

NEWS RELEASE

July 8, 2024

SXG Drills 1.4 m @ 20.0 g/t AuEq Extends Mineralisation 200 m at Apollo East Drills 11.5 m @ 6.0 g/t AuEq to Infill 260 m gap in Apollo Deeps

Vancouver, Canada — Mawson Gold Limited (“Mawson” or the “Company”) (TSXV:MAW) (Frankfurt:MXR) (PINKSHEETS: MWSNF) announces Southern Cross Gold Ltd. (“Southern Cross Gold” or “SXG”) has released results from two diamond drill holes SDDSC119 and SDDSC119W1 from the Apollo prospect at the 100%-owned Sunday Creek Project in Victoria, Australia (Figure 5).

Highlights:

- Drillhole SDDSC119 drilled an extension of mineralisation 200 m from **Apollo** to **Apollo East** and infilled a 260 m gap in Apollo Deeps providing confidence in continuity.
- SDDSC119 intercepted 10 high-grade vein sets, including three vein sets at Apollo East, and seven at Apollo Deeps. It included **ten assayed intervals of > 10 g/t Au (up to 35.9 g/t Au), and six assayed intervals > 5% Sb (up to 19.9% Sb)**. Selected highlights include:

Apollo East

- **4.2 m @ 3.6 g/t AuEq** (2.9 g/t Au, 0.3% Sb) from 416.8 m, including:
 - **2.6 m @ 4.9 g/t AuEq** (4.0 g/t Au, 0.5% Sb) from 418.4 m
- **1.4 m @ 20.0 g/t AuEq** (8.9 g/t Au, 5.9% Sb) from 440.0 m, including:
 - **0.4 m @ 66.7 g/t AuEq** (29.3 g/t Au, 19.9% Sb) from 441.0 m

Apollo Deeps

- **11.5 m @ 6.0 g/t AuEq** (3.7 g/t Au, 1.2% Sb) from 571.2 m, including:
 - **4.7 m @ 11.7 g/t AuEq** (6.6 g/t Au, 2.7% Sb) from 577.1 m
- **10.8 m @ 1.7 g/t AuEq** (1.2 g/t Au, 0.3% Sb) from 607.0 m
- **5.6 m @ 4.3 g/t AuEq** (2.7 g/t Au, 0.9% Sb) from 620.1 m, including:
 - **1.0 m @ 14.2 g/t AuEq** (8.6 g/t Au, 3.0% Sb) from 621.0 m
- **1.6 m @ 6.6 g/t AuEq** (6.3 g/t Au, 0.1% Sb) from 646.3 m
- **0.6 m @ 18.0 g/t AuEq** (17.6 g/t Au, 0.2% Sb) from 657.1 m
- **7.1 m @ 2.3 g/t AuEq** (1.4 g/t Au, 0.4% Sb) from 663.4 m
- **SDDSC119W1** was drilled as a wedge hole to reacquire core lost down the parent hole SDDSC119. It therefore also acted as a test of the continuity of mineralisation over a 0.6 m down dip distance for the first time at this scale. Continuity of mineralisation was demonstrated with SDDSC119 and SDDSC119W1 assaying respectively **5.6 m @ 4.3 g/t AuEq** and **5.5 m @ 5.1 g/t AuEq** (Figure 3).
- **Nine drill holes at Sunday Creek are currently being processed and analysed, with four holes in progress.**

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HIGHLIGHTS (Cont.)

- Mawson owns 96,590,910 shares of SXG (49.4%), valuing its stake at A\$232.8 million (C\$213.1 million) based on SXG's closing price on July 3, 2024 AEST.

Michael Hudson, Mawson Interim CEO and Executive Chairman, states: *“New drilling has shown further expansion and success from the prolific Sunday Creek, this time from the far eastern end of the 1 km long core project area. Drill holes SDDSC119 and 119W1 demonstrated extensions of three high grade veins sets 200 m east at Apollo East, including **1.4 m @ 20.0 g/t AuEq**, and infilled seven veins in a 260 m wide gap at Apollo Deeps, which included **11.5 m @ 6.0 g/t AuEq**. Encouragingly the wedge hole demonstrated continuity of grade at a close (0.6 m) spacing, and at a scale never tested at the project. These results are important as they show continued project growth as well as continuity of grades at different scales.*

“With an additional rig to be mobilised to site next week to increase site capacity to five drill rigs, and with a 60 km drill program underway, these results demonstrate our ability to build the deposit via volume increases and building confidence in continuity of grade.”

Drill Hole Discussion

Two drill holes (SDDSC119 and 119W1) are reported from the Apollo prospect (Figures 1 and 2).

SDDSC119 was designed to test new mineralisation located 200 m east of Apollo to Apollo East, and to infill a 260 m gap in Apollo Deeps. The hole was drilled 58 m – 113 m down-plunge of SDDSC116 (**15.0 m @ 9.8 g/t AuEq (8.8 g/t Au, 0.5% Sb) from 511.2 m**) and 38 m – 132 m up-plunge of SDDSC108A (**0.2 m @ 576.1 g/t AuEq (576.0 g/t Au, 0.1% Sb) from 762.9 m**), proving continuity over 260 m of mineralised plunge and extended mineralisation domain footprints at depth. This drillhole intercepted **ten assayed intervals of > 10 g/t Au (up to 35.9 g/t Au), and six assayed intervals > 5% Sb (up to 19.9% Sb)**.

SDDSC119W1 was drilled as a wedge hole to reacquire core lost down the parent hole SDDSC119 (from 633 m – 635 m). Fortuitously, it also acted as a test of the continuity of mineralisation at different downhole depths over 0.6 m down dip distance, at a spacing never previously tested on the project. Continuity of mineralisation at this scale was successfully demonstrated with SDDSC119 assaying 5.6 m @ 4.3 g/t AuEq (2.7 g/t Au, 0.9% Sb) from 620.1 m and the wedge hole SDDSC119W1 returning 5.5 m @ 5.1 g/t AuEq (3.6 g/t Au, 0.8% Sb) from 619.9 m (Figure 3).

Highlights from SDDSC119 include:

Apollo East

- o **4.2 m @ 3.6 g/t AuEq** (2.9 g/t Au, 0.3% Sb) from 416.8 m, including:
 - **2.6 m @ 4.9 g/t AuEq** (4.0 g/t Au, 0.5% Sb) from 418.4 m
- o **3.6 m @ 2.6 g/t AuEq** (1.1 g/t Au, 0.8% Sb) from 423.4 m
- o **1.4 m @ 20.0 g/t AuEq** (8.9 g/t Au, 5.9% Sb) from 440.0 m, including:
 - **0.4 m @ 66.7 g/t AuEq** (29.3 g/t Au, 19.9% Sb) from 441.0 m

Apollo Deeps

- o **11.5 m @ 6.0 g/t AuEq** (3.7 g/t Au, 1.2% Sb) from 571.2 m, including:
 - **4.7 m @ 11.7 g/t AuEq** (6.6 g/t Au, 2.7% Sb) from 577.1 m
- o **10.8 m @ 1.7 g/t AuEq** (1.2 g/t Au, 0.3% Sb) from 607.0 m
- o **5.6 m @ 4.3 g/t AuEq** (2.7 g/t Au, 0.9% Sb) from 620.1 m, including:
 - **1.0 m @ 14.2 g/t AuEq** (8.6 g/t Au, 3.0% Sb) from 621.0 m
- o **1.6 m @ 6.6 g/t AuEq** (6.3 g/t Au, 0.1% Sb) from 646.3 m, including:
 - **0.3 m @ 36.0 g/t AuEq** (35.9 g/t Au, 0.0% Sb) from 647.6 m
- o **0.6 m @ 18.0 g/t AuEq** (17.6 g/t Au, 0.2% Sb) from 657.1 m

- o **7.1 m @ 2.3 g/t AuEq** (1.4 g/t Au, 0.4% Sb) from 663.4 m

Pending Results and Update

Nine holes (SDDSC114W1, 120, 121, 121W1, 122, 123, 124, 125, 127) are currently being processed and analyzed, with four holes (SDDSC122W1, 050W1, 126, 128) in progress (Figures 1 and 2).

Further Information

Further discussion and analysis of the Sunday Creek project by Southern Cross Gold is available on the SXG website at www.southerncrossgold.com.au.

No upper gold grade cut is applied in the averaging and intervals are reported as drill thickness. During future Mineral Resource studies, the requirement for assay top cutting will be assessed.

Figures 1 to 5 show project location, plan and longitudinal views of drill results reported here and Tables 1 to 3 provide collar and assay data. The true thickness of the mineralised intervals reported individually as estimated true widths ("ETW"), otherwise they are interpreted to be approximately 55-65% of the sampled thickness for other reported holes. Lower grades were cut at 1.0 g/t AuEq lower cutoff over a maximum width of 2 m with higher grades cut at 5.0 g/t AuEq lower cutoff over a maximum of 1 m width unless specified.

Technical Background and Qualified Person

The Qualified Person, Michael Hudson, Executive Chairman and a director of Mawson Gold, and a Fellow of the Australasian Institute of Mining and Metallurgy, has reviewed, verified and approved the technical contents of this release.

Analytical samples are transported to the Bendigo facility of On Site Laboratory Services ("On Site") which operates under both an ISO 9001 and NATA quality systems. Samples were prepared and analyzed for gold using the fire assay technique (PE01S method; 25 gram charge), followed by measuring the gold in solution with flame AAS equipment. Samples for multi-element analysis (BM011 and over-range methods as required) use aqua regia digestion and ICP-MS analysis. The QA/QC program of Southern Cross Gold consists of the systematic insertion of certified standards of known gold content, blanks within interpreted mineralized rock and quarter core duplicates. In addition, On Site inserts blanks and standards into the analytical process.

MAW considers that both gold and antimony that are included in the gold equivalent calculation ("AuEq") have reasonable potential to be recovered at Sunday Creek, given current geochemical understanding, historic production statistics and geologically analogous mining operations. Historically, ore from Sunday Creek was treated onsite or shipped to the Costerfield mine, located 54 km to the northwest of the project, for processing during WW1. The Costerfield mine corridor, now owned by Mandalay Resources Ltd contains two million ounces of equivalent gold (Mandalay Q3 2021 Results), and in 2020 was the sixth highest-grade global underground mine and a top 5 global producer of antimony.

MAW considers that it is appropriate to adopt the same gold equivalent variables as Mandalay Resources Ltd in its Mandalay Technical Report, 2024 dated March 28, 2024. The gold equivalence formula used by Mandalay Resources was calculated using Costerfield's 2023 production costs, using a gold price of US\$1,900 per ounce, an antimony price of US\$12,000 per tonne and 2023 total year metal recoveries of 94% for gold and 89% for antimony, and is as follows:

$$AuEq = Au (g/t) + 1.88 \times Sb (\%).$$

Based on the latest Costerfield calculation and given the similar geological styles and historic toll treatment of Sunday Creek mineralization at Costerfield, SXG considers that a **$AuEq = Au (g/t) + 1.88 \times Sb (\%)$** is appropriate to use for the initial exploration targeting of gold-antimony mineralization at Sunday Creek.

About Mawson Gold Limited (TSXV:MAW, FRANKFURT:MXR, OTC:PINK:MWSNF)

Mawson Gold Limited has distinguished itself as a leading Nordic exploration company. Over the last decades, the team behind Mawson has forged a long and successful record of discovering, financing, and advancing mineral projects in the Nordics and Australia. Mawson holds the Skellefteå North gold discovery and a portfolio of historic uranium resources in Sweden. Mawson also holds 49% of Southern Cross Gold Ltd. (ASX: SXG) which owns or controls two high-grade, historic epizonal goldfields in Victoria, Australia, including the exciting Sunday Creek Au-Sb discovery.

About Southern Cross Gold Ltd (ASX: SXG)

[Southern Cross Gold](#) holds the 100%-owned Sunday Creek project in Victoria and Mt Isa project in Queensland, the Redcastle joint venture in Victoria, Australia, and a strategic 6.7% holding in ASX-listed Nagambie Resources Limited (ASX: NAG) which grants SXG a Right of First Refusal over a 3,300 square kilometer tenement package held by NAG in Victoria.

On behalf of the Board,

"Michael Hudson"

Michael Hudson, Interim CEO and Executive Chairman

Further Information

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Forward-Looking Statement

This news release contains forward-looking statements or forward-looking information within the meaning of applicable securities laws (collectively, "forward-looking statements"). All statements herein, other than statements of historical fact, are forward-looking statements. Although Mawson believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. Forward-looking statements are typically identified by words such as: believe, expect, anticipate, intend, estimate, postulate, and similar expressions, or are those, which, by their nature, refer to future events. Mawson cautions investors that any forward-looking statements are not guarantees of future results or performance, and that actual results may differ materially from those in forward-looking statements as a result of various factors, including, Mawson's expectations regarding its ownership interest in Southern Cross Gold, capital and other costs varying significantly from estimates, changes in world metal markets, changes in equity markets, the potential impact of epidemics, pandemics or other public health crises on the Company's business, risks related to negative publicity with respect to the Company or the mining industry in general; exploration potential being conceptual in nature, there being insufficient exploration to define a mineral resource on the Australian-projects owned by SXG, and uncertainty if further exploration will result in the determination of a mineral resource; planned drill programs and results varying from expectations, delays in obtaining results, equipment failure, unexpected geological conditions, local community relations, dealings with non-governmental organizations, delays in operations due to permit grants, environmental and safety risks, and other risks and uncertainties disclosed under the heading "Risk Factors" in Mawson's most recent Annual Information Form filed on [SEDAR+](#). Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, Mawson disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise.

Figure 1: Sunday Creek plan view showing selected results from SDDSC119 reported here (blue highlighted box, orange trace), selected prior reported drill holes and pending holes.

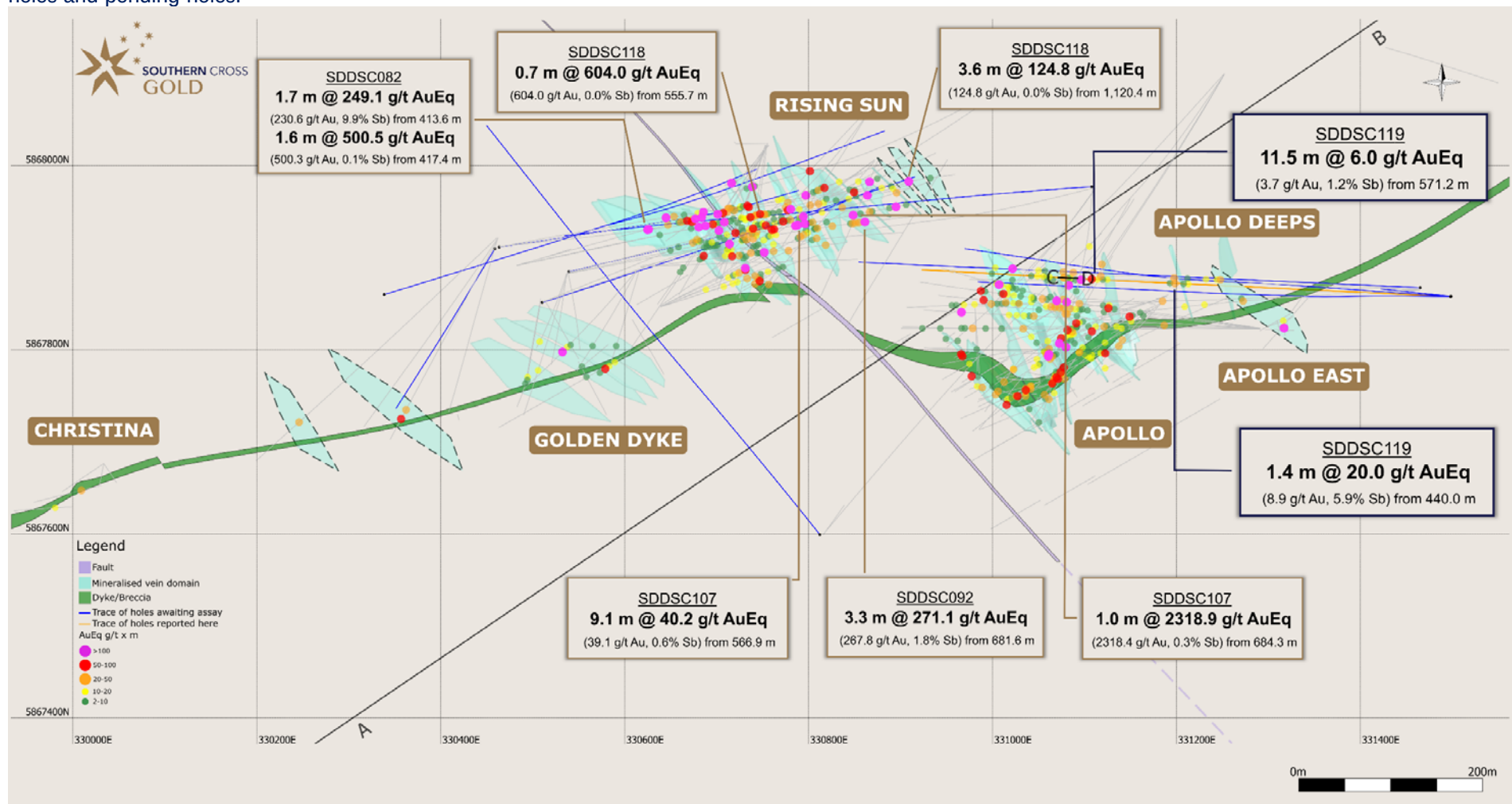


Figure 2: Sunday Creek longitudinal section across A-B in the plane of the dyke breccia/alterated sediment host (see Figure 1) looking towards the north (striking 236 degrees) showing mineralised veins sets. Showing SDDSC119 reported here (blue highlighted box, orange trace) with selected intersections and prior reported drill holes. For location refer to Figure 1.

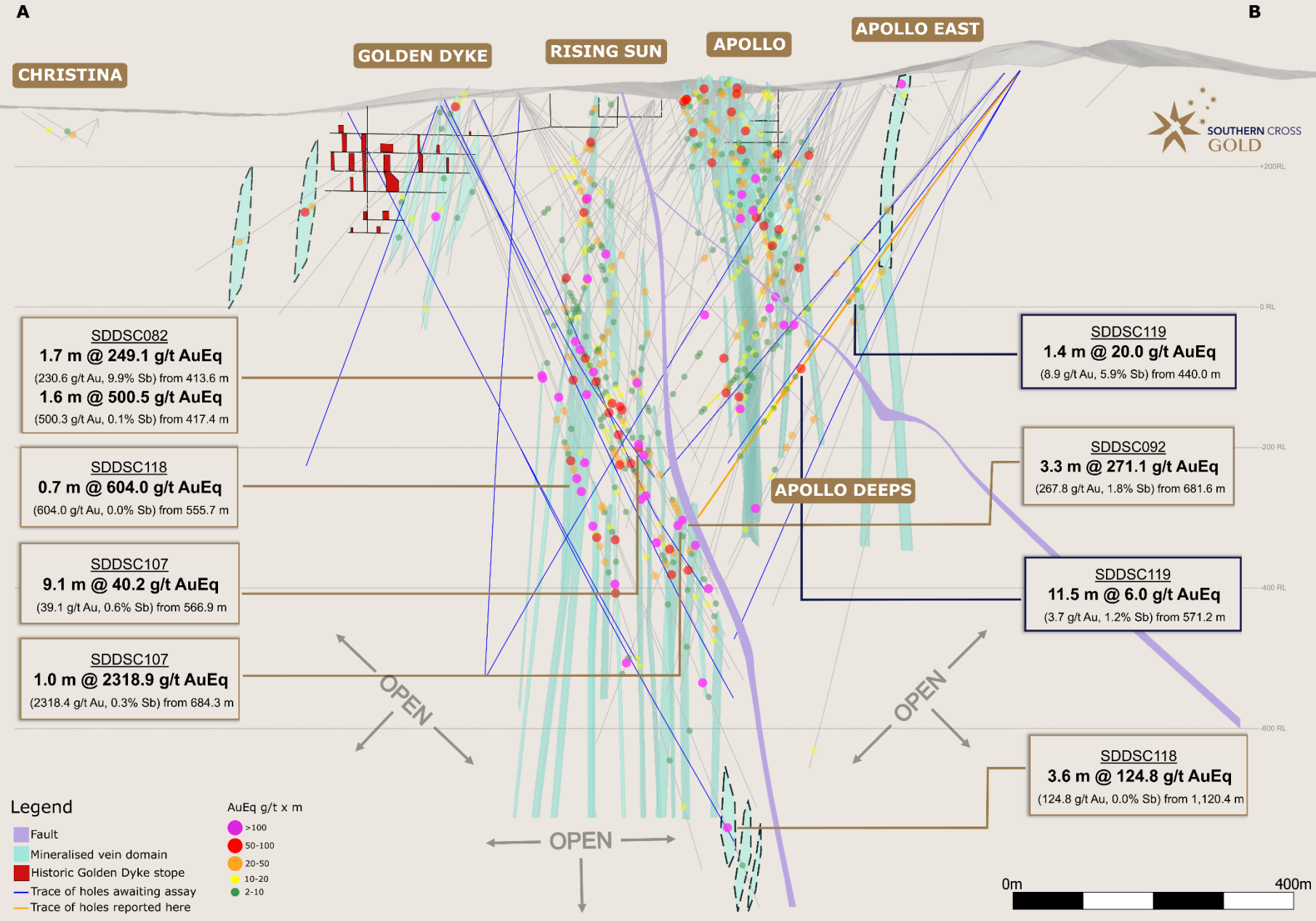


Figure 3: Showing cross section of the A_150 vein set drilled by SDDSC119 and SDDSC119W1 showing continuity of mineralisation over a short (0.6 m) down dip distance between parent and wedge holes. For location refer to Figure 1.

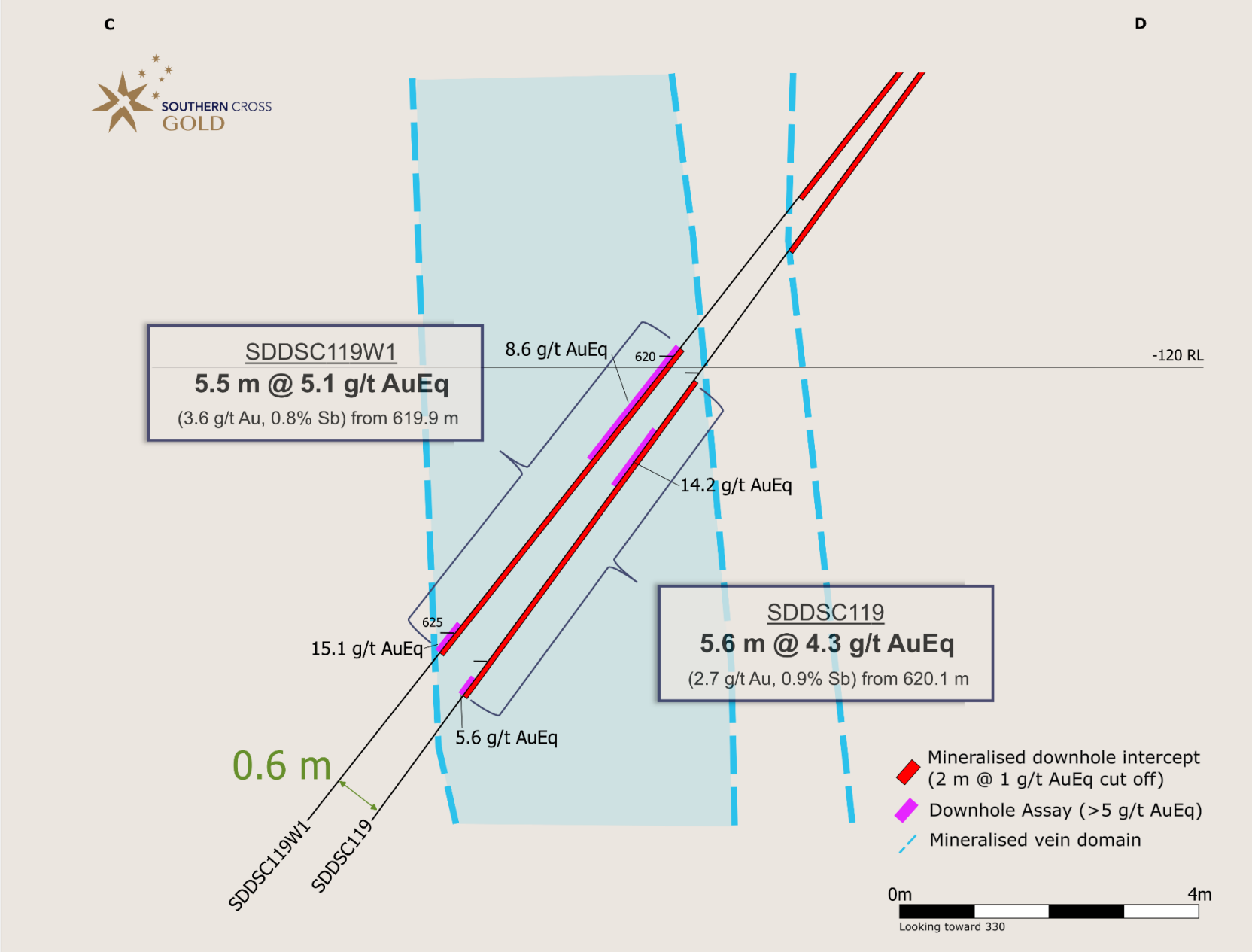


Figure 4: Sunday Creek regional plan view showing LiDAR, soil sampling, structural framework, regional historic epizonal gold mining areas and broad regional areas (Tonestal, Consols and Leviathan) tested by 12 holes for 2,383 m drill program. The regional drill areas are at Tonstal, Consols and Leviathan located 4,000-7,500 m along strike from the main drill area at Golden Dyke- Apollo.

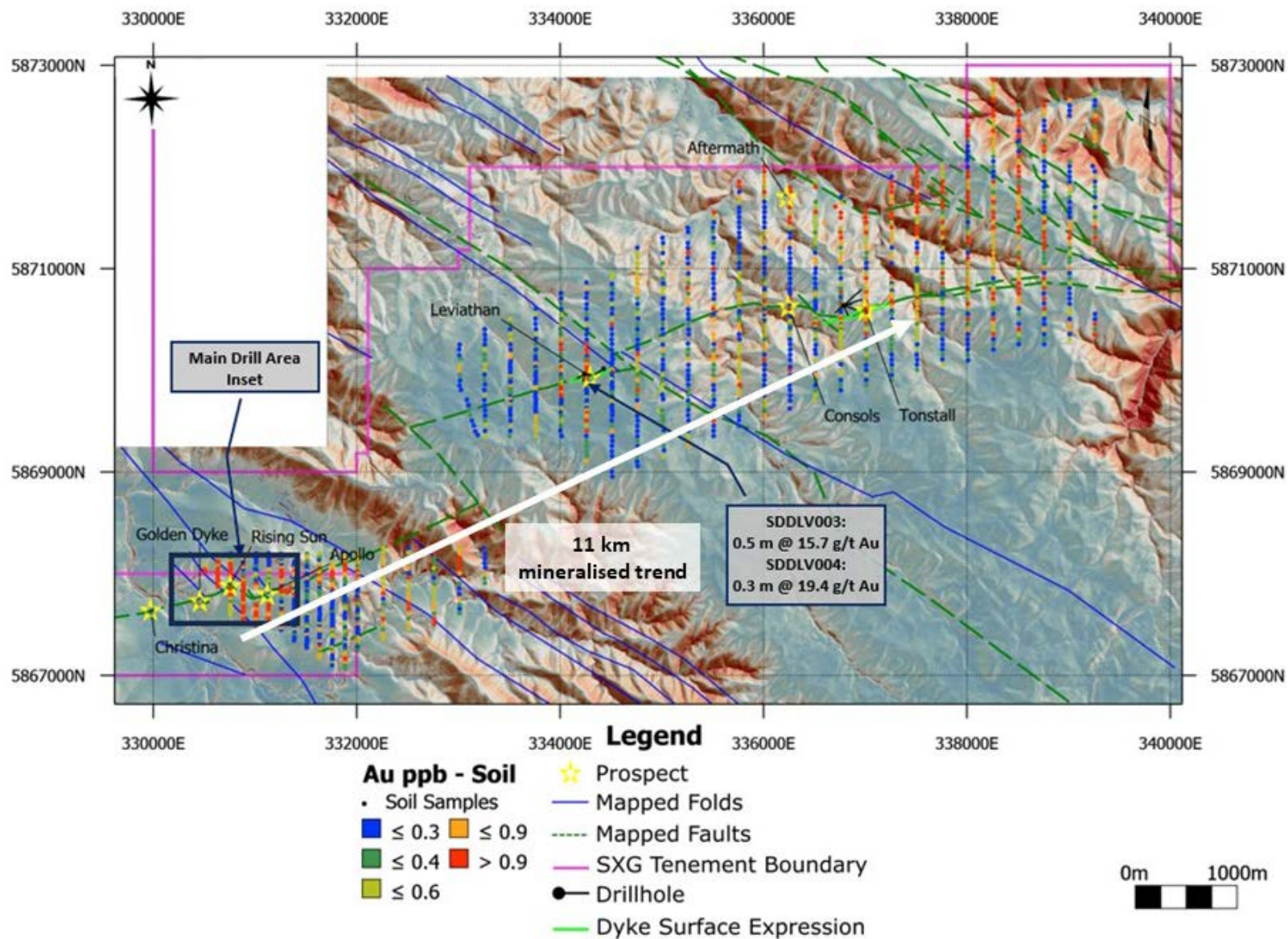


Figure 5: Location of the Sunday Creek project, along with the Redcastle JV and simplified geology.

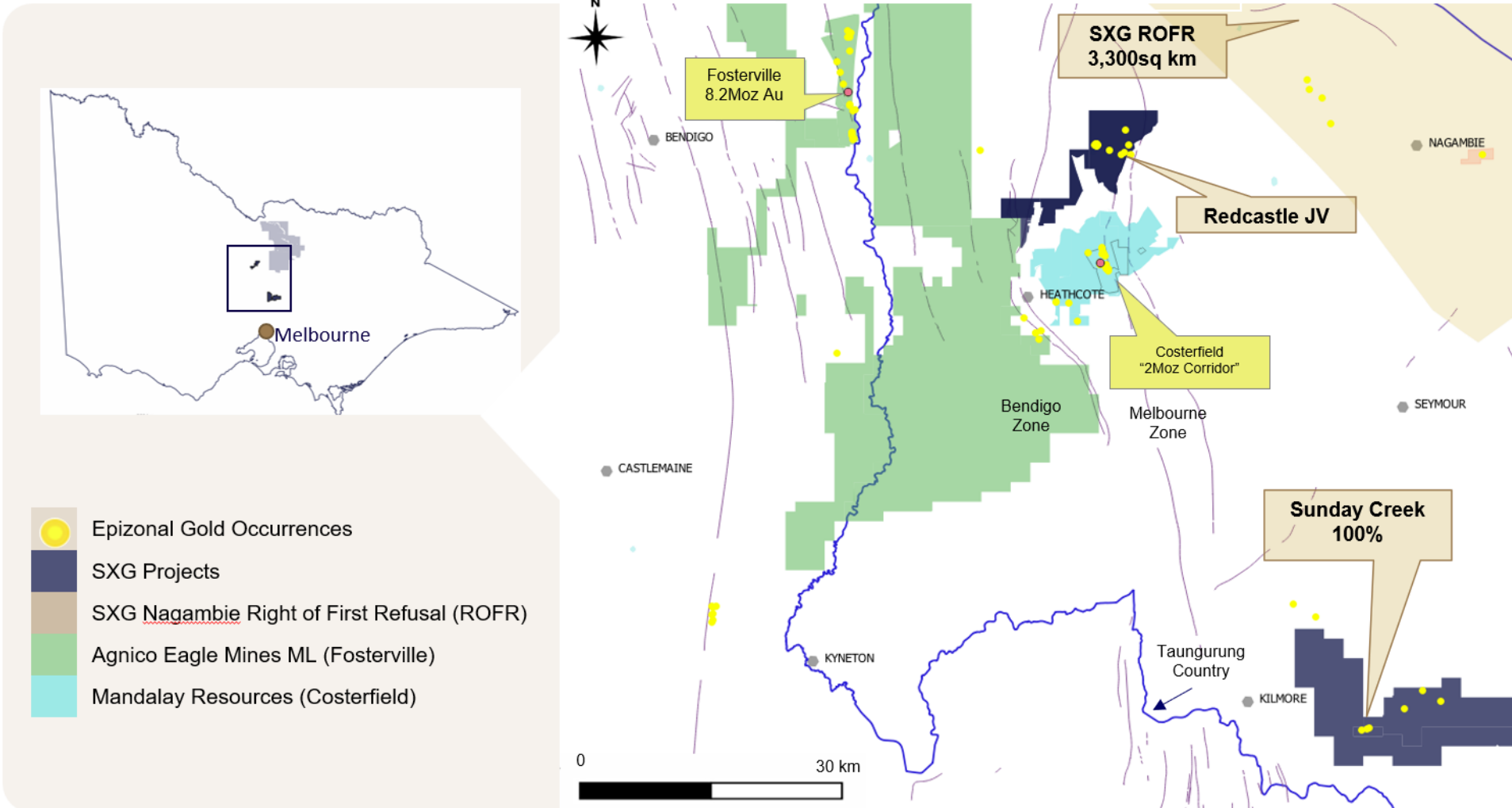


Table 1: Drill collar summary table for recent drill holes in progress.

Hole_ID	Depth (m)	Prospect	East GDA94_Z55	North GDA94_Z55	Elevation	Azimuth	Plunge
SDDSC111	496.7	Apollo	331291	5867823	316.8	270	-38
SDDSC112	490.9	Apollo	331464	5867865	333	267	-42
SDDSC112W1	766.4	Apollo	331329	5867859	200	267	-42
SDDSC113	905.5	Rising Sun	330511	5867853	296.6	67.5	-63.5
SDDSC114	878.6	Rising Sun	330464	5867914	286.6	82	-58
SDDSC115	17.6	Rising Sun	330464	5867912	286.6	83	-58.5
SDDSC115A	923.6	Rising Sun	330464	5867912	286.7	83	-59
SDDSC116	682.6	Rising Sun	331465	5867865	333.3	272.5	-41.5
SDDSC117	1101	Rising Sun	330510	5867852	296.5	70.5	-64.5
SDDSC118	1246	Rising Sun	330464	5867912	286.6	80	-64.5
SDDSC119	854.1	Apollo	331498	5867858	336.7	272.5	-45.2
SDDSC120	1022.5	Rising Sun	331110	5867976	319.5	266.5	-55
SDDSC121	588.7	Rising Sun	330510	5867852	296.6	72	-63
SDDSC122	889.89	Rising Sun	330338	5867860	267.7	74	-62
SDDSC114W1	625.1	Rising Sun	330464	5867914	286.6	82	-58
SDDSC119W1	643	Apollo	331498	5867858	336.7	272.5	-45.2
SDDSC123	124.3	Apollo	331499	5867859	337	276	-52
SDDSC124	969.3	Apollo	331499	5867859	337	274	-52.2
SDDSC121W1	953.4	Rising Sun	330510	5867852	296.6	72	-63.8
SDDSC125	551.7	Golden Dyke	330462	5867920	285.6	212	-68
SDDSC126	In progress plan 1000 m	Rising Sun	330815	5867599	295.7	321.6	-54
SDDSC122W1	In progress plan 1185 m	Rising Sun	330338	5867860	276.5	72	-61.4
SDDSC050W1	In progress plan 784 m	Rising Sun	330539	5867885	295.3	77	-63
SDDSC127	483.2	Apollo	331498	5867858	336.9	271.3	-43.3
SDDSC128	In progress plan 840 m	Apollo	331465	5867867	333.1	272.6	-43.3

Table 2: Tables of mineralized drill hole intersections reported from SDDSC119 and 119W1 using two cut-off criteria. Lower grades cut at 1.0 g/t lower cutoff over a maximum of 2 m with higher grades cut at 5.0 g/t AuEq cutoff over a maximum of 1 m.

Hole-ID	From (m)	To (m)	Length (m)	Au (g/t)	Sb (%)	AuEq g/t
SDDS119	394.5	394.6	0.2	0.4	2.6	5.3
SDDS119	416.8	421.0	4.2	2.9	0.3	3.6
including	418.4	421.0	2.6	4.0	0.5	4.9
SDDS119	423.4	427.0	3.6	1.1	0.8	2.6
including	426.2	426.6	0.4	6.6	5.1	16.2
SDDS119	430.5	431.4	0.9	3.0	0.8	4.4
SDDS119	440.0	441.4	1.4	8.9	5.9	20.0
including	441.0	441.4	0.4	29.3	19.9	66.7
SDDS119	447.5	450.0	2.5	2.0	0.1	2.3
SDDS119	474.0	474.6	0.6	1.3	0.0	1.3
SDDS119	539.4	539.6	0.2	1.4	9.0	18.3
SDDS119	568.5	569.1	0.6	0.1	0.9	1.8
SDDS119	571.2	582.7	11.5	3.7	1.2	6.0
including	571.4	571.8	0.4	8.9	0.4	9.7
including	574.1	574.3	0.2	9.2	2.8	14.5
including	577.1	581.8	4.7	6.6	2.7	11.7
SDDS119	590.8	593.6	2.8	1.2	0.5	2.2
SDDS119	607.0	617.8	10.8	1.2	0.3	1.7
including	611.7	612.0	0.3	7.9	1.2	10.2
SDDS119	620.1	625.7	5.6	2.7	0.9	4.3
including	621.0	622.0	1.0	8.6	3.0	14.2
including	625.4	625.7	0.3	2.9	1.5	5.6
SDDS119	642.7	644.4	1.6	1.1	0.1	1.4
SDDS119	646.3	647.9	1.6	6.3	0.1	6.6
including	647.6	647.9	0.3	35.9	0.0	36.0
SDDS119	650.0	653.6	3.5	0.7	0.4	1.5
including	653.4	653.6	0.1	3.5	0.8	5.1
SDDS119	657.1	657.7	0.6	17.6	0.2	18.0
SDDS119	663.4	670.5	7.1	1.4	0.4	2.3
including	665.7	665.9	0.2	11.3	3.5	17.8
including	668.9	669.2	0.4	13.8	0.2	14.2
SDDS119	672.1	673.5	1.4	0.8	0.4	1.6
SDDS119	675.7	683.7	8.0	0.6	0.2	1.0
SDDS119	691.0	692.1	1.1	2.2	0.6	3.4
including	691.6	692.1	0.5	4.4	0.4	5.2
SDDS119	700.1	702.0	2.0	2.3	0.1	2.4
including	700.1	700.2	0.2	16.4	0.8	18.0
SDDS119	704.1	704.3	0.2	4.8	0.9	6.6
SDDS119	706.9	707.3	0.4	10.1	0.4	10.9

SDDS119	710.4	710.9	0.5	2.9	0.4	3.6
SDDS119	713.3	713.7	0.3	0.7	0.6	1.9
SDDS119	715.1	715.4	0.3	0.6	0.3	1.2
SDDS119	731.9	732.2	0.3	0.5	0.7	1.7
SDDS119	734.3	736.3	2.0	0.8	0.3	1.4
SDDS119	741.1	743.5	2.4	1.4	0.4	2.1
including	742.9	743.5	0.6	3.8	1.4	6.3
SDDS119	846.2	846.8	0.5	1.2	0.9	2.8
SDDS119W1	610.5	611	0.5	1.1	2.3	5.4
SDDS119W1	610.5	617.1	6.6	0.8	0.3	1.3
including	610.5	611	0.5	1.1	2.3	5.4
SDDS119W1	619.85	625.4	5.55	3.6	0.8	5.1
including	619.85	621.9	2.05	5.1	1.9	8.6
including	624.9	625.4	0.5	14.2	0.5	15.1
SDDS119W1	631.9	632.3	0.4	1.1	0.5	2.1
SDDS119W1	641.1	641.5	0.4	0.7	0.5	1.6

Table 3: All individual assays reported from SDDSC118 reported here >0.1g/t AuEq.

Hole-ID	From (m)	To (m)	Length (m)	Au (g/t)	Sb (%)	AuEq (g/t)
SDDSC119	317.8	318.4	0.6	0.1	0.0	0.1
SDDSC119	394.0	394.5	0.5	0.1	0.1	0.4
SDDSC119	394.5	394.6	0.2	0.4	2.6	5.3
SDDSC119	400.0	401.0	1.0	0.2	0.1	0.4
SDDSC119	401.5	401.6	0.1	0.2	0.0	0.2
SDDSC119	401.6	402.3	0.7	0.1	0.0	0.1
SDDSC119	404.9	405.4	0.5	0.1	0.0	0.1
SDDSC119	407.7	408.0	0.3	0.4	0.0	0.4
SDDSC119	414.0	414.4	0.4	0.1	0.0	0.1
SDDSC119	414.4	414.8	0.4	0.5	0.0	0.6
SDDSC119	414.8	415.2	0.4	0.5	0.2	0.8
SDDSC119	415.2	416.1	0.9	0.2	0.0	0.2
SDDSC119	416.4	416.6	0.1	0.4	0.0	0.4
SDDSC119	416.6	416.8	0.3	0.2	0.0	0.2
SDDSC119	416.8	417.1	0.2	1.2	0.0	1.2
SDDSC119	417.1	417.4	0.4	1.3	0.1	1.5
SDDSC119	417.4	418.1	0.6	1.2	0.1	1.3
SDDSC119	418.1	418.4	0.3	0.9	0.2	1.3
SDDSC119	418.4	418.9	0.5	1.5	1.9	5.1
SDDSC119	418.9	419.1	0.3	1.1	0.8	2.5
SDDSC119	419.1	419.4	0.2	0.5	0.0	0.5
SDDSC119	419.4	419.7	0.4	7.0	0.0	7.0
SDDSC119	419.7	419.9	0.2	0.9	0.1	1.0
SDDSC119	419.9	420.5	0.6	0.2	0.0	0.2
SDDSC119	420.5	421.0	0.5	12.4	0.2	12.7
SDDSC119	423.0	423.4	0.4	0.3	0.0	0.4
SDDSC119	423.4	423.7	0.3	0.4	0.4	1.1
SDDSC119	423.7	423.9	0.2	0.1	0.0	0.2
SDDSC119	423.9	424.3	0.4	0.2	1.5	3.0
SDDSC119	424.3	425.5	1.2	0.3	0.0	0.3
SDDSC119	425.5	426.2	0.7	0.2	0.1	0.3
SDDSC119	426.2	426.6	0.4	6.6	5.1	16.2
SDDSC119	426.6	427.0	0.5	1.4	0.2	1.7
SDDSC119	427.0	428.0	1.0	0.2	0.0	0.2
SDDSC119	428.0	428.9	0.9	0.1	0.0	0.1
SDDSC119	428.9	430.2	1.3	0.4	0.0	0.4
SDDSC119	430.2	430.5	0.4	0.2	0.1	0.3
SDDSC119	430.5	431.4	0.9	3.0	0.8	4.4

SDDSC119	431.4	432.4	1.0	0.3	0.0	0.3
SDDSC119	432.4	433.2	0.8	0.1	0.0	0.2
SDDSC119	433.2	434.5	1.3	0.2	0.0	0.2
SDDSC119	434.5	435.8	1.3	0.2	0.1	0.3
SDDSC119	435.8	437.0	1.2	0.3	0.0	0.4
SDDSC119	437.0	437.8	0.8	0.3	0.2	0.7
SDDSC119	437.8	439.0	1.3	0.3	0.0	0.3
SDDSC119	439.0	439.8	0.8	0.3	0.1	0.5
SDDSC119	439.8	440.0	0.3	0.2	0.0	0.2
SDDSC119	440.0	441.0	1.0	0.7	0.4	1.4
SDDSC119	441.0	441.4	0.4	29.3	19.9	66.7
SDDSC119	441.4	442.2	0.8	0.3	0.3	0.8
SDDSC119	442.2	443.6	1.4	0.2	0.0	0.3
SDDSC119	443.6	444.4	0.8	0.1	0.0	0.1
SDDSC119	446.6	447.5	0.9	0.3	0.0	0.3
SDDSC119	447.5	447.8	0.3	1.4	1.3	3.7
SDDSC119	447.8	449.0	1.2	0.7	0.0	0.7
SDDSC119	449.0	450.0	1.0	3.8	0.0	3.9
SDDSC119	450.0	451.0	1.0	0.7	0.0	0.7
SDDSC119	451.0	452.0	1.0	0.1	0.0	0.1
SDDSC119	453.0	453.5	0.5	0.1	0.0	0.1
SDDSC119	453.5	454.3	0.9	0.1	0.0	0.1
SDDSC119	454.3	454.8	0.5	0.3	0.0	0.3
SDDSC119	454.8	455.0	0.2	0.2	0.0	0.2
SDDSC119	456.0	457.0	1.0	0.2	0.0	0.2
SDDSC119	457.0	457.2	0.2	0.5	0.0	0.5
SDDSC119	457.2	457.7	0.5	0.2	0.0	0.2
SDDSC119	457.8	458.3	0.5	0.1	0.0	0.1
SDDSC119	458.3	459.0	0.7	0.5	0.0	0.5
SDDSC119	460.0	460.9	0.9	0.1	0.0	0.1
SDDSC119	462.0	463.0	1.0	0.6	0.0	0.6
SDDSC119	463.0	463.6	0.6	0.9	0.0	0.9
SDDSC119	463.6	464.2	0.7	0.2	0.0	0.2
SDDSC119	464.2	464.7	0.5	0.8	0.0	0.8
SDDSC119	464.7	465.2	0.4	0.2	0.0	0.2
SDDSC119	466.0	466.8	0.8	0.1	0.0	0.1
SDDSC119	469.9	470.5	0.6	0.1	0.0	0.1
SDDSC119	470.5	470.7	0.2	0.4	0.0	0.4
SDDSC119	470.7	471.0	0.3	0.4	0.0	0.4
SDDSC119	471.0	471.5	0.5	0.7	0.0	0.7
SDDSC119	471.5	471.9	0.4	0.5	0.0	0.5

SDDSC119	471.9	472.2	0.3	0.4	0.0	0.4
SDDSC119	472.2	472.4	0.3	0.2	0.0	0.2
SDDSC119	473.0	474.0	1.0	0.8	0.0	0.8
SDDSC119	474.0	474.6	0.6	1.3	0.0	1.3
SDDSC119	474.6	474.7	0.2	0.2	0.0	0.2
SDDSC119	477.0	477.5	0.5	0.3	0.0	0.3
SDDSC119	477.5	478.1	0.7	0.3	0.0	0.3
SDDSC119	478.1	478.5	0.4	0.4	0.0	0.4
SDDSC119	478.5	479.0	0.5	0.3	0.0	0.3
SDDSC119	479.0	479.6	0.6	0.5	0.0	0.5
SDDSC119	479.6	480.6	1.0	0.1	0.0	0.1
SDDSC119	481.1	481.6	0.5	0.2	0.0	0.2
SDDSC119	482.4	483.0	0.7	0.2	0.0	0.2
SDDSC119	483.0	484.0	1.0	0.1	0.0	0.1
SDDSC119	485.0	485.4	0.4	0.3	0.0	0.3
SDDSC119	539.2	539.4	0.2	0.1	0.1	0.2
SDDSC119	539.4	539.6	0.2	1.4	9.0	18.3
SDDSC119	539.6	540.2	0.6	0.1	0.1	0.2
SDDSC119	541.0	542.0	1.0	0.4	0.0	0.4
SDDSC119	543.0	544.0	1.0	0.1	0.0	0.1
SDDSC119	544.0	545.0	1.0	0.1	0.0	0.1
SDDSC119	545.0	546.0	1.0	0.1	0.0	0.1
SDDSC119	546.0	547.0	1.0	0.4	0.0	0.4
SDDSC119	565.0	566.0	1.0	0.4	0.1	0.5
SDDSC119	566.0	567.0	1.0	0.3	0.2	0.8
SDDSC119	567.0	567.3	0.3	0.5	0.0	0.5
SDDSC119	568.5	569.1	0.6	0.1	0.9	1.8
SDDSC119	569.7	570.6	0.9	0.1	0.0	0.2
SDDSC119	570.6	571.2	0.6	0.3	0.1	0.4
SDDSC119	571.2	571.4	0.2	1.3	0.1	1.4
SDDSC119	571.4	571.6	0.2	8.3	0.8	9.8
SDDSC119	571.6	571.8	0.2	9.5	0.0	9.5
SDDSC119	571.8	572.2	0.4	0.7	0.0	0.7
SDDSC119	572.2	573.1	0.9	0.8	0.0	0.9
SDDSC119	573.1	573.2	0.2	1.8	0.0	1.8
SDDSC119	573.2	574.1	0.9	0.7	0.1	0.8
SDDSC119	574.1	574.3	0.2	9.2	2.8	14.5
SDDSC119	574.3	575.0	0.7	0.1	0.0	0.1
SDDSC119	575.0	576.0	1.0	0.2	0.0	0.2
SDDSC119	576.0	576.7	0.7	1.2	0.0	1.2
SDDSC119	576.7	577.1	0.5	2.3	0.7	3.6

SDDSC119	577.1	577.7	0.6	12.2	9.5	30.1
SDDSC119	577.7	578.0	0.4	21.2	0.0	21.3
SDDSC119	578.0	578.9	0.9	1.0	0.4	1.7
SDDSC119	578.9	579.2	0.3	3.2	8.6	19.3
SDDSC119	579.2	579.5	0.3	1.0	0.0	1.0
SDDSC119	579.5	580.2	0.7	0.3	0.0	0.3
SDDSC119	580.2	580.5	0.3	2.0	7.6	16.3
SDDSC119	580.5	581.3	0.8	0.3	0.0	0.3
SDDSC119	581.3	581.8	0.5	27.8	4.6	36.5
SDDSC119	581.8	582.2	0.4	1.0	0.0	1.1
SDDSC119	582.2	582.7	0.5	2.4	0.6	3.6
SDDSC119	582.7	583.7	1.0	0.1	0.0	0.1
SDDSC119	584.8	585.9	1.1	0.6	0.0	0.6
SDDSC119	585.9	587.0	1.1	0.3	0.0	0.4
SDDSC119	589.0	590.0	1.0	0.2	0.0	0.2
SDDSC119	590.8	591.2	0.4	1.0	0.3	1.6
SDDSC119	591.2	592.2	1.0	0.3	0.1	0.4
SDDSC119	592.2	593.0	0.8	1.8	1.1	3.9
SDDSC119	593.0	593.6	0.6	1.9	0.8	3.3
SDDSC119	594.3	595.0	0.8	0.4	0.0	0.4
SDDSC119	597.0	598.0	1.0	0.1	0.0	0.1
SDDSC119	598.0	599.0	1.0	0.6	0.0	0.6
SDDSC119	599.0	600.0	1.0	0.1	0.0	0.1
SDDSC119	601.0	602.0	1.0	0.1	0.0	0.1
SDDSC119	602.0	603.0	1.0	0.6	0.1	0.8
SDDSC119	604.0	605.0	1.0	0.5	0.1	0.6
SDDSC119	605.0	606.0	1.0	0.6	0.0	0.7
SDDSC119	606.0	607.0	1.0	0.4	0.1	0.6
SDDSC119	607.0	608.0	1.0	1.2	0.5	2.1
SDDSC119	608.0	608.8	0.8	0.6	0.3	1.3
SDDSC119	609.6	610.6	1.0	1.4	0.9	3.0
SDDSC119	610.6	611.7	1.1	0.2	0.2	0.5
SDDSC119	611.7	612.0	0.3	7.9	1.2	10.2
SDDSC119	612.0	613.0	1.0	0.2	0.1	0.4
SDDSC119	613.0	614.0	1.0	0.6	0.4	1.4
SDDSC119	614.0	615.0	1.0	2.8	0.0	2.9
SDDSC119	615.0	616.0	1.0	0.1	0.0	0.1
SDDSC119	616.0	617.0	1.0	1.1	0.1	1.3
SDDSC119	617.0	617.8	0.8	3.0	0.2	3.4
SDDSC119	619.2	620.1	0.9	0.2	0.0	0.2
SDDSC119	620.1	621.0	0.9	2.5	0.6	3.6

SDDSC119	621.0	622.0	1.0	8.6	3.0	14.2
SDDSC119	622.0	623.0	1.0	0.9	0.5	1.8
SDDSC119	623.0	624.0	1.0	1.6	0.1	1.8
SDDSC119	624.0	625.0	1.0	0.3	0.2	0.7
SDDSC119	625.0	625.4	0.4	1.6	0.2	2.0
SDDSC119	625.4	625.7	0.3	2.9	1.5	5.6
SDDSC119	625.7	626.5	0.8	0.4	0.2	0.7
SDDSC119	626.5	627.3	0.8	0.7	0.1	0.8
SDDSC119	628.8	629.2	0.4	0.2	0.0	0.2
SDDSC119	629.2	629.4	0.2	0.2	0.1	0.4
SDDSC119	630.0	630.2	0.2	0.5	0.0	0.5
SDDSC119	630.2	630.5	0.3	0.3	0.0	0.3
SDDSC119	630.5	631.1	0.7	0.1	0.0	0.2
SDDSC119	631.7	632.5	0.8	0.3	0.0	0.3
SDDSC119	632.5	633.0	0.6	0.1	0.0	0.1
SDDSC119	637.3	637.8	0.5	0.4	0.0	0.5
SDDSC119	637.8	638.5	0.7	0.2	0.0	0.2
SDDSC119	638.5	638.8	0.3	0.9	0.0	0.9
SDDSC119	638.8	639.6	0.9	0.3	0.0	0.4
SDDSC119	639.6	640.1	0.4	0.4	0.1	0.5
SDDSC119	640.1	640.8	0.8	0.4	0.0	0.4
SDDSC119	642.7	643.5	0.8	1.1	0.1	1.3
SDDSC119	643.5	643.9	0.4	1.7	0.1	1.8
SDDSC119	643.9	644.4	0.4	0.7	0.2	1.1
SDDSC119	644.4	644.9	0.6	0.5	0.1	0.6
SDDSC119	644.9	645.3	0.4	0.2	0.0	0.3
SDDSC119	646.3	646.6	0.3	0.5	0.7	1.8
SDDSC119	646.6	646.9	0.3	0.1	0.0	0.1
SDDSC119	646.9	647.6	0.7	0.1	0.0	0.1
SDDSC119	647.6	647.9	0.3	35.9	0.0	36.0
SDDSC119	648.1	648.5	0.4	0.4	0.1	0.5
SDDSC119	648.5	649.1	0.6	0.1	0.0	0.2
SDDSC119	649.1	649.4	0.3	0.2	0.0	0.3
SDDSC119	649.4	650.0	0.6	0.4	0.1	0.6
SDDSC119	650.0	650.4	0.4	0.3	0.6	1.3
SDDSC119	650.4	650.9	0.5	0.9	1.0	2.8
SDDSC119	650.9	651.6	0.7	0.0	0.0	0.1
SDDSC119	651.6	652.3	0.7	0.1	0.0	0.2
SDDSC119	652.3	652.6	0.3	0.3	0.1	0.5
SDDSC119	652.6	653.1	0.5	1.6	1.0	3.4
SDDSC119	653.1	653.4	0.3	1.4	0.3	1.9

SDDSC119	653.4	653.6	0.2	3.5	0.8	5.1
SDDSC119	653.6	654.0	0.5	0.3	0.3	0.8
SDDSC119	654.0	655.0	1.0	0.4	0.2	0.8
SDDSC119	655.0	656.0	1.0	0.1	0.0	0.2
SDDSC119	656.8	657.1	0.3	0.2	0.0	0.3
SDDSC119	657.1	657.7	0.6	17.6	0.2	18.0
SDDSC119	662.0	662.4	0.5	0.1	0.1	0.2
SDDSC119	663.4	663.9	0.5	1.0	1.5	3.7
SDDSC119	663.9	664.3	0.4	0.6	0.5	1.6
SDDSC119	664.3	664.7	0.4	1.2	1.0	3.0
SDDSC119	665.7	665.9	0.2	11.3	3.5	17.8
SDDSC119	665.9	666.8	0.9	0.1	0.2	0.4
SDDSC119	666.8	667.0	0.2	0.9	1.7	4.2
SDDSC119	667.0	667.4	0.4	0.1	0.0	0.1
SDDSC119	667.4	667.5	0.2	1.1	0.9	2.7
SDDSC119	667.5	667.7	0.2	0.3	0.4	1.0
SDDSC119	667.7	668.4	0.7	0.3	0.1	0.5
SDDSC119	668.4	668.9	0.5	1.3	0.1	1.5
SDDSC119	668.9	669.2	0.4	13.8	0.2	14.2
SDDSC119	669.2	670.1	0.9	0.1	0.0	0.1
SDDSC119	670.1	670.5	0.4	1.0	0.6	2.1
SDDSC119	670.5	670.8	0.3	0.7	0.1	0.9
SDDSC119	670.8	671.4	0.6	0.2	0.0	0.3
SDDSC119	671.4	671.8	0.5	0.3	0.2	0.7
SDDSC119	671.8	672.1	0.3	0.2	0.0	0.3
SDDSC119	672.1	672.3	0.2	1.2	0.5	2.2
SDDSC119	672.3	672.6	0.3	0.6	0.3	1.2
SDDSC119	672.6	672.9	0.3	1.4	0.5	2.4
SDDSC119	672.9	673.0	0.1	0.3	0.2	0.7
SDDSC119	673.0	673.2	0.2	0.1	0.1	0.1
SDDSC119	673.2	673.5	0.3	1.0	0.6	2.1
SDDSC119	673.5	673.9	0.4	0.1	0.0	0.1
SDDSC119	674.2	674.4	0.2	0.1	0.0	0.1
SDDSC119	675.2	675.3	0.1	0.1	0.1	0.3
SDDSC119	675.3	675.7	0.4	0.3	0.1	0.4
SDDSC119	675.7	676.0	0.3	1.0	0.3	1.5
SDDSC119	676.0	676.8	0.8	0.4	0.0	0.5
SDDSC119	676.8	677.1	0.4	3.3	0.5	4.2
SDDSC119	677.1	678.2	1.1	0.2	0.2	0.7
SDDSC119	678.2	678.5	0.3	1.8	1.0	3.7
SDDSC119	678.5	678.9	0.4	0.2	0.3	0.8

SDDSC119	678.9	680.2	1.3	0.1	0.0	0.1
SDDSC119	680.2	680.5	0.3	2.4	0.2	2.8
SDDSC119	680.5	681.0	0.5	0.8	0.1	0.9
SDDSC119	681.0	681.4	0.4	0.3	0.1	0.4
SDDSC119	681.4	681.8	0.4	0.7	0.5	1.6
SDDSC119	682.8	683.3	0.5	0.6	0.4	1.3
SDDSC119	683.3	683.7	0.4	0.6	0.2	1.1
SDDSC119	683.7	684.3	0.6	0.3	0.2	0.7
SDDSC119	684.3	685.0	0.7	0.4	0.0	0.4
SDDSC119	687.1	687.9	0.8	0.1	0.0	0.2
SDDSC119	687.9	688.8	0.9	0.1	0.0	0.1
SDDSC119	688.8	689.8	1.0	0.2	0.0	0.3
SDDSC119	691.0	691.3	0.3	0.5	1.2	2.7
SDDSC119	691.3	691.6	0.3	0.3	0.4	1.0
SDDSC119	691.6	692.1	0.5	4.4	0.4	5.2
SDDSC119	692.1	693.0	0.9	0.2	0.1	0.3
SDDSC119	693.0	693.5	0.5	0.1	0.0	0.1
SDDSC119	693.5	694.5	1.0	0.1	0.0	0.2
SDDSC119	697.9	698.3	0.4	0.2	0.0	0.2
SDDSC119	698.8	699.0	0.2	0.1	0.0	0.2
SDDSC119	700.1	700.2	0.2	16.4	0.8	18.0
SDDSC119	700.2	701.0	0.8	0.2	0.0	0.2
SDDSC119	701.0	702.0	1.0	1.9	0.0	1.9
SDDSC119	702.8	703.3	0.6	0.2	0.0	0.2
SDDSC119	704.1	704.3	0.2	4.8	0.9	6.6
SDDSC119	705.2	706.0	0.8	0.3	0.0	0.3
SDDSC119	706.9	707.3	0.4	10.1	0.4	10.9
SDDSC119	709.8	710.4	0.6	0.2	0.1	0.3
SDDSC119	710.4	710.9	0.5	2.9	0.4	3.6
SDDSC119	711.3	711.6	0.3	0.3	0.1	0.4
SDDSC119	713.0	713.3	0.4	0.1	0.1	0.2
SDDSC119	713.3	713.7	0.3	0.7	0.6	1.9
SDDSC119	713.7	714.4	0.8	0.1	0.0	0.1
SDDSC119	714.4	714.6	0.2	0.2	0.2	0.6
SDDSC119	714.6	714.9	0.3	0.1	0.0	0.1
SDDSC119	715.1	715.4	0.3	0.6	0.3	1.2
SDDSC119	731.9	732.2	0.3	0.5	0.7	1.7
SDDSC119	732.2	733.2	1.1	0.4	0.0	0.5
SDDSC119	733.2	733.8	0.6	0.2	0.0	0.3
SDDSC119	733.8	734.3	0.6	0.2	0.0	0.3
SDDSC119	734.3	734.8	0.5	1.4	1.3	3.7

SDDSC119	734.8	735.6	0.8	0.3	0.0	0.4
SDDSC119	735.6	736.0	0.5	0.5	0.0	0.6
SDDSC119	736.0	736.3	0.3	1.3	0.0	1.4
SDDSC119	736.3	737.0	0.7	0.3	0.0	0.3
SDDSC119	737.0	738.1	1.1	0.3	0.0	0.3
SDDSC119	740.1	741.1	1.1	0.3	0.0	0.3
SDDSC119	741.1	741.5	0.4	1.9	0.1	2.0
SDDSC119	742.5	742.9	0.4	1.0	0.0	1.0
SDDSC119	742.9	743.5	0.6	3.8	1.4	6.3
SDDSC119	743.5	744.0	0.5	0.3	0.0	0.3
SDDSC119	827.0	827.5	0.5	0.1	0.0	0.1
SDDSC119	830.5	830.6	0.2	0.4	0.0	0.4
SDDSC119	833.8	834.7	0.9	0.2	0.0	0.2
SDDSC119	834.7	835.3	0.6	0.6	0.0	0.7
SDDSC119	836.0	836.3	0.3	0.2	0.0	0.2
SDDSC119	836.3	836.7	0.4	0.2	0.0	0.2
SDDSC119	844.4	844.8	0.3	0.8	0.0	0.8
SDDSC119	844.8	845.7	1.0	0.3	0.0	0.4
SDDSC119	845.7	846.2	0.5	0.4	0.2	0.8
SDDSC119	846.2	846.5	0.3	0.7	1.0	2.6
SDDSC119	846.5	846.8	0.2	1.8	0.6	3.0
SDDSC119W1	610.5	611.0	0.5	1.1	2.3	5.4
SDDSC119W1	611.0	612.0	1.0	0.2	0.1	0.3
SDDSC119W1	612.0	612.4	0.5	1.8	0.7	3.2
SDDSC119W1	612.4	613.6	1.2	0.2	0.0	0.2
SDDSC119W1	613.6	613.9	0.3	1.8	1.1	3.9
SDDSC119W1	613.9	614.2	0.3	0.2	0.0	0.2
SDDSC119W1	614.2	614.5	0.3	3.3	0.1	3.3
SDDSC119W1	614.5	615.6	1.1	0.1	0.0	0.1
SDDSC119W1	615.6	616.0	0.4	0.2	0.0	0.2
SDDSC119W1	616.0	616.4	0.4	0.6	0.0	0.6
SDDSC119W1	616.4	616.8	0.4	2.1	0.1	2.2
SDDSC119W1	616.8	617.1	0.3	1.4	0.4	2.0
SDDSC119W1	617.1	618.0	0.9	0.2	0.0	0.2
SDDSC119W1	618.9	619.3	0.4	0.2	0.0	0.2
SDDSC119W1	619.3	619.9	0.6	0.3	0.0	0.4
SDDSC119W1	619.9	620.3	0.5	5.8	1.5	8.6
SDDSC119W1	620.3	621.0	0.7	8.9	0.8	10.5
SDDSC119W1	621.0	621.9	0.9	1.8	2.9	7.2
SDDSC119W1	621.9	622.7	0.8	0.7	0.1	0.9
SDDSC119W1	622.7	623.1	0.4	1.4	0.4	2.2

SDDSC119W1	623.1	623.5	0.4	0.5	0.0	0.5
SDDSC119W1	623.5	623.7	0.2	0.9	0.5	1.9
SDDSC119W1	623.7	624.9	1.2	0.6	0.1	0.7
SDDSC119W1	624.9	625.4	0.5	14.2	0.5	15.1
SDDSC119W1	625.4	625.7	0.3	0.3	0.0	0.3
SDDSC119W1	625.7	626.6	0.9	0.2	0.0	0.2
SDDSC119W1	626.6	627.1	0.5	0.1	0.0	0.1
SDDSC119W1	628.4	629.1	0.7	0.1	0.0	0.1
SDDSC119W1	629.1	629.7	0.6	0.2	0.0	0.2
SDDSC119W1	629.7	630.5	0.8	0.8	0.0	0.9
SDDSC119W1	631.9	632.3	0.4	1.1	0.5	2.1
SDDSC119W1	632.6	633.1	0.5	0.3	0.0	0.3
SDDSC119W1	636.4	636.7	0.3	0.7	0.0	0.8
SDDSC119W1	636.7	637.6	0.9	0.4	0.0	0.4
SDDSC119W1	638.5	639.3	0.8	0.1	0.0	0.1
SDDSC119W1	639.3	639.8	0.5	0.4	0.1	0.6
SDDSC119W1	640.5	641.1	0.6	0.7	0.0	0.8
SDDSC119W1	641.1	641.5	0.4	0.7	0.5	1.6
SDDSC119W1	641.5	642.3	0.8	0.2	0.0	0.2