TEM | Yalgoo - Further Geochemical Sampling Extends Sanity Gold Anomaly (Amended)

Tempest Minerals Limited (ASX: TEM "Tempest" or "the Company") provides the following as an amendment to the ASX Announcement released on 21 May 2025.

The announcement has been amended to include:

- Body
  - Updated image for clarity of point data
  - Minor textual changes to reflect previously announced data

- Appendix
  - 'Not applicable' changed to reflect JORC table if not why not requirements
  - Additional locational data

This announcement has been authorised for release by the Board of the Company.

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Key Points

- Surface sampling extends gold anomalism including soil samples up to 294ppb gold
- Enhanced gold footprint beside known gold deposit bode well for prospectivity
- Further work planned at Sanity target to progress towards drilling

Summary

Tempest Minerals Ltd (TEM) is pleased to provide updated information on the Sanity Target. Further geochemical sampling at the Sanity Prospect, part of the Yalgoo Project, has led to the confirmation and enhanced definition of the previously identified gold anomaly. The sampling density was tightened from 200m x 200m to 100m x 100m, significantly improving the resolution of geochemical data and highlighting a more coherent and continuous gold anomaly. The results increase confidence within the Sanity Prospect and confirms the potential for a large-scale mineralised system in the project area.

Yalgoo Project

Background

The Yalgoo Project contains a previously unrecognised extension of the Yalgoo Greenstone belt identified through the innovative use of data analysis and is part of the flagship 100% Yalgoo regional holdings, which are adjacent numerous world-class gold, base metal and iron ore deposits [1].

TEM previously identified further easterly extensions to the belt [2] and expanded this to further to consolidate the Company's dominant position, comprising more than 1,000 km^2 of high potential exploration ground [3].

TEM has conducted the first-ever systematic exploration in this portion of the Yalgoo Project and the discovery of multiple mineralisation occurrences [4, 5] by Tempest in exploration within the same belt including the 2024 discovery of the Remorse >4km Remorse Magnetite deposit [6, 7].

Nearby geological mapping and surface geochemistry slightly to the south also uncovered the Sanity gold target [8,] which was followed up in 2023 with the completion of additional surface sampling at the Sanity Target [9].

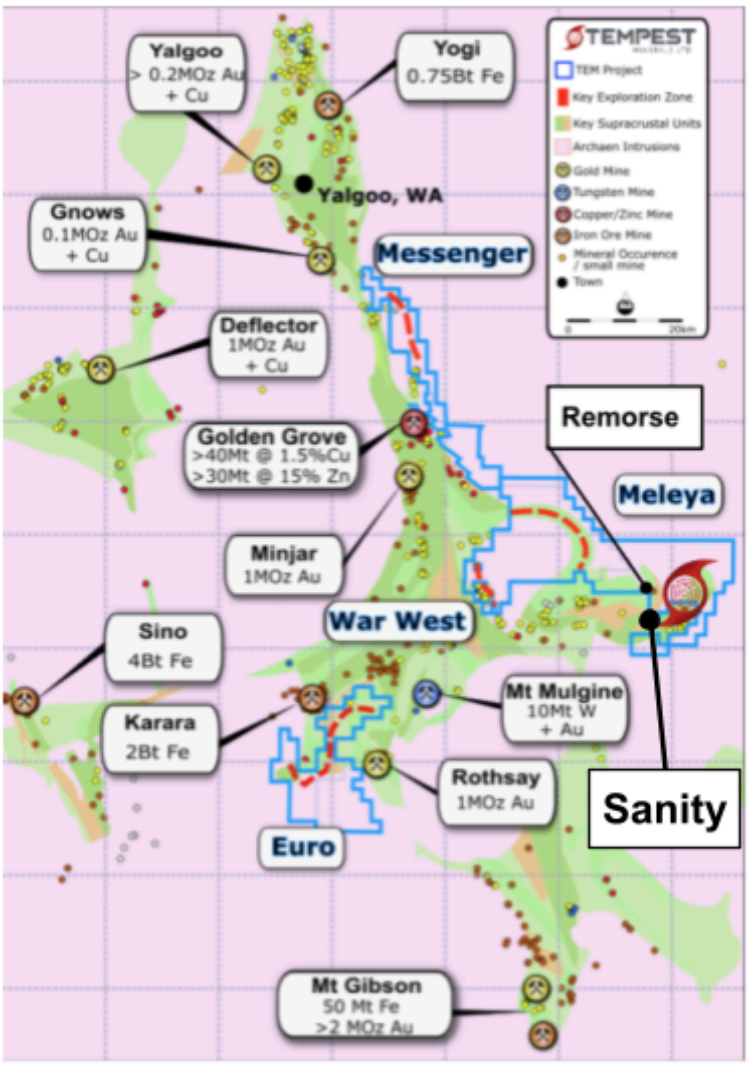

Figure 01: Stylised Yalgoo Belt Geology with Eastern Targets

Sanity Target

The Yalgoo project has a multitude of prospective targets, including the Sanity Target. Sanity presents as a local distortion in geophysical datasets (including the 2023 airborne electromagnetic survey [10]), which correlates strongly with a multi-element geochemical anomaly in the collected samples (over 200 samples in this area).

Contoured results for gold, shown in Figure 02, delineate strong, coherent anomalous zones. Gold having soil peaks of up to 294ppb follow similar geometry correlating strongly with geophysical features immediately to the south. Gold and silver follow an identical geochemical dispersion, further confirming the robustness of the anomaly.

Individual rock chips from nearby mine workings (shafts) within the same geology trends have returned results of up to 7g/t gold and 0.2% copper and >60% Iron, conforming to the regional exploration targets for gold, base metals and iron (*refer ASX release 30 October 2023 - Yalgoo Update - Gold Geochem Anomaly At Sanity Target*).

Elevated nickel above standard crustal levels, typically indicative of mafic and ultramafic rocks - such as pyroxenite and metamorphosed mafics, present in the geological mapping in the vicinity, are potentially indicative of a broader mineralised system, such as the high-grade gold system adjacent at the Barron Rothchild deposit [11].

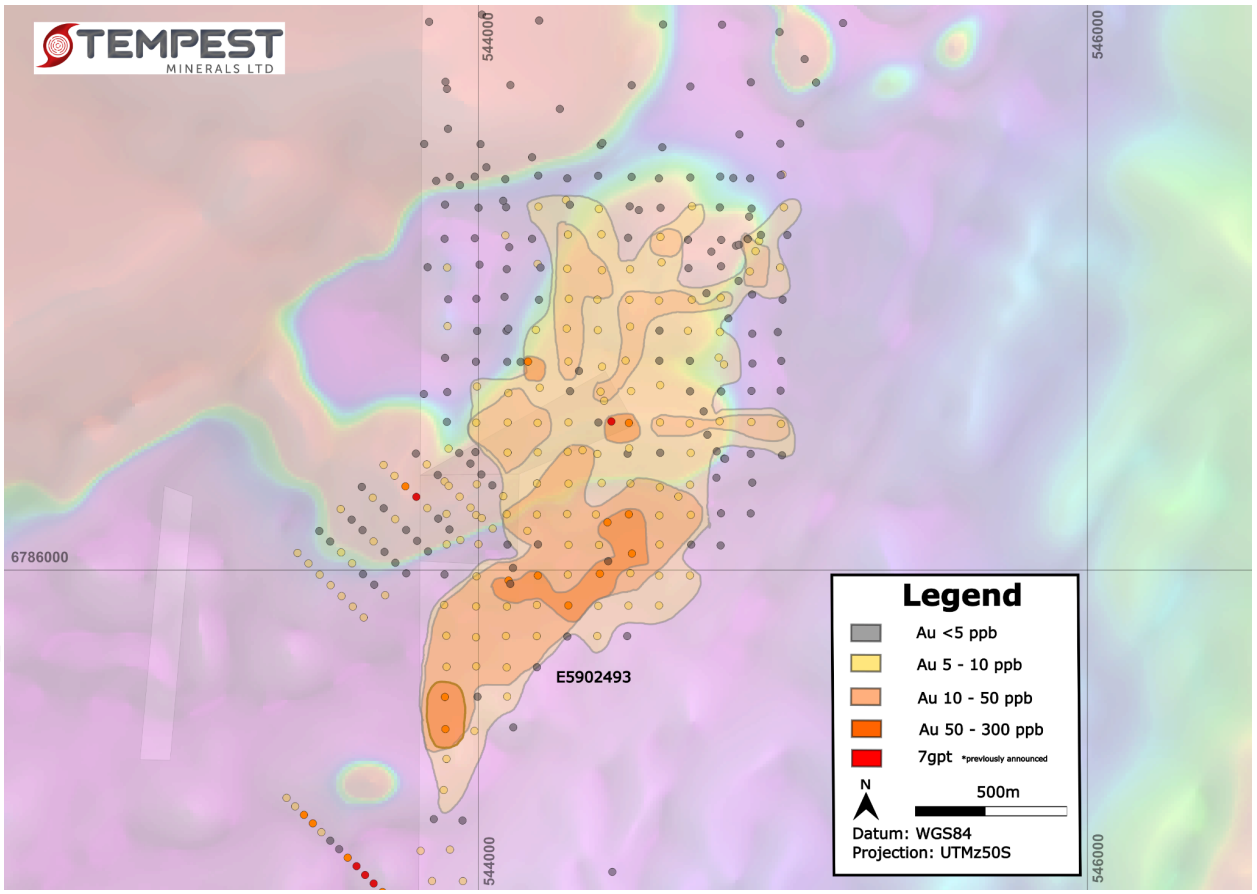

Figure 2: Sanity Target, magnetics and surface sampling results - Gold

Next Steps

- Assessment of results with respect to regional and context for potential drilling in progress
- Approvals for future works and geological modelling
- Subject to outcome of further assessment works, targeting a drilling program.

The Board of the Company has authorised the release of this announcement to the market.

About TEM

Tempest Minerals Ltd is an Australian based mineral exploration company with a diversified portfolio of projects in Western Australia considered highly prospective for precious, base and energy metals. The Company has an experienced board and management team with a history of exploration, operational and corporate success.

Tempest leverages the team's energy, technical and commercial acumen to execute the Company's mission - to maximise shareholder value through focused, data-driven, risk-weighted exploration and development of our assets.

Investor Information

investorhub.tempestminerals.com

TEM welcomes direct engagement and encourages shareholders and interested parties to visit the TEM Investor hub which provides additional background information, videos and a forum for stakeholders to communicate with each other and with the company.

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Forward-looking statements

This document may contain certain forward-looking statements. Such statements are only predictions, based on certain assumptions and involve known and unknown risks, uncertainties and other factors, many of which are beyond the company's control. Actual events or results may differ materially from the events or results expected or implied in any forward-looking statement. The inclusion of such statements should not be regarded as a representation, warranty or prediction with respect to the accuracy of the underlying assumptions or that any forward-looking statements will be or are likely to be fulfilled. Tempest undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date of this document (subject to securities exchange disclosure requirements). The information in this document does not take into account the objectives, financial situation or particular needs of any person or organisation. Nothing contained in this document constitutes investment, legal, tax or other advice.

Competent Person Statement

The information in this announcement that relates to Exploration Results and general project comments is based on information compiled by Jirka Just who is the Geology Manager of Tempest Minerals Ltd. Jirka is a Member of the AIG and has sufficient experience relevant to the style of mineralisation under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Jirka consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix A: References

1. TEM ASX Announcement dated 06 August 2020 "Enhanced Prospectivity at the Meleya Zone Murchison Province" ➤
2. TEM ASX Announcement dated 02 March 2022 "Meleya Update - Expansion of granted tenure" ➤
3. TEM Presentation 202412 Mines & Money ➤
4. TEM ASX Announcement dated 28 March 2022 " Meleya Update - Significant Discovery" ➤
5. TEM ASX Announcement dated 09 December 2022 " Meleya Update - Completion of drilling" ➤
6. TEM ASX Announcement dated 24 October 2024 "High-Grade Iron Intercepted In Early Drilling At Remorse" ➤
7. TEM ASX Announcement dated 3 December 2024 "High-Grade Magnetite Deposit Emerging at Remorse" ➤
8. TEM ASX Announcement dated 30 October 2023 "Gold Geochem Anomaly At Sanity Target ➤
9. TEM ASX Announcement dated 21 August 2023 " Yalgoo Update - Remorse Geochem and Heritage Surveys Completed" ➤
10. TEM ASX Announcement dated 16 October 2023 "Yalgoo Update - EM Survey Identifies Multiple High Priority Targets" ➤
11. WA8 ASX Announcement dated 12 July 2023 "Rothschild Deposit Grows Significantly" ➤

Appendix B: JORC 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 (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	• 300g sample collected from the top of the B horizon and placed into a pulp bag for assay. Samples were unsieved as per lab analysis requirements. • The unsieved sample is considered representative of the sampled material. • Soil sample bags were collected onsite and delivered to LabWest Minerals Analysis in Perth by Tempest personnel, and were tested via UltraFine+ gold and multi-element (50 elements) assay method. • Soil samples are only used to determine the presence of gold plus 50 elements and are not used to determine mineral resources or reserves. • Rock chip samples were collected from outcrops using a geological hammer and placed into pulp bags/calico bags for gold and multi-element (50 elements).
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• No drilling was conducted.

Criteria	JORC Code explanation	Commentary
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.*	• No drilling was conducted.
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.*	• Soils were qualitatively logged, including colour and texture and other geological context where practicable.
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.*	• No core or subsampling was conducted.

Criteria	JORC Code explanation	Commentary
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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• UltraFine+ analysis was used to determine gold and multi-element content. This method was chosen as it detects low levels of Au and multi-elements within ultrafine (< 2 µm) fraction of soil samples. • UltraFine+ Leachwell is considered a partial method as only gold recoverable from cyanide will be reported. • Laboratory QAQC results were used to determine the quality of data. • All samples were submitted to LabWest Minerals Analysis in Perth and were multi-element (50 elements) tested via UltraFine+ analysis UFF-PE. • No QAQC issues were encountered.
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.*	• No verification outside of QAQC mentioned above were conducted.
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.*	• Sample point locations collected by handheld GPS (±3m horizontal, up to 12m vertical error - however error was consistently below 4m. • Datum WGS84 Grid UTM Zone 50S
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.*	• Samples were located on a grid oriented at 090 on a nominal 100m line spacing and 100m sample spacing.

Criteria	JORC Code explanation	Commentary
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.*	• Soil sample points were located perpendicular to the general strike of geological formations when they were encountered. Most samples were acquired in areas with reasonably abundant outcropping surface geology although much of it was deeply weathered. • Instances where the planned sample spacing was not adhered to were due to either accessibility issues or insufficient soil cover. • Rock chip samples separate to the soil sampling grid were sporadically acquired from features of interest but were not used in the creation of the contoured geochemical maps so as to not introduce bias. • Each rock chip sample bag was composed of a representative selection of rock chips acquired across each sampled outcrop to minimise bias.
Sample security	• *The measures taken to ensure sample security.*	• Sample bags were collected onsite, photographed, and moved in scheduled weekly or collections directly to the laboratory in Perth by Tempest or contract personnel. • All data is securely stored in the Tempest 'Geobank' database.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Sampling was conducted by experienced Tempest and contract personnel using consistent, repeatable, industry-recognised methodology. • All sample data was collected electronically in the field using GRID mobile software. • Results were confirmed using lab QA/QC. • Assay results were thoroughly reviewed by Tempest staff. • All data is stored in the Tempest 'Geobank' database.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

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.*	• All soil information quoted is from E5902493 and E5902786. These licences are 100% owned by Warrigal Mining Pty Ltd which is a subsidiary of Tempest Minerals Ltd. • No overriding interests are present to the Company's knowledge. There are no impediments to working in the area. • Tempest acknowledges the traditional owners of the land.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Tempest acknowledges the work by previous explorers including Minjar, Goldfields Exploration Pty Ltd, Thundelarra Exploration Ltd, and Royal Resources Ltd.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The project area lies over the easternmost interpreted extension of the Yalgoo Greenstone belt within the Warriedar Fold Belt. • The Warriedar Fold Belt is known to comprise a folded sequence of dolerite and gabbro intercalated with basalt, Banded Iron Formation (BIF), sediments, and ultramafics. The area is known to host several historical gold workings at the Pinyalling Mining Centre (adjacent to the tenement area) where 958 ounces of gold was produced between 1902 - 1939 and later the Baron Rothschild project (pyrite and pyrrhotite-associated gold-hosted BIF) explored by Thundelarra Exploration during the late 1990s. • Extensive historic works have been conducted over the eastern extension of the Yalgoo Greenstone belt immediately west of the sampling area, and by correlation, can infer a deeper understanding of the East Meleya Project geology supported by recent mapping. The main geology consists of a basal sequence of mafic and ultramafic rocks overlain by a thick sequence of felsic volcanic rocks, and later by jaspilitic BIF and banded grey chert intercalated with felsic volcanics. This is predominantly consistent with mapping conducted at the sampling area. • The Sanity target is a coincidental geophysical (magnetic high and magnetic low) and geochemical (Au) anomaly.

Criteria	JORC Code explanation	Commentary
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:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *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.*	• No drillhole data is used in this announcement
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.*	• No data aggregation methods were used. • No metal equivalent values are reported.
Relationship between mineralisation widths and	• *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.*	• No mineralisation widths or intercepts are quoted in this announcement. • Grades are from soil sampling (point data) only

Criteria	JORC Code explanation	Commentary
intercept lengths	• *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	
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.*	• Appropriate diagrams and/or tabulations are included in the body of the announcement.
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 complete set of sample points and assay grade results are presented in map form (Figure 2) in th body of the announcement. No sample locations or assay results are excluded. •
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological 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.*	• No drilling was undertaken • Further exploration results by TEM can be found in the Company's list of ASX announcements • This announcement references some of these in Appendix A including the pertinent previous releases. • All relevant exploration data related to the current sampling has been included in this report. • All data related to geochemical sampling by Tempest Minerals is available in the C166/2022 Combined Reporting Group annual reports A135604 (2023/24) and A148482 (2024/25).

Further work	• *The nature and scale of planned further work (eg 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.*
		• Tempest Minerals will progress regulatory approvals and develop an initial drill program for the resultant target area.
		• A POW (Reg. ID: 123402) is approved for the target area.
		• Exploration programs planned going forward may include:
		  ○ Detailed geological interpretations and modelling
		  ○ Downhole Electromagnetics
		  ○ Airborne and ground-based EPR geophysical surveys
		  ○ RAB or Aircore drilling
		  ○ RC Drilling
		  ○ Diamond Drilling
		  ○ Further survey mapping and geochemical sampling

Appendix C: Results

East	North	Alti	Au_PPM
544440.47	6785012	324	0.001
542321.13	6784178	317.039	0.006
542176.613	6784318	324.367	0.123
542120.365	6784374	324.237	0.088
542063.139	6784430	324.864	0.139
543398.722	6785226	341.717	0.011
543427.821	6785198	343.466	0.105
543514.138	6785114	345.905	0.005
543571.361	6785058	344.683	0.102
543685.8	6784946	341.031	0.139
543714.898	6784918	337.184	0.072
542036.898	6784175	321.315	0.016
541979.672	6784231	322.595	0.059
541950.573	6784259	323.132	0.024
541766.007	6783292	311.891	0.008
542888.725	6784731	321.047	0.012
542859.63	6784759	320.493	0.031
543835.099	6786061	326.045	0.002
543689.607	6786202	325	0.003
543727.869	6786024	323.403	0.004
543691.984	6786059	323.615	0.003
543656.094	6786094	324	0.007
543584.322	6786165	321.857	0.004
543548.432	6786199	321.213	0.007
543694.365	6785917	323	0.006
543674.586	6784301	317.159	0.002
544040.352	6784749	323.021	0.02
542181.777	6782810	307.242	0.001
542181.415	6784035	317.574	0.001
542292.036	6784207	319.16	0.01
542149.46	6784346	324.288	0.089
543456.919	6785171	346.069	0.058
542123.218	6784091	319.686	0.005
543743.995	6784890	331.565	0.054
543937.578	6786383	328.435	0.001
542961.469	6784661	320.62	0.003
541730.124	6783328	312.715	0.007
543100.418	6783558	308.816	0.001
543369.551	6783947	312.502	0.001
542617.591	6783279	307.385	0.001
542219.649	6783051	307.024	0.001
541923.42	6784287	323.384	0.013
541865.224	6784343	325.781	0.026
542234.811	6784262	321.673	0.009
542205.712	6784290	323.52	0.113
542091.265	6784402	324.296	0.18
543370.597	6785254	339.585	0.047
543543.236	6785086	344.776	0.002
543656.703	6784974	343.781	0.529
543801.211	6784833	327.045	0.11
542065.997	6784148	321.995	0.031
542008.772	6784203	322	0.075
541801.889	6783257	311	0.005
543004.145	6784619	320.974	0.002
543763.325	6786131	324.981	0.002
543727.439	6786167	323.795	0.008
543617.83	6786272	323.33	0.001
543621.613	6785986	322.582	0.003
543585.727	6786022	323.685	0.007
543623.994	6785845	323.812	0.01
543479.471	6785985	322.751	0.006
543442.616	6786021	322.062	0.02
543832.72	6786203	325.425	0.014
543689.172	6786344	323.669	0.006
543831.318	6786346	328.816	0.006
543795.432	6786381	328.232	0.005
542888.729	6784732	321.047	0.023
542859.63	6784759	320.493	0.017
543588.109	6785880	322.396	0.01
543551.247	6785915	322	0.008
543796.839	6786240	325.495	1.8
543760.949	6786274	324.875	0.065
541622.472	6783433	317.31	0.006
543974.864	6786204	327	0.011
543938.979	6786240	326.4	0.012
543903.093	6786276	326.183	0.006
543004.145	6784619	320.974	0.001
543549.842	6786058	323.007	0.01
543513.956	6786093	323.948	0.002
543478.065	6786128	321.931	0.003
544082.097	6786242	331.542	0.007
543515.361	6785950	322.427	0.011
541658.355	6783398	315.811	0.007
543941.357	6786098	326.193	0.006

543905.468	6786133	327.201	0.005
543868.609	6786168	326.612	0.004
543725.059	6786308	324.505	0.017
544011.726	6786170	328.519	0.007
542960.5	6784662	320.62	0.006
542946.922	6784675	320.589	0.026
542924.612	6784696	320.954	0.01
544046.212	6786277	329.215	0.001
542408.231	6782725	308.722	0.001
541894.324	6784315	323.742	0.649
542262.937	6784234	319.998	0.015
542152.316	6784063	318.781	0.012
542034.039	6784458	323.296	0.018
542004.939	6784486	323	0.004
543485.04	6785142	346.309	0.021
543600.459	6785030	343.877	1.27
543628.579	6785001	344.158	0.304
543772.118	6784862	328.21	0.125
542095.092	6784119	320.738	0.001
543974.442	6786349	327.48	0.001
542946.922	6784675	320.589	0.031
542924.612	6784696	320.954	0.05
543799.21	6786095	326.067	0.002
543653.717	6786237	323.884	0.006
543763.758	6785989	323.537	0.002
543620.212	6786130	323.124	0.004
543658.475	6785952	322.084	0.004
541694.242	6783363	314.537	0.012
543406.726	6786056	321.4	0.035
544047.615	6786136	329.323	0.006
543867.208	6786311	327.246	0.003
544010.327	6786313	326.66	0.004
542399.994	6783393	285.9210815	0.0084
542182.987	6783404	287.5432129	0.0036
542389.8	6783795	308.7046813	0.0023
542250.89	6783606	288.6923218	0.011
542206.852	6783806	309.4340999	0.0062
542792.781	6783800	290.0220947	0.013
542333.622	6783606	292.307312	0.0032
542332.657	6783608	310.2378181	0.002
543000.091	6783797	288.9576416	0.0031
543084.342	6784201	296.977417	0.0026
542903.48	6783990	290.232605	0.0025
542311.77	6784015	294.7314453	0.0091
542505.379	6783991	290.71521	0.0158

542418.654	6784228	309.8039074	0.012
542696.162	6783992	291.8223877	0.0109
543105.968	6783999	295.2041626	0.0009
542798.183	6784205	296.0983887	0.0058
542423.537	6784233	298.7711182	0.0166
542695.719	6784397	295.2266846	0.0286
543107.47	6784398	297.2598877	0.0027
544342.616	6786393	324.0209961	0.0202
544597.542	6786605	313.1086426	0.0093
544437.414	6786486	351.659	7.92
544406.955	6786666	327.0623169	0.0074
544657.46	6786241	337.378	0.0279
544330.96	6786652	325.1576538	0.004
544504.863	6786054	320.1540051	0.0554
544202.236	6786597	326.0053711	0.0079
543995.853	6786601	320.2987061	0.0085
543821.488	6786576	307.2280273	0.0016
544161.492	6786128	329.6598644	0.014
544099.535	6785966	336.1227551	0.0729
544846.614	6787062	309.999	0.001
545109.64	6787596	335.8217297	0.0022
544688.777	6786783	338.6697521	0.0083
545102.451	6787997	302.9908447	0.0011
544992.017	6787396	308.6663818	0.0007
544797.67	6786995	324.9366455	0.0013
544702.047	6787191	321.3414307	0.01
545280.601	6787988	319.666798	0.0023
544895.437	6787597	330.1442871	0.0018
544290.604	6786790	315.0426025	0.0287
544604.46	6787384	328.7261486	-0.0005
544527.718	6787178	306.3618164	0.0042
544407.838	6787398	326.5517712	0.0016
544498.981	6786797	321.2268066	0.0299
544800.754	6787786	333.4927824	0.001
544606.995	6787786	321.834	0.0016
544696.757	6787583	312.0953369	0.001
544696.421	6787998	314.1030884	0.0018
544195.034	6787002	324.75	0.0072
543833.783	6786992	336.7396984	0.0017
544503.987	6787587	300.7597046	0.001
544288.333	6787212	303.7657471	0.0065
543897.35	6787575	341.2045422	0.0018
544486.105	6787999	303.4088745	0.0015
544004.196	6787000	330.1385021	0.0016
544300.93	6787196	304.3641357	0.0048

544105.761	6787588	324.0373058	0.0027
544012.2	6787819	323.354659	0.0032
544204.492	6788196	293.302063	0.0019
543898.937	6787991	318.4260308	0.0008
544101.509	6788002	317.4063934	0.0018
544098.805	6786790	314.4013672	0.0018
543702.796	6788390	291.6022339	0.0025
543838.393	6788200	293.0158691	0.0009
544993.227	6788203	303.2859497	0.0008
544290.387	6787997	317.060133	0.001
543838.794	6787795	331.2292004	0.0015
544092.938	6786783	318.9036865	0.0013
544200.045	6787799	321.7595731	0.0025
545198.657	6788196	295.3540039	0.0014
545400.252	6788205	296.5791016	0.0028
543891.034	6787196	338.8986915	0.0045
544401.97	6787392	301.3001709	0.0046
543675.061	6788779	310.9217435	0.0016
544653.268	6788168	316.8695812	0.001
543490.091	6788791	310.868	-0.0005
543298.72	6788396	293.3317871	0.0009
544204.723	6786990	304.1268311	0.005
543108.821	6788390	290.1131592	0.0018
543211.752	6788574	309.2659435	0.0019
544007.654	6787394	332.9954968	0.0024
543892.712	6788401	295.2052002	0.0015
543587.747	6788608	309.489	0.0006
543496.385	6788396	288.8249512	0.0018
544774.477	6788289	305.523	0.001
544796.479	6788188	310.020874	0.004
542705.736	6788401	292.4644775	0.0006
542901.445	6788398	288.1560059	0.0015
543802.87	6788588	310.3764172	0.0027
544386.029	6788558	312.8037044	0.0011
544497.395	6788400	299.189209	0.0005
544807.797	6788593	310.6420422	0.0012
545296.86	6788408	290.7329102	0.0039
544605.338	6788614	310.3156262	0.0011
544300.7	6788399	297.3634033	0.0024
544022.049	6788611	320.3204836	0.002
544185.581	6788596	311.778982	0.0013
544989.859	6788586	311.966995	-0.0005
543823.405	6784782	305.7313232	0.0344
543835.678	6784683	304.1270142	0.0227
543941.771	6784680	301.3044434	0.0199

543846.187	6784885	303.722229	0.0407
543949.738	6784981	305.6663208	0.0096
543862.122	6787274	324.9080267	0.0049
543854.143	6785185	307.9386597	0.0044
543988.748	6787288	323.1435694	0.0041
543947.409	6784882	304.4080811	0.0202
543810.914	6785081	308.0927734	0.0111
543895.782	6785382	318.6309815	0.0055
544091.569	6787188	314.5430908	0.0046
544089.001	6787280	314.2793447	0.0027
543886.631	6785280	310.7759399	0.0054
543920.754	6784784	305.4238281	0.02
544598.822	6787186	314.1472168	0.0014
543892.261	6785479	321.826294	0.0966
544497.583	6787191	310.8413086	0.0031
544197.12	6787292	308.2244783	0.0022
543895.96	6785683	314.5535889	0.0113
544292.501	6787282	308.1265458	0.0043
543987.639	6785473	317.5574341	0.0084
542644.437	6784217	300.2160645	0.0111
543297.295	6784402	298.7518311	0.0023
544503.798	6787287	306.9857108	0.0024
544892.044	6786978	318.5844727	0.0164
544095.155	6785586	313.0291138	0.0058
543997.803	6785585	316.6169434	0.0038
545003.859	6787188	308.6351318	0.0066
543993.317	6785685	309.4306641	0.0319
544593.354	6787282	311.9846804	0.0007
544192.874	6785682	307.4885864	0.0039
544115.211	6785485	313.3919067	0.0017
543895.376	6785785	310.9241943	0.017
544696.571	6787285	323.9432008	0.0014
544690.548	6786988	325.4803467	0.0035
544794.92	6787288	327.9402697	0.0025
543890.716	6785584	315.348877	0.2937
544893.234	6787282	326.9237067	0.0023
544999.411	6787295	314.126927	0.0095
544922.615	6787077	326.2755583	0.0149
544292.334	6786987	310.1621094	0.0118
543992.709	6785780	311.2147827	0.0205
543898.036	6786990	321.3133545	0.0055
544192.292	6785784	305.2490234	0.0356
544390.89	6785784	303.0317993	0.0062
544884.671	6787084	331.8698801	0.0235
544093.712	6786985	311.493042	0.0023

545015.186	6787097	317.4822732	0.0011
544292.558	6785782	303.9118652	0.0031
542903.098	6784409	298.7492676	0.0044
544495.489	6786399	326.8665772	0.006
544697.931	6786383	316.486023	0.0057
544807.872	6786365	310.7087402	-0.001
543993.095	6785881	306.9715576	0.0377
544595.314	6786784	323.4699707	0.0027
544796.053	6786081	300.0457764	0.0022
543996.549	6786783	323.9945068	0.0031
544489.213	6785784	299.0631104	0.0045
544798.007	6787081	341.7288662	0.0026
544295.872	6785884	302.2219238	0.0561
544394.191	6785883	300.2071533	0.0091
544793.911	6786780	309.0367432	0.0059
544192.685	6785886	304.3619995	0.0358
544688.963	6787081	336.0906843	0.001
544699.683	6786083	304.2470703	0.0027
544992.744	6786587	302.888916	0.0028
544897.331	6786586	299.1716919	0.0021
544424.455	6786156	327.7628416	0.0706
544983.759	6786779	307.5274658	0.0009
544492.316	6787088	313.798325	0.0023
543902.586	6786398	313.9708252	0.0065
544404.734	6787099	308.901845	0.0075
544176.851	6787085	307.0730229	0.0028
544595.516	6786084	304.3201904	0.0124
544396.909	6786082	302.6177368	0.0458
544296.637	6786082	302.772583	0.0327
544695.795	6786585	306.7438965	0.0035
544196.368	6786084	309.3951416	0.004
543988.949	6787086	316.7292597	0.0011
544798.019	6786585	302.4958496	0.0028
544695.396	6785982	301.4778442	0.0099
544502.055	6786586	308.8015747	0.0071
544096.091	6786083	312.5877686	0.0017
544594.147	6785982	303.5164795	0.0075
544401.77	6786584	322.7489014	0.0171
544593.768	6785884	300.3364868	0.0137
544294.314	6785985	306.0969238	0.023
544399.466	6785988	302.3571777	0.0543
544098.97	6786580	322.1444092	0.0248
544301.497	6786585	323.3820801	0.0032
544889.825	6787157	331.4565563	0.0017
545198.036	6787791	302.1212158	0.0023

543994.446	6785979	311.0033569	0.0108
544995.073	6786685	324	-0.0005
543898.425	6786583	321.5528565	-0.0005
544195.581	6786385	313.5383301	0.0079
544195.976	6785982	308.8370361	0.0557
544096.275	6786385	310.9120483	0.0132
544293.917	6786387	319.6688232	0.0343
544597.655	6786384	319.1569824	0.003
543993.267	6786180	310.2190552	0.0274
544989.554	6787762	336.3329601	-0.001
544602.024	6787008	331.9890944	0.0056
544406.228	6786982	326.5840678	0.0104
543895.927	6786184	308.8890381	0.0401
544594.931	6786685	324	0.0016
543889.519	6786290	309.4989014	0.0079
544695.209	6786685	324	0.004
543889.633	6787085	317	0.0028
544999.753	6786885	305.3190882	0.0016
544386.586	6786182	312.626709	0.0096
544899.538	6786902	312.8966933	0.003
544292.158	6786183	315.3452148	0.0102
544391.246	6786380	326.5007324	0.0058
544490.552	6786381	322.1762695	0.0048
544701.831	6786885	320.7325642	0.0134
544093.554	6786183	311.4417725	0.0136
544903.855	6788007	314.166	0.0023
543995.601	6786281	307.6408691	0.0187
544192.849	6786181	310.513794	0.0254
544193.241	6786283	312.9796143	0.0032
544997.757	6786376	300.529541	0.0008
544894.79	6786185	304.0737305	0.0046
544547.953	6787878	310.0848389	0.001
543899.251	6786799	334.6652194	0.006
543822.664	6787395	342.2915783	0.0037
544593.749	6786882	316.7828066	0.018
544698.115	6786181	302.2368164	0.0403
544494.652	6786183	309.5074463	0.0985
544797.437	6786186	303.520752	0.0025
544268.062	6787510	326.3255749	0.001
544391.251	6786885	311.367115	0.007
544297.795	6786888	309.1084436	0.0105
544499.91	6786283	321.8748779	0.032
543901.532	6786886	311.579821	0.0046
544086.548	6786894	312.2378415	0.0016
544095.467	6786682	321.2982178	0.0024

544296.032	6786683	324.013916	0.0152
544596.243	6786271	318.2667236	0.0214
544695.578	6786279	316.5853272	0.0055
544594.912	6786179	312.5744019	0.015
544405.481	6786285	322.5266724	0.0095
544782.314	6786302	305.8816528	0.0042
543993.452	6786483	313.3422852	0.0121
544096.653	6786483	315.0610352	0.0418
544194.978	6786482	316.1485596	0.0486
544199.45	6786885	314.236228	0.0029
543994.032	6786888	308.9556301	0.0005
544896.932	6786485	304.7641602	0.0108
544483.944	6786686	323.1115607	0.0106
544296.236	6786484	317.3624878	0.0093
544807.126	6786673	308.837656	0.0109
544900.602	6786676	305.6730144	0.0026
544597.069	6786484	315.5614014	0.0158
544994.266	6786479	305.9887695	0.013
544792.771	6786487	304.4256592	0.0108
544394.565	6786483	320.2875977	0.004
544694.411	6786480	310.1030273	0.0117
544494.837	6786482	318.4698486	0.0995
543892.57	6787599	337.1084728	0.0024
544006.826	6788195	293.6509399	0.0029
544425.509	6788192	302.4816895	0.0011
544599.801	6788191	305.6434326	0.0021
544200.045	6787799	321.80157	0.002
543396.874	6788603	311.0695324	0.0025
544098.171	6788401	296.2738037	0.0015
544688.166	6788379	307.6308594	0.002
543397.151	6784295	289.6850586	0.0025
544896.645	6788405	298.5274658	0.0018
545101.039	6788382	297.067688	0.0012
543602.927	6784399	292.8081055	0.0202
543406.674	6784497	291.9140625	0.0012
543205.158	6784491	296.7875977	0.0016
543704.542	6784499	296.7067871	0.0361
543504.599	6784395	295.4393311	0.0147
543107.087	6784297	288.600708	0.0041
543003.684	6784496	293.2838135	0.0033
543502.074	6784499	294.8892822	0.0169
543302.734	6784296	290.0824585	0.0047
543101.035	6784499	293.0898438	0.003
542603.241	6784395	286.7602539	0.007
542704.109	6784297	286.4268799	0.0091

542408.806	6784197	288.4958496	0.0089
542602.875	6784296	288.6334229	0.0121
542801.809	6784394	293.1744385	0.0029
542501.283	6784199	288.1091919	0.0149
542605.429	6784198	291.0439453	0.0064
542500.671	6784297	286.3615723	0.009
543201.879	6784396	294.7475586	0.0043
543004.276	6784394	291.2080078	0.0017
543404.337	6784394	290.6772461	0.0006
542701.804	6784201	291.5391235	0.012
543303.937	6784099	292.8359375	0.0026
543002.555	6784195	292.1973267	0.0018
542803.835	6783893	290.1633301	0.0123
543202.114	6784200	290.1832275	0.002
542703.606	6783900	282.493103	0.0097
543201.722	6784096	291.4864502	0.0025
543304.288	6784192	292.4649048	0.001
542603.341	6783897	286.3880615	0.0078
542404.781	6783898	287.0966187	0.0044
542903.136	6783898	286.6554565	0.004
542505.756	6784093	288.5458984	0.0078
542903.877	6784097	290.0245972	0.0034
543101.7	6783899	288.0802002	0.0037
542699.317	6783794	288.564209	0.01
542811.132	6783501	285.1147461	0.0031
543006.297	6783895	284.3684082	0.0019
542601.153	6784095	289.2989502	0.0083
542205.243	6783898	289.8687744	0.0039
542604.676	6783995	289.3323975	0.0065
542904.32	6783695	288.3638916	0.0047
542599.913	6783498	286.8527832	0.0054
542801.308	6783999	286.767334	0.0077
542604.531	6783693	289.9309082	0.0116
542304.285	6784097	291.4315796	0.0163
542207.561	6783999	294.2747192	0.0135
542503.695	6783799	285.314148	0.0038
543003.75	6783994	285.6929932	0.0027
542903.74	6783800	292.5980835	0.0038
543103.256	6783795	288.550415	0.0136
543012.363	6783695	289.8346558	0.0052
542705.999	6783497	284.7811279	0.0044
542800.175	6783695	290.9873047	0.0053
542706.749	6783699	289.4702148	0.0047
543848.502	6784982	311.9737549	0.0277
542504.295	6783698	291.4906006	0.0089

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542205.479	6783697	289.1946411	0.0063
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542507.446	6783498	288.5534668	0.0104
542303.78	6783696	293.4346924	0.0085
542398.78	6783591	284.848938	0.0093
542503.918	6783596	288.8386841	0.0087
542202.188	6783596	289.880188	0.006
542209.604	6783496	287.2492676	0.0049
542507.06	6783394	290.3616333	0.0053
542605.974	6783296	284.3653565	0.0048
543907.301	6785085	305.8699951	0.0161
544001.014	6787186	315.3684082	0.0043
544197.701	6787190	307.692749	0.0064
542798.847	6783600	289.2575073	0.004
542902.97	6783594	291.15625	0.0027
543948.55	6785180	308.7458496	0.0027
544396.293	6787182	306.6291504	0.0052
544793.554	6787187	330.2253418	0.0039
544897.717	6787184	315.8981934	0.0046
544393.792	6787291	307.6905927	0.0033
542204	6783295	285.8591309	0.0079
542302.769	6782894	282.7301025	0.0066
542200.725	6783199	282.649292	0.0106
542300.96	6783195	284.3091431	0.0075
542602.226	6783597	286.2138672	0.0083
542403.531	6783296	287.6907959	0.0054
542202.541	6782898	281.93396	0.0116
542401.44	6782994	281.8830566	0.0054
542203.147	6782799	280.6760254	0.0062
542205.819	6782996	283.3548584	0.0096
542304.498	6783099	283.1748047	0.0079
542408.021	6783195	281.7415772	0.0051
542502.067	6783097	284.9337158	0.0044
542203.27	6783097	281.9157715	0.0085
544837.742	6787284	338.0618055	-0.0005
542603.669	6783199	281.4984741	0.0057
542404.74	6783097	279.8837891	0.0074
544749.618	6786906	337.093208	0.0007
545057.511	6787462	330.1514729	-0.0005
544856.363	6787065	338.2056729	0.0039
544857.773	6787426	336.0931141	-0.0005
545071.968	6787673	333.449474	0.0008
544993.561	6787293	323.0748669	-0.0005
544991.403	6786991	311.684082	0.0059

544093.574	6785681	307.9405518	0.0108
544498.732	6786985	316.1251831	0.0055
544091.049	6785784	305.1513672	0.0297
544854.926	6786947	332.7366426	-0.0005
544740.324	6786520	322.4200064	-0.0005
544821.344	6786824	329.6386417	0.0009
544789.689	6786695	326.1825479	0.0093
544910.802	6787044	332.6179299	0.0116
544810.789	6786364	323.4252149	-0.0005
544413.337	6786554	335.7197985	0.0085
544081.914	6787209	327.0565183	0.0005
544163.622	6786682	334.9392787	0.0754
544176.904	6787352	323.0214634	-0.0005
543887.974	6785886	310.0360107	0.0111
544189.335	6786786	319.0917969	0.0078
544392.813	6786786	318.7078857	0.0079
543905.986	6787287	340.3811822	-0.0005
544426.883	6786029	318.535655	0.0022
544885.644	6787084	334.2780476	0.0038
544094.339	6785881	304.8010864	0.0243
544900.01	6786774	306.6630859	0.0027
544598.452	6787091	327.0201674	0.0141
544493.493	6785883	299.4273682	0.0089
544294.713	6787098	307.842673	0.012
544089.269	6787096	312.7571763	0.0056
544499.746	6785990	299.7567749	0.0466
544000.691	6786085	309.8171997	0.0142
543896.52	6786084	310.6483154	0.0063
543991.136	6786386	311.1658325	0.0043
543889.328	6785985	306.0119629	0.0039
544783.624	6786389	309.1829834	0.0042
544894.578	6786380	303.8387451	0.0009
544105.333	6785955	321.9669467	0.0013
544193.241	6786283	312.6539307	0.0153
544796.295	6786892	319.8580476	0.0111
544296.436	6786283	318.7232666	0.0196
544496.399	6786885	317.6098422	0.0142
543891.064	6786695	308.9830303	0.0017
543992.269	6786682	316.387526	0.0036
544900.051	6786286	304.6108398	0.0032
543897.079	6786485	315.2971191	0.0035
543600.386	6784499	300.9476318	0.0244
543504.234	6784298	289.8668823	0.0057
543306.415	6784497	298.6834106	0.0006
543201.525	6784302	292.5458374	0.004

543006.826	6784296	289.7766724	0.0009
542907.311	6784495	290.4243774	0.0039
542805.352	6784300	285.1555176	0.009
542805.101	6784494	296.0614014	0.0085
542804.37	6784298	290.8619385	0.0066
542704.851	6784496	292.3662109	0.0063
542900.365	6784199	290.3249512	0.005
543103.414	6784096	292.0104981	0.0025
543403.579	6784193	292.8293457	0.0007
543005.114	6784099	291.8736572	0.0019
542803.618	6784096	291.8334351	0.0098
542703.363	6784096	292.8949585	0.0077
542403.567	6784096	287.2294312	0.0087
542503.079	6783896	288.2098999	0.0104
542302.577	6783897	286.0388184	0.0065
542400.287	6783999	291.6912842	0.0158
542303.182	6783798	289.4178467	0.0079
542600.059	6783800	284.9251709	0.0114
543203.298	6783997	289.3378906	0.003
542404.027	6783694	293.9310913	0.0042
542406.227	6783499	288.9423218	0.0097
542302.677	6783397	290.9265137	0.0073
542603.424	6783395	289.5230713	0.0049
542703.446	6783596	288.9776001	0.0119
542702.7	6783395	294.9780273	0.0047
542704.279	6783296	284.928833	0.0036
542503.779	6783296	282.480957	0.0036
542301.344	6783299	278.090332	0.0086
542305.1	6782998	284.7717285	0.0067
542501.455	6783194	280.010376	0.0042
544765.727	6787042	342.8597262	-0.0005
544928.535	6787097	330.6713526	-0.0005
544752.682	6786443	324.5781212	0.0036
544139.278	6786681	336.2993571	0.0028
544101.777	6787057	322.8850855	-0.0005
544026.838	6787319	332.3967681	-0.0005
543939.961	6787260	338.7955119	-0.0005
543900.745	6787445	336.5245959	0.001
544114.295	6786007	325.3957993	0.0019