevada which is an ISO 17025 accredited laboratory independent from Silver Standard. Fire assay was completed on a 30-gram sample (AAL method code FA-PB30-ICP) with an Inductively Coupled Plasma ("ICP") finish after a two acid digestion. Samples with assay results greater than 10 g/t were fire assayed on a 30-gram sample (AAL method code Grav Au30) with a gravimetric finish. We employ a rigorous Quality Assurance/Quality Control ("QA/QC") program, which includes real-time assay quality monitoring through the regular insertion of blanks, duplicates, and certified reference material, as well as reviewing laboratory-provided QA/QC data.

All drill samples in respect of the Seabee Gold Operation drilling program were assayed by our onsite non-accredited assay laboratory, which is not independent from Silver Standard. Duplicate check assays were conducted at site as well as at TSL Laboratories in Saskatoon, which is independent from Silver Standard. Results of the spot checks were consistent with those reported. Sampling interval was established by minimum or maximum sampling lengths and geological and/or structural criteria. Two hundred gram samples were pulverized until greater than 80 percent passes through 150 mesh screen. Thirty-gram pulp samples were then analyzed for gold by fire assay with gravimetric finish (0.01 grams per tonne detection limit).

**Qualified Persons**

The scientific and technical data contained in this news release relating to the Marigold mine has been reviewed and approved by James N. Carver, SME Registered Member and a Qualified Person under National Instrument 43-101 — *Standards of Disclosure for Mineral Projects* ("NI 43-101"). Mr. Carver is our Chief Geologist at the Marigold mine. The scientific and technical data contained in this news release relating to the Seabee Gold Operation has been reviewed and approved by F. Carl Edmunds, P. Geo., a Qualified Person under NI 43-101. Mr. Edmunds is our Chief Geologist, Exploration.

**About Silver Standard**

Silver Standard is a Canadian-based precious metals producer with three wholly-owned and operated mines, including the Marigold gold mine in Nevada, U.S., the Seabee Gold Operation in Saskatchewan, Canada and the Pirquitas silver mine in Jujuy Province, Argentina. We also have two feasibility stage projects and an extensive portfolio of exploration properties throughout North and South America. We are committed to delivering safe production through relentless emphasis on Operational Excellence. We are also focused on growing production and Mineral Reserves through the exploration and acquisition of assets for accretive growth, while maintaining financial strength.

SOURCE: Silver Standard Resources Inc.

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***Cautionary Note Regarding Forward-Looking Statements:***

*This news release contains forward-looking information within the meaning of Canadian securities laws and forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking statements") concerning the anticipated developments in our operations in future periods, and other events or conditions that may occur or exist in the future. All statements, other than statements of historical fact, are forward-looking statements.*

*Generally, forward-looking statements can be identified by the use of words or phrases such as "expects," "anticipates," "plans," "projects," "estimates," "assumes," "intends," "strategy," "goals," "objectives," "potential," or variations thereof, or stating that certain actions, events or results "may," "could," "would," "might" or "will" be taken, occur or be achieved, or the negative of any of these terms or similar expressions. The forward-looking statements in this news release relate to, among other things: our ability to add Mineral Resources and Mineral Reserves at the Marigold mine and the Seabee Gold Operation; future production of gold, silver and other metals; estimated production rates for gold, silver and other metals produced by us; ongoing or future development plans and capital replacement, improvement or remediation programs; and our plans and expectations for our properties and operations.*

*These forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those expressed or implied, including, without limitation, the following: uncertainty of production, development plans and cost estimates for the Marigold mine and the Seabee Gold Operation; our ability to replace Mineral Reserves; our ability to complete and successfully integrate an announced acquisition; commodity price fluctuations; political or economic instability and unexpected regulatory changes; currency fluctuations; the possibility of future losses; general economic conditions; counterparty and market risks related to the sale of our concentrate and metals; uncertainty in the accuracy of Mineral Reserves and Mineral Resources estimates and in our ability to extract mineralization profitably; differences in U.S. and Canadian practices for reporting Mineral Reserves and Mineral Resources; lack of suitable infrastructure or damage to existing infrastructure; future development risks, including start-up delays and cost overruns; our ability to obtain adequate financing for further exploration and development programs and opportunities; uncertainty in acquiring additional commercially mineable mineral rights; delays in obtaining or failure to obtain governmental permits, or non-compliance with our permits; our ability to attract and retain qualified personnel and management; potential labour unrest; the impact of governmental regulations, including health, safety and environmental regulations, including increased costs and restrictions on operations due to compliance with such regulations; reclamation and closure requirements for our mineral properties; failure to effectively manage our tailings facilities; social and economic changes following closure of a mine; unpredictable risks and hazards related to the development and operation of a mine or mineral property that are beyond our control; indigenous peoples' title claims and rights to consultation and accommodation may affect our existing operations as well as development projects and future acquisitions; assessments by taxation authorities in multiple jurisdictions; claims and legal proceedings, including adverse rulings in litigation against us and/or our directors or officers; compliance with anti-corruption laws and internal controls, and increased regulatory compliance costs; complying with emerging climate change regulations and the impact of climate change, including extreme weather conditions; uncertainties related to title to our mineral properties and the ability to obtain surface rights; the sufficiency of our insurance coverage; civil disobedience in the countries where our mineral properties are located; operational safety and security risks; actions required to be taken by us under human*

*rights law; competition in the mining industry for mineral properties; shortage or poor quality of equipment or supplies; an event of default under our convertible notes may significantly reduce our liquidity and adversely affect our business; failure to meet covenants under our senior secured revolving credit facility; conflicts of interest that could arise from certain of our directors' involvement with other natural resource companies; information systems security threats; and those other various risks and uncertainties identified under the heading "Risk Factors" in our most recent Annual Information Form filed with the Canadian securities regulatory authorities and included in our most recent Annual Report on Form 40-F filed with the U.S. Securities and Exchange Commission ("SEC").*

*This list is not exhaustive of the factors that may affect any of our forward-looking statements. Our forward-looking statements are based on what our management currently considers to be reasonable assumptions, beliefs, expectations and opinions based on the information currently available to it. Assumptions have been made regarding, among other things, our ability to carry on our exploration and development activities, our ability to meet our obligations under our property agreements, the timing and results of drilling programs, the discovery of Mineral Resources and Mineral Reserves on our mineral properties, the timely receipt of required approvals and permits, including those approvals and permits required for successful project permitting, construction and operation of our projects, the price of the minerals we produce, the costs of operating and exploration expenditures, our ability to operate in a safe, efficient and effective manner, our ability to obtain financing as and when required and on reasonable terms and our ability to continue operating the Marigold mine and the Seabee Gold Operation. You are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. We cannot assure you that actual events, performance or results will be consistent with these forward-looking statements, and management's assumptions may prove to be incorrect. Our forward-looking statements reflect current expectations regarding future events and operating performance and speak only as of the date hereof and we do not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. For the reasons set forth above, you should not place undue reliance on forward-looking statements.*

***Cautionary Note to U.S. Investors***

*This news release includes Mineral Reserves and Mineral Resources classification terms that comply with reporting standards in Canada and the Mineral Reserves and the Mineral Resources estimates are made in accordance with NI 43-101. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. These standards differ significantly from the requirements of the SEC set out in SEC Industry Guide 7. Consequently, Mineral Reserves and Mineral Resources information included in this news release is not comparable to similar information that would generally be disclosed by domestic U.S. reporting companies subject to the reporting and disclosure requirements of the SEC. Under SEC standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically produced or extracted at the time the reserve determination is made. In addition, the SEC's disclosure standards normally do not permit the inclusion of information concerning "Measured Mineral Resources," "Indicated Mineral Resources" or "Inferred Mineral Resources" or other descriptions of the amount of mineralization in mineral deposits that do not constitute "reserves" by U.S. standards in documents filed with the SEC. U.S. investors should understand that "Inferred Mineral Resources" have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. Moreover, the requirements of NI 43-101 for identification of "reserves" are also not the same as those of the SEC, and reserves reported by us in compliance with NI 43-101 may not qualify as "reserves" under SEC standards. Accordingly, information concerning mineral deposits set forth herein may not be comparable with information made public by companies that report in accordance with U.S. standards.*