

**ASX ANNOUNCEMENT
15 JUNE 2010**

New Significant High Grade Gold Intersections at Sihayo

Highlights

- New assay results from infill drilling show some of the highest gold grades discovered to date near the southeast (“SE”) margin of the infill resource area at Sihayo 1 North.
- New results from the SE area of the drill out included:
 - **SHDD 332 – 19m at 13.4g/t Au from 152m**
including 1m at 36.0g/t Au from 167m
and 5m at 20.0g/t Au from 161m
- The results continue to confirm the potential to extend the high grade portion of the resource down plunge to the SE beyond the limits of the current program.
- New significant results from northeast (“NE”) area of the drill out included:
 - SHDD 328 – 13m at 3.3g/t Au from 67m
 - SHDD 334 – 11m at 3.5g/t Au from 3m
 - SHDD 337 – 3m at 3.2g/t Au from 69m
and 11m at 6.7g/t Au from 100m
 - SHDD 338 – 11m at 5.0g/t Au from 23m
and 19.3m at 2.4g/t Au from 34m
 - SHDD 342 – 17m at 3.1g/t Au from 95m
- Sterilisation hole intersects mineralisation 280m SE of hole SHDD 332
 - SHDD 327 – 5m at 1.8g/t Au from 177m
and 2m at 1.3g/t Au from 188m
and 3m at 1.0g/t Au from 214m
and 2m at 1.3g/t Au from 230m

The Board of **Sihayo Gold Limited (ASX: SIH)** is pleased to announce that infill drilling of the Sihayo 1 North and Old Camp resource has continued to intersect significant widths of high grade gold within its 75% owned Sihayo Pungkut project in North Sumatra, Indonesia.

New results have been received for approximately 10 holes and these continue to show excellent continuity of gold mineralisation within the resource area.

The new results received from hole **SHDD 332** continue to extend the high grade portion of the resource to the southeast and significantly increase the potential for this high grade zone to continue down plunge beyond the extent of the current infill drill program (Figure 1). The hole intersected a wide zone of jasperoid hosted mineralisation, which returned **19m at 13.4g/t Au** from a depth of 152m (Figure 2).

Holes **SHDD 341** and **342** also returned significant intersects over **14m @ 1.8 g/t Au** and **17m @ 3.1 g/t Au** intervals respectively and drilling is continuing to extend mineralisation in this area.

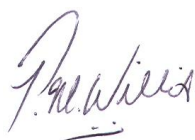
A further four holes, **SHDD 328, 334, 337** and **338**, on the northeastern side of the resource (Figure 1) intersected significant widths and grades of gold mineralization. Results of these holes included **13m at 3.3g/t, 11m at 3.5g/t, 11m at 6.2g/t, 11m at 5.0g/t and 19.3m at 2.4g/t** gold. Based on the recent drilling there is excellent potential to define further mineralization between Sihayo1 North and Old Camp and further along strike to the southeast and northwest. Table 1 lists all new results over 1g/t Au.

Assay results from a further 40 holes completed as part of the infill drilling program are expected over the next two weeks. Following receipt of the remaining assay results the Company will complete an upgraded JORC resource estimate.

Sterilisation hole **SHDD 327**, intersected mineralisation from a depth of 177m, including **5m at 1.8g/t** gold. The hole was drilled 280m southeast of the high grade infill hole **SHDD 332** and further supports the potential that mineralisation extends to the southeast.

Exploration drilling over the coming months will test all the potential extensions identified during the infill resource drilling program, in addition to testing numerous other targets identified over an area of more than 7 km along strike from the known resource.

Yours faithfully,
SIHAYO GOLD LIMITED



Paul Willis
Chief Executive Officer
15 June 2010

Note 1: *It is advised that in accordance with the Australian Stock Exchange Limited Listing Rule 5.6, the information in this report that relates to Exploration Results is based on information compiled by both Mr Tony Martin and Mr Dean Pluckhahn, who are Members of the Australasian Institute of Mining and Metallurgy. Mr Martin, a consulting geologist, is the principal of TRM Consulting Pty Ltd and Mr. Pluckhahn is a full time employee of Sihayo Gold Ltd's 75% owned subsidiary company P.T. Sorikmas Mining ("Sorikmas"). Mr Martin and Mr Pluckhahn have sufficient experience which is relevant to the style of mineralisation and type of deposit which is under consideration and to the activity which Sihayo Gold is undertaking to qualify as "Competent Persons" as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Martin and Mr Pluckhahn both consent to the inclusion in this report of the matters based on information in the form and context in which it appears.*

Note 2: *All statements in this report, other than statements of historical facts that address future timings, activities, events and developments that the Company expects, are forward looking statements. Although Sihayo Gold Ltd, its subsidiaries, officers and consultants believe the expectations expressed in such forward looking statements are based on reasonable expectations, investors are cautioned that such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward looking statements. Factors that could cause actual results to differ materially from forward looking statements include, amongst other things commodity prices, continued availability of capital and financing, timing and receipt of environmental and other regulatory approvals, and general economic, market or business conditions.*

About Sihayo Gold Limited

Sihayo Gold Limited is an ASX listed exploration company (ASX code – SIH).

The Company's vision is to build a world-class, Indonesian based, mid-tier gold company. The company's immediate focus is the development of a 1Moz gold resource at its 75% owned Sihayo Pungkut Project in North Sumatra, Indonesia.

Recent significant changes to its Board and Executive Management team better reflect the vision and immediate focus of the company.

The Sihayo Pungkut Project currently has an Inferred JORC compliant resource estimate of **13.2 Mt at 2.4g/t Au** containing **1.01 Moz of gold**, which extends from surface to a drilled depth of 150m. Potential extensions to the resource remain in the most part untested and there remains excellent potential to significantly expand the resource base.

The Company has put together a highly experienced project team, which commenced work on a Definitive Feasibility Study "DFS" in late 2009. There are currently seven drilling rigs on site working towards upgrading the confidence in the resource estimate from Inferred status to Indicated by early July 2010. In addition, metallurgical, geotechnical, engineering, infrastructure and environmental studies are well underway with the aim of completing the DFS by the end of 2010.

Outside the known resource area of the Sihayo Pungkut Project, the company has previously identified over 10 prospects across the Contract of Work ("COW") area with the potential to host substantial mineralisation; including, jasperoid (similar to known resource), epithermal and greisen style gold targets and porphyry style copper / gold targets.

Figure 1: Plan view Sihayo 1 North resource

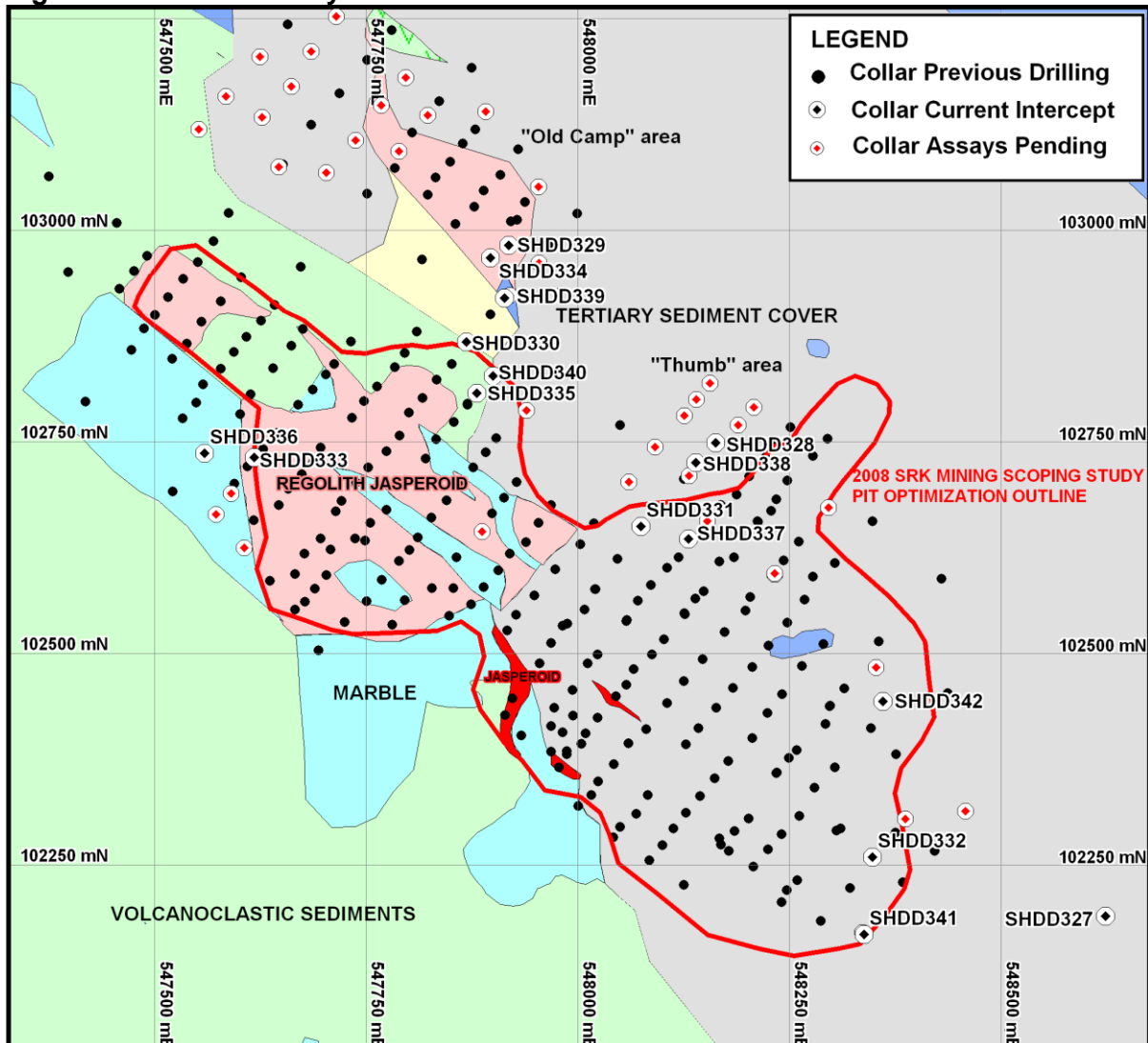


Figure 2: Cross Section showing high grade intersection at SE end of resource infill drilling.

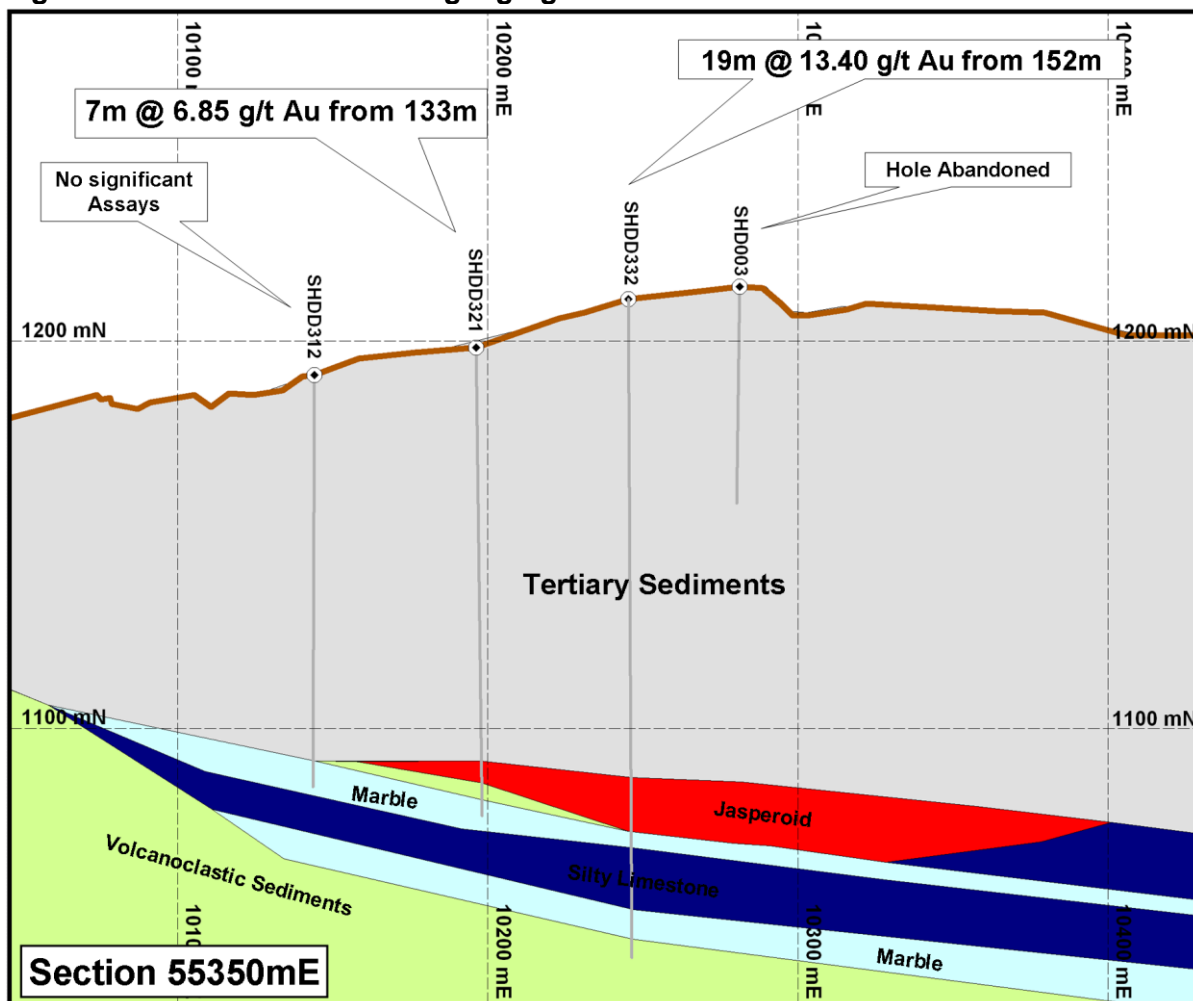


Table 1: Significant Drillhole Intercepts

| HOLE ID | EAST | NORTH | AZI | DIP | FROM | TO | INTERVAL | Au g/t |
|---------|--------|--------|-----|-----|------|-------|----------|--------|
| SHDD327 | 548624 | 102190 | 40 | -90 | 177 | 182 | 5 | 1.8 |
| | | | | | 188 | 190 | 2 | 1.3 |
| | | | | | 214 | 217 | 3 | 1 |
| | | | | | 230 | 232 | 2 | 1.3 |
| SHDD328 | 548163 | 102748 | 40 | -90 | 61 | 63 | 2 | 1.1 |
| | | | | | 66 | 80 | 14 | 3.1 |
| | | | | | 108 | 109 | 1 | 0.6 |
| SHDD329 | 547918 | 102982 | 0 | -90 | 19 | 23 | 4 | 0.8 |
| SHDD330 | 547868 | 102868 | 40 | -90 | 55.7 | 67 | 11.3 | 1.1 |
| | | | | | 77 | 78 | 1 | 0.6 |
| SHDD331 | 548075 | 102650 | 0 | -90 | 118 | 119 | 1 | 0.8 |
| SHDD332 | 548348 | 102259 | 0 | -90 | 152 | 171 | 19 | 13.4 |
| SHDD333 | 547618 | 102731 | 40 | -70 | 0 | 5 | 5 | 0.9 |
| SHDD334 | 547897 | 102967 | 0 | -90 | 3 | 15 | 12 | 3.3 |
| SHDD335 | 547881 | 102807 | 40 | -90 | 2 | 5 | 3 | 2.7 |
| | | | | | 9 | 10 | 1 | 1.8 |
| | | | | | 30 | 33 | 3 | 0.8 |
| | | | | | 81 | 83 | 2 | 1.3 |
| SHDD336 | 547559 | 102736 | 40 | -90 | 2 | 5 | 3 | 1.1 |
| | | | | | 10 | 13 | 3 | 1.2 |
| | | | | | 18 | 21 | 3 | 0.4 |
| SHDD337 | 548131 | 102635 | 40 | -90 | 69 | 73 | 4 | 2.5 |
| | | | | | 100 | 111 | 11 | 6.7 |
| SHDD338 | 548140 | 102725 | 40 | -90 | 23 | 36.5 | 13.5 | 4.2 |
| | | | | | 37.3 | 56.5 | 19.3 | 2.4 |
| SHDD340 | 547900 | 102827 | 40 | -90 | 29 | 32 | 3 | 4.2 |
| | | | | | 106 | 107 | 1 | 0.6 |
| SHDD341 | 548338 | 102168 | 40 | -90 | 226 | 232.1 | 6.1 | 0.7 |
| | | | | | 237 | 251 | 14 | 1.8 |
| SHDD342 | 548360 | 102443 | 0 | -90 | 95 | 111.8 | 16.8 | 3.1 |

Notes

1. All assays determined by 50gm fire assay with AAS finish by Intertek- Caleb Brett Laboratories of Jakarta
2. Lower cut of 1.0ppm Au used
3. A maximum of 2m of consecutive internal waste (material less than 1.0ppm Au) per reported intersection
4. All interval grades were calculated as a weighted average
5. All intervals reported as down hole lengths
6. Sampling regime as quarter core for PQ and half core for NQ and HQ diameter core
7. Quality Assurance and Quality Control (QAQC)
8. Coordinates in UTM grid system