27 October 2020

ACTIVITIES REPORT
SEPTEMBER QUARTER 2020

HIGHLIGHTS

- Development of the Karlawinda Gold Project (KGP) is proceeding as planned and is expected to culminate in first gold production in the June 2021 quarter.
- Considerable advancement during the quarter on the development of the KGP including:
    - Completion of CIL tank fabrication with top of tank steel work currently being installed;
    - Significant progress on concrete and civil earthworks including the completion of foundations for the ball mill and crushing circuit;
    - Orders placed for all processing equipment with some major equipment already delivered to site;
    - Continued progress on preparations for the construction of the gas lateral pipeline with piping dispatched from South Korea, expected to arrive by end of October 2020;
    - Mining services contract issued to MACA Mining Pty Ltd (MACA) with formal documentation executed in October 2020; and
    - Pre mining works completed including TSF preparation and access to clay pit for material for construction of the TSF.
- During the quarter $25.3 million was spent on KGP development with total project expenditure to date of $62.4 million (development budget $165-$170 million).
- Completion of placement to institutional investors in July 2020 of $32.3 million to increase process plant capacity to achieve annual production of 110,000 – 125,000 ounces per annum and to accelerate exploration activities.
- Cash at bank of $49.3 million at end of quarter with debt and bank guarantee facility of $100 million. Current available funding of $129.3 million representing a 23% contingency allowance at the midpoint of the forecast cost to complete of $102.6 – 107.6 million.
- Significant workflows planned for the December 2020 quarter include:
    - Continue structural and plate steel work installation;
    - Commence equipment installation;
    - Tender and award of the electrical and instrumentation installation contract; and
    - Commence contract mining with a focus on the construction of the ROM pad and TSF embankment.
- 20,000 metre exploration drill programme commenced during the quarter with Phase 1 programme completed.
- Soil sampling programme completed in July 2020 quarter across 538 square kilometres of regional exploration tenure has identified new areas of gold mineralisation for follow-up work.
- Commencement of high resolution aeromagnetic survey over the regional tenement package.
- Grade control drilling at Bibra validating reserve model, significant results include:
    - *14 metres @ 3.47g/t from 7 to 21m*
    - *16 metres @ 3.01g/t from 9 to 25m*
    - *17 metres @ 3.03g/t from 8 to 25m*
    - *17 metres @ 2.79g/t from 7 to 24m*

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SEPTEMBER 2020 QUARTER ACTIVITIES SUMMARY

Capricorn Metals Ltd (Capricorn) is constructing the wholly owned Karlawinda Gold Project (KGP) located 65 kilometres south-east of Newman in the Pilbara region of Western Australia.

Karlawinda Gold Project Development

As announced in July 2020, the final plant design has increased the processing plant capacity by up scaling and modifying equipment selection and associated structures in the crushing area of the plant. The throughput capacity in the final design is:

- Up to 4.5 – 5.0 mtpa in the oxide/fresh ore blend in the first 3 years; and
- Up to 4.0 - 4.5 mtpa in solely fresh rock ore in years four and beyond.

These throughput capacities are higher than the 3.5 – 4.0 mtpa previously reported and have allowed a refinement of the expected long-term production range to 110,000 – 125,000 ounces per annum (previously 105,000 – 120,000 ounces per annum).

The project development is proceeding as planned and is expected to culminate in first gold production in the June 2021 quarter.

During the quarter, the Company made significant progress on the development of the project as detailed below:



Accommodation Village

Installation of the 306-room accommodation village was completed during the quarter with the project's construction workforce occupying the village from April 2020.





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Engineering and Procurement

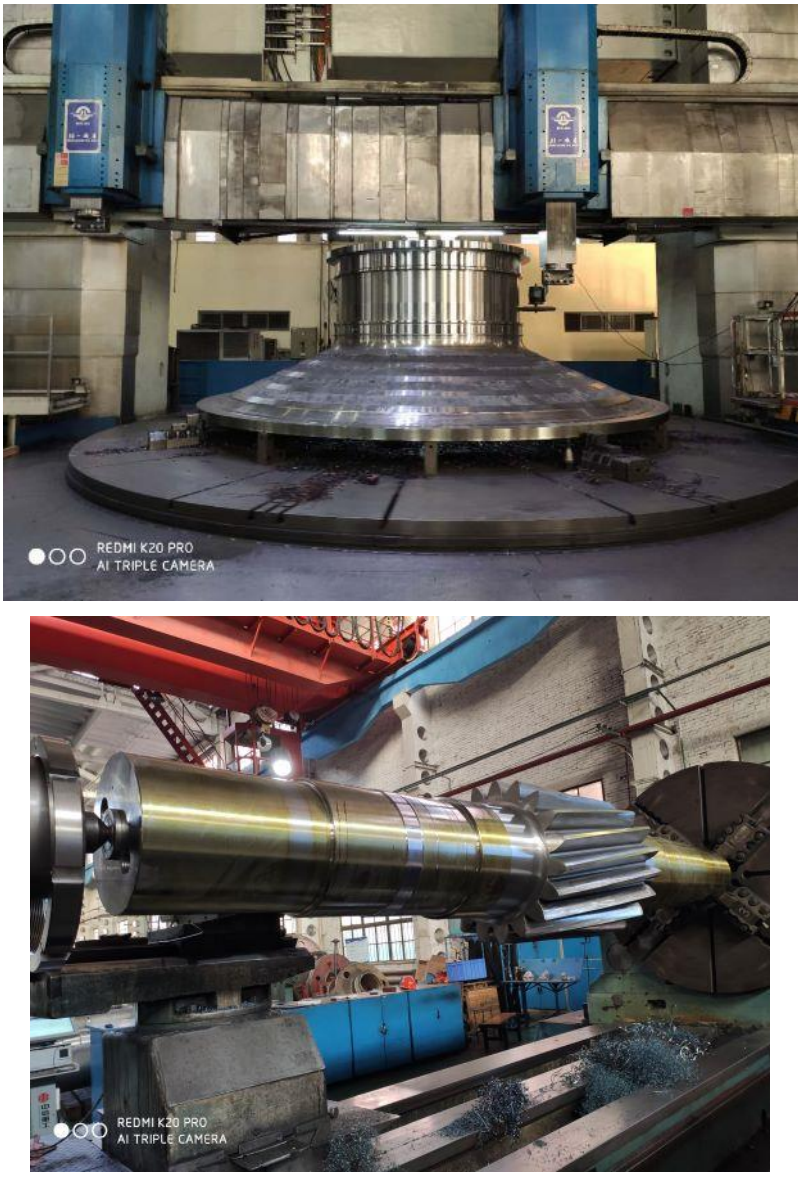
By the end of the quarter the mechanical and civil design work for the project was substantially complete. The electrical design is well advanced with the tender process for the electrical and instrumentation installation contract underway. Electrical installation is expected to commence in January 2021.

Equipment procurement was completed with all processing equipment now ordered. Several items arrived on site in the September 2020 quarter including the jaw crusher, intertank screens, electrowinning cells and rectifiers, calcine oven, weightometers and site administration office.

The line pipe for the gas lateral pipeline was ordered during the June 2020 quarter, dispatched from South Korea in September 2020 and is expected to arrive on site in November 2020.

Several structural and plate steel packages have arrived on site including top of tank steel, reclaim structural steel and chute, caustic soda tank and intertank steel packages.

Fabrication of the ball mill and cyclone tower was commenced during the quarter and is progressing to plan. It is expected that the ball mill will arrive on site as scheduled in the December 2020 quarter.



Ball mill head and pinion manufacture

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Site Access Road

Construction of the 44 kilometre site access road from the Great Northern Highway was completed in July 2020. Completion of the access road has significantly reduced travel time to Newman and will facilitate delivery of equipment and supplies during construction and operation.

Site Works

Construction of the processing plant continued in the September 2020 quarter with significant progress made in the current quarter including:

- Completion of CIL processing tank fabrication with top of tank steel installation nearing completion;
- Mill and fine ore stockpile tunnel foundations completed;
- Concrete foundations poured for three-stage crushing circuit including pads for the conveyor footings;
- Completion of the site maintenance office and stores shed;
- Commenced construction of the power station;
- Clearing and topsoiling of the plant site, Tailings Storage Facility (TSF) and first stage of the Integrated Waste Landform (IWL) was completed;
- Pre-mining activities commenced including gaining access to the clay pit for material for TSF construction;
- Grade control drilling of the Stage 1 Bibra open pit completed; and
- Completion of centreline and feature survey for the gas lateral pipeline.



CIL tank erection and top of tank steel installation

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CIL tank steelwork and painting



Fine ore stockpile and reclaim tunnel



Administration office, Maintenance workshop and stores shed

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Foundations for crushing circuit



Mobilisation of mining contractor



Foundations for power station

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Clearing and topsoil removal for the TSF/IWL

Earthmoving Contract

A tender process for the open pit mining and associated works contract was completed in the September 2020 quarter with MACA Mining Pty Ltd ("MACA") being awarded preferred mining contractor. Formal documentation was completed in October 2020. MACA was selected as preferred contractor based on its relevant experience in similar scale gold projects in Western Australia and the price competitiveness of its bid. The cost of the mining services contract is in line with Capricorn's budget for mining costs over the five year contract term.

Subsequent to the end of the quarter, MACA commenced mobilising mining equipment including two drill and blast rigs and the first of the excavators. It is anticipated that the first of the haul trucks will arrive in late October and contract mining will commence in November 2020.

Grade Control

A pre-production grade control drilling program in the order of 45,000 metres commenced during the quarter and is expected to be completed mid December 2020 quarter. This will define the whole of the laterite portion of the Ore Reserve allowing operational flexibility in the initial years of the mine life. Drilling has been conducted on a 12.5m by 12.5m pattern, selected based upon prior experience in similar laterite deposits. Results to date support the Ore Reserve instilling confidence in the mine plan. Significant results include;

- *14m @ 3.47g/t from 7m (bib_surf_00360)*
- *16m @ 3.01g/t from 9m (bib_surf_00376)*
- *17m @ 3.03g/t from 8m (bib_surf_00363)*
- *17m @ 2.79g/t from 7m (bib_surf_01096)*

Further details of the completed drilling are provided in Appendix 2.

Development Outlook - December 2020 Quarter

Development activities at KGP in the December 2020 quarter will include various key work streams being progressed including:

- Issuing further orders for structural and plate steel fabrication works;
- Complete concrete works;
- Continue structural steel installation including the completion of the top of tank steelwork and commencement of structures in the crushing, reclaim and milling areas;
- Commence installation of equipment in the leaching and adsorption areas;
- Complete the tender and award of the electrical and instrumentation installation contract; and
- Commence ROM pad and TSF embankment construction.

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Exploration

Capricorn wholly owns a 2,052 square kilometre tenement package at Karlawinda which includes the greenstone belt hosting the 2.1 million ounce Resource and 1.2 million ounce Reserve Bibra gold deposit and other significant greenstone areas.

Due to the location of the project, in the Pilbara region of Western Australia (a region not historically explored for gold), very little modern and meaningful gold exploration has been completed outside of the immediate Bibra deposit (Figure 1).

During the quarter Capricorn received consent from the Jigalong Community and the Minister for Mines and Petroleum to conduct exploration activities over tenements E52/3474 and E52/3533 which unlocks the Mundiwindi greenstone. Heritage surveys will commence in early 2021 which will enable initial aircore drilling in a completely unexplored area.

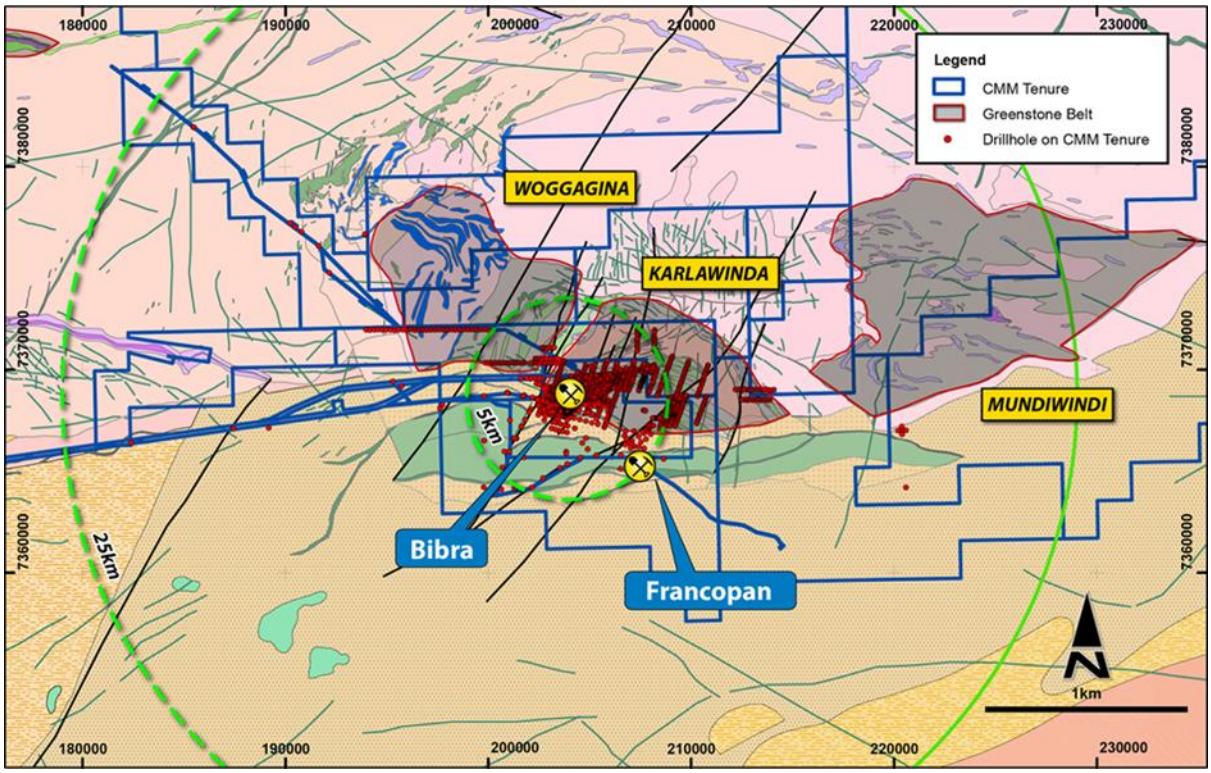


Figure 1: Capricorn drilling on CMM tenements surrounding the Bibra deposit

Soil Sampling

A soil sampling programme was completed in the June 2020 quarter across an area of 538 square kilometres of regional exploration tenure. A total of 2,475 samples were collected on a grid pattern ranging from 400m by 400m to 1600m by 400m. The final assessment of the results has identified new areas of gold mineralisation with several priority geochemical targets in all three zones sampled (Figure 2). Pleasingly these targets correlate with areas of mapped greenstone lithologies or geological structures. Priority targets can now be identified for follow-up work by correlating these results with other datasets including aeromagnetics.

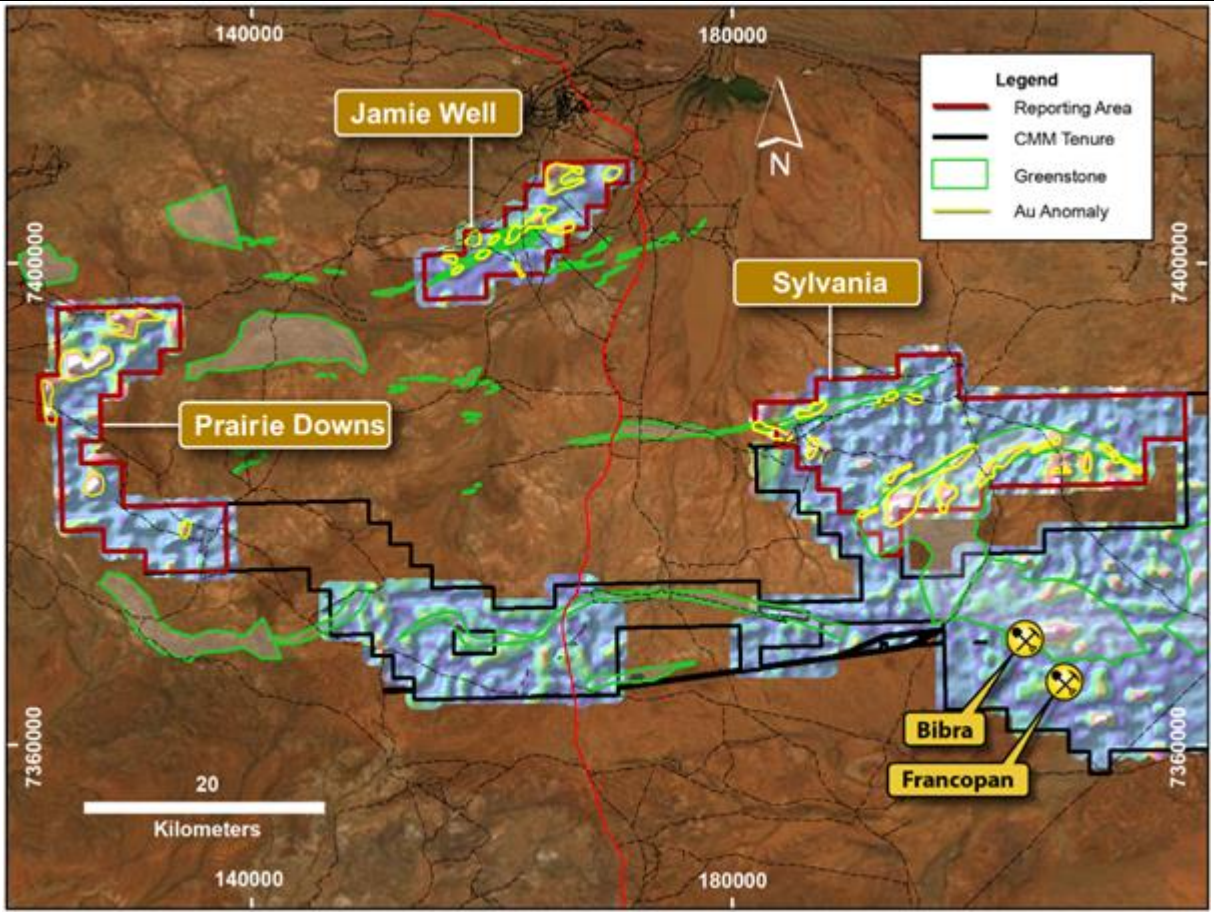


Figure 2: Soil sampling completed during last quarter with identified geochemical targets

Aircore Drilling Programme

A study of the geological, geophysical and geochemical datasets from Capricorn's exploration activities identified 8 high-quality targets within a 15 kilometre radius of the Karlawinda processing plant location. These 8 targets are located on geochemical anomalies with little to no historic drilling. The anomalies are in several cases coincident with major fault structures and geological contacts that contain gold mineralisation along strike and a 20,000 metre drill programme has been developed to test these targets.

An aircore (AC) drill rig was mobilised to site during the September 2020 quarter to drill an 11,000m AC drilling programme, which is a subset of the 20,000m total programme planned to test the 8 targets. The 11,000m (phase 1) programme falls within previously heritage cleared areas whilst a heritage survey over the remaining uncleared areas (phase 2) is currently being conducted. Figure 3 shows the phase 1 collar positions coloured by assay status. 93 AC holes have had assays returned whilst 106 AC holes and 20 reverse circulation water exploration holes are awaiting assays. Intercepts to date from the AC programme are;

- 3m @ 0.82g/t from 45m in KBAC1244
- 3m @ 0.42g/t from 30m in KBAC1257
- 3m @ 0.42g/t from 54m in KBAC1266

Further details of the completed drilling are provided in Appendix 2.

Roughly half of the AC results returned were from sterilisation drilling for infrastructure.

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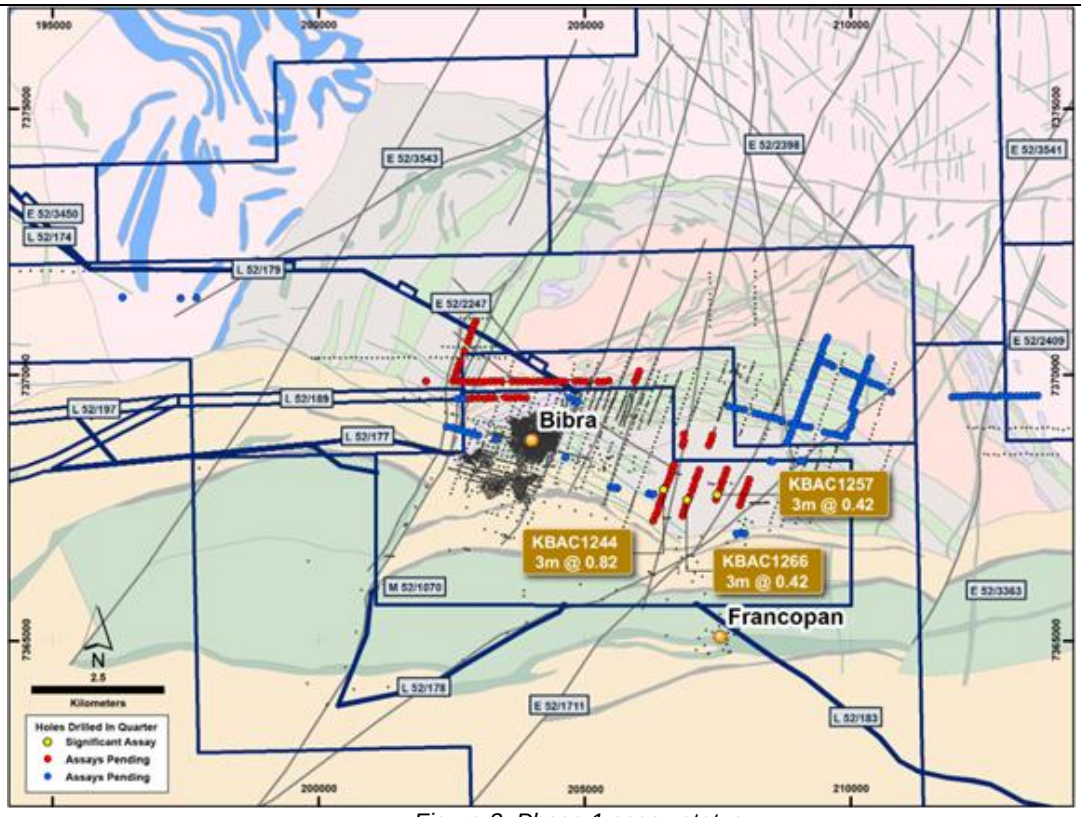


Figure 3: Phase 1 assay status

Aeromagnetic Survey

Capricorn commenced a high resolution (50m line spaced) aeromagnetic survey over the regional tenement package (~36,000 line kilometres) in September 2020 and is expected to be completed during the December 2020 quarter. Currently Capricorn only has high resolution surveys over the project area (Bibra) and Mundiwindi, with the remainder of the tenement package being 200m line spaced open file surveys. The new survey will be merged with the existing detailed surveys to create a complete detailed image of the whole tenement package. This will allow detailed structural and lithological interpretation which can then be used as a framework for target generation.

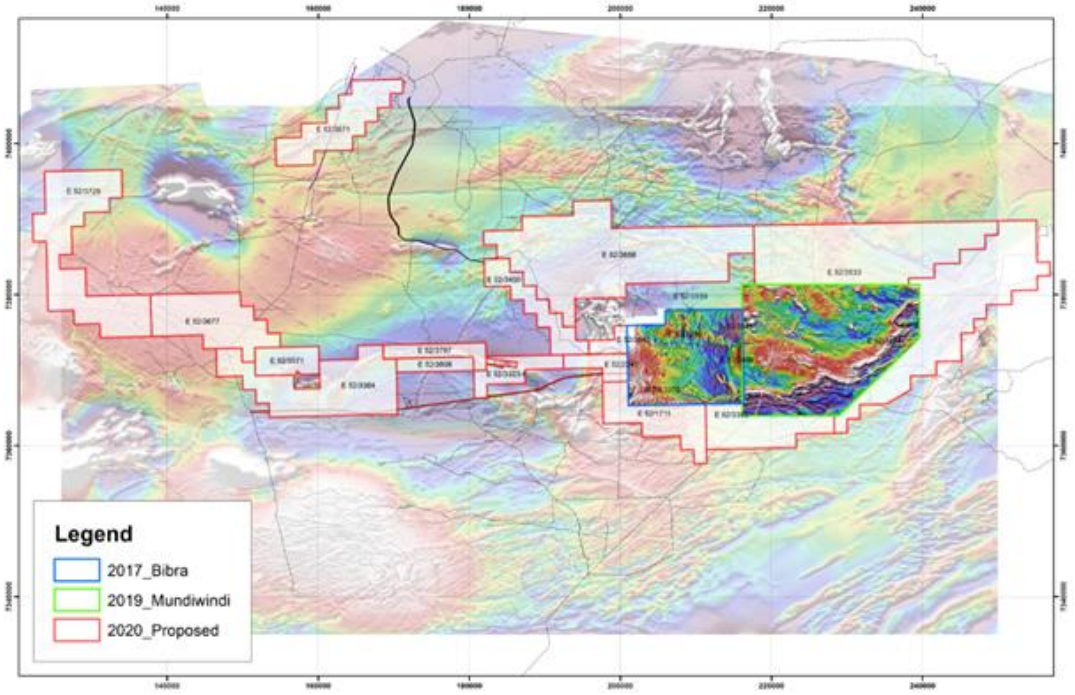


Figure 4: Aeromagnetic survey

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Corporate

Financing

In July 2020 the Company completed a placement to institutional investors raising $32.3 million (before costs) to fund the development of the KGP. The proceeds of the placement will be partly used to fund the additional costs to construct the project after the final design process identified that by upscaling and modifying equipment selection in the crushing and grinding circuit, the processing plant has the capacity to achieve throughput of:

- Up to 4.5 – 5.0 mtpa in the oxide/fresh ore blend in the first 3 years; and
- Up to 4.0 - 4.5 mtpa in solely fresh rock ore in years four and beyond.

The placement funds will also be used to construct an on-site airstrip and to accelerate exploration activities across the Company's underexplored tenement package.

At the end of the September 2020 quarter, Capricorn had $49.3 million in cash. On 20 October 2020 the Company announced it had satisfied all conditions precedent to commence draw down on the $80 million debt facility with Macquarie Bank. To the end of September 2020 the total project development expenditure was $62.4 million leaving a balance of between $102.6 - $107.6 forecast spend to complete the project. With the current cash position of $49.3 million and the $80 million debt facility, the Company's current total available funding is $129.3 million representing a 23% contingency allowance at the midpoint of the forecast cost to complete.

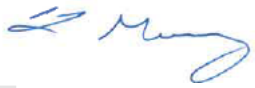
During the September 2020 quarter the Company utilised a further $10 million of the $20 million bank guarantee facility to take the total draw-down on the guarantee facility to $12.5 million. This guarantee was provided to APA in relation to the construction of the gas lateral pipeline to the KGP.

During the quarter, payments to related parties of Capricorn and their associates (being the Company's directors) totalled $141,365. The payments were remuneration for their roles, including superannuation.

Tenements

A full listing of the Company's current tenement holdings, as at the date of this release, is included as Appendix 1.

For and on behalf of the Board



Kim Massey
Chief Executive Officer

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Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled or reviewed by Mr. Jarrad Price who is a full-time employee of the Company. Mr. Price is a current Member of the Australian Institute of Mining and Metallurgy and has sufficient experience, which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Price consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to the Company's Resources and Ore Reserves is extracted from the ASX announcement released on 17 April 2020 entitled "Gold Reserves Increase 35% to 1.2 Million Ounces". Competent Person's consents were obtained for the announcement.

The reports are available to view on the ASX website and on the Company's website at www.capmetals.com.au . The Company confirms it is not aware of any new information or data that materially affects the information included in the original market announcement, and, in the case of estimates of Mineral Resources and Ore Reserves, that all market assumptions and technical assumptions underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

The Competent Person's consents remain in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by subsequent report and accompanying consent.

Forward Looking Statements

This announcement may contain certain "forward-looking statements" which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation of belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. The detailed reasons for that conclusion are outlined throughout this announcement and all material assumptions are disclosed.

However, forward looking statements are subject to risks, uncertainties, assumptions and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements.

Such risks include, but are not limited to resource risk, metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as governmental regulation and judicial outcomes.

For a more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other filings. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publicly any revisions to any "forward looking statement" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

APPENDIX 1 – TENEMENT SCHEDULE

Australia:

Lease	Project	Company	Blocks [1]	Status	Date of Grant/ Application	Expiry
Tenements						
E52/1711	Karlawinda	Greenmount	33	Granted	05/08/2004	04/08/2020
E52/2247	Karlawinda	Greenmount	16	Granted	21/07/2009	20/07/2021
E52/2398	Karlawinda	Greenmount	15	Granted	28/04/2010	27/04/2022
E52/2409	Karlawinda	Greenmount	8	Granted	15/06/2010	14/06/2022
E52/3323	Karlawinda	Greenmount	11	Granted	11/03/2016	10/03/2021
E52/3363	Karlawinda	Greenmount	36	Granted	13/01/2017	12/01/2022
E52/3364	Karlawinda	Greenmount	44	Granted	07/03/2017	06/03/2022
E52/3450	Karlawinda	Greenmount	16	Granted	13/01/2017	12/01/2022
E52/3474	Karlawinda	Greenmount	128	Granted	03/07/2017	02/07/2022
E52/3533	Karlawinda	Greenmount	109	Granted	06/11/2018	05/11/2023
E52/3541	Karlawinda	Greenmount	7	Granted	28/03/2018	27/03/2023
E52/3543	Karlawinda	Greenmount	8	Granted	28/03/2018	27/03/2023
E52/3571	Karlawinda	Greenmount	10	Granted	18/09/2018	17/09/2023
E52/3656	Karlawinda	Greenmount	94	Granted	24/08/2018	17/02/2025
E52/3671	Karlawinda	Greenmount	26	Granted	02/07/2019	01/072024
E52/3677	Karlawinda	Greenmount	31	Granted	16/07/2020	15/07/2025
E52/3729	Karlawinda	Greenmount	51	Granted	17/02/2020	16/02/2025
E52/3797	Karlawinda	Greenmount	9	Granted	06/08/2020	05/08/2025
E52/3808	Karlawinda	Greenmount	6	Application	26/03/2020	-
Total Blocks			**658**			
Miscellaneous Licences						
L52/174	Karlawinda	Greenmount	22.17 ha	Granted	18/04/2018	17/04/2039
L52/177	Karlawinda	Greenmount	12.20 ha	Granted	08/12/2017	07/12/2038
L52/178	Karlawinda	Greenmount	21.41 ha	Granted	08/12/2017	07/12/2038
L52/179	Karlawinda	Greenmount	127.83 ha	Granted	28/05/2018	27/05/2039
L52/181	Karlawinda	Greenmount	1.00 ha	Granted	18/04/2018	17/04/2039
L52/183	Karlawinda	Greenmount	28.46 ha	Granted	03/05/2018	2/05/2039
L52/189	Karlawinda	Greenmount	1258 ha	Granted	10/04/2019	10/04/2040
L52/192	Karlawinda	Greenmount	220 ha	Granted	16/05/2018	28/09/2039
L52/197	Karlawinda	Greenmount	173ha	Granted	10/04/2019	10/04/2040
Mining Lease						
M52/1070	Karlawinda	Greenmount	2975.07 ha	Granted	23/11/2016	22/11/2037

Note:

1. The area measurement for one block can vary between 2.8 – 3.2 km^2

Madagascar:

Title Number	Permit Type	Grant Date	Expiry Date	Term (Years)	Project Name	Total Carres (New - 0.391km2)	Interest %	Note
25095	PE	18-Jan-07	17-Jan-47	**40**	Ampanihy - Maniry	48	100%	1
Total Carres						**608**		

Note:

1. Leased to SQNY – Royalty and partial tenement fees payable to subsidiary Mada-Aust SARL.

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APPENDIX 2 – SIGINIFICANT RESULTS

AIRCORE DRILLING PROGRAMME

Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	Total Depth (m)	From	To	Intersection
KBAC1238	206286	7367265	590	-60	195	37			NSA
KBAC1239	206327	7367362	590	-90	195	27			NSA
KBAC1240	206395	7367551	590	-90	195	37			NSA
KBAC1241	206373	7367450	590	-90	195	61			NSA
KBAC1242	206432	7367646	590	-60	195	53			NSA
KBAC1243	206462	7367729	590	-60	195	50			NSA
KBAC1244	206502	7367840	590	-60	195	53	45	48	3m @ 0.82
KBAC1245	206535	7367923	590	-60	195	50			NSA
KBAC1246	206573	7368018	590	-60	195	58			NSA
KBAC1247	206608	7368111	590	-60	195	56			NSA
KBAC1248	206636	7368209	590	-60	195	59			NSA
KBAC1249	206679	7368303	590	-60	195	54			NSA
KBAC1250	207915	7367553	590	-60	195	53			NSA
KBAC1251	207945	7367657	590	-60	195	41			NSA
KBAC1252	207981	7367755	590	-60	195	44			NSA
KBAC1253	208021	7367841	590	-60	195	54			NSA
KBAC1254	208058	7367937	590	-60	195	53			NSA
KBAC1255	208092	7368033	590	-60	195	56			NSA
KBAC1256	207466	7367659	590	-60	195	50			NSA
KBAC1257	207492	7367746	590	-60	195	61	30	33	3m @ 0.42
KBAC1258	207540	7367845	590	-60	195	64			NSA
KBAC1259	207570	7367947	590	-60	195	48			NSA
KBAC1260	207595	7368030	590	-60	195	54			NSA
KBAC1261	207633	7368124	590	-60	195	59			NSA
KBAC1262	207666	7368217	590	-60	195	48			NSA
KBAC1263	206838	7367360	590	-60	195	47			NSA
KBAC1264	206862	7367454	590	-60	195	59			NSA
KBAC1265	206896	7367544	590	-60	195	65			NSA
KBAC1266	206938	7367643	590	-60	195	62	54	57	3m @ 0.42
KBAC1267	206975	7367724	590	-60	195	62			NSA
KBAC1268	207013	7367833	590	-60	195	62			NSA
KBAC1269	207050	7367925	590	-60	195	67			NSA
KBAC1270	207083	7368039	590	-60	195	45			NSA
KBAC1271	207119	7368114	590	-60	195	53			NSA
KBAC1272	207151	7368213	590	-60	195	44			NSA
KBAC1273	203898	7369572	590	-60	90	73			NSA
KBAC1274	203799	7369573	590	-60	90	77			NSA
KBAC1275	203698	7369574	590	-60	90	59			NSA
KBAC1276	203601	7369572	590	-60	90	62			NSA
KBAC1277	203510	7369574	590	-60	90	55			NSA
KBAC1278	203299	7369572	590	-60	90	36			NSA
KBAC1279	203202	7369570	590	-60	90	44			NSA
KBAC1280	203110	7369564	590	-60	90	54			NSA
KBAC1281	202998	7369565	590	-60	90	50			NSA
KBAC1282	202892	7369559	590	-60	90	58			NSA
KBAC1283	202807	7369554	590	-60	90	57			NSA
KBAC1284	205450	7369891	590	-60	90	62			NSA
KBAC1285	205348	7369874	590	-60	90	37			NSA
KBAC1286	205251	7369877	590	-60	90	31			NSA
KBAC1287	205021	7369875	590	-60	90	34			NSA
KBAC1288	204922	7369878	590	-60	90	70			NSA

KBAC1289	204823	7369884	590	-60	90	77			NSA
KBAC1290	204622	7369875	590	-60	90	56			NSA
KBAC1291	204534	7369883	590	-60	90	68			NSA
KBAC1292	204423	7369883	590	-60	90	36			NSA
KBAC1293	204320	7369876	590	-60	90	75			NSA
KBAC1294	204232	7369883	590	-60	90	69			NSA
KBAC1295	204126	7369886	590	-60	90	95			NSA
KBAC1296	204023	7369874	590	-60	90	84			NSA
KBAC1297	203926	7369878	590	-60	90	48			NSA
KBAC1298	203826	7369882	590	-60	90	49			NSA
KBAC1299	203723	7369882	590	-60	90	65			NSA
KBAC1300	203632	7369880	590	-60	90	39			NSA
KBAC1301	203430	7369878	590	-60	90	49			NSA
KBAC1302	203321	7369882	590	-60	90	51			NSA
KBAC1303	203225	7369884	590	-60	90	53			NSA
KBAC1304	203121	7369877	590	-60	90	52			NSA
KBAC1305	203025	7369874	590	-60	90	58			NSA
KBAC1306	202920	7369874	590	-60	90	56			NSA
KBAC1307	202823	7369875	590	-60	90	61			NSA
KBAC1308	202722	7369873	590	-60	90	67			NSA
KBAC1309	202626	7369880	590	-60	90	62			NSA
KBAC1310	202526	7369879	590	-60	90	47			NSA
KBAC1311	202018	7369879	590	-60	90	37			NSA
KBAC1312	202946	7370998	590	-60	90	62			NSA
KBAC1313	202908	7370920	590	-90	0	70			NSA
KBAC1314	202874	7370820	590	-90	0	62			NSA
KBAC1315	202840	7370722	590	-90	0	57			NSA
KBAC1316	202807	7370631	590	-90	0	64			NSA
KBAC1317	202734	7370450	590	-90	0	64			NSA
KBAC1318	202667	7370258	590	-90	0	100			NSA
KBAC1319	202628	7370168	590	-90	0	62			NSA
KBAC1320	202591	7370067	590	-90	0	68			NSA
KBAC1321	202563	7369976	590	-90	0	71			NSA
KBAC1322	205951	7369886	590	-60	195	38			NSA
KBAC1323	205987	7369978	590	-60	195	26			NSA
KBAC1324	206027	7370071	590	-60	195	49			NSA
KBAC1325	206833	7368678	590	-60	195	59			NSA
KBAC1326	206866	7368760	590	-60	195	63			NSA
KBAC1327	206865	7368878	590	-60	195	67			NSA
KBAC1328	207332	7368675	590	-60	195	36			NSA
KBAC1329	207368	7368769	590	-60	195	49			NSA
KBAC1330	207395	7368869	590	-60	195	44			NSA

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00004	204437.91	7369148.07	591.96	-60	105	5	7	2 @ 1.19
BIB_SURF_00005	204425.83	7369151.59	592.03	-60	105	5	7	2 @ 1.11
BIB_SURF_00006	204414.696	7369154.64	592.04	-60	105	2	4	2 @ 1.03
BIB_SURF_00007	204401.893	7369157.87	592.07	-60	105	2	3	1 @ 0.49
BIB_SURF_00008	204389.707	7369161.22	592.07	-60	105	1	2	1 @ 0.82
BIB_SURF_00012	204434.908	7369136.42	591.98	-60	105	4	7	3 @ 0.82
BIB_SURF_00013	204422.693	7369139.78	591.98	-60	105	5	6	1 @ 0.40
BIB_SURF_00014	204410.65	7369142.97	592.01	-60	105	3	5	2 @ 1.20
BIB_SURF_00019	204443.771	7369121.16	591.95	-60	105	14	15	1 @ 0.67
BIB_SURF_00021	204419.676	7369127.66	592	-60	105	4	7	3 @ 0.78
BIB_SURF_00022	204407.785	7369130.64	591.96	-60	105	4	5	1 @ 0.96
BIB_SURF_00023	204395.749	7369133.75	592.01	-60	105	2	4	2 @ 0.87
BIB_SURF_00025	204464.671	7369102.55	591.95	-60	105	13	14	1 @ 0.83
BIB_SURF_00027	204440.872	7369108.84	591.92	-60	105	8	9	1 @ 0.48
BIB_SURF_00028	204428.765	7369112.35	591.98	-60	105	7	8	1 @ 0.50
BIB_SURF_00029	204416.534	7369115.63	591.92	-60	105	5	6	1 @ 0.51
BIB_SURF_00030	204404.722	7369118.94	591.99	-60	105	5	7	2 @ 0.54
BIB_SURF_00031	204392.463	7369121.95	591.97	-60	105	3	5	2 @ 0.76
BIB_SURF_00033	204182.314	7369177.87	592.72	-60	105	10	12	2 @ 1.33
						21	22	1 @ 0.44
BIB_SURF_00034	204170.582	7369181.13	592.68	-60	105	14	16	2 @ 1.75
						21	22	1 @ 2.44
BIB_SURF_00035	204159.638	7369184.21	592.76	-60	105	15	17	2 @ 0.59
BIB_SURF_00037	204473.206	7369086.96	591.84	-60	105	7	8	1 @ 0.80
						12	13	1 @ 0.86
BIB_SURF_00040	204437.304	7369096.71	591.93	-60	105	5	6	1 @ 0.41
BIB_SURF_00044	204389.42	7369109.52	591.94	-60	105	5	6	1 @ 1.79
BIB_SURF_00045	204178.841	7369165.69	592.69	-60	105	25	26	1 @ 0.57
BIB_SURF_00046	204167.293	7369169.57	592.76	-60	105	20	27	7 @ 0.54
BIB_SURF_00048	204142.793	7369175.57	592.94	-60	105	23	24	1 @ 1.72
BIB_SURF_00049	204132.351	7369178.49	593	-60	105	24	26	2 @ 1.11
BIB_SURF_00051	204518.506	7369062	591.59	-60	105	3	8	5 @ 0.27
BIB_SURF_00055	204470.207	7369075.4	591.72	-60	105	12	13	1 @ 0.73
BIB_SURF_00056	204458.108	7369078.19	591.79	-60	105	11	12	1 @ 0.57
BIB_SURF_00057	204446.071	7369081.39	591.84	-60	105	7	8	1 @ 0.79
BIB_SURF_00059	204422.251	7369088.11	591.77	-60	105	8	9	1 @ 0.41
BIB_SURF_00060	204410.044	7369091.16	591.88	-60	105	7	10	3 @ 0.88
BIB_SURF_00061	204397.894	7369094.51	591.89	-60	105	6	8	2 @ 0.68
						14	15	1 @ 0.51
BIB_SURF_00062	204386.213	7369097.67	591.89	-60	105	5	6	1 @ 0.67
						13	15	2 @ 0.81
BIB_SURF_00064	204151.391	7369159.98	592.82	-60	105	16	19	3 @ 0.86
BIB_SURF_00069	204539.333	7369043.57	591.43	-60	105	8	10	2 @ 0.44
						20	23	3 @ 0.55
BIB_SURF_00070	204527.758	7369046.59	591.4	-60	105	14	15	1 @ 0.46
BIB_SURF_00073	204491.508	7369056.49	591.64	-60	105	7	8	1 @ 0.54
BIB_SURF_00074	204478.971	7369059.69	591.83	-60	105	7	10	3 @ 0.64
BIB_SURF_00075	204466.928	7369062.97	591.74	-60	105	11	12	1 @ 0.40
BIB_SURF_00076	204455.224	7369066.1	591.79	-60	105	6	13	7 @ 0.44
BIB_SURF_00077	204442.92	7369069.23	591.73	-60	105	9	13	4 @ 0.56
BIB_SURF_00078	204431.073	7369072.36	591.78	-60	105	9	10	1 @ 1.05
						18	19	1 @ 0.41
BIB_SURF_00080	204406.902	7369078.98	591.8	-60	105	5	6	1 @ 0.70
						10	11	1 @ 0.42
BIB_SURF_00086	204548.262	7369028.35	591.46	-60	105	7	14	7 @ 0.46
BIB_SURF_00087	204535.883	7369031.4	591.5	-60	105	7	11	4 @ 0.29
BIB_SURF_00088	204524.298	7369034.56	591.4	-60	105	7	8	1 @ 0.40
BIB_SURF_00089	204512.315	7369037.86	591.42	-60	105	6	7	1 @ 0.46
						17	18	1 @ 0.75

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00090	204500.008	7369041.21	591.41	-60	105	12	14	2 @ 1.14
BIB_SURF_00091	204488.001	7369044.38	591.56	-60	105	7	11	4 @ 1.02
BIB_SURF_00092	204475.851	7369047.72	591.65	-60	105	8	11	3 @ 0.76
BIB_SURF_00093	204463.705	7369050.88	591.7	-60	105	8	13	5 @ 0.39
BIB_SURF_00094	204451.74	7369054.18	591.7	-60	105	5	12	7 @ 0.46
BIB_SURF_00095	204439.65	7369057.32	591.74	-60	105	6	10	4 @ 0.95
BIB_SURF_00096	204427.337	7369060.71	591.79	-60	105	5	7	2 @ 0.66
						17	18	1 @ 0.42
BIB_SURF_00097	204415.568	7369063.63	591.76	-60	105	4	9	5 @ 0.35
BIB_SURF_00098	204403.354	7369067.15	591.8	-60	105	4	5	1 @ 0.44
BIB_SURF_00099	204391.571	7369070.2	591.79	-60	105	3	5	2 @ 1.05
BIB_SURF_00100	204545.296	7369016.18	591.39	-60	105	7	14	7 @ 0.38
BIB_SURF_00103	204509.227	7369025.54	591.43	-60	105	7	8	1 @ 0.49
						13	16	3 @ 1.34
BIB_SURF_00104	204497.117	7369028.77	591.49	-60	105	7	11	4 @ 0.37
BIB_SURF_00105	204485.24	7369032.21	591.48	-60	105	9	11	2 @ 0.43
BIB_SURF_00106	204472.82	7369035.68	591.63	-60	105	8	10	2 @ 1.56
						15	16	1 @ 0.49
BIB_SURF_00107	204460.657	7369038.88	591.65	-60	105	9	12	3 @ 0.69
BIB_SURF_00108	204448.716	7369041.92	591.49	-60	105	5	11	6 @ 0.59
BIB_SURF_00109	204436.494	7369045.2	591.46	-60	105	5	6	1 @ 0.70
						24	25	1 @ 0.45
BIB_SURF_00110	204424.512	7369048.34	591.42	-60	105	4	6	2 @ 0.75
BIB_SURF_00111	204412.441	7369051.71	591.46	-60	105	3	6	3 @ 1.21
BIB_SURF_00112	204400.302	7369055.13	591.39	-60	105	3	4	1 @ 0.45
BIB_SURF_00113	204388.447	7369058.42	591.5	-60	105	2	4	2 @ 0.8
BIB_SURF_00114	204548.625	7369002.23	591.44	-60	105	10	14	4 @ 0.52
BIB_SURF_00115	204524.472	7369008.84	591.46	-60	105	15	16	1 @ 0.48
BIB_SURF_00116	204512.586	7369011.82	591.38	-60	105	6	15	9 @ 0.42
BIB_SURF_00117	204500.306	7369015.27	591.41	-60	105	10	17	7 @ 1.69
BIB_SURF_00118	204476.515	7369021.63	591.36	-60	105	8	12	4 @ 1.17
						21	22	1 @ 0.50
BIB_SURF_00119	204464.035	7369024.88	591.59	-60	105	6	14	8 @ 0.56
BIB_SURF_00120	204451.897	7369028.12	591.58	-60	105	7	13	6 @ 0.53
BIB_SURF_00121	204430.207	7369033.87	591.68	-60	105	5	12	7 @ 0.43
						18	19	1 @ 0.44
BIB_SURF_00122	204418.847	7369037.15	591.7	-60	105	4	9	5 @ 0.61
BIB_SURF_00123	204407.145	7369040.34	591.71	-60	105	3	6	3 @ 1.01
BIB_SURF_00124	204384.575	7369046.09	591.74	-60	105	8	10	2 @ 0.86
BIB_SURF_00125	204537.054	7368992.5	591.31	-60	105	7	12	5 @ 0.39
						17	18	1 @ 0.45
BIB_SURF_00126	204524.752	7368995.61	591.45	-60	105	14	15	1 @ 1.10
BIB_SURF_00127	204512.691	7368998.91	591.34	-60	105	13	15	2 @ 1.13
BIB_SURF_00128	204500.695	7369002.3	591.35	-60	105	7	8	1 @ 0.85
						12	15	3 @ 1.31
BIB_SURF_00129	204488.576	7369005.36	591.43	-60	105	7	14	7 @ 1.01
BIB_SURF_00130	204476.167	7369008.74	591.49	-60	105	8	20	12 @ 1.55
BIB_SURF_00131	204464.447	7369011.83	591.57	-60	105	8	10	2 @ 1.11
						17	21	4 @ 0.41
BIB_SURF_00132	204452.194	7369015.24	591.57	-60	105	6	11	5 @ 0.72
						17	20	3 @ 0.70
BIB_SURF_00133	204440.356	7369018.4	591.6	-60	105	5	9	4 @ 1.15
BIB_SURF_00134	204427.946	7369021.4	591.67	-60	105	5	15	10 @ 0.45
BIB_SURF_00135	204415.94	7369024.85	591.67	-60	105	4	11	7 @ 0.45
BIB_SURF_00136	204403.706	7369027.97	591.68	-60	105	12	14	2 @ 0.61
BIB_SURF_00137	204391.729	7369031.44	591.73	-60	105	2	9	7 @ 0.67
BIB_SURF_00138	204379.576	7369034.59	591.71	-60	105	3	4	1 @ 0.58
BIB_SURF_00141	204496.302	7368990.32	591.31	-60	105	9	17	8 @ 0.77
BIB_SURF_00142	204471.905	7368996.98	591.46	-60	105	8	13	5 @ 1.89
						18	20	2 @ 0.45
BIB_SURF_00143	204448.927	7369003.01	591.5	-60	105	6	10	4 @ 1.08
BIB_SURF_00144						4	6	2 @ 0.86

Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
	204424.538	7369009.92	591.63	-60	105	13	14	1 @ 0.40
BIB_SURF_00145	204400.607	7369016.2	591.67	-60	105	3	9	6 @ 0.73
BIB_SURF_00147	204526.242	7368969.49	591.24	-60	105	9	10	1 @ 0.44
BIB_SURF_00148	204514.456	7368972.6	591.27	-60	105	8	9	1 @ 0.56
						16	17	1 @ 0.43
BIB_SURF_00149	204501.76	7368975.75	591.29	-60	105	6	7	1 @ 1.20
	204501.76	7368975.75	591.29	-60	105	15	19	4 @ 0.55
BIB_SURF_00150	204490.042	7368979.28	591.27	-60	105	7	13	6 @ 0.94
BIB_SURF_00151						9	14	5 @ 2.15
	204478.02	7368982.36	591.28	-60	105	18	24	6 @ 0.43
BIB_SURF_00152	204464.753	7368986.06	591.37	-60	105	8	24	16 @ 1.03
BIB_SURF_00153	204453.687	7368989.1	591.38	-60	105	7	9	2 @ 1.24
						13	19	6 @ 0.68
						23	25	2 @ 1.00
BIB_SURF_00154	204441.796	7368992.24	591.51	-60	105	6	9	3 @ 0.93
						16	17	1 @ 0.45
BIB_SURF_00155	204429.454	7368995.39	591.53	-60	105	5	9	4 @ 1.96
						13	14	1 @ 0.43
BIB_SURF_00156	204417.543	7368998.75	591.57	-60	105	4	12	8 @ 1.23
						22	23	1 @ 0.71
BIB_SURF_00157	204405.26	7369001.88	591.57	-60	105	4	13	9 @ 0.74
						17	18	1 @ 0.51
BIB_SURF_00158	204393.425	7369005.13	591.54	-60	105	3	9	6 @ 0.70
						13	14	1 @ 1.27
BIB_SURF_00159	204381.31	7369008.37	591.65	-60	105	14	15	1 @ 0.55
BIB_SURF_00160	204369.859	7369011.43	591.64	-60	105	3	4	1 @ 0.76
BIB_SURF_00163	204514.932	7368959.44	591.22	-60	105	7	9	2 @ 0.54
						17	19	2 @ 0.63
BIB_SURF_00164	204489.671	7368966.21	591.26	-60	105	10	18	8 @ 1.40
BIB_SURF_00165	204464.083	7368973.23	591.31	-60	105	7	21	14 @ 1.56
BIB_SURF_00166	204441.698	7368979.31	591.4	-60	105	5	15	10 @ 0.99
BIB_SURF_00167	204418.185	7368985.54	591.35	-60	105	4	25	21 @ 1.05
BIB_SURF_00168	204393.321	7368992.42	591.48	-60	105	3	7	4 @ 1.15
						12	16	4 @ 0.64
BIB_SURF_00169	204367.667	7368998.92	591.57	-60	105	2	18	16 @ 0.97
BIB_SURF_00170	204341.582	7369005.91	591.48	-60	105	1	2	1 @ 0.57
						11	13	2 @ 1.00
BIB_SURF_00173	204499	7368951.08	591.27	-60	105	7	17	10 @ 0.71
BIB_SURF_00174	204486.36	7368954.16	591.23	-60	105	10	18	8 @ 1.46
BIB_SURF_00175	204474.455	7368957.32	591.3	-60	105	10	18	8 @ 1.82
BIB_SURF_00176	204462.758	7368960.67	591.23	-60	105	7	20	13 @ 2.42
BIB_SURF_00177	204450.352	7368963.73	591.3	-60	105	7	10	3 @ 2.18
						14	23	9 @ 0.63
BIB_SURF_00178	204438.643	7368966.97	591.31	-60	105	6	16	10 @ 1.31
						21	22	1 @ 0.40
BIB_SURF_00179	204426.081	7368970.41	591.38	-60	105	5	17	12 @ 0.94
BIB_SURF_00180	204414.173	7368973.67	591.38	-60	105	5	18	13 @ 0.7
BIB_SURF_00181	204402.111	7368976.89	591.5	-60	105	4	16	12 @ 0.42
BIB_SURF_00182	204389.897	7368980.18	591.56	-60	105	3	18	15 @ 0.74
BIB_SURF_00183	204377.956	7368983.41	591.51	-60	105	10	16	6 @ 0.65
BIB_SURF_00184	204365.83	7368986.59	591.48	-60	105	3	4	1 @ 0.98
BIB_SURF_00186	204341.925	7368992.97	591.49	-60	105	1	2	1 @ 0.46
BIB_SURF_00187	204507.807	7368935.37	591.14	-60	105	9	14	5 @ 0.29
						21	22	1 @ 1.13
BIB_SURF_00188	204484.298	7368941.47	591.23	-60	105	8	15	7 @ 0.95
BIB_SURF_00189	204459.791	7368948.09	591.24	-60	105	9	23	14 @ 1.06
BIB_SURF_00190	204433.274	7368955.43	591.28	-60	105	7	12	5 @ 0.62
						18	23	5 @ 0.65
BIB_SURF_00191	204409.021	7368962.01	591.35	-60	105	5	8	3 @ 0.80
BIB_SURF_00192	204396.913	7368965.43	591.38	-60	105	4	6	2 @ 0.53
BIB_SURF_00193	204384.984	7368968.58	591.46	-60	105	4	9	5 @ 0.53
						14	15	1 @ 0.82

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00194	204362.732	7368974.36	591.47	-60	105	2	4	2 @ 0.56
						8	9	1 @ 0.50
BIB_SURF_00195	204350.854	7368977.77	591.45	-60	105	3	6	3 @ 0.72
BIB_SURF_00196	204338.891	7368980.83	591.58	-60	105	4	5	1 @ 0.47
						24	25	1 @ 0.42
BIB_SURF_00197	204531.447	7368916.12	591.21	-60	105	15	19	4 @ 0.50
BIB_SURF_00199	204507.377	7368922.93	591.19	-60	105	8	13	5 @ 0.27
						18	19	1 @ 0.62
BIB_SURF_00200	204495.291	7368926.05	591.18	-60	105	12	17	5 @ 0.72
BIB_SURF_00201	204483.138	7368929.03	591.17	-60	105	11	16	5 @ 1.58
BIB_SURF_00202	204471.267	7368932.38	591.17	-60	105	10	19	9 @ 1.70
BIB_SURF_00203	204458.78	7368935.9	591.2	-60	105	8	21	13 @ 0.75
BIB_SURF_00204	204446.824	7368938.98	591.24	-60	105	7	22	15 @ 1.01
BIB_SURF_00205	204435.001	7368942.19	591.26	-60	105	6	22	16 @ 0.81
BIB_SURF_00206	204422.834	7368945.52	591.21	-60	105	6	23	17 @ 0.69
BIB_SURF_00207	204410.674	7368948.71	591.25	-60	105	5	16	11 @ 1.18
BIB_SURF_00208	204386.463	7368955.18	591.36	-60	105	4	8	4 @ 0.48
						13	14	1 @ 1.58
BIB_SURF_00209	204374.338	7368958.48	591.44	-60	105	3	5	2 @ 1.03
BIB_SURF_00210	204362.342	7368961.6	591.43	-60	105	13	14	1 @ 0.41
BIB_SURF_00211	204350.451	7368964.91	591.43	-60	105	3	5	2 @ 0.51
BIB_SURF_00213	204538.339	7368901.51	591.22	-60	105	13	18	5 @ 0.30
BIB_SURF_00214	204526.341	7368904.62	591.19	-60	105	16	19	3 @ 0.45
BIB_SURF_00215	204502.283	7368911.29	591.14	-60	105	13	15	2 @ 0.42
BIB_SURF_00216	204476.744	7368917.66	591.15	-60	105	11	25	14 @ 0.65
BIB_SURF_00217	204451.964	7368924.51	591.19	-60	105	8	13	5 @ 1.06
BIB_SURF_00218	204426.577	7368931.57	591.24	-60	105	7	11	4 @ 1.29
BIB_SURF_00219	204404.456	7368937.4	591.33	-60	105	6	8	2 @ 1.55
						12	18	6 @ 0.77
BIB_SURF_00220	204381.546	7368943.43	591.4	-60	105	4	7	3 @ 0.48
						11	12	1 @ 0.40
BIB_SURF_00221	204356.973	7368950.02	591.43	-60	105	4	7	3 @ 0.55
BIB_SURF_00223	204547.142	7368886.28	591.23	-60	105	11	12	1 @ 0.42
BIB_SURF_00224	204535.233	7368889.6	591.17	-60	105	15	19	4 @ 0.50
BIB_SURF_00225	204523.223	7368892.46	591.36	-60	105	15	17	2 @ 0.54
BIB_SURF_00226	204511.416	7368895.85	591.23	-60	105	9	10	1 @ 0.44
BIB_SURF_00227	204498.988	7368899.22	591.23	-60	105	13	14	1 @ 0.52
						19	20	1 @ 0.79
BIB_SURF_00228	204487.09	7368902.25	591.11	-60	105	12	15	3 @ 0.75
BIB_SURF_00229	204474.914	7368905.47	591.08	-60	105	10	17	7 @ 1.75
BIB_SURF_00230	204462.599	7368908.71	591.22	-60	105	11	14	3 @ 1.72
BIB_SURF_00231	204450.749	7368911.83	591.22	-60	105	9	21	12 @ 1.37
BIB_SURF_00232	204438.861	7368915.22	591.18	-60	105	7	20	13 @ 1.44
						24	25	1 @ 0.47
BIB_SURF_00233	204426.769	7368918.68	591.2	-60	105	7	21	14 @ 1.44
BIB_SURF_00234	204414.192	7368921.83	591.28	-60	105	6	9	3 @ 0.76
BIB_SURF_00235	204402.427	7368925.03	591.28	-60	105	5	15	10 @ 0.76
BIB_SURF_00236	204390.4	7368928.19	591.4	-60	105	5	16	11 @ 0.42
BIB_SURF_00237	204378.555	7368931.74	591.49	-60	105	5	8	3 @ 0.67
BIB_SURF_00239	204354.168	7368937.85	591.37	-60	105	6	7	1 @ 0.59
BIB_SURF_00240	204341.766	7368941.14	591.42	-60	105	4	5	1 @ 0.48
						11	12	1 @ 0.54
BIB_SURF_00242	204540.885	7368874.85	591.06	-60	105	11	12	1 @ 0.67
						18	23	5 @ 0.51
BIB_SURF_00243	204529.042	7368878.15	591.07	-60	105	11	12	1 @ 0.64
						17	19	2 @ 0.66
BIB_SURF_00244	204516.621	7368881.31	591.05	-60	105	15	17	2 @ 0.80
BIB_SURF_00245	204493.51	7368887.45	591.03	-60	105	5	6	1 @ 0.48
						16	17	1 @ 0.43
BIB_SURF_00246	204471.232	7368893.39	590.98	-60	105	11	25	14 @ 1.01
BIB_SURF_00247	204447.359	7368899.76	590.95	-60	105	9	15	6 @ 2.21
						22	24	2 @ 1.62

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00248	204423.311	7368906.52	591.01	-60	105	7	16	9 @ 1.10
BIB_SURF_00249	204398.801	7368913.12	591.08	-60	105	5	7	2 @ 1.80
						15	25	10 @ 0.27
BIB_SURF_00250	204374.607	7368919.35	591.24	-60	105	5	6	1 @ 0.86
BIB_SURF_00252	204338.625	7368928.97	591.28	-60	105	13	14	1 @ 0.43
BIB_SURF_00253	204326.58	7368932.27	591.37	-60	105	17	18	1 @ 0.41
BIB_SURF_00254	204548.191	7368860.21	591.13	-60	105	12	14	2 @ 0.42
BIB_SURF_00256	204523.784	7368866.54	591.15	-60	105	11	13	2 @ 0.48
						17	20	3 @ 0.76
BIB_SURF_00258	204499.929	7368872.94	591.17	-60	105	9	11	2 @ 0.57
						20	21	1 @ 0.49
BIB_SURF_00259	204487.679	7368876.25	591.17	-60	105	9	25	16 @ 0.42
BIB_SURF_00260	204475.479	7368879.59	591.15	-60	105	13	16	3 @ 1.03
BIB_SURF_00261	204463.597	7368882.86	591.08	-60	105	8	21	13 @ 1.8
BIB_SURF_00262	204451.464	7368886.02	591.16	-60	105	7	14	7 @ 2.17
						18	24	6 @ 0.45
BIB_SURF_00263	204439.59	7368889.28	590.98	-60	105	9	22	13 @ 1.00
BIB_SURF_00264	204427.092	7368892.77	591.08	-60	105	7	17	10 @ 0.74
						24	25	1 @ 1.73
BIB_SURF_00265	204415.448	7368895.64	591.06	-60	105	7	25	18 @ 0.90
BIB_SURF_00266	204403.066	7368899.05	591.15	-60	105	7	17	10 @ 1.34
						21	24	3 @ 1.12
BIB_SURF_00267	204391.13	7368902.34	591.22	-60	105	5	8	3 @ 1.54
						17	18	1 @ 0.63
						22	23	1 @ 0.52
BIB_SURF_00268	204379.119	7368905.27	591.25	-60	105	5	6	1 @ 0.87
						13	22	9 @ 1.17
BIB_SURF_00269	204366.959	7368908.6	591.26	-60	105	4	6	2 @ 1.11
						23	24	1 @ 2.42
BIB_SURF_00270	204355.048	7368911.86	591.28	-60	105	4	6	2 @ 0.55
						23	24	1 @ 1.91
BIB_SURF_00271	204343.054	7368915.2	591.35	-60	105	5	6	1 @ 0.42
BIB_SURF_00273	204318.682	7368921.84	591.29	-60	105	23	24	1 @ 0.6
BIB_SURF_00277	7368863.84	204485.843	591.15	-60	105	9	10	1 @ 0.51
						15	17	2 @ 1.00
BIB_SURF_00278	7368869.94	204462.367	591.07	-60	105	6	7	1 @ 0.58
						11	17	6 @ 1.38
						23	24	1 @ 0.88
BIB_SURF_00279	7368876.29	204438.774	591.12	-60	105	7	15	8 @ 2.08
BIB_SURF_00280	7368882.28	204417.087	591.09	-60	105	7	21	14 @ 2.18
BIB_SURF_00281	7368889.25	204390.735	591.24	-60	105	6	20	14 @ 0.87
BIB_SURF_00282	7368896.47	204364.04	591.29	-60	105	4	5	1 @ 0.46
						12	13	1 @ 0.61
						20	25	5 @ 0.40
BIB_SURF_00283	7368901.5	204345.593	591.13	-60	105	0	1	1 @ 0.75
						20	25	5 @ 2.64
BIB_SURF_00284	7368905.32	204330.704	591.35	-60	105	23	25	2 @ 8.78
BIB_SURF_00288	204518.545	7368842.22	591.23	-60	105	12	13	1 @ 0.53
BIB_SURF_00291	7368851.72	204482.476	591.22	-60	105	9	16	7 @ 0.34
BIB_SURF_00292	7368854.93	204470.429	591.08	-60	105	5	6	1 @ 0.58
BIB_SURF_00293	7368858.02	204458.314	591.05	-60	105	9	16	7 @ 1.58
						22	24	2 @ 1.43
BIB_SURF_00294	7368861.4	204446.167	591.15	-60	105	12	18	6 @ 1.53
BIB_SURF_00295	7368864.65	204434.396	591.02	-60	105	7	16	9 @ 1.25
BIB_SURF_00296	7368867.8	204422.346	590.94	-60	105	8	17	9 @ 1.4
BIB_SURF_00297	7368871.1	204410.048	590.98	-60	105	7	18	11 @ 1.00
BIB_SURF_00298	7368874.36	204398.1	591.07	-60	105	7	18	11 @ 1.71
BIB_SURF_00299	7368877.53	204386.057	591.08	-60	105	6	16	10 @ 1.02
BIB_SURF_00300	7368880.89	204373.608	591.24	-60	105	5	8	3 @ 0.93
						16	17	1 @ 0.55
						24	25	1 @ 0.45
BIB_SURF_00301	7368884.02	204362.075	591.18	-60	105	5	6	1 @ 0.68

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
						17	20	3 @ 0.77
BIB_SURF_00302	7368887.46	204349.757	591.29	-60	105	4	5	1 @ 0.59
						18	20	2 @ 1.80
BIB_SURF_00303	7368890.55	204337.506	591.29	-60	105	15	16	1 @ 0.46
BIB_SURF_00305	7368897.15	204313.297	591.27	-60	105	21	25	4 @ 1.85
BIB_SURF_00306	204479.739	7368839.36	591.15	-60	105	6	14	8 @ 0.34
BIB_SURF_00307	204457.207	7368845.6	591.14	-60	105	6	7	1 @ 0.65
						12	25	13 @ 0.67
BIB_SURF_00308	204433.827	7368851.9	591.03	-60	105	8	20	12 @ 0.78
BIB_SURF_00309	204409.8	7368858.36	591.04	-60	105	8	18	10 @ 1.41
						24	25	1 @ 0.67
BIB_SURF_00310	204385.475	7368864.83	591.04	-60	105	7	9	2 @ 1.42
BIB_SURF_00311	204361.514	7368871.09	591.13	-60	105	5	11	6 @ 0.66
BIB_SURF_00312	204338.098	7368877.45	591.22	-60	105	4	6	2 @ 0.85
						16	17	1 @ 0.54
BIB_SURF_00313	204315.401	7368883.56	591.21	-60	105	7	8	1 @ 0.44
BIB_SURF_00315	204476.226	7368827.68	590.97	-60	105	11	15	4 @ 0.25
BIB_SURF_00316	204464.235	7368830.8	590.9	-60	105	9	20	11 @ 0.42
BIB_SURF_00317	204452.013	7368834.06	590.97	-60	105	6	7	1 @ 0.90
						12	18	6 @ 0.98
BIB_SURF_00318	204440.093	7368837.3	591.01	-60	105	6	7	1 @ 0.55
						12	23	11 @ 1.07
						6	25	19 @ 1.92
BIB_SURF_00320	204415.904	7368843.78	590.88	-60	105	10	24	14 @ 1.74
BIB_SURF_00321	204403.771	7368847.29	590.9	-60	105	8	17	9 @ 2.18
BIB_SURF_00322	204391.866	7368850.33	590.92	-60	105	8	25	17 @ 2.52
BIB_SURF_00323	204379.335	7368853.51	590.94	-60	105	7	25	18 @ 1.56
BIB_SURF_00324	204367.556	7368856.82	591.03	-60	105	6	11	5 @ 1.41
						20	25	5 @ 0.53
BIB_SURF_00325	204355.358	7368859.99	591.06	-60	105	6	12	6 @ 0.75
BIB_SURF_00326	204343.229	7368863.22	591.1	-60	105	6	21	15 @ 2.35
BIB_SURF_00327	204331.245	7368866.51	591.1	-60	105	7	10	3 @ 0.57
BIB_SURF_00328	204319.079	7368869.84	591.24	-60	105	7	8	1 @ 0.50
						16	17	1 @ 0.51
BIB_SURF_00329	204307.081	7368873	591.17	-60	105	5	6	1 @ 0.48
						18	25	7 @ 1.03
BIB_SURF_00330	204294.939	7368875.95	591.12	-60	105	20	24	4 @ 1.43
BIB_SURF_00331	7368815.17	204473.921	590.99	-60	105	10	11	1 @ 0.95
BIB_SURF_00332	7368821.66	204449.423	590.99	-60	105	10	17	7 @ 0.73
BIB_SURF_00333	7368828.27	204426.178	590.91	-60	105	8	24	16 @ 1.87
BIB_SURF_00334	7368834.21	204403.854	590.91	-60	105	9	15	6 @ 3.11
						19	24	5 @ 0.84
BIB_SURF_00335	7368840.3	204380.204	591	-60	105	7	21	14 @ 1.17
BIB_SURF_00336	7368847.44	204354.071	591.06	-60	105	6	9	3 @ 1.91
						19	24	5 @ 1.62
BIB_SURF_00337	7368853.31	204331.508	591.13	-60	105	5	7	2 @ 0.77
						14	15	1 @ 1.00
						19	20	1 @ 1.16
BIB_SURF_00338	7368859.27	204308.686	591.18	-60	105	4	5	1 @ 0.48
BIB_SURF_00341	7368805.23	204462.979	591.08	-60	105	7	22	15 @ 0.62
BIB_SURF_00342	7368808.66	204450.675	590.97	-60	105	7	17	10 @ 0.51
BIB_SURF_00343	7368811.94	204438.587	590.89	-60	105	6	8	2 @ 0.57
						12	18	6 @ 3.17
BIB_SURF_00344	7368814.99	204426.214	590.82	-60	105	6	25	19 @ 1.58
BIB_SURF_00345	7368818.37	204414.435	590.83	-60	105	8	22	14 @ 1.77
BIB_SURF_00346	7368821.62	204402.185	590.88	-60	105	7	23	16 @ 1.96
BIB_SURF_00347	7368824.79	204389.933	590.92	-60	105	1	2	1 @ 0.40
						9	25	16 @ 1.61
BIB_SURF_00348						7	15	8 @ 1.11
	7368828.02	204377.975	590.92	-60	105	21	25	4 @ 1.84
BIB_SURF_00349	7368830.98	204366.214	590.94	-60	105	7	23	16 @ 0.61
BIB_SURF_00350	7368834.4	204353.836	591.03	-60	105	6	8	2 @ 1.71

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						17	19	2 @ 1.60
BIB_SURF_00351	7368837.93	204341.598	591.02	-60	105	5	7	2 @ 0.84
						22	23	1 @ 0.89
BIB_SURF_00352	7368840.98	204329.541	591.05	-60	105	5	6	1 @ 1.53
						24	25	1 @ 0.86
BIB_SURF_00358	7368795.58	204450.41	590.96	-60	105	13	20	7 @ 0.58
BIB_SURF_00359	7368798.28	204440.792	591.01	-60	105	7	9	2 @ 0.60
						13	24	11 @ 1.39
BIB_SURF_00360	7368804.07	204419.088	590.9	-60	105	7	21	14 @ 3.47
BIB_SURF_00361	7368807.26	204407.272	590.92	-60	105	7	23	16 @ 2.55
BIB_SURF_00362	7368810.22	204395.09	590.86	-60	105	8	25	17 @ 2.35
BIB_SURF_00363	7368816.38	204373.148	590.89	-60	105	8	25	17 @ 3.03
BIB_SURF_00364	7368819.18	204362.5	590.91	-60	105	10	25	15 @ 0.62
BIB_SURF_00365	7368822.01	204352.101	590.95	-60	105	6	22	16 @ 1.03
BIB_SURF_00366	7368824.53	204342.439	590.98	-60	105	6	12	6 @ 1.19
						16	22	6 @ 0.69
BIB_SURF_00367	7368829.72	204323.519	590.96	-60	105	5	6	1 @ 0.41
BIB_SURF_00368	7368832.69	204311.31	591.04	-60	105	5	12	7 @ 0.63
						17	18	1 @ 0.75
BIB_SURF_00369	7368835.97	204299.521	591.13	-60	105	4	5	1 @ 0.46
BIB_SURF_00370	7368778.49	204465.476	590.96	-60	105	16	19	3 @ 0.81
BIB_SURF_00371	7368781.65	204454.568	590.99	-60	105	7	8	1 @ 0.62
BIB_SURF_00372	7368785.01	204442.483	590.95	-60	105	7	9	2 @ 0.63
						13	14	1 @ 0.84
						19	20	1 @ 0.51
BIB_SURF_00373	7368788.15	204430.192	591	-60	105	7	20	13 @ 2.54
BIB_SURF_00374	7368791.37	204418.214	590.8	-60	105	6	19	13 @ 2.64
BIB_SURF_00375	7368797.77	204394.127	590.64	-60	105	7	23	16 @ 2.32
BIB_SURF_00376	7368800.97	204381.885	590.88	-60	105	9	25	16 @ 3.01
BIB_SURF_00377	7368804.14	204370.039	590.87	-60	105	7	25	18 @ 1.35
BIB_SURF_00378	7368810.9	204346.008	590.97	-60	105	8	15	7 @ 1.08
						23	25	2 @ 0.61
BIB_SURF_00379	7368814.07	204333.629	590.85	-60	105	7	14	7 @ 1.00
BIB_SURF_00380	7368817.29	204321.346	590.84	-60	105	6	15	9 @ 0.68
BIB_SURF_00381	7368823.89	204297.351	591.03	-60	105	5	8	3 @ 0.42
BIB_SURF_00382	7368827.1	204285.129	591.12	-60	105	8	9	1 @ 0.55
BIB_SURF_00383	7368766.73	204461.881	591.01	-60	105	18	19	1 @ 0.99
BIB_SURF_00384	7368773.01	204438.528	590.91	-60	105	7	8	1 @ 0.42
						13	16	3 @ 0.30
						20	21	1 @ 0.57
BIB_SURF_00385	7368779.69	204413.756	590.84	-60	105	7	23	16 @ 2.11
BIB_SURF_00386	7368785.67	204390.892	590.68	-60	105	8	24	16 @ 1.56
BIB_SURF_00387	7368792.5	204365.598	590.79	-60	105	7	24	17 @ 2.22
BIB_SURF_00388	7368799.17	204340.178	590.93	-60	105	8	10	2 @ 1.60
						14	15	1 @ 1.05
						23	24	1 @ 0.44
BIB_SURF_00389	7368804.92	204318.674	590.91	-60	105	6	9	3 @ 1.10
						24	25	1 @ 0.92
BIB_SURF_00392	7368754.58	204458.885	590.87	-60	105	17	18	1 @ 0.40
BIB_SURF_00393	7368757.39	204447.947	590.92	-60	105	7	9	2 @ 0.47
BIB_SURF_00394	7368760.87	204435.861	590.85	-60	105	7	9	2 @ 0.67
						15	20	5 @ 0.29
BIB_SURF_00395	7368764.2	204423.995	590.79	-60	105	7	25	18 @ 1.10
BIB_SURF_00396	7368766.94	204411.8	590.85	-60	105	7	24	17 @ 1.88
BIB_SURF_00397	7368770.51	204399.876	590.81	-60	105	6	9	3 @ 0.61
						13	23	10 @ 1.75
BIB_SURF_00398	7368773.38	204387.788	590.66	-60	105	7	24	17 @ 1.43
BIB_SURF_00399	7368776.94	204375.63	590.69	-60	105	11	25	14 @ 2.19
BIB_SURF_00400	7368779.7	204363.581	590.82	-60	105	9	25	16 @ 1.36
BIB_SURF_00401	7368783.41	204351.358	590.87	-60	105	8	11	3 @ 1.59
						16	23	7 @ 1.07
BIB_SURF_00402	7368786.47	204339.579	590.94	-60	105	8	25	17 @ 0.78

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BIB_SURF_00403	7368790.03	204327.369	590.96	-60	105	7	11	4 @ 1.51
BIB_SURF_00404	7368793.2	204315.252	590.99	-60	105	6	8	2 @ 0.96
BIB_SURF_00405	7368796.34	204303.204	591.01	-60	105	8	9	1 @ 0.82
BIB_SURF_00406	7368799.4	204290.911	590.96	-60	105	6	9	3 @ 1.04
BIB_SURF_00408	7368741.79	204458.267	590.83	-60	105	12	19	7 @ 0.33
BIB_SURF_00409	7368744.07	204450.072	590.81	-60	105	8	13	5 @ 0.27
BIB_SURF_00410	7368749.56	204429.413	590.9	-60	105	7	9	2 @ 0.54
						14	22	8 @ 0.77
BIB_SURF_00411	7368755.56	204407.038	590.81	-60	105	7	22	15 @ 1.92
BIB_SURF_00412	7368761.33	204385.313	590.78	-60	105	8	16	8 @ 1.39
						22	23	1 @ 3.66
BIB_SURF_00413	7368767.44	204362.327	590.76	-60	105	7	17	10 @ 1.44
BIB_SURF_00414	7368770.96	204349.677	590.76	-60	105	8	24	16 @ 1.02
BIB_SURF_00415	7368774.18	204336.976	590.66	-60	105	7	12	5 @ 1.20
						18	25	7 @ 0.33
BIB_SURF_00416	7368780.87	204312.505	590.87	-60	105	7	9	2 @ 1.56
BIB_SURF_00417	7368787.23	204288.599	590.9	-60	105	5	11	6 @ 0.86
BIB_SURF_00419	7368728.24	204459.503	590.87	-60	105	19	20	1 @ 0.69
BIB_SURF_00420	7368731.66	204447.604	590.78	-60	105	13	14	1 @ 0.65
BIB_SURF_00421	7368735.03	204435.562	590.8	-60	105	8	9	1 @ 0.73
	7368735.03	204435.562	590.8	-60	105	19	20	1 @ 0.60
	7368735.03	204435.562	590.8	-60	105	24	25	1 @ 0.66
BIB_SURF_00422	7368738.19	204423.618	590.84	-60	105	7	9	2 @ 0.47
						14	20	6 @ 0.78
						24	25	1 @ 0.56
BIB_SURF_00423	7368741.43	204411.221	590.86	-60	105	7	20	13 @ 1.14
BIB_SURF_00424	7368744.59	204399.309	590.8	-60	105	7	24	17 @ 1.41
BIB_SURF_00425	7368747.89	204386.934	590.8	-60	105	6	8	2 @ 0.68
						13	24	11 @ 2.79
BIB_SURF_00426	7368751.35	204375.359	590.56	-60	105	7	20	13 @ 1.15
BIB_SURF_00427	7368754.27	204362.866	590.8	-60	105	12	19	7 @ 0.92
BIB_SURF_00428	7368762	204333.801	590.73	-60	105	7	13	6 @ 0.97
						18	25	7 @ 0.56
BIB_SURF_00429	7368765.49	204321.693	590.8	-60	105	8	11	3 @ 0.84
BIB_SURF_00430	7368768.79	204309.714	590.84	-60	105	7	8	1 @ 1.38
BIB_SURF_00431	7368771.88	204297.878	590.81	-60	105	7	8	1 @ 1.00
BIB_SURF_00432	7368775.18	204285.119	590.82	-60	105	6	7	1 @ 0.43
BIB_SURF_00433	7368778.29	204273.314	590.96	-60	105	5	6	1 @ 0.84
BIB_SURF_00435	7368717.75	204450.993	590.81	-60	105	16	20	4 @ 0.42
BIB_SURF_00436	7368724.23	204426.912	590.76	-60	105	18	22	4 @ 0.54
BIB_SURF_00437	7368730.85	204402.79	590.8	-60	105	7	25	18 @ 0.76
BIB_SURF_00438	7368736.49	204381.447	590.76	-60	105	7	22	15 @ 1.02
BIB_SURF_00439	7368739.14	204371.954	590.59	-60	105	0	1	1 @ 0.47
						7	9	2 @ 0.74
						13	22	9 @ 1.36
BIB_SURF_00440	7368744.63	204351.47	590.65	-60	105	7	15	8 @ 1.26
						19	24	5 @ 0.77
BIB_SURF_00441	7368750.36	204329.322	590.76	-60	105	9	13	4 @ 1.19
						18	19	1 @ 0.52
						23	24	1 @ 0.60
BIB_SURF_00442	7368756.67	204305.531	590.77	-60	105	8	12	4 @ 0.60
BIB_SURF_00443	7368763.52	204281.373	590.9	-60	105	6	8	2 @ 1.21
BIB_SURF_00445	7368705.62	204447.736	590.81	-60	105	15	16	1 @ 0.47
BIB_SURF_00446	7368709.37	204435.439	590.72	-60	105	8	9	1 @ 0.41
						13	14	1 @ 0.48
BIB_SURF_00447	7368712.32	204423.29	590.67	-60	105	8	12	4 @ 0.38
						18	19	1 @ 0.62
BIB_SURF_00448	7368715.57	204410.985	590.85	-60	105	7	11	4 @ 0.59
						15	16	1 @ 0.84
						21	22	1 @ 0.86
BIB_SURF_00449	7368718.7	204400.194	590.74	-60	105	8	12	4 @ 0.78
						16	21	5 @ 1.27

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BIB_SURF_00450	7368722.02	204386.542	590.66	-60	105	7	25	18 @ 0.58
BIB_SURF_00451	7368725.2	204375.216	590.74	-60	105	9	19	10 @ 1.28
BIB_SURF_00452	7368728.66	204362.475	590.51	-60	105	6	9	3 @ 0.58
						13	18	5 @ 1.94
						24	25	1 @ 0.49
BIB_SURF_00453	7368731.61	204350.69	590.64	-60	105	8	15	7 @ 1.03
						21	25	4 @ 1.49
BIB_SURF_00454	7368734.95	204338.598	590.82	-60	105	8	15	7 @ 1.35
						20	25	5 @ 0.98
BIB_SURF_00455	7368738.39	204326.518	590.8	-60	105	8	22	14 @ 0.63
BIB_SURF_00456	7368741.63	204314.109	590.81	-60	105	10	14	4 @ 0.49
						20	21	1 @ 0.41
BIB_SURF_00457	7368744.53	204302.405	590.82	-60	105	9	10	1 @ 0.61
BIB_SURF_00458	7368747.95	204290.446	590.78	-60	105	8	9	1 @ 0.41
BIB_SURF_00459	7368751.22	204278.455	590.85	-60	105	7	8	1 @ 1.61
BIB_SURF_00460	7368754.3	204266.074	590.86	-60	105	6	7	1 @ 0.42
BIB_SURF_00466	7368693.79	204444.411	590.71	-60	105	18	20	2 @ 0.45
BIB_SURF_00467	7368697.23	204431.257	590.7	-60	105	15	16	1 @ 0.63
BIB_SURF_00468	7368700.31	204419.494	590.66	-60	105	11	15	4 @ 0.42
BIB_SURF_00469	7368706.83	204395.151	590.68	-60	105	8	21	13 @ 0.59
BIB_SURF_00470	7368710.15	204383.164	590.61	-60	105	7	9	2 @ 0.42
						14	24	10 @ 1.08
BIB_SURF_00471	7368713.39	204371.178	590.54	-60	105	7	8	1 @ 0.66
						18	22	4 @ 0.66
BIB_SURF_00472	7368719.54	204347.407	590.55	-60	105	8	9	1 @ 0.49
						13	16	3 @ 0.93
						22	24	2 @ 0.77
BIB_SURF_00473	7368722.8	204335.481	590.65	-60	105	8	16	8 @ 0.75
						20	25	5 @ 0.66
BIB_SURF_00474	7368726.31	204323.342	590.65	-60	105	7	14	7 @ 0.95
						18	24	6 @ 0.57
BIB_SURF_00475	7368732.71	204299.067	590.7	-60	105	9	10	1 @ 1.08
						18	19	1 @ 0.52
BIB_SURF_00476	7368735.78	204287.231	590.77	-60	105	9	13	4 @ 0.86
BIB_SURF_00477	7368738.91	204275.107	590.78	-60	105	7	8	1 @ 0.73
BIB_SURF_00478	7368745.73	204249.965	590.79	-60	105	6	7	1 @ 0.52
BIB_SURF_00479	7368749.1	204237.294	590.49	-60	105	5	7	2 @ 1.17
BIB_SURF_00480	7368752.38	204224.818	590.73	-60	105	5	8	3 @ 0.83
BIB_SURF_00483	7368684.35	204430.864	590.68	-60	105	13	14	1 @ 0.52
						18	20	2 @ 0.86
BIB_SURF_00485	7368690.88	204406.668	590.71	-60	105	8	9	1 @ 0.42
BIB_SURF_00486	7368694.1	204394.786	590.65	-60	105	19	25	6 @ 0.68
BIB_SURF_00487	7368700.67	204370.54	590.62	-60	105	7	9	2 @ 0.70
						14	22	8 @ 0.74
BIB_SURF_00488	7368703.88	204358.292	590.57	-60	105	7	21	14 @ 0.83
BIB_SURF_00489	7368707.1	204346.368	590.6	-60	105	7	10	3 @ 0.81
						14	23	9 @ 1.04
BIB_SURF_00490	7368713.67	204322.338	590.64	-60	105	8	9	1 @ 0.71
					105	13	25	12 @ 1.13
BIB_SURF_00491	7368716.84	204310.39	590.57	-60	105	10	17	7 @ 1.58
						21	25	4 @ 0.46
BIB_SURF_00492	7368720.13	204298.185	590.66	-60	105	10	11	1 @ 3.59
						15	16	1 @ 0.55
BIB_SURF_00493	7368726.63	204273.534	590.64	-60	105	8	14	6 @ 0.72
BIB_SURF_00494	7368731.31	204261.087	590.51	-60	105	6	11	5 @ 0.89
BIB_SURF_00495	7368733.1	204248.718	590.69	-60	105	6	10	4 @ 1.39
BIB_SURF_00496	7368739.8	204223.719	590.76	-60	105	6	7	1 @ 0.55
BIB_SURF_00497	7368743.12	204211.385	590.74	-60	105	5	10	5 @ 1.64
BIB_SURF_00498	7368746.65	204199.531	590.67	-60	105	4	6	2 @ 0.90
BIB_SURF_00502	7368682.94	204388.591	590.55	-60	105	8	9	1 @ 0.51
						20	21	1 @ 0.42
BIB_SURF_00503	7368688.41	204368.185	590.35	-60	105	8	9	1 @ 0.40

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						16	19	3 @ 1.33
						24	25	1 @ 0.6
BIB_SURF_00504	7368690.81	204359.303	590.54	-60	105	8	9	1 @ 0.71
						14	25	11 @ 0.42
BIB_SURF_00505	7368696.37	204338.285	590.59	-60	105	7	9	2 @ 0.51
						13	18	5 @ 1.93
						23	25	2 @ 2.70
BIB_SURF_00506	7368702.18	204315.817	590.6	-60	105	12	25	13 @ 0.93
BIB_SURF_00507	7368707.71	204296.242	590.65	-60	105	8	20	12 @ 0.42
BIB_SURF_00508	7368709.92	204287.565	590.55	-60	105	10	17	7 @ 1.06
BIB_SURF_00509	7368715.42	204266.14	590.64	-60	105	9	10	1 @ 1.06
BIB_SURF_00510	7368722.5	204240.519	590.6	-60	105	6	15	9 @ 0.55
BIB_SURF_00511	7368728.51	204217.784	590.64	-60	105	5	8	3 @ 1.14
BIB_SURF_00512	7368731.61	204206.01	590.67	-60	105	6	8	2 @ 2.30
BIB_SURF_00517	7368659.79	204426.041	590.68	-60	105	19	20	1 @ 0.41
BIB_SURF_00520	7368669.5	204390.501	590.64	-60	105	8	10	2 @ 0.48
BIB_SURF_00521	7368672.65	204378.474	590.5	-60	105	8	11	3 @ 0.39
BIB_SURF_00522	7368675.87	204366.357	590.47	-60	105	8	12	4 @ 0.41
						16	19	3 @ 0.6
BIB_SURF_00523	7368679.16	204353.756	590.52	-60	105	7	8	1 @ 0.45
						14	21	7 @ 0.93
BIB_SURF_00524	7368682.43	204341.87	590.48	-60	105	9	21	12 @ 0.83
BIB_SURF_00525	7368685.68	204329.804	590.49	-60	105	7	19	12 @ 1.10
BIB_SURF_00526	7368688.87	204317.822	590.54	-60	105	7	19	12 @ 1.10
						24	25	1 @ 0.55
BIB_SURF_00527	7368692.2	204305.688	590.58	-60	105	13	21	8 @ 0.93
BIB_SURF_00528	7368695.19	204293.414	590.6	-60	105	8	17	9 @ 0.93
BIB_SURF_00529	7368698.39	204281.664	590.54	-60	105	5	17	12 @ 0.6
BIB_SURF_00530	7368701.87	204269.06	590.78	-60	105	11	14	3 @ 1.66
						20	23	3 @ 0.41
BIB_SURF_00531	7368705.21	204257.309	590.68	-60	105	8	9	1 @ 2.01
BIB_SURF_00532	7368708.37	204245.436	590.67	-60	105	7	13	6 @ 1.25
BIB_SURF_00533	7368711.38	204233.333	590.58	-60	105	7	10	3 @ 1.29
BIB_SURF_00534	7368714.77	204221.07	590.61	-60	105	6	10	4 @ 2.28
BIB_SURF_00535	7368717.89	204209.167	590.64	-60	105	5	10	5 @ 1.57
BIB_SURF_00536	7368721.13	204196.917	590.63	-60	105	5	11	6 @ 1.41
BIB_SURF_00537	7368724.54	204184.618	590.65	-60	105	6	8	2 @ 0.66
BIB_SURF_00538	7368727.72	204173.029	590.63	-60	105	5	7	2 @ 0.60
BIB_SURF_00539	7368730.94	204160.814	590.6	-60	105	6	7	1 @ 1.32
BIB_SURF_00540	7368734.33	204148.89	590.57	-60	105	9	10	1 @ 0.51
BIB_SURF_00543	7368652.72	204404.545	590.57	-60	105	18	19	1 @ 0.45
BIB_SURF_00545	7368664.85	204358.635	590.51	-60	105	8	11	3 @ 0.45
						20	21	1 @ 0.44
BIB_SURF_00546	7368670.19	204339.019	590.44	-60	105	7	9	2 @ 0.45
						13	25	12 @ 0.46
BIB_SURF_00547	7368672.64	204329.463	590.5	-60	105	7	19	12 @ 0.78
						24	25	1 @ 0.53
BIB_SURF_00548	7368678.02	204309.31	590.52	-60	105	13	19	6 @ 1.99
BIB_SURF_00549	7368684.54	204284.944	590.56	-60	105	8	14	6 @ 0.31
						22	25	3 @ 1.29
BIB_SURF_00550	7368690.74	204261.183	590.58	-60	105	8	12	4 @ 0.70
						18	19	1 @ 0.48
BIB_SURF_00551	7368696.85	204240.305	590.61	-60	105	11	12	1 @ 1.17
BIB_SURF_00552	7368699.31	204230.882	590.48	-60	105	7	12	5 @ 1.35
BIB_SURF_00553	7368703.74	204213.604	590.55	-60	105	6	9	3 @ 1.39
BIB_SURF_00554	7368710.25	204189.235	590.57	-60	105	6	8	2 @ 0.93
BIB_SURF_00555	204163.942	7368717.02	590.55	-60	105	5	7	2 @ 1.62
BIB_SURF_00556	204153.661	7368719.82	590.56	-60	105	5	7	2 @ 0.73
BIB_SURF_00560	7368643.39	204390.674	590.53	-60	105	8	9	1 @ 0.40
						15	16	1 @ 0.42
BIB_SURF_00561	7368646.45	204378.839	590.46	-60	105	8	16	8 @ 0.31
BIB_SURF_00562	7368649.8	204366.642	590.36	-60	105	8	11	3 @ 0.43

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BIB_SURF_00564	7368656.44	204342.32	590.58	-60	105	8	9	1 @ 0.67
						19	24	5 @ 0.41
BIB_SURF_00565	7368659.53	204330.327	590.39	-60	105	9	21	12 @ 0.61
BIB_SURF_00566	7368662.95	204318.386	590.44	-60	105	7	24	17 @ 0.76
BIB_SURF_00567	7368666.02	204306.516	590.47	-60	105	9	20	11 @ 0.75
						24	25	1 @ 0.70
BIB_SURF_00568	7368669.19	204294.218	590.51	-60	105	9	24	15 @ 0.57
BIB_SURF_00569	7368672.17	204282.012	590.54	-60	105	8	16	8 @ 0.69
BIB_SURF_00570	7368675.55	204270.278	590.59	-60	105	5	16	11 @ 0.43
BIB_SURF_00571	7368679.05	204258.063	590.44	-60	105	8	13	5 @ 0.72
BIB_SURF_00572	7368681.77	204246.544	590.7	-60	105	8	14	6 @ 0.78
BIB_SURF_00573	7368685.15	204234.184	590.55	-60	105	7	11	4 @ 1.16
BIB_SURF_00574	7368688.75	204222.126	590.59	-60	105	9	13	4 @ 1.35
BIB_SURF_00575	7368691.79	204210.617	590.57	-60	105	7	10	3 @ 0.92
						17	18	1 @ 0.41
BIB_SURF_00576	7368694.72	204198.565	590.54	-60	105	6	11	5 @ 1.48
BIB_SURF_00577	204184.709	7368698.45	590.54	-60	105	6	10	4 @ 1.82
BIB_SURF_00578	204174.304	7368701.46	590.53	-60	105	6	11	5 @ 0.96
BIB_SURF_00579	204162.035	7368704.83	590.53	-60	105	5	8	3 @ 1.23
BIB_SURF_00580	204150.234	7368707.96	590.52	-60	105	5	7	2 @ 0.87
BIB_SURF_00581	204137.778	7368711.06	590.48	-60	105	5	7	2 @ 0.84
BIB_SURF_00582	204125.656	7368714.49	590.52	-60	105	5	6	1 @ 0.78
BIB_SURF_00583	204113.809	7368717.43	590.46	-60	105	4	6	2 @ 1.09
BIB_SURF_00584	204101.805	7368720.66	590.44	-60	105	4	5	1 @ 0.47
BIB_SURF_00585	204399.841	7368628.12	590.53	-60	105	22	23	1 @ 0.67
BIB_SURF_00586	204377.933	7368633.99	590.52	-60	105	18	19	1 @ 0.53
BIB_SURF_00587	204368.207	7368636.48	590.31	-60	105	8	9	1 @ 0.45
						25	30	5 @ 0.42
BIB_SURF_00588	204358.43	7368639.18	590.28	-60	105	8	9	1 @ 0.44
						24	25	1 @ 0.79
BIB_SURF_00589	204349.02	7368641.57	590.45	-60	105	8	9	1 @ 0.51
BIB_SURF_00590	204330.128	7368646.57	590.44	-60	105	8	11	3 @ 0.48
						15	17	2 @ 0.74
BIB_SURF_00591	204321.005	7368649.15	590.39	-60	105	8	9	1 @ 0.47
						14	21	7 @ 2.05
BIB_SURF_00592	204311.576	7368651.72	590.4	-60	105	9	22	13 @ 0.81
BIB_SURF_00593	204302.559	7368654.04	590.4	-60	105	12	20	8 @ 0.89
BIB_SURF_00594	204283.064	7368659.23	590.46	-60	105	9	10	1 @ 0.7
						15	16	1 @ 0.63
BIB_SURF_00595	204272.84	7368661.81	590.53	-60	105	8	15	7 @ 0.51
						24	25	1 @ 0.48
BIB_SURF_00596	204262.605	7368664.68	590.47	-60	105	8	15	7 @ 0.44
BIB_SURF_00597	204251.656	7368667.65	590.48	-60	105	9	13	4 @ 1.71
BIB_SURF_00598	204231.087	7368673.09	590.45	-60	105	8	14	6 @ 0.71
BIB_SURF_00599	204221.212	7368675.85	590.47	-60	105	9	12	3 @ 1.4
BIB_SURF_00600	204208.707	7368679.25	590.5	-60	105	9	12	3 @ 1.04
BIB_SURF_00601	204200.361	7368681.43	590.44	-60	105	8	11	3 @ 1.06
BIB_SURF_00602	204181.045	7368686.67	590.44	-60	105	6	10	4 @ 1.00
BIB_SURF_00603	204171.943	7368688.8	590.38	-60	105	6	9	3 @ 1.89
BIB_SURF_00604	204162.578	7368691.41	590.42	-60	105	6	10	4 @ 1.03
BIB_SURF_00605	204153.571	7368693.99	590.46	-60	105	6	8	2 @ 1.17
BIB_SURF_00606	204134.793	7368698.89	590.45	-60	105	5	7	2 @ 0.71
BIB_SURF_00607	204123.562	7368702.05	590.41	-60	105	5	7	2 @ 1.37
BIB_SURF_00608	204114.082	7368704.58	590.39	-60	105	4	7	3 @ 1.26
BIB_SURF_00609	204104.249	7368707.08	590.4	-60	105	5	6	1 @ 0.75
BIB_SURF_00610	7368615.63	204398.066	590.51	-60	105	15	20	5 @ 0.36
BIB_SURF_00611	7368618.66	204386.751	590.5	-60	105	9	10	1 @ 0.45
						17	20	3 @ 0.37
BIB_SURF_00612	7368622.16	204374.259	590.46	-60	105	8	10	2 @ 0.47
						18	19	1 @ 0.47
BIB_SURF_00613	7368625.13	204362.11	590.42	-60	105	8	9	1 @ 0.44
						18	19	1 @ 0.42

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00614	7368628.36	204349.755	590.36	-60	105	7	9	2 @ 0.49
BIB_SURF_00615	7368631.8	204337.725	590.44	-60	105	8	10	2 @ 0.67
BIB_SURF_00616	7368634.81	204325.81	590.51	-60	105	8	13	5 @ 0.66
						19	20	1 @ 0.47
BIB_SURF_00617	7368638.27	204313.499	590.49	-60	105	8	9	1 @ 0.59
						14	17	3 @ 0.68
						24	25	1 @ 0.47
BIB_SURF_00618	204301.036	7368641.7	590.38	-60	105	11	25	14 @ 0.72
BIB_SURF_00619	204289.494	7368644.7	590.44	-60	105	9	11	2 @ 0.60
						16	24	8 @ 0.66
BIB_SURF_00620	204277.14	7368648.06	590.37	-60	105	8	16	8 @ 0.66
						22	23	1 @ 0.41
BIB_SURF_00621	204265.215	7368651.18	590.4	-60	105	9	11	2 @ 0.63
BIB_SURF_00622	204253.162	7368654.6	590.53	-60	105	8	15	7 @ 0.51
BIB_SURF_00623	204241.049	7368657.46	590.51	-60	105	9	18	9 @ 0.40
BIB_SURF_00624	204228.27	7368659.48	590.45	-60	105	8	15	7 @ 0.73
BIB_SURF_00625	204217.219	7368663.98	590.55	-60	105	7	14	7 @ 1.07
BIB_SURF_00626	204205.406	7368667.28	590.48	-60	105	7	15	8 @ 0.96
BIB_SURF_00627	204193.152	7368670.62	590.46	-60	105	7	11	4 @ 1.36
BIB_SURF_00628	204181.156	7368673.79	590.47	-60	105	7	11	4 @ 1.78
BIB_SURF_00629	204168.669	7368677.16	590.42	-60	105	6	12	6 @ 1.74
BIB_SURF_00630	204156.626	7368680.29	590.39	-60	105	6	11	5 @ 1.54
BIB_SURF_00631	204144.546	7368683.53	590.45	-60	105	5	10	5 @ 1.99
BIB_SURF_00632	204132.731	7368686.77	590.36	-60	105	6	11	5 @ 1.40
BIB_SURF_00633	204120.3	7368689.91	590.31	-60	105	5	7	2 @ 1.29
BIB_SURF_00634	204110.55	7368692.56	590.39	-60	105	5	10	5 @ 1.94
BIB_SURF_00635	204101.013	7368695.33	590.32	-60	105	5	8	3 @ 1.11
BIB_SURF_00636	204091.517	7368697.81	590.36	-60	105	4	6	2 @ 0.70
						14	15	1 @ 7.29
BIB_SURF_00637	7368603.93	204393.054	590.48	-60	105	16	17	1 @ 0.42
BIB_SURF_00638	7368609.18	204373.095	590.38	-60	105	8	9	1 @ 0.52
BIB_SURF_00639	7368611.54	204363.807	590.46	-60	105	15	20	5 @ 0.32
BIB_SURF_00640	7368614.43	204353.772	590.46	-60	105	8	10	2 @ 0.44
						17	20	3 @ 0.7
BIB_SURF_00641	7368617.13	204344.002	590.14	-60	105	9	10	1 @ 0.59
						29	30	1 @ 1.00
BIB_SURF_00642	7368622.27	204325.071	590.44	-60	105	8	10	2 @ 0.6
						14	15	1 @ 0.54
BIB_SURF_00643	7368624.66	204315.654	590.36	-60	105	8	11	3 @ 0.6
BIB_SURF_00644	7368627.27	204305.72	590.43	-60	105	8	10	2 @ 0.53
						14	18	4 @ 0.78
						24	25	1 @ 0.41
BIB_SURF_00645	7368629.72	204296.161	590.35	-60	105	8	12	4 @ 0.47
						17	21	4 @ 1.19
BIB_SURF_00646	7368635.92	204273.803	590.42	-60	105	8	11	3 @ 0.58
						15	18	3 @ 0.78
BIB_SURF_00647	7368642.57	204250.257	590.42	-60	105	9	11	2 @ 0.66
						24	25	1 @ 0.48
BIB_SURF_00648	204225.849	7368648.75	590.39	-60	105	9	14	5 @ 0.43
BIB_SURF_00649	204201.276	7368655.44	590.38	-60	105	7	13	6 @ 1.49
						24	25	1 @ 0.50
BIB_SURF_00650	204177.44	7368661.82	590.38	-60	105	1	14	13 @ 1.1
BIB_SURF_00651	204154.794	7368667.79	590.32	-60	105	7	17	10 @ 1.25
BIB_SURF_00652	204131.069	7368674.18	590.28	-60	105	5	11	6 @ 2.55
BIB_SURF_00653	204109.198	7368679.81	590.25	-60	105	5	8	3 @ 2.69
BIB_SURF_00655	7368597.69	204368.506	590.36	-60	105	17	18	1 @ 0.42
BIB_SURF_00656	7368604.58	204343.607	590.37	-60	105	33	34	1 @ 0.85
BIB_SURF_00657	7368607.79	204331.097	590.42	-60	105	9	10	1 @ 0.54
						19	20	1 @ 0.46
						33	34	1 @ 0.73
BIB_SURF_00658	7368610.92	204319.268	590.39	-60	105	9	16	7 @ 0.38
BIB_SURF_00659	7368617.31	204295.385	590.28	-60	105	9	13	4 @ 0.38

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
						18	19	1 @ 1.18
						23	25	2 @ 0.51
BIB_SURF_00660	7368620	204284.639	590.41	-60	105	9	12	3 @ 0.43
						17	18	1 @ 1.13
BIB_SURF_00661	7368623.09	204273.757	590.39	-60	105	14	22	8 @ 1.60
BIB_SURF_00662	204252.753	7368628.57	590.41	-60	105	10	11	1 @ 0.85
						15	18	3 @ 1.07
BIB_SURF_00662	204252.753	7368628.57	590.41	-60	105	24	25	1 @ 0.46
BIB_SURF_00663	204241.218	7368631.85	590.38	-60	105	9	20	11 @ 0.39
BIB_SURF_00664	204230.485	7368634.73	590.43	-60	105	8	11	3 @ 0.73
BIB_SURF_00665	204219.009	7368637.64	590.41	-60	105	9	10	1 @ 0.53
BIB_SURF_00666	204197.105	7368643.6	590.31	-60	105	9	13	4 @ 1.14
BIB_SURF_00667	204185.143	7368646.94	590.33	-60	105	8	14	6 @ 1.71
BIB_SURF_00668	204172.817	7368650.02	590.34	-60	105	8	15	7 @ 0.83
BIB_SURF_00669	204148.378	7368656.38	590.32	-60	105	7	13	6 @ 1.72
BIB_SURF_00670	204137.06	7368659.66	590.33	-60	105	7	15	8 @ 1.26
BIB_SURF_00671	204126.021	7368662.58	590.28	-60	105	3	11	8 @ 1.68
BIB_SURF_00672	204102.967	7368668.72	590.26	-60	105	4	9	5 @ 1.98
BIB_SURF_00673	204091.305	7368671.84	590.26	-60	105	6	11	5 @ 2.88
BIB_SURF_00675	204339.803	7368592.44	590.28	-60	105	13	14	1 @ 0.65
BIB_SURF_00676	204327.882	7368595.64	590.14	-60	105	9	10	1 @ 0.45
						15	19	4 @ 0.44
BIB_SURF_00678	204290.726	7368605.52	590.29	-60	105	9	10	1 @ 0.57
BIB_SURF_00679	204278.354	7368608.91	590.4	-60	105	8	12	4 @ 0.47
						22	25	3 @ 0.85
BIB_SURF_00680	204266.968	7368612.06	590.38	-60	105	9	11	2 @ 0.48
						17	25	8 @ 0.53
BIB_SURF_00682	204242.557	7368618.52	590.34	-60	105	8	16	8 @ 0.49
BIB_SURF_00683	204216.76	7368625.31	590.34	-60	105	8	11	3 @ 0.68
BIB_SURF_00683	204216.76	7368625.31	590.34	-60	105	15	16	1 @ 0.74
BIB_SURF_00684	204204.903	7368628.6	590.34	-60	105	8	11	3 @ 0.98
						15	17	2 @ 0.97
BIB_SURF_00685	204192.756	7368631.75	590.29	-60	105	9	14	5 @ 1.04
BIB_SURF_00686	204169.537	7368637.93	590.26	-60	105	8	16	8 @ 1.23
BIB_SURF_00687	204143.888	7368644.96	590.22	-60	105	8	14	6 @ 2.22
BIB_SURF_00688	204119.137	7368651.53	590.21	-60	105	8	15	7 @ 1.97
BIB_SURF_00689	204108.826	7368654.34	590.22	-60	105	7	14	7 @ 2.07
BIB_SURF_00690	204099.506	7368656.66	590.18	-60	105	6	11	5 @ 2.89
BIB_SURF_00691	204335.944	7368580.62	590.25	-60	105	13	15	2 @ 0.61
BIB_SURF_00692	204323.981	7368583.77	590.33	-60	105	20	21	1 @ 0.47
BIB_SURF_00693	204311.84	7368587.05	590.22	-60	105	8	18	10 @ 0.35
BIB_SURF_00694	204300.45	7368590.23	590.24	-60	105	9	13	4 @ 0.46
BIB_SURF_00695	204287.715	7368593.33	590.3	-60	105	8	11	3 @ 0.49
						23	25	2 @ 0.53
BIB_SURF_00696	204275.499	7368596.62	590.33	-60	105	9	10	1 @ 0.59
						18	20	2 @ 0.67
BIB_SURF_00697	204263.629	7368599.94	590.36	-60	105	8	12	4 @ 0.58
						19	20	1 @ 0.86
BIB_SURF_00698	204251.195	7368603.13	590.42	-60	105	16	18	2 @ 0.73
						24	25	1 @ 0.61
BIB_SURF_00699	204239.37	7368606.45	590.44	-60	105	11	17	6 @ 0.72
BIB_SURF_00700	204227.136	7368609.41	590.33	-60	105	8	9	1 @ 0.52
						16	17	1 @ 0.44
BIB_SURF_00701	204214.989	7368612.94	590.31	-60	105	10	12	2 @ 0.95
BIB_SURF_00702	204201.436	7368616.5	590.31	-60	105	10	11	1 @ 0.48
BIB_SURF_00703	204189.253	7368619.85	590.3	-60	105	9	10	1 @ 0.44
BIB_SURF_00704	204177.179	7368623.26	590.23	-60	105	8	13	5 @ 0.95
BIB_SURF_00705	204165.364	7368626.32	590.29	-60	105	9	16	7 @ 1.08
BIB_SURF_00706	204151.301	7368629.98	590.29	-60	105	7	12	5 @ 1.04
						20	23	3 @ 0.35
BIB_SURF_00707	204141.089	7368632.65	590.36	-60	105	8	14	6 @ 1.14
						19	20	1 @ 0.61

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00708	204128.805	7368636.04	590.22	-60	105	7	12	5 @ 1.64
						16	19	3 @ 0.44
BIB_SURF_00709	204116.691	7368639.21	590.21	-60	105	7	15	8 @ 1.35
BIB_SURF_00710	204104.266	7368642.57	590.02	-60	105	7	12	5 @ 1.17
BIB_SURF_00711	204092.514	7368645.82	590.21	-60	105	7	17	10 @ 1.27
BIB_SURF_00712	204080.311	7368648.83	590.2	-60	105	6	18	12 @ 1.07
BIB_SURF_00713	204330.766	7368568.85	590.24	-60	105	9	10	1 @ 0.40
						18	19	1 @ 0.71
BIB_SURF_00714	204318.51	7368572.47	590.29	-60	105	9	16	7 @ 0.38
BIB_SURF_00715	204306.769	7368575.07	590.28	-60	105	9	10	1 @ 0.41
BIB_SURF_00716	204284.158	7368580.99	590.12	-60	105	8	9	1 @ 0.49
						22	28	6 @ 0.89
BIB_SURF_00717	204260.544	7368587.46	590.3	-60	105	9	10	1 @ 0.59
						17	19	2 @ 0.78
BIB_SURF_00718	204236.058	7368594.44	590.29	-60	105	8	10	2 @ 0.71
						17	18	1 @ 0.67
BIB_SURF_00719	204209.536	7368601.07	590.2	-60	105	8	9	1 @ 0.53
						16	17	1 @ 1.02
BIB_SURF_00720	204184.525	7368608.09	590.16	-60	105	10	13	3 @ 0.44
BIB_SURF_00721	204162.3	7368614.12	590.04	-60	105	8	14	6 @ 1.14
BIB_SURF_00722	204138.863	7368620.15	590.13	-60	105	5	14	9 @ 1.52
BIB_SURF_00723	204115.331	7368626.56	590.13	-60	105	2	8	6 @ 0.98
BIB_SURF_00724	204091.584	7368632.82	590.15	-60	105	4	5	1 @ 0.48
						12	17	5 @ 2.95
BIB_SURF_00725	204323.191	7368558.08	590.27	-60	105	14	22	8 @ 0.55
BIB_SURF_00726	204310.898	7368561.15	590.27	-60	105	14	15	1 @ 0.78
BIB_SURF_00727	204298.888	7368564.51	590.24	-60	105	8	15	7 @ 0.55
						19	20	1 @ 0.43
BIB_SURF_00728	204287.047	7368567.66	590.17	-60	105	10	11	1 @ 0.69
						16	19	3 @ 0.31
BIB_SURF_00729	204274.766	7368570.91	590.14	-60	105	9	10	1 @ 0.40
						16	17	1 @ 0.76
						23	26	3 @ 0.4
BIB_SURF_00730	204262.759	7368574.26	590.19	-60	105	17	29	12 @ 0.69
						34	35	1 @ 3.04
BIB_SURF_00731	204250.678	7368577.39	590.1	-60	105	8	12	4 @ 0.63
						19	22	3 @ 0.37
BIB_SURF_00732	204238.408	7368580.47	590.35	-60	105	9	11	2 @ 0.47
						15	17	2 @ 0.87
BIB_SURF_00733	204226.299	7368583.99	590.35	-60	105	9	25	16 @ 0.53
BIB_SURF_00734	204214.149	7368587.22	590.33	-60	105	8	13	5 @ 0.46
BIB_SURF_00735	204202.027	7368590.55	590.24	-60	105	8	9	1 @ 0.43
						16	17	1 @ 0.54
BIB_SURF_00736	204190.06	7368593.71	590.24	-60	105	9	10	1 @ 0.44
						14	17	3 @ 2.09
BIB_SURF_00737	204177.987	7368596.86	590.13	-60	105	9	13	4 @ 0.56
BIB_SURF_00738	204165.886	7368600.06	590.18	-60	105	5	6	1 @ 0.55
						10	16	6 @ 1.65
BIB_SURF_00739	204154.098	7368603.46	590.18	-60	105	8	14	6 @ 1.69
BIB_SURF_00740	204142.035	7368606.48	590.09	-60	105	9	15	6 @ 1.46
BIB_SURF_00741	204129.607	7368609.82	590.09	-60	105	8	14	6 @ 1.62
BIB_SURF_00742	204117.857	7368612.91	590.08	-60	105	7	14	7 @ 2.62
BIB_SURF_00743	204105.824	7368616.17	590.11	-60	105	6	14	8 @ 2.88
BIB_SURF_00744	204093.911	7368619.7	590.12	-60	105	7	17	10 @ 1.13
BIB_SURF_00745	204081.575	7368622.67	590.04	-60	105	7	13	6 @ 3.03
						19	20	1 @ 0.53
BIB_SURF_00746	204275.25	7368557.7	590.13	-60	105	13	20	7 @ 0.42
BIB_SURF_00747	204263.51	7368560.85	590.1	-60	105	16	21	5 @ 0.95
BIB_SURF_00748	204251.206	7368564.15	590.16	-60	105	16	28	12 @ 0.86
BIB_SURF_00749	204227.604	7368570.66	590.21	-60	105	8	9	1 @ 0.55
BIB_SURF_00750	204203.729	7368576.93	590.26	-60	105	9	18	9 @ 1.45
BIB_SURF_00751	204178.23	7368583.84	590.17	-60	105	13	18	5 @ 1.92

Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00752	204155.35	7368589.85	590.08	-60	105	9	17	8 @ 1.80
BIB_SURF_00753	204134.153	7368595.63	590.07	-60	105	8	15	7 @ 1.63
BIB_SURF_00754	204114.216	7368601.08	590.03	-60	105	8	15	7 @ 3.54
BIB_SURF_00755	204102.126	7368604.21	590.02	-60	105	8	16	8 @ 4.01
BIB_SURF_00756	204080.79	7368609.91	590	-60	105	7	17	10 @ 1.45
BIB_SURF_00757	204280.864	7368543.35	590.19	-60	105	11	19	8 @ 0.24
BIB_SURF_00758	204268.453	7368546.69	590.16	-60	105	9	10	1 @ 0.51
						15	16	1 @ 0.47
BIB_SURF_00759	204256.576	7368549.74	590.16	-60	105	9	11	2 @ 0.43
						17	21	4 @ 1.52
BIB_SURF_00760	204244.439	7368553.25	590.09	-60	105	15	24	9 @ 1.22
BIB_SURF_00761	204232.229	7368556.42	590.17	-60	105	17	20	3 @ 0.84
BIB_SURF_00763	204208.354	7368562.68	590.28	-60	105	9	17	8 @ 0.61
						23	24	1 @ 0.41
BIB_SURF_00764	204196.125	7368565.99	590.21	-60	105	9	10	1 @ 0.81
						15	22	7 @ 1.45
BIB_SURF_00765	204183.942	7368569.41	590.31	-60	105	9	10	1 @ 0.67
						14	16	2 @ 0.90
BIB_SURF_00766	204171.867	7368572.62	590.16	-60	105	9	13	4 @ 0.34
BIB_SURF_00767	204159.633	7368575.76	590.11	-60	105	9	17	8 @ 0.78
BIB_SURF_00768	204147.72	7368579.01	590.1	-60	105	10	16	6 @ 1.58
BIB_SURF_00769	204135.625	7368582.31	590.06	-60	105	7	16	9 @ 0.85
BIB_SURF_00770	204123.714	7368585.5	590.09	-60	105	8	16	8 @ 2.25
						24	25	1 @ 0.58
BIB_SURF_00771	204111.344	7368588.85	589.97	-60	105	8	15	7 @ 2.02
BIB_SURF_00772	204099.278	7368592.09	589.99	-60	105	7	15	8 @ 2.46
BIB_SURF_00773	204087.53	7368595.32	589.99	-60	105	8	17	9 @ 4.05
BIB_SURF_00774	204075.337	7368598.59	589.95	-60	105	7	15	8 @ 1.34
BIB_SURF_00775	204268.477	7368533.55	590.08	-60	105	18	21	3 @ 0.61
BIB_SURF_00776	204256.303	7368537	590.11	-60	105	10	15	5 @ 0.42
BIB_SURF_00777	204227.221	7368544.86	590.08	-60	105	9	11	2 @ 0.49
						15	19	4 @ 0.95
						24	26	2 @ 0.53
BIB_SURF_00778	204202.985	7368551.32	590.1	-60	105	9	13	4 @ 0.42
						17	18	1 @ 0.81
BIB_SURF_00779	204173.157	7368559.43	590.13	-60	105	9	15	6 @ 0.52
BIB_SURF_00780	204150.416	7368565.4	590.08	-60	105	9	14	5 @ 0.45
BIB_SURF_00781	204125.962	7368571.93	589.99	-60	105	9	17	8 @ 1.74
BIB_SURF_00782	204104.235	7368577.69	590	-60	105	10	21	11 @ 1.70
BIB_SURF_00783	204079.005	7368584.56	589.93	-60	105	9	15	6 @ 2.66
BIB_SURF_00784	204269.022	7368520.57	590.03	-60	105	9	10	1 @ 0.44
						15	20	5 @ 0.37
BIB_SURF_00785	204257.11	7368523.92	590.13	-60	105	14	19	5 @ 0.42
BIB_SURF_00786	204245.18	7368527.04	590.22	-60	105	10	11	1 @ 0.41
						17	21	4 @ 0.61
BIB_SURF_00787	204232.656	7368530.53	590.16	-60	105	10	11	1 @ 0.40
						16	20	4 @ 1.83
BIB_SURF_00788	204220.721	7368533.62	590.03	-60	105	16	20	4 @ 1.83
						24	27	3 @ 0.32
BIB_SURF_00789	204208.789	7368536.99	590.09	-60	105	9	12	3 @ 0.53
						16	19	3 @ 1.73
						27	28	1 @ 0.47
BIB_SURF_00790	204196.386	7368540.19	590.04	-60	105	9	11	2 @ 0.64
BIB_SURF_00791	204184.799	7368543.22	590.05	-60	105	10	11	1 @ 0.50
						18	19	1 @ 0.87
						23	24	1 @ 0.59
BIB_SURF_00792	204172.165	7368546.49	590.19	-60	105	9	10	1 @ 0.90
						15	17	2 @ 0.84
BIB_SURF_00793	204160.469	7368549.76	590.11	-60	105	9	15	6 @ 0.78
BIB_SURF_00794	204148.117	7368553.08	589.98	-60	105	9	18	9 @ 1.67
BIB_SURF_00795	204136.258	7368556.31	590.01	-60	105	9	14	5 @ 0.52
						19	24	5 @ 0.40

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_00796	204124.058	7368559.59	589.98	-60	105	9	20	11 @ 1.22
BIB_SURF_00797	204112.051	7368562.69	589.99	-60	105	9	17	8 @ 2.37
						22	23	1 @ 1.51
BIB_SURF_00798	204100.013	7368565.99	589.95	-60	105	9	16	7 @ 2.60
BIB_SURF_00799	204087.935	7368568.99	589.97	-60	105	9	19	10 @ 2.97
						23	24	1 @ 0.69
BIB_SURF_00800	204075.889	7368572.41	589.91	-60	105	8	17	9 @ 2.49
BIB_SURF_00801	204265.916	7368508.66	590.05	-60	105	15	16	1 @ 0.62
BIB_SURF_00802	204241.776	7368515.17	590.06	-60	105	14	21	7 @ 0.50
BIB_SURF_00803	204229.786	7368518.34	589.99	-60	105	14	20	6 @ 0.35
BIB_SURF_00804	204217.632	7368521.48	589.99	-60	105	16	24	8 @ 1.09
BIB_SURF_00805	204192.662	7368528.23	590.03	-60	105	9	19	10 @ 0.47
BIB_SURF_00807	204142.326	7368541.58	589.93	-60	105	9	10	1 @ 0.92
						14	15	1 @ 0.62
BIB_SURF_00808	204118.74	7368548.08	589.85	-60	105	13	15	2 @ 0.77
BIB_SURF_00809	204095.125	7368554.37	589.84	-60	105	9	19	10 @ 1.64
BIB_SURF_00810	204071.751	7368560.54	589.86	-60	105	10	17	7 @ 2.31
BIB_SURF_00811	204252.64	7368499.11	590.02	-60	105	15	16	1 @ 0.44
BIB_SURF_00812	204240.23	7368502.72	589.99	-60	105	18	22	4 @ 0.72
BIB_SURF_00813	204228.184	7368505.64	590.12	-60	105	18	23	5 @ 0.72
BIB_SURF_00814	204216.066	7368508.97	590.03	-60	105	14	21	7 @ 0.89
BIB_SURF_00815	204203.881	7368512.2	590.05	-60	105	16	24	8 @ 0.99
BIB_SURF_00816	204191.902	7368515.6	590.12	-60	105	11	20	9 @ 0.79
BIB_SURF_00817	204179.839	7368518.81	590.01	-60	105	13	14	1 @ 0.75
						18	19	1 @ 1.46
BIB_SURF_00818	204167.647	7368521.99	590.04	-60	105	9	14	5 @ 0.36
						18	19	1 @ 1.09
BIB_SURF_00819	204155.597	7368525.22	589.92	-60	105	9	14	5 @ 0.52
BIB_SURF_00820	204143.911	7368528.22	589.99	-60	105	9	13	4 @ 0.57
						17	19	2 @ 1.31
BIB_SURF_00821	204131.652	7368531.62	590.02	-60	105	9	18	9 @ 0.78
BIB_SURF_00822	204119.444	7368534.93	589.92	-60	105	12	15	3 @ 1.10
BIB_SURF_00823	204107.384	7368538.23	589.89	-60	105	13	16	3 @ 2.900
BIB_SURF_00824	204095.307	7368541.57	589.88	-60	105	9	21	12 @ 1.43
BIB_SURF_00825	204064.17	7368549.85	589.87	-60	105	10	15	5 @ 3.31
BIB_SURF_00826	204234.396	7368491.04	590	-60	105	19	20	1 @ 0.48
BIB_SURF_00827	204209.676	7368497.71	589.94	-60	105	17	20	3 @ 0.78
BIB_SURF_00828	204187.134	7368503.87	590	-60	105	16	20	4 @ 1.13
						24	25	1 @ 0.59
BIB_SURF_00829	204176.321	7368506.85	589.99	-60	105	13	18	5 @ 0.81
BIB_SURF_00830	204162.448	7368510.2	590.02	-60	105	9	13	4 @ 0.50
BIB_SURF_00831	204135.937	7368517.66	589.96	-60	105	9	22	13 @ 0.67
BIB_SURF_00832	204111.732	7368523.97	589.92	-60	105	9	17	8 @ 0.89
BIB_SURF_00833	204088.518	7368530.15	589.86	-60	105	13	18	5 @ 2.11
BIB_SURF_00834	204065.548	7368536.46	589.81	-60	105	12	24	12 @ 1.85
BIB_SURF_00836	204376.883	7369112.77	591.93	-60	105	3	4	1 @ 0.83
BIB_SURF_00840	204372.575	7369049.34	591.75	-60	105	3	6	3 @ 0.71
BIB_SURF_00841	204548.743	7368989.3	591.38	-60	105	11	12	1 @ 0.40
BIB_SURF_00845	204553.341	7368871.92	591.2	-60	105	11	12	1 @ 0.54
BIB_SURF_00846	204497.815	7368808.77	591.03	-60	105	14	18	4 @ 0.64
BIB_SURF_00847	204489.549	7368772.22	590.94	-60	105	13	15	2 @ 0.71
BIB_SURF_00848	204478.403	7368775.15	590.91	-60	105	12	13	1 @ 0.50
BIB_SURF_00850	204129.559	7368726.01	590.56	-60	105	4	5	1 @ 0.99
BIB_SURF_00860	204139.517	7369125.84	592.21	-60	105	12	15	3 @ 1.00
BIB_SURF_00869	204130.13	7369101.97	591.64	-60	105	15	16	1 @ 1.52
BIB_SURF_00870	204118.454	7369104.71	592.35	-60	105	0	1	1 @ 0.65
BIB_SURF_00871	204106.338	7369107.79	592.46	-60	105	0	1	1 @ 0.76
BIB_SURF_00874	203816.993	7369107.52	590.92	-60	105	0	1	1 @ 0.51
BIB_SURF_00875	203805.045	7369110.91	590.99	-60	105	1	2	1 @ 0.95
BIB_SURF_00880	203799.861	7369099.44	590.86	-60	105	2	4	2 @ 0.76
BIB_SURF_00883	203827.435	7369079.18	590.96	-60	105	13	14	1 @ 0.67
BIB_SURF_00884	203815.047	7369082.28	590.97	-60	105	1	2	1 @ 0.43

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BIB_SURF_00885	203803.04	7369085.62	590.87	-60	105	2	4	2 @ 0.78
BIB_SURF_00886	203790.931	7369088.89	590.78	-60	105	3	4	1 @ 0.58
						14	15	1 @ 0.42
BIB_SURF_00887	203778.719	7369092.12	590.68	-60	105	1	6	5 @ 0.36
						15	16	1 @ 0.95
BIB_SURF_00888	203766.87	7369095.09	590.6	-60	105	9	10	1 @ 0.76
BIB_SURF_00890	203817.757	7369068.73	590.83	-60	105	3	4	1 @ 0.43
BIB_SURF_00891	203793.485	7369075.35	590.72	-60	105	1	7	6 @ 1.2
BIB_SURF_00892	203768.386	7369082.06	590.62	-60	105	10	11	1 @ 0.50
BIB_SURF_00894	203812.81	7369057.1	590.82	-60	105	4	6	2 @ 0.62
BIB_SURF_00895	203799.813	7369060.54	590.86	-60	105	1	7	6 @ 0.69
BIB_SURF_00896	203788.142	7369063.7	590.6	-60	105	2	14	12 @ 1.11
BIB_SURF_00897	203775.646	7369066.96	590.6	-60	105	0	9	9 @ 1.28
BIB_SURF_00898	203764.076	7369070.13	590.51	-60	105	1	17	16 @ 1.4
BIB_SURF_00899	203751.392	7369073.77	590.5	-60	105	2	3	1 @ 0.63
						14	19	5 @ 7.77
BIB_SURF_00900	203739.561	7369076.98	590.47	-60	105	0	2	2 @ 1.08
						18	19	1 @ 0.53
BIB_SURF_00901	203834.849	7369038.06	590.75	-60	105	2	8	6 @ 0.31
BIB_SURF_00903	203786.648	7369051.12	590.55	-60	105	1	11	10 @ 0.52
BIB_SURF_00904	203763.643	7369057.28	590.43	-60	105	3	11	8 @ 1.53
BIB_SURF_00905	203735.557	7369065.03	590.33	-60	105	10	11	1 @ 0.41
BIB_SURF_00906	203807.529	7369032.42	590.7	-60	105	8	14	6 @ 1.07
BIB_SURF_00907	203795.926	7369036.02	590.46	-60	105	2	3	1 @ 0.51
						16	18	2 @ 0.97
BIB_SURF_00909	203771.285	7369042.17	590.51	-60	105	6	7	1 @ 0.52
BIB_SURF_00910	203758.985	7369045.54	590.39	-60	105	2	3	1 @ 0.99
						7	12	5 @ 0.52
BIB_SURF_00911	203747.411	7369048.54	590.32	-60	105	4	5	1 @ 0.40
						10	15	5 @ 0.31
BIB_SURF_00912	203735.075	7369052.15	590.41	-60	105	10	15	5 @ 0.75
BIB_SURF_00914	203756.038	7369033.8	590.26	-60	105	0	2	2 @ 1.19
BIB_SURF_00915	203731.978	7369040.07	590.22	-60	105	5	11	6 @ 0.31
BIB_SURF_00917	203765.127	7369017.98	590.37	-60	105	11	13	2 @ 0.81
BIB_SURF_00918	203753.938	7369021.2	590.23	-60	105	9	18	9 @ 0.44
BIB_SURF_00919	203740.702	7369024.62	590.28	-60	105	15	18	3 @ 1.27
BIB_SURF_00921	203716.423	7369031.46	590.24	-90	0	14	18	4 @ 1.44
BIB_SURF_00923	203751.502	7369009.05	590.23	-60	105	8	9	1 @ 0.77
BIB_SURF_00930	203722.191	7369003.47	590.14	-60	105	16	17	1 @ 0.59
BIB_SURF_00934	203718.795	7368991.68	590.18	-60	105	2	5	3 @ 2.24
BIB_SURF_00947	203864.124	7368784.61	590.06	-90	0	1	4	3 @ 0.52
						9	10	1 @ 0.53
BIB_SURF_00948	203851.783	7368787.98	590.07	-90	0	1	2	1 @ 0.58
BIB_SURF_00949	203839.836	7368791.09	589.94	-90	0	1	3	2 @ 0.67
BIB_SURF_00952	203859.481	7368772.69	590.04	-90	0	1	2	1 @ 0.59
BIB_SURF_00953	203847.462	7368776.17	590.02	-90	0	1	6	5 @ 0.94
BIB_SURF_00954	203835.276	7368779.46	590	-90	0	2	4	2 @ 0.85
BIB_SURF_00955	203823.246	7368782.53	589.98	-90	0	1	3	2 @ 0.64
BIB_SURF_00957	204079.296	7368701.26	590.33	-60	105	4	8	4 @ 1.60
BIB_SURF_00958	204067.145	7368704.27	590.43	-60	105	5	9	4 @ 0.71
BIB_SURF_00959	204053.533	7368708.05	590.22	-60	105	6	7	1 @ 0.80
BIB_SURF_00960	203863.087	7368759.06	590.02	-90	0	2	3	1 @ 0.47
BIB_SURF_00963	203826.506	7368768.5	589.93	-90	0	2	4	2 @ 0.83
BIB_SURF_00964	203814.294	7368771.97	589.93	-90	0	2	4	2 @ 0.51
BIB_SURF_00965	203802.136	7368775.03	590.05	-90	0	2	3	1 @ 0.59
BIB_SURF_00966	204080.352	7368687.92	590.18	-60	105	5	9	4 @ 2.73
BIB_SURF_00967	204054.116	7368694.55	590.21	-60	105	5	8	3 @ 1.16
BIB_SURF_00968	204030.239	7368701.12	590.23	-60	105	6	7	1 @ 0.93
BIB_SURF_00969	203847.8	7368749.98	590.09	-60	105	3	4	1 @ 0.49
BIB_SURF_00970	203835.682	7368753.37	589.95	-60	105	1	5	4 @ 0.67
BIB_SURF_00971	203811.509	7368759.91	589.85	-60	105	3	6	3 @ 0.85
BIB_SURF_00972	203799.142	7368763.01	589.89	-60	105	4	5	1 @ 0.55

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BIB_SURF_00973	204079.056	7368675.16	590.17	-60	105	6	12	6 @ 1.93
BIB_SURF_00974	204056.016	7368681.35	590.22	-60	105	6	10	4 @ 1.05
BIB_SURF_00975	204043.813	7368684.49	590.09	-60	105	6	8	2 @ 1.97
BIB_SURF_00976	204031.57	7368688.09	590.09	-60	105	5	6	1 @ 0.81
BIB_SURF_00977	204019.43	7368691.05	590.03	-60	105	5	6	1 @ 0.57
BIB_SURF_00978	204007.484	7368694.34	590.1	-60	105	3	7	4 @ 0.45
BIB_SURF_00979	203995.1	7368697.44	590.04	-60	105	4	6	2 @ 0.51
BIB_SURF_00980	203842.809	7368738.44	589.91	-90	0	2	4	2 @ 0.58
BIB_SURF_00981	203819.195	7368744.8	589.54	-90	0	3	6	3 @ 0.73
BIB_SURF_00982	203806.881	7368748.13	589.8	-90	0	4	7	3 @ 0.94
BIB_SURF_00983	203794.556	7368751.41	589.74	-90	0	4	6	2 @ 0.66
BIB_SURF_00984	203782.36	7368754.49	589.82	-90	0	3	5	2 @ 0.66
BIB_SURF_00985	204074.55	7368663.33	590.11	-60	105	6	9	3 @ 3.06
BIB_SURF_00986	204048.318	7368670.43	590.08	-60	105	6	8	2 @ 0.57
BIB_SURF_00987	204036.209	7368673.56	590.03	-60	105	6	10	4 @ 1.70
BIB_SURF_00988	204023.91	7368676.88	590.05	-60	105	7	8	1 @ 0.93
BIB_SURF_00989	204011.94	7368680.07	590.07	-60	105	5	7	2 @ 1.06
						15	18	3 @ 1.50
BIB_SURF_00990	203999.823	7368683.57	590.1	-60	105	5	7	2 @ 0.72
BIB_SURF_00991	203987.78	7368686.53	590.11	-60	105	4	6	2 @ 0.51
BIB_SURF_00992	203975.836	7368689.96	590.15	-60	105	5	6	1 @ 0.71
BIB_SURF_00993	203949.144	7368696.95	589.96	-90	0	3	4	1 @ 0.96
BIB_SURF_00997	203854.155	7368722.62	589.84	-60	105	3	4	1 @ 0.67
BIB_SURF_00998	203831.075	7368728.77	589.77	-60	105	3	5	2 @ 1.06
BIB_SURF_00999	203805.069	7368735.65	589.81	-60	105	4	7	3 @ 0.90
BIB_SURF_01000	203780.67	7368742.22	589.81	-90	0	4	8	4 @ 0.62
BIB_SURF_01001	203759.731	7368747.97	589.77	-90	0	0	1	1 @ 0.42
						5	6	1 @ 0.44
BIB_SURF_01002	204068.377	7368652.17	590.15	-60	105	6	14	8 @ 2.10
BIB_SURF_01003	204056.46	7368655.27	590.04	-60	105	7	10	3 @ 3.5
BIB_SURF_01004	204044.893	7368658.37	590	-60	105	7	8	1 @ 0.8
BIB_SURF_01005	204032.771	7368661.47	590.06	-60	105	6	8	2 @ 0.97
						13	14	1 @ 0.40
BIB_SURF_01006	204020.92	7368664.84	589.99	-60	105	6	10	4 @ 1.73
BIB_SURF_01007	204008.505	7368668.21	590.05	-60	105	6	10	4 @ 1.78
						15	16	1 @ 5.52
BIB_SURF_01008	203998.627	7368670.56	589.95	-60	105	5	14	9 @ 1.03
BIB_SURF_01009	203984.604	7368674.5	589.89	-60	105	5	8	3 @ 1.36
						17	18	1 @ 1.41
BIB_SURF_01010	203972.517	7368678.26	589.93	-60	105	4	5	1 @ 0.87
BIB_SURF_01011	203960.391	7368681.34	590.02	-60	105	5	6	1 @ 0.82
BIB_SURF_01013	203933.542	7368688.12	590.02	-90	0	4	5	1 @ 0.76
BIB_SURF_01017	203836.716	7368714.07	589.78	-90	0	4	5	1 @ 0.61
BIB_SURF_01018	203823.758	7368717.67	589.83	-90	0	3	6	3 @ 0.85
BIB_SURF_01019	203812.343	7368720.51	589.73	-90	0	4	8	4 @ 1.02
BIB_SURF_01020	203799.091	7368723.91	589.72	-90	0	4	7	3 @ 0.97
BIB_SURF_01021	203788.452	7368727.09	589.73	-90	0	4	7	3 @ 1.03
BIB_SURF_01022	203776.389	7368730.4	589.79	-90	0	3	7	4 @ 1.01
BIB_SURF_01023	203764.529	7368733.33	589.69	-90	0	6	7	1 @ 0.51
BIB_SURF_01024	203752.305	7368736.64	589.7	-90	0	4	6	2 @ 0.70
BIB_SURF_01026	203728.161	7368743.24	589.57	-90	0	5	7	2 @ 0.55
BIB_SURF_01028	204066.342	7368639.69	590.03	-60	105	7	11	4 @ 1.34
BIB_SURF_01029	204041.862	7368646.48	590.01	-60	105	8	13	5 @ 2.82
BIB_SURF_01030	204017.321	7368652.99	589.94	-60	105	6	9	3 @ 1.69
BIB_SURF_01031	203991.581	7368659.82	589.91	-60	105	5	7	2 @ 1.36
						13	14	1 @ 0.41
BIB_SURF_01032	203968.398	7368666.02	589.98	-60	105	6	7	1 @ 1.47
BIB_SURF_01033	203944.316	7368672.57	589.81	-90	0	5	6	1 @ 0.44
BIB_SURF_01034	203919.895	7368678.97	589.9	-90	0	4	6	2 @ 0.61
BIB_SURF_01035	203907.923	7368682.19	589.73	-90	0	4	5	1 @ 0.52
BIB_SURF_01036	203895.761	7368685.56	589.62	-90	0	4	5	1 @ 0.66
BIB_SURF_01038	203847.985	7368698.42	589.7	-90	0	4	5	1 @ 0.69

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_01039	203823.361	7368704.78	589.57	-90	0	4	5	1 @ 1.28
BIB_SURF_01040	203800.9	7368710.84	589.45	-90	0	3	8	5 @ 1.07
BIB_SURF_01041	203776.589	7368717.38	589.49	-90	0	4	8	4 @ 0.68
BIB_SURF_01042	203750.931	7368724.23	589.51	-90	0	5	7	2 @ 0.58
BIB_SURF_01043	203725.672	7368731.09	589.53	-90	0	5	6	1 @ 0.4
BIB_SURF_01044	203703.775	7368737.05	589.49	-90	0	5	6	1 @ 0.55
BIB_SURF_01045	204069.737	7368625.93	590.06	-60	105	7	11	4 @ 1.50
BIB_SURF_01046	204057.412	7368629.22	589.94	-60	105	7	16	9 @ 1.44
BIB_SURF_01047	204045.592	7368632.27	589.97	-60	105	8	13	5 @ 2.57
BIB_SURF_01048	204033.257	7368635.8	590.04	-60	105	8	16	8 @ 2.79
BIB_SURF_01049	204021.71	7368638.89	590.06	-60	105	7	20	13 @ 0.89
BIB_SURF_01050	204009.386	7368642.18	589.97	-60	105	6	24	18 @ 1.42
BIB_SURF_01051	203997.186	7368645.4	589.81	-60	105	6	12	6 @ 0.51
						21	24	3 @ 0.95
BIB_SURF_01052	203985.072	7368648.65	589.89	-60	105	6	11	5 @ 0.96
BIB_SURF_01053	203973.159	7368651.92	589.95	-60	105	6	8	2 @ 1.38
						12	15	3 @ 0.97
BIB_SURF_01054	203960.976	7368655.06	589.93	-60	105	5	11	6 @ 0.45
BIB_SURF_01055	203949.014	7368658.38	589.94	-60	105	5	7	2 @ 0.77
						17	18	1 @ 0.41
BIB_SURF_01056	203937.447	7368661.04	589.67	-60	105	6	8	2 @ 1.23
						12	17	5 @ 0.26
BIB_SURF_01057	203930.468	7368663.37	589.81	-90	0	5	7	2 @ 0.86
BIB_SURF_01058	203917.599	7368666.82	589.79	-90	0	4	5	1 @ 0.50
BIB_SURF_01059	203893.822	7368673.06	589.77	-90	0	5	6	1 @ 0.51
BIB_SURF_01060	203881.566	7368676.52	589.81	-90	0	2	6	4 @ 0.33
BIB_SURF_01061	203867.378	7368680.15	589.79	-90	0	2	5	3 @ 1.26
BIB_SURF_01062	203851.775	7368684.58	589.74	-90	0	4	6	2 @ 0.43
BIB_SURF_01063	203827.178	7368691.08	589.69	-90	0	4	6	2 @ 0.81
BIB_SURF_01064	203814.695	7368694.34	589.65	-90	0	4	8	4 @ 1.10
BIB_SURF_01065	203802.773	7368697.63	589.63	-90	0	4	7	3 @ 1.06
BIB_SURF_01066	203790.279	7368700.91	589.51	-90	0	4	7	3 @ 1.01
BIB_SURF_01067	203779.02	7368703.75	589.67	-90	0	5	9	4 @ 0.56
BIB_SURF_01069	203742.834	7368713.46	589.74	-90	0	5	7	2 @ 0.66
BIB_SURF_01070	203730.102	7368716.85	589.42	-90	0	5	10	5 @ 0.79
BIB_SURF_01071	203718.301	7368719.95	589.59	-90	0	7	9	2 @ 1.09
BIB_SURF_01073	204056.734	7368616.49	589.94	-60	105	7	14	7 @ 2.42
BIB_SURF_01074	204033.943	7368622.45	590.1	-60	105	3	4	1 @ 0.64
						8	12	4 @ 3.07
BIB_SURF_01075	204020.025	7368626.38	589.91	-60	105	8	18	10 @ 1.08
BIB_SURF_01076	204008.386	7368629.39	589.91	-60	105	7	10	3 @ 1.99
						14	20	6 @ 1.78
BIB_SURF_01077	203984.763	7368635.69	589.92	-60	105	7	13	6 @ 0.86
BIB_SURF_01078	203971.918	7368639.09	589.82	-60	105	6	15	9 @ 1.54
						20	23	3 @ 1.08
BIB_SURF_01079	203959.853	7368642.56	589.84	-60	105	6	16	10 @ 0.59
						22	23	1 @ 0.55
BIB_SURF_01080	203947.771	7368645.51	589.81	-60	105	6	12	6 @ 1.47
						17	18	1 @ 0.7
BIB_SURF_01081	203935.622	7368648.91	589.85	-60	105	6	9	3 @ 0.84
						16	17	1 @ 0.61
BIB_SURF_01082	203923.918	7368652.2	589.76	-60	105	6	9	3 @ 0.76
BIB_SURF_01083	203910.591	7368655.78	589.69	-90	0	5	7	2 @ 0.64
BIB_SURF_01084	203886.011	7368662.3	589.7	-90	0	5	6	1 @ 1.05
BIB_SURF_01085	203862.818	7368668.31	589.65	-90	0	4	6	2 @ 0.80
BIB_SURF_01086	203827.783	7368677.95	589.47	-90	0	4	6	2 @ 0.70
BIB_SURF_01087	203813.277	7368681.92	589.47	-90	0	4	6	2 @ 1.09
BIB_SURF_01088	203789.757	7368688.07	589.33	-90	0	4	7	3 @ 0.93
BIB_SURF_01089	203764.003	7368695.05	589.47	-90	0	5	6	1 @ 0.58
BIB_SURF_01090	203738.502	7368701.81	589.53	-90	0	8	10	2 @ 0.66
BIB_SURF_01092	204063.249	7368601.72	589.98	-60	105	7	14	7 @ 1.93
BIB_SURF_01093	204051.204	7368605.07	589.97	-60	105	5	16	11 @ 2.52

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
BIB_SURF_01094	204039.08	7368608.15	589.92	-60	105	3	19	16 @ 2.95
BIB_SURF_01095	204026.919	7368611.53	589.99	-60	105	6	18	12 @ 1.84
BIB_SURF_01096	204015.74	7368614.55	589.93	-60	105	7	24	17 @ 2.79
BIB_SURF_01097	204003.084	7368617.9	589.91	-60	105	7	24	17 @ 1.70
BIB_SURF_01098	203990.82	7368621.11	589.96	-60	105	7	24	17 @ 1.40
BIB_SURF_01099	203978.67	7368624.45	589.91	-60	105	7	16	9 @ 1.80
						23	24	1 @ 1.43
BIB_SURF_01100	203966.585	7368627.64	589.86	-60	105	7	12	5 @ 1.63
BIB_SURF_01101	203954.518	7368630.82	589.89	-60	105	6	11	5 @ 1.04
						19	20	1 @ 12.62
BIB_SURF_01102	203942.493	7368633.9	589.93	-60	105	7	15	8 @ 1.38
BIB_SURF_01103	203930.65	7368637.29	589.86	-60	105	7	9	2 @ 1.00
BIB_SURF_01104	203918.583	7368640.59	589.87	-60	105	7	10	3 @ 0.82
BIB_SURF_01105	203917.115	7368641.06	589.86	-90	0	6	9	3 @ 0.92
BIB_SURF_01107	203893.231	7368647.4	589.74	-90	0	5	7	2 @ 0.61
BIB_SURF_01109	203868.591	7368653.91	589.64	-90	0	4	7	3 @ 0.53
BIB_SURF_01110	203856.642	7368657.14	589.61	-90	0	4	6	2 @ 0.52
BIB_SURF_01111	203845.772	7368659.94	589.6	-90	0	5	6	1 @ 0.59
BIB_SURF_01112	203832.295	7368663.45	589.67	-90	0	5	6	1 @ 0.46
BIB_SURF_01113	203820.45	7368667	589.65	-90	0	5	9	4 @ 0.56
BIB_SURF_01114	203808.372	7368670.45	589.46	-90	0	4	7	3 @ 0.65
BIB_SURF_01115	203796.234	7368673.51	589.43	-90	0	5	7	2 @ 1.00
BIB_SURF_01116	203784.419	7368676.51	589.43	-90	0	5	8	3 @ 0.57
BIB_SURF_01117	203772.221	7368679.9	589.5	-90	0	5	7	2 @ 0.72
BIB_SURF_01118	203760.116	7368683.23	589.59	-90	0	6	8	2 @ 0.84
BIB_SURF_01119	203748.628	7368685.89	589.44	-90	0	8	10	2 @ 0.56
BIB_SURF_01120	203735.72	7368689.36	589.59	-90	0	6	7	1 @ 0.40
BIB_SURF_01121	203723.697	7368693.08	589.51	-90	0	6	10	4 @ 0.55
BIB_SURF_01122	204055.833	7368590.93	589.88	-60	105	8	14	6 @ 2.00
						19	20	1 @ 0.59
BIB_SURF_01123	204027.312	7368598.45	589.81	-60	105	9	20	11 @ 1.73
BIB_SURF_01124	204005.568	7368604.5	589.87	-60	105	7	15	8 @ 1.18
						19	21	2 @ 1.45
BIB_SURF_01125	203979.213	7368611.44	589.87	-60	105	7	14	7 @ 1.71
						19	23	4 @ 5.54
BIB_SURF_01126	203956.298	7368617.51	589.77	-60	105	2	3	1 @ 2.14
						7	10	3 @ 1.37
BIB_SURF_01126	203956.298	7368617.51	589.77	-60	105	20	22	2 @ 0.62
BIB_SURF_01127	203931.156	7368624.35	589.84	-60	105	7	11	4 @ 1.95
BIB_SURF_01128	203906.166	7368630.99	589.76	-60	105	7	12	5 @ 0.45
BIB_SURF_01129	203894.359	7368634.35	589.71	-60	105	7	12	5 @ 0.77
BIB_SURF_01130	203882.41	7368637.05	589.72	-60	105	8	9	1 @ 0.63
BIB_SURF_01131	203858.025	7368643.84	589.6	-60	105	7	9	2 @ 0.75
BIB_SURF_01132	203845.499	7368647.12	589.63	-60	105	7	8	1 @ 0.47
BIB_SURF_01133	203811.127	7368656.47	589.47	-90	0	6	7	1 @ 0.57
BIB_SURF_01134	203798.788	7368659.8	589.4	-90	0	5	9	4 @ 0.75
BIB_SURF_01135	203786.558	7368662.85	589.41	-90	0	6	8	2 @ 0.77
BIB_SURF_01136	203762.857	7368669.31	589.34	-90	0	4	9	5 @ 1.04
BIB_SURF_01137	203738.848	7368675.79	589.28	-90	0	6	8	2 @ 0.98
BIB_SURF_01139	204064.082	7368575.71	589.93	-60	105	9	23	14 @ 1.36
BIB_SURF_01140	204052.048	7368578.87	589.88	-60	105	8	16	8 @ 2.14
BIB_SURF_01141	204039.876	7368582.23	589.8	-60	105	8	17	9 @ 3.44
BIB_SURF_01142	204027.769	7368585.34	589.85	-60	105	9	20	11 @ 1.40
BIB_SURF_01143	204015.905	7368588.49	589.9	-60	105	8	21	13 @ 1.74
BIB_SURF_01144	204003.731	7368591.79	589.88	-60	105	8	23	15 @ 1.72
BIB_SURF_01145	203991.998	7368594.63	589.89	-60	105	8	13	5 @ 2.48
						17	22	5 @ 1.09
BIB_SURF_01146	203979.241	7368598.2	589.85	-60	105	8	16	8 @ 1.73
						22	23	1 @ 1.66
BIB_SURF_01147	203967.022	7368601.61	589.91	-60	105	7	14	7 @ 1.54
						18	22	4 @ 0.96
BIB_SURF_01148	203955.305	7368604.67	589.82	-60	105	7	12	5 @ 1.28

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Hole ID	NAT East	NAT North	NAT RL	Dip	NAT Azi	From	To	Intersection
						18	23	5 @ 0.24
BIB_SURF_01149	203942.836	7368607.99	589.86	-60	105	7	17	10 @ 0.79
BIB_SURF_01150	203930.565	7368611.33	589.79	-60	105	7	12	5 @ 1.22
BIB_SURF_01151	203918.633	7368614.65	589.79	-60	105	7	11	4 @ 0.61
BIB_SURF_01152	203906.633	7368617.66	589.84	-60	105	7	8	1 @ 0.57
BIB_SURF_01153	203882.116	7368624.11	589.73	-60	105	7	10	3 @ 0.67
BIB_SURF_01154	203870.472	7368627.57	589.79	-60	105	7	8	1 @ 0.55
BIB_SURF_01155	203858.547	7368630.56	589.64	-60	105	8	9	1 @ 0.71
BIB_SURF_01156	203834.603	7368637.07	589.61	-60	105	7	8	1 @ 0.61
BIB_SURF_01157	203822.446	7368640.34	589.69	-60	105	7	9	2 @ 0.70
BIB_SURF_01158	203810.044	7368643.81	589.52	-60	105	7	9	2 @ 0.96
BIB_SURF_01159	203789.67	7368649.01	589.4	-90	0	6	8	2 @ 0.75
BIB_SURF_01160	203777.62	7368652.4	589.43	-90	0	5	8	3 @ 0.88
BIB_SURF_01161	203765.572	7368655.68	589.34	-90	0	5	7	2 @ 0.87
BIB_SURF_01162	203753.004	7368659.16	589.34	-90	0	6	8	2 @ 0.82
BIB_SURF_01163	203741.343	7368662.24	589.09	-90	0	6	7	1 @ 0.70
BIB_SURF_01164	203729.844	7368665.31	589.37	-90	0	6	11	5 @ 0.98
BIB_SURF_01165	203717.171	7368668.55	589.39	-90	0	6	7	1 @ 0.44
BIB_SURF_01166	203705.059	7368671.78	589.42	-90	0	11	13	2 @ 0.57
BIB_SURF_01169	204048.018	7368566.88	589.91	-60	105	9	16	7 @ 3.39
BIB_SURF_01170	204023.585	7368573.49	589.88	-60	105	9	19	10 @ 1.66
BIB_SURF_01171	204000.015	7368579.91	589.89	-60	105	8	22	14 @ 1.28
BIB_SURF_01172	203975.951	7368586.29	589.72	-60	105	8	15	7 @ 1.55
						19	22	3 @ 2.88
BIB_SURF_01173	203951.926	7368592.66	589.84	-60	105	8	14	6 @ 1.3
						21	22	1 @ 0.72
BIB_SURF_01174	203928.086	7368599.28	589.77	-60	105	8	14	6 @ 0.65
BIB_SURF_01175	203902.795	7368605.7	589.75	-60	105	8	10	2 @ 0.65
BIB_SURF_01176	203878.312	7368612.56	589.71	-60	105	7	10	3 @ 0.38
BIB_SURF_01177	203853.713	7368619.33	589.62	-90	0	6	8	2 @ 0.51
BIB_SURF_01178	203830.397	7368625.28	589.48	-90	0	6	7	1 @ 0.79
BIB_SURF_01179	203806.454	7368632	589.52	-90	0	6	7	1 @ 1.18
BIB_SURF_01180	203781.371	7368638.66	589.42	-90	0	5	9	4 @ 0.72
BIB_SURF_01181	203757.455	7368645.1	589.37	-90	0	6	9	3 @ 1.44
BIB_SURF_01182	203733.013	7368651.3	589.33	-90	0	5	8	3 @ 0.78
BIB_SURF_01183	203719.665	7368655.19	589.39	-90	0	6	11	5 @ 0.44
BIB_SURF_01184	203689.668	7368663.02	589.31	-90	0	10	11	1 @ 0.44
BIB_SURF_01186	203637.645	7368676.86	589.19	-90	0	7	8	1 @ 0.55
BIB_SURF_01187	203602.036	7368686.68	589.26	-60	105	9	10	1 @ 0.77
BIB_SURF_01188	204051.232	7368553.24	589.82	-60	105	9	16	7 @ 2.42
BIB_SURF_01189	204038.067	7368556.79	589.84	-60	105	10	16	6 @ 2.28
BIB_SURF_01190	204025.158	7368560.15	589.9	-60	105	8	23	15 @ 1.00
BIB_SURF_01191	204013.165	7368563.19	589.86	-60	105	10	20	10 @ 1.89
BIB_SURF_01192	204001.313	7368566.7	589.86	-60	105	8	18	10 @ 1.25
BIB_SURF_01193	203988.742	7368569.92	589.76	-60	105	8	14	6 @ 2.01
						19	23	4 @ 1.27
BIB_SURF_01194	203976.615	7368573.18	589.75	-60	105	8	22	14 @ 1.58
BIB_SURF_01195	203964.815	7368576.44	589.75	-60	105	8	13	5 @ 2.21
						22	24	2 @ 1.61
BIB_SURF_01196	203952.467	7368579.69	589.86	-60	105	9	13	4 @ 1.94
	203952.467	7368579.69	589.86	-60	105	20	24	4 @ 0.50
BIB_SURF_01197	203940.63	7368582.81	589.82	-60	105	8	14	6 @ 0.75
						22	23	1 @ 0.63
BIB_SURF_01198	203928.836	7368586.08	589.77	-60	105	8	12	4 @ 1.44
						21	24	3 @ 0.71
BIB_SURF_01199	203916.524	7368589.51	589.73	-60	105	9	16	7 @ 1.04
						22	24	2 @ 0.45
BIB_SURF_01200	203905.141	7368592.51	589.7	-60	105	8	11	3 @ 0.78
BIB_SURF_01201	203892.785	7368595.68	589.68	-60	105	8	13	5 @ 1.19
BIB_SURF_01202	203880.621	7368598.88	589.67	-60	105	8	12	4 @ 0.70
BIB_SURF_01203	203868.609	7368602	589.67	-60	105	3	4	1 @ 1.98
						8	13	5 @ 0.79

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BIB_SURF_01204	203856.75	7368605.26	589.61	-60	105	8	11	3 @ 0.53
BIB_SURF_01205	203844.605	7368608.38	589.59	-60	105	7	9	2 @ 0.50
BIB_SURF_01206	203832.488	7368611.88	589.5	-60	105	8	11	3 @ 0.47
BIB_SURF_01207	203817.585	7368615.83	589.44	-90	0	6	8	2 @ 0.69
BIB_SURF_01208	203805.06	7368619.25	589.49	-90	0	6	8	2 @ 0.56
BIB_SURF_01209	203792.819	7368622.43	589.41	-90	0	7	8	1 @ 1.03
BIB_SURF_01210	203780.499	7368625.85	589.39	-90	0	5	8	3 @ 0.76
BIB_SURF_01211	203768.589	7368628.78	589.38	-90	0	6	8	2 @ 0.92
BIB_SURF_01212	203756.107	7368632.07	589.29	-90	0	6	8	2 @ 0.88
BIB_SURF_01213	203744.319	7368635.54	589.32	-90	0	6	9	3 @ 1.10
BIB_SURF_01214	203731.936	7368638.7	589.26	-90	0	6	8	2 @ 0.95
BIB_SURF_01215	203719.784	7368641.87	589.26	-90	0	6	9	3 @ 0.53
BIB_SURF_01216	203695.442	7368648.41	589.23	-90	0	8	11	3 @ 1.04
BIB_SURF_01219	203647.305	7368661.42	589.24	-90	0	8	9	1 @ 0.60
BIB_SURF_01220	204042.599	7368542.74	589.82	-60	105	9	22	13 @ 1.7
BIB_SURF_01221	204031.101	7368545.59	589.73	-60	105	9	23	14 @ 1.93
BIB_SURF_01222	204011.237	7368550.89	589.76	-60	105	9	22	13 @ 1.67
BIB_SURF_01223	203991.15	7368556.4	589.74	-60	105	9	24	15 @ 1.71
BIB_SURF_01224	203967.262	7368562.79	589.73	-60	105	8	16	8 @ 1.87
						20	26	6 @ 2.37
						30	31	1 @ 0.45
BIB_SURF_01225	203943.374	7368569.24	589.71	-60	105	6	14	8 @ 1.24
						19	23	4 @ 0.35
BIB_SURF_01226	203920.226	7368575.42	589.66	-60	105	8	15	7 @ 1.43
BIB_SURF_01227	203896.115	7368581.83	589.66	-60	105	7	12	5 @ 0.97
BIB_SURF_01228	203883.669	7368585.17	589.72	-60	105	8	12	4 @ 0.65
BIB_SURF_01229	203871.941	7368588.41	589.7	-60	105	7	12	5 @ 1.05
BIB_SURF_01230	203847.792	7368594.79	589.61	-60	105	8	14	6 @ 0.59
BIB_SURF_01231	203835.353	7368598.2	589.54	-60	105	3	12	9 @ 0.46
BIB_SURF_01232	203823.489	7368601.08	589.48	-60	105	8	10	2 @ 0.59
BIB_SURF_01233	203811.355	7368604.65	589.46	-60	105	8	12	4 @ 1.01
BIB_SURF_01234	203799.229	7368607.8	589.45	-60	105	8	12	4 @ 0.70
						16	17	1 @ 0.57
BIB_SURF_01235	203787.051	7368610.9	589.42	-60	105	8	11	3 @ 0.79
BIB_SURF_01236	203775.273	7368614.21	589.4	-60	105	7	10	3 @ 0.88
BIB_SURF_01237	203750.545	7368620.83	589.36	-60	105	7	10	3 @ 0.85
BIB_SURF_01238	203737.876	7368624.12	589.35	-60	105	7	11	4 @ 1.02
BIB_SURF_01239	203724.853	7368627.68	589.34	-60	105	8	10	2 @ 0.81
BIB_SURF_01240	203699.585	7368634.38	589.28	-90	0	7	9	2 @ 0.64
BIB_SURF_01241	203678.216	7368640.23	589.23	-90	0	9	10	1 @ 0.96
BIB_SURF_01242	203665.522	7368643.68	589.21	-90	0	7	10	3 @ 0.62
BIB_SURF_01244	203617.205	7368656.5	589.22	-90	0	8	10	2 @ 0.55
BIB_SURF_01245	203568.715	7368669.51	589.26	-90	0	8	9	1 @ 0.55
BIB_SURF_01246	204042.207	7368529.67	589.67	-60	105	9	19	10 @ 1.44
BIB_SURF_01247	204030.25	7368532.92	589.66	-60	105	9	21	12 @ 1.23
BIB_SURF_01248	204000.703	7368540.83	589.62	-60	105	9	21	12 @ 2.05
BIB_SURF_01278	204032.56	7368519.45	589.65	-60	105	13	19	6 @ 1.88
BIB_SURF_01279	204009.708	7368525.63	589.59	-60	105	10	23	13 @ 0.71
BIB_SURF_01280	203986.084	7368531.77	589.59	-60	105	10	23	13 @ 1.21
BIB_SURF_01281	203961.987	7368538.39	589.6	-60	105	9	23	14 @ 1.63
BIB_SURF_01282	203939.277	7368544.56	589.59	-60	105	9	23	14 @ 1.72
BIB_SURF_01283	203915.814	7368550.81	589.62	-60	105	9	23	14 @ 1.77
BIB_SURF_01284	203890.232	7368557.42	589.64	-60	105	9	23	14 @ 0.79
BIB_SURF_01285	203866.83	7368563.87	589.73	-60	105	9	20	11 @ 0.62
BIB_SURF_01286	203854.553	7368567.16	589.82	-60	105	9	18	9 @ 0.62
BIB_SURF_01287	203842.953	7368570.55	589.59	-60	105	13	17	4 @ 0.62
BIB_SURF_01341	204029.302	7368494.24	589.64	-60	105	10	21	11 @ 1.3
BIB_SURF_01342	204004.912	7368501.04	589.62	-60	105	13	19	6 @ 1.34
BIB_SURF_01343	203979.813	7368507.51	589.59	-60	105	14	20	6 @ 2.29
BIB_SURF_01344	203956.921	7368513.81	589.55	-60	105	13	27	14 @ 1.56
BIB_SURF_01345	203933.257	7368520.17	589.5	-60	105	10	18	8 @ 1.50

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APPENDIX 3 – JORC CODE, 2012 EDITION TABLE 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	**Drilling** For aircore exploration (AC) and reverse circulation water exploration (WE-RC) drilling a primary sample was collected from the drill rig. The sample was collected in a bucket and then tipped in neat lines on the ground. The piles were then sampled by using a spear to collect a field composite (3m AC and 4m WE-RC) 2.0kg sample which was then placed in a calico bag. The last 1m interval for each AC hole (EOH) was sampled separately for multi element analysis. For Reverse Circulation grade control drilling (GC-RC) 2kg - 3kg samples are split from dry 1m bulk samples. The sample was collected through a cyclone and cone splitter. AC Field duplicates were collected at a ratio of 1:200. Certified reference material (CRM) were inserted at a ratio of 1:200. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges. No QAQC was conducted for the WE-RC. GC-RC had CRM's inserted at a ratio of 1:50. AC and WE-RC samples were sent to the laboratory where they were pulverised to produce a 10 g charge for aqua regia analysis for the field composites, 0.5g charge 53 element aqua regia analysis for the EOH samples. GC-RC samples were sent to the laboratory where they were pulverised to produce a 50 g charge for fire assay analysis. **Soils** Soil sampling was conducted during June 2020. Samples were collected on 400x400m and 1600mx400m grids and consisted of removing approximately 3.0kg of soil material from between 10cm and 30cm below surface. Samples were sieved to -177 microns to create a fine fraction sample generally 100g to 250g in weight for assay and dispatched to Intertek Genalysis Laboratory. Capricorn Metals inserts field duplicates at a ratio of 1:50 and are collected as a separate sample in close proximity to the original sample. OREAS certified reference material (CRM) was inserted at a ratio of 1:50 through sample population. The grade ranges of the CRM's were selected based on typical anomalous soil geochemical levels. Fine fraction soil samples were dispatched in 100g to 250g samples to Intertek Genalysis Laboratories in Perth. Samples were directly analysed without sample preparation. The determination of gold was by 0.5g aqua regia Ultima 53 element package with a 0.1ppb Au detection limit (AR005/MS53Au).
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	**Drilling** The AC drilling was completed using an 89mm blade bit. The WE-RC and GC-RC drilling were completed using a 140mm diameter face sampling hammer:
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	**Drilling** No recovery information was collected in any of the drilling. At the end of each metre the bit was lifted off the bottom to separate each metre drilled.

Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	**Drilling** AC/WE-RC chips were washed and stored in chip trays in 1m intervals for the entire length of each hole. Chip trays were stored on site in a sealed container. No chips were retained for the GC-RC drilling. Chips were visually inspected and logged by an on-site geologist to record lithology (including rock type, oxidation state, weathering, grain size, colour, mineralogy, and texture), alteration, mineralisation, veining, structure, sample quality (dry/wet, contamination) and approximate water flow down hole. Mineralisation, veining and water flow were quantitative or semi-quantitative in nature; the remainder of logging was qualitative. **Soils** Comments on lithology and regolith features. Electronic recorded logging has been captured. Logging is qualitative in nature and captured regolith environment comments.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	**Drilling** AC samples were collected as 3m field composites and WE-RC samples were collected as 4m field composites using a spear from the individual 1m sample piles on the ground. For GC-RC holes samples were split from dry, 1m bulk samples via a cone splitter directly from the cyclone. Field duplicates were collected at a ratio of 1:200 using the same method as the original sample for AC only. CRM were inserted at a ratio of 1:200 for AC only. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges. No duplicates or CRM's were used for the WE-RC. GC-RC sampling did not include any duplicates, and CRM's were inserted at a ratio of 1:50. The duplicates and CRM's were submitted to the lab using unique sample ID's. 2kg – 3kg AC and RC samples are submitted to the laboratory. Samples are oven dried at 105°C then crushed and pulverised. The AC and WE-RC samples were assayed using a 10g charge for aqua regia analysis, and EOH samples were multielement analysed using the AR005/MS53 which is an aqua regia assay with a mass spectrometer finish (AC only). The GC-RC samples were assayed using a 50g charge for fire assay analysis. These sample preparation techniques are appropriate for the Karlawinda Project; and are standard industry practice for a gold deposit. Quality control for maximising representivity of samples included insertion of field duplicates and laboratory duplicates for AC only. **Soils** Samples were collected by removing approximately 3.0kg of soil material from between 10cm and 30cm below surface. Samples were sieved to -177 microns to create a fine fraction sample generally 100g to 250g in weight for assay. Samples were dry. Fine fraction soil samples were sent to an accredited laboratory for analysis. No sample preparation was completed to minimise contamination. Field duplicates were submitted to the laboratory at a rate of 1: 50.and were collected as a separate sample in close proximity to the original. The sample sizes are believed to be appropriate to correctly represent the style of gold mineralisation present in the regolith

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		profile in the Sylvania Inlier.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	**Drilling** AC and WE-RC drilling samples were submitted to Intertek laboratory in Perth, and GC-RC samples were submitted to Aurum laboratory in Perth. Field duplicates were collected at a ratio of 1:200 and collected using the same sampling method as the original sample for AC only. CRM were inserted at a ratio of 1:200 for AC and 1:50 for GC-RC. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges. **Soils** 0.5g aqua regia ultima 53 Element Package is considered appropriate assay for multielement assay for the Karlawinda Project. Capricorn Metals sampling, OREAS certified reference material (CRM) was inserted at a ratio of 1:50. The grade ranges of the CRM's were selected based on historical grade populations for soil samples in the region.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	**Drilling** Logging and sampling were recorded directly into a Micromine field marshal template, which utilises lookup tables and in file validation on a Toughbook by the geologist on the rig. Validated data was sent to the database administrator in Perth who then carried out independent verifications using Maxwell's Datashed. Assay results when received were plotted on section and were verified against neighbouring holes. QAQC reports were generated on a hole-by-hole basis by the database administrator as results were received. Any failure in company QAQC protocols resulted in follow-up with the laboratory and occasional repeat of assays as necessary. **Soils** Assay results when received were plotted on plan and were verified by Capricorn Metals employees. Capricorn Metals sampling, data collection in field is captured in an electronic logging system for geological, regolith, sample id, assay and surveying information.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	**Drilling** The AC/WE-RC drillhole collar positions were surveyed before and after drilling using a handheld GPS. Drillhole location data was initially captured in the MGA94 grid system and have been converted to a local grid for resource estimation work. Drillhole collar positions for GC-RC were surveyed before and after drilling using a Trimble RTK system, comprising an R10-2 Base and Receiver and a Trimble TSC3 Data Collector. The Base was set up on KB01 located on "Laterite Hill", which was adopted as control for the surveys. All surveys were checked against and closed off on KB01DRM to ensure accuracy. Drillhole location data was initially captured in the MGA94 grid system and have been converted to a local grid for resource estimation work. Down hole surveys were not undertaken for the any of the drilling drilling due to the shallow nature of the holes. Any AC intercepts will be followed up with infill RC drilling using downhole surveys and more accurate collar survey technique. **Soils**

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		Sample locations were established and verified using hand held GPS.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	AC samples were collected and analysed for 3m field composites down the hole, with the EOH individual metre sampled separately for multi element analysis. WE-RC samples were collected and analysed for 4m field composites down the hole. GC-RC samples were collected at 1m intervals down the hole. Hole spacing was 100m x 500m for AC, and 12.5m by 12.5m for GC-RC. **Soils** Regional soil sample locations on a nominal 400m by 400m or 1600m by 400m grid.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	**Drilling** Where possible the AC exploration drilling programmes are planned to be drilled perpendicular to the orientation of the geology, with the WE-RC holes always drilled vertical. Significant mineralisation intervals in the AC will be followed up with infill RC drilling to better understand the orientation of mineralisation.
Sample security	• *The measures taken to ensure sample security.*	**Drilling** Calico sample bags are sealed into green bags/polyweave bags and cable tied. These bags were then sealed in bulka bags by company personnel, dispatched by third party contractor, in-company reconciliation with laboratory assay returns. **Soils** For the Capricorn Metals sampling, sample packets are sealed into cardboard boxes and then packaged in green plastic bags and taped up. The samples were dispatched by third party contractor. Box and sample delivery is matched between company data and laboratory assay returns.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	Program reviewed by company senior personnel.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	The Karlawinda Project is located in the Pilbara region of Western Australia on tenements M52/1070, E52/1711, E52/2247, E52/2398, E52/2409, E52/3323, E52/3363, E52/3364, E52/3450, E52/3474, E52/3533, E52/3541, E52/3543, E52/3571, E52/3656, E52/3671, E52/3677, E52/3729, E52/3797, E52/3808 held by Greenmount Resources Pty Ltd, a wholly owned subsidiary of Capricorn Metals. The soil sampling was completed on E52/3656, E52/3671 and E52/3729. The AC and WE- RC drilling was undertaken on M52/1070, E52/1711, E52/2247, E52/2409 and E52/3363, with GC-RC only on M52/1070. M52/1070 is within the area of granted E52/1711 exploration tenement in the Pilbara region of Western Australia. E52/1711 was acquired from BHPB in 2008. South32 (via the spin-out from BHPB) retain a 2% NSR whilst BHPB a claw-back provision whereby BHPB can elect to acquire a 70% equity in the project only if JORC compliant reported resources of 5,000,000 ounces of gold and/or 120,000 tonnes of contained nickel have been delineated. The Nyiyaparli People hold

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		Native Title over the area including E52/1711 and M52/1070. There is no known heritage or environmental impediments over the area being explored and heritage surveys are undertaken by the Nyiyaparli People prior to exploration work being undertaken. No other known impediments exist in the area.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	Prior to Capricorn Metals, the tenement was held by Independence Group NL (IGO) who undertook exploration between 2008 & 2014. Prior to Independence Group, WMC (BHP) explored the area from 2004 to 2008
Geology	• *Deposit type, geological setting and style of mineralisation.*	Bibra is part of a large-scale Archaean aged gold mineralized system. The resource is hosted within a package of deformed meta-sediments which has developed on at least two parallel, shallow dipping structures; Laterite oxide mineralization has developed over the structures close to surface. The primary mineralization is strata-bound with lineations identified as controlling higher-grade shoots. The deposit is oxidized to average depths of 50-70m. Regionally the target host rocks for exploration are meta-sedimentary units that have undergone folding and faulting. The greenstone belt is immediately to the south of the Sylvania Dome.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	Please See Table 1 for Results
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	**Drilling** Reported intercepts include a minimum of 0.4g/t Au value over a minimum length of 1m with a maximum 3m length of consecutive internal waste. No upper cuts have been applied.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	Where possible the exploration drilling programmes are planned to be drilled perpendicular to the orientation of the geology. Significant mineralisation intervals of the AC will be followed up with infill RC drilling to better understand the orientation of mineralisation.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	Refer to the diagrams in the body of this report and within previous ASX announcements.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	The accompanying document is a balanced report with a suitable cautionary note.
Other substantive	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological*	No other substantive exploration data is available to report.

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exploration data	*observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Further Drilling has been designed to finish the total 20,000 planned AC drilling in a phase 2 program. Infill may be required upon receival of all assays from phase 1 AC and WE-RC. The GC-RC for the laterite mineralisation will be completed in the December quarter. The soil sampling data will be reviewed with the aim of generating drill targets.

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Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Capricorn Metals Ltd

ABN	Quarter ended ("current quarter")
84 121 700 105	30 September 2020

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation (if expensed)	-	-
	(b) development	(25,329)	(25,329)
	(c) production	-	-
	(d) staff costs	(694)	(694)
	(e) administration and corporate costs	(267)	(267)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	108	108
1.5	Interest and other costs of finance paid	(275)	(275)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	75	75
1.9	**Net cash from / (used in) operating activities**	**(26,382)**	**(26,382)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(327)	(327)
	(d) exploration & evaluation (if capitalised)	(682)	(682)
	(e) investments	-	-
	(f) other non-current assets	-	-

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Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	**Net cash from / (used in) investing activities**	**(1,009)**	**(1,009)**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	32,300	32,300
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	40	40
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(1,222)	(1,222)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	(133)	(133)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	**Net cash from / (used in) financing activities**	**30,985**	**30,985**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	45,697	45,697
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(26,382)	(26,382)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(1,009)	(1,009)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	30,985	30,985

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**49,291**	**49,291**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter $A'000	Previous quarter $A'000
5.1	Bank balances	49,291	45,697
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**49,291**	**45,697**

6.	Payments to related parties of the entity and their associates	Current quarter $A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	141
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

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7.	**Financing facilities** *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities	80,000	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	20,000	12,500
7.4	**Total financing facilities**	100,000	-

7.5	**Unused financing facilities available at quarter end**	87,500
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

Project Loan Facility of $80 million and a Bank Guarantee of $20 million at an interest rate of 1% with Macquarie Bank Ltd. Macquarie Bank Ltd have first ranking security over the assets of Greenmount Resources Pty Ltd, a wholly owned subsidiary of Capricorn Metals Ltd and corporate guarantee.

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (Item 1.9)	(26,382)
8.2	Capitalised exploration & evaluation (Item 2.1(d))	(682)
8.3	Total relevant outgoings (Item 8.1 + Item 8.2)	(27,064)
8.4	Cash and cash equivalents at quarter end (Item 4.6)	49,291
8.5	Unused finance facilities available at quarter end (Item 7.5)	87,500
8.6	Total available funding (Item 8.4 + Item 8.5)	136,791
8.7	**Estimated quarters of funding available (Item 8.6 divided by Item 8.3)**	5

8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:

1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer:

2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer:

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

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Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: 27 October 2020

Authorised by: The Board of Directors

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.

2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".

5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.

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