

29 September 2021

Auger Drilling Results Received

Highlights:

-  **475 fire assay results received for auger drilling carried out in Southern Cross**
-  **Anomalous zones and trends highlighted from the results**
-  **High priority targets and additional areas for further surveys established**

Xantippe Resources Limited (ASX: XTC) (Xantippe, XTC, or the Company) is pleased to advise the return of gold fire assay results from a recent auger drill programme carried out at its Southern Cross Project. A selective auger drill programme was carried out at the Glendower, Kennyville West and Mt Caudin prospects at Xantippe's Southern Cross Gold Project utilising a 4WD mounted auger rig from Sahara Operations. The auger programme was completed successfully with 475 holes drilled and samples collected across the three prospects. All samples underwent portable XRF analysis for pathfinder elements in the field and were processed at Nagrom Laboratories in Perth for gold by fire assay. The program was carried out to test gold prospectivity and further develop fringe tenements which have had little in-depth analysis in recent times.

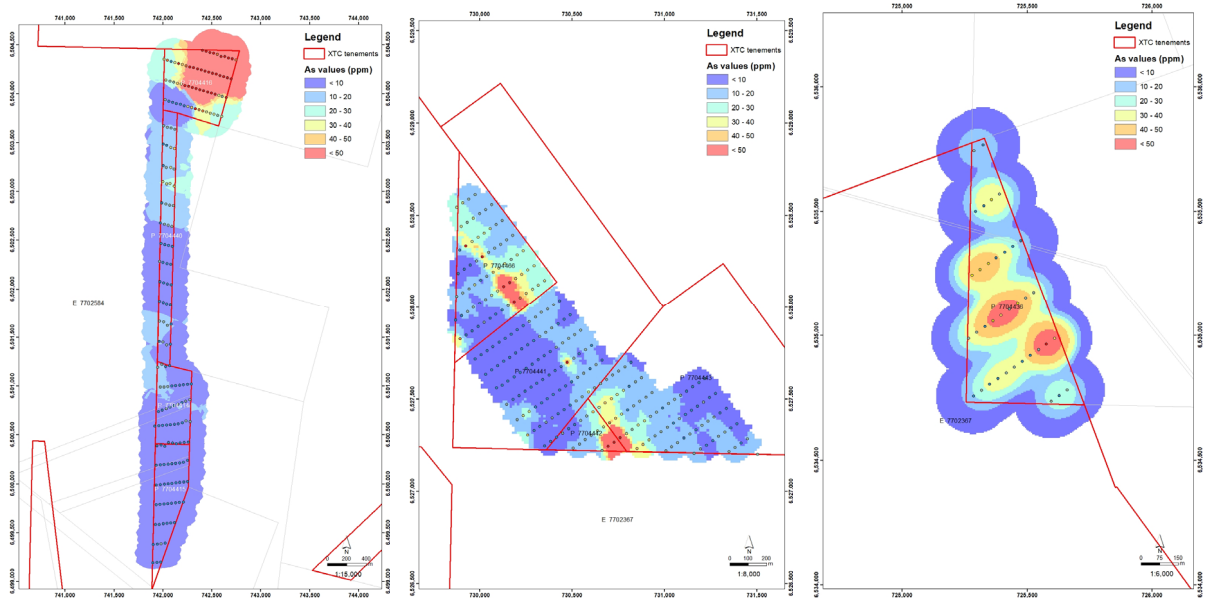
The auger drill process involved removing the transported topsoil and drilling into saprolite regolith material where samples were taken to represent weathering of the underlying parent rock. Due to the nature of auger drilling, there can be some contamination from the upper transported regolith level, but care was taken to minimise this while drilling with the first metre of sample, on average, discarded and logging indicating the saprolite layer was sampled. Anomalism in the soils of this nature can be indicative of mineralisation of the underlying rock and provides strong targets for follow up drilling.

A breakdown of the programme is highlighted in Table 1 below.

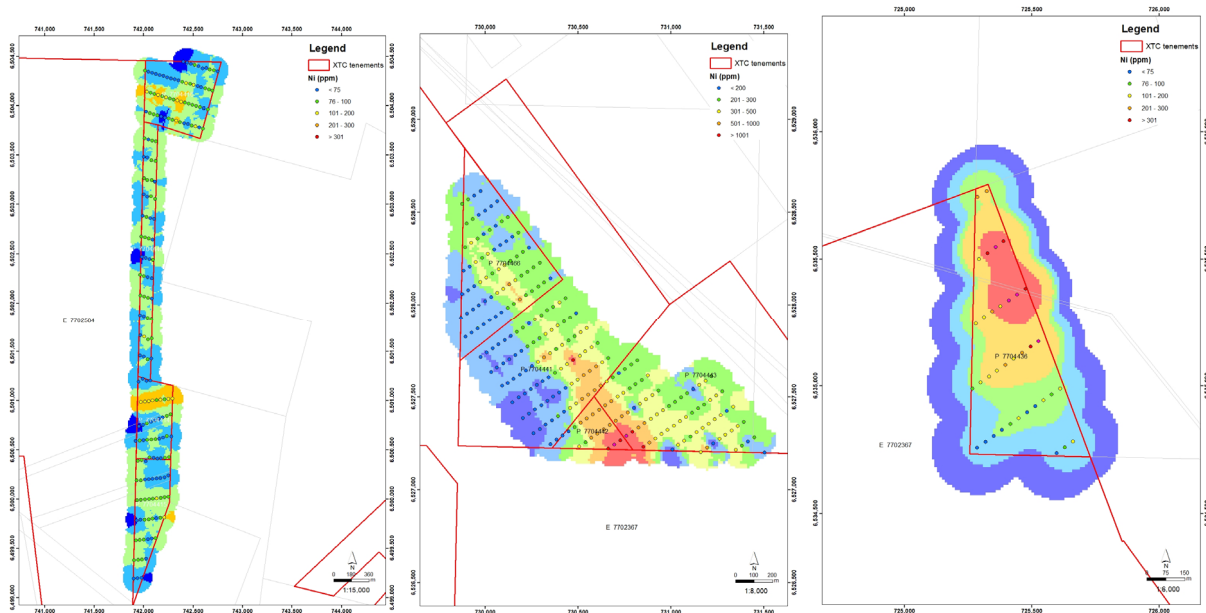
Prospect	Holes Drilled	Grid (m)
Glendower	249	40 x 100
Kennyville West	36	40 x 200
Mt Caudin	190	40 x 200

Table 1: Auger hole details

An initial investigation of pathfinder elements received from portable XRF measurements has shown anomalies at all three prospects. The pXRF results are considered semi-quantitative in nature and are used as a tool to identify elements above background level. As shown in the images below, several trends have emerged from the analysis of arsenic and nickel across the sampled tenure which can be indicative of mineralised structures at depth. The anomalous nickel results are likely due to the ultramafic units defined from regional mapping but will require further investigation. Arsenic trends can indicate presence of gold mineralisation and shows some correlation with the fire assay results.



Figures 1-3 above: Arsenic anomalies from pXRF measurements at Mt Caudin, Glendower and Kennyville West prospects.



Figures 3-6 above: Nickel anomalies from pXRF measurements at Mt Caudin, Glendower and Kennyville West prospects.

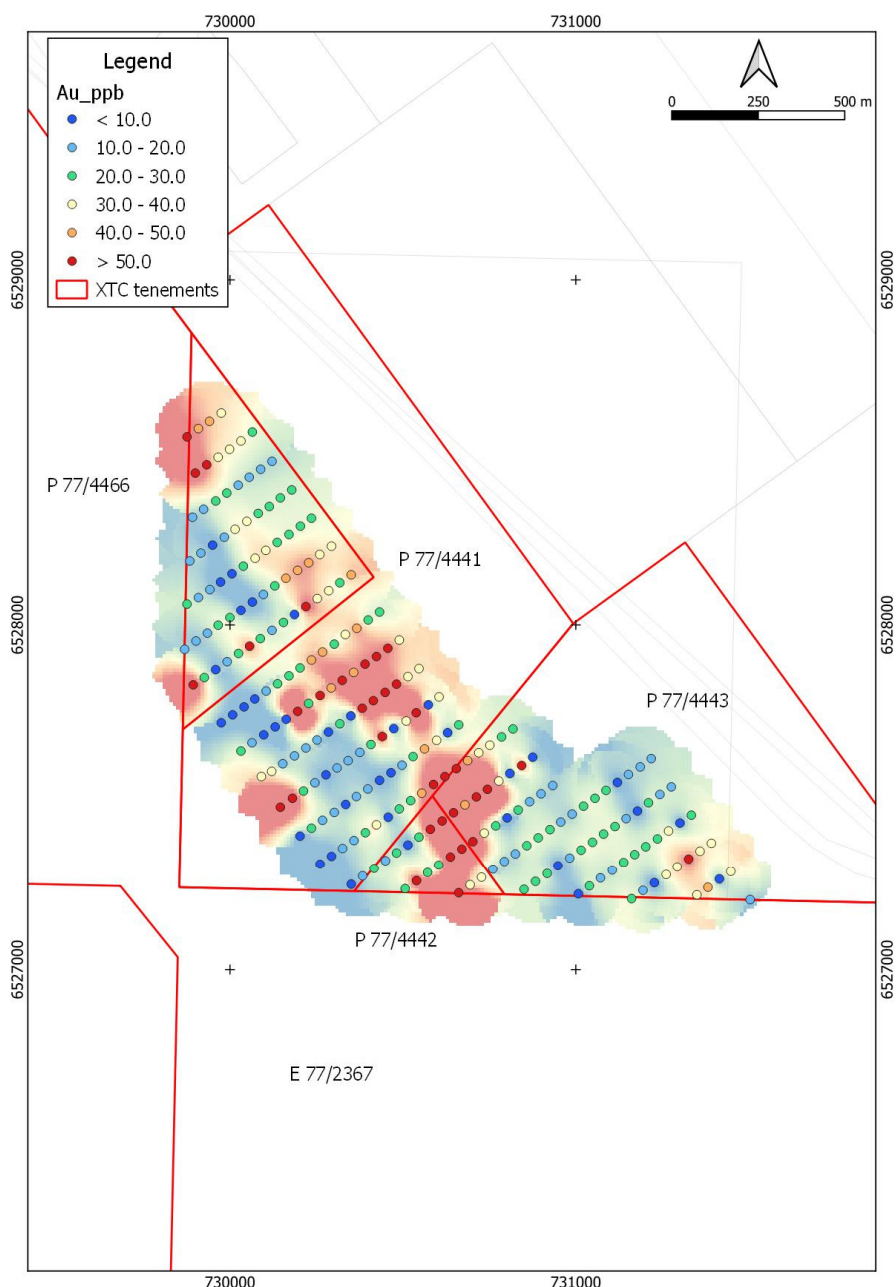
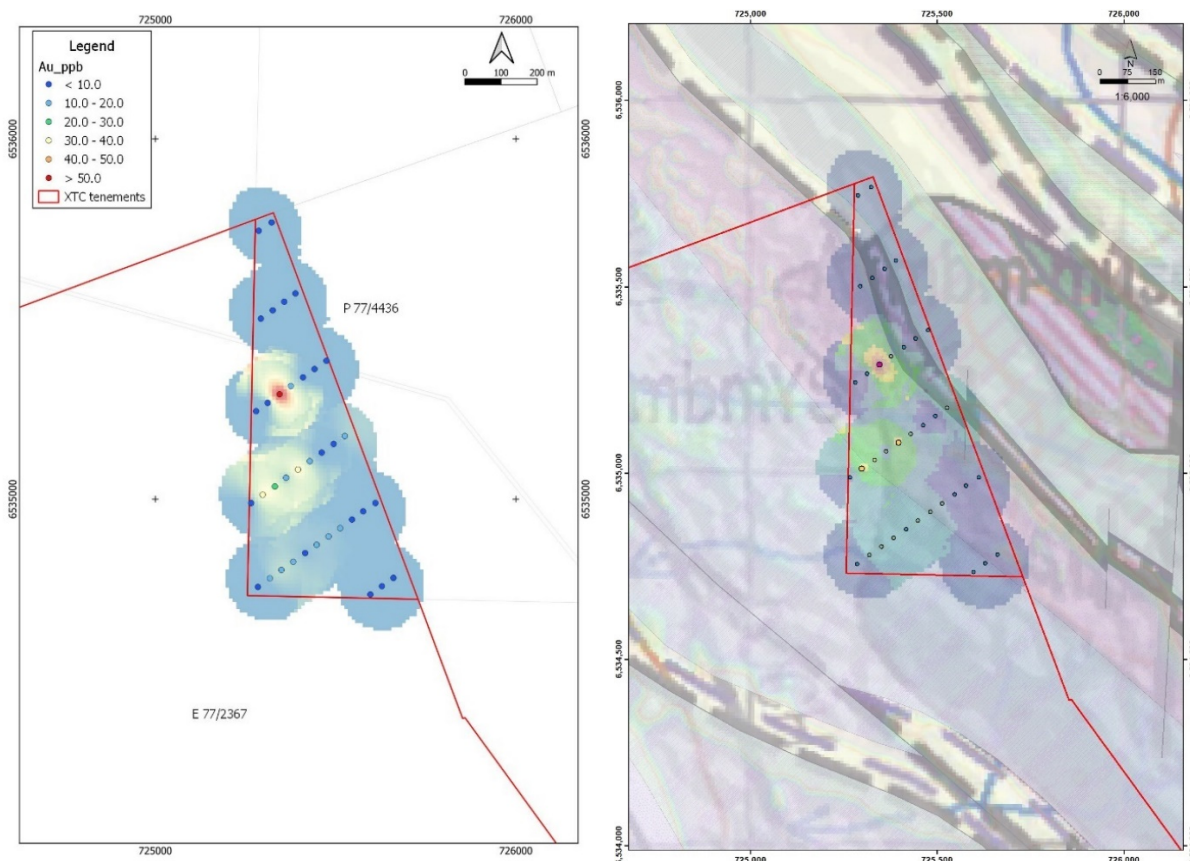


Figure 7: Gold anomalism in soils at the Glendower prospect

A strong corridor of gold anomalism has been revealed in the Glendower tenements which also occurs in the arsenic and nickel pathfinder analysis. The zone is reasonably consistent with regionally mapped ultramafic shear contacts trending Northwest and may provide additional insight to local structural corridors of gold mineralisation in the underlying rock. A high maximum gold value of 224ppb was returned from a sample on P77/4443. The results also highlight additional anomalous zones where historic soils showed lower values, demonstrating the success of the deeper auger drilling and sampling. Further infill drilling is required to develop targets in this area for depth testing while the eastern side of the tenements shows similar geophysical and geological trends as the west and could increase the footprint of gold mineralisation in this area with additional sampling.



Figures 8 and Figure 9: Gold anomalism in soils at the Kennyville West prospect

The sampling at Kennyville West returned a maximum anomalous value of 73ppb Au from saprolite material close to a regionally mapped contact in the greenstone terrane. This result is encouraging, and although lower priority, the tenement could be looked at in closer detail with follow up infill sampling around this anomaly. Additional pathfinder analysis is ongoing for target generation.

Sampling of four fringe tenements at the Mt Caudin prospect in the south of the Southern Cross tenement package highlighted strong anomalism with a high fire assay result returned of 984ppb Au on P77/4416. Three surrounding samples on the line returned values over 50ppb Au creating a 120m long anomaly with elevated gold also in the line 200m to the south. With no historic drilling or geochemical samples within 100m of this anomalous zone it provides a strong follow up target for infill sampling. Several other anomalous samples, seen in Figure 9, were returned from the Mt Caudin tenements and will be the target of follow up programs to narrow down on prospective drill sites.

The combination of portable XRF and laboratory fire assay analysis has established numerous anomalous zones of gold in soils across tenements in Xantippe's Southern Cross package. The encouraging results highlight the effectiveness of the auger drilling method used and have located new target zones to develop. Infill drill planning of these zones and a look at other under-explored tenements in Xantippe's package is underway to continue gold exploration in the Southern Cross project area.

This announcement has been authorised for release by the Directors of the Company. For more information, please contact:

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Competent Persons Statement

The Exploration Results reported in this announcement are based on, and fairly represent, information and supporting documentation prepared by Mr Jeremy Peters, FAusIMM CP (Mining, Geology). Mr Peters is a geologist and mining engineer and is an employee of Burnt Shirt Pty Ltd and has extensive professional experience with the geology of the Western Australian Goldfields. Mr Peters consents to the form and context in which the Exploration Results are presented in this announcement.

About the Southern Cross Gold Project

The Southern Cross Project is located 380km east of Perth, south east of Southern Cross in the Yilgarn Goldfield.

The project comprises 20 Prospecting Licences and 7 Exploration Licences with a combined area of 176 km², over mostly contiguous tenements covering over 40km of strike of the Southern Cross Greenstone Belt, which has historically produced around 15Moz gold, predominantly from the Marvel Loch and Southern Cross centres, both of which are in operation to varying extents.

The project area is serviced by sealed roads, grid power, scheme water, rail and town amenities. Minjar operates the Marvel Loch plant nearby and Ramelius Resources operates the Edna May facility some 60 kilometres to the west.

Appendix table of assay results:

Prospect	Hole_ID	East	North	Au ppm
Mt Caudin	XRA00001	741953	6500738	0.01
Mt Caudin	XRA00002	741993	6500752	0.002
Mt Caudin	XRA00003	742033	6500767	0.006
Mt Caudin	XRA00004	742073	6500783	0.001
Mt Caudin	XRA00005	742113	6500798	0.011
Mt Caudin	XRA00006	742153	6500813	0.007
Mt Caudin	XRA00007	742193	6500829	0.013
Mt Caudin	XRA00008	742233	6500845	0.016
Mt Caudin	XRA00009	742273	6500859	0.012
Mt Caudin	XRA00010	742280	6500633	0.006
Mt Caudin	XRA00011	742236	6500640	0.01
Mt Caudin	XRA00012	742197	6500622	0.009
Mt Caudin	XRA00013	742157	6500613	0.007
Mt Caudin	XRA00014	742118	6500609	0.007
Mt Caudin	XRA00015	742076	6500604	0.006
Mt Caudin	XRA00016	742037	6500601	0.005
Mt Caudin	XRA00017	741997	6500596	0.008
Mt Caudin	XRA00018	741958	6500591	0.008
Mt Caudin	XRA00019	741918	6500588	0.011
Mt Caudin	XRA00020	741940	6500387	0.01
Mt Caudin	XRA00021	741980	6500393	0.013
Mt Caudin	XRA00022	742019	6500384	0.005
Mt Caudin	XRA00023	742059	6500422	0.008
Mt Caudin	XRA00024	742099	6500416	0.015
Mt Caudin	XRA00025	742139	6500410	0.019
Mt Caudin	XRA00026	742174	6500415	0.022
Mt Caudin	XRA00027	742217	6500419	0.02
Mt Caudin	XRA00028	742258	6500424	0.016
Mt Caudin	XRA00029	742250	6500238	0.007
Mt Caudin	XRA00030	742211	6500218	0.01
Mt Caudin	XRA00031	742171	6500212	0.01
Mt Caudin	XRA00032	742130	6500208	0.011
Mt Caudin	XRA00033	742091	6500204	0.007
Mt Caudin	XRA00034	742052	6500199	0.009
Mt Caudin	XRA00035	742012	6500196	0.011
Mt Caudin	XRA00036	741972	6500190	0.01
Mt Caudin	XRA00037	741931	6500188	0.011
Mt Caudin	XRA00038	741933	6499986	0.022
Mt Caudin	XRA00039	741973	6499990	0.018
Mt Caudin	XRA00040	742014	6499995	0.023
Mt Caudin	XRA00041	742054	6499998	0.021
Mt Caudin	XRA00042	742092	6500003	0.022
Mt Caudin	XRA00043	742133	6500007	0.039
Mt Caudin	XRA00044	742173	6500011	0.042
Mt Caudin	XRA00045	742212	6500016	0.03
Mt Caudin	XRA00046	742251	6500020	0.029
Mt Caudin	XRA00047	742208	6499812	0.007
Mt Caudin	XRA00048	742169	6499807	0.045
Mt Caudin	XRA00049	742129	6499803	0.023
Mt Caudin	XRA00050	742089	6499798	0.017
Mt Caudin	XRA00051	742050	6499794	0.006
Mt Caudin	XRA00052	742010	6499790	0.014
Mt Caudin	XRA00053	741969	6499787	0.016
Mt Caudin	XRA00054	741930	6499782	0.015
Mt Caudin	XRA00055	741922	6499580	0.015
Mt Caudin	XRA00056	741961	6499583	0.009
Mt Caudin	XRA00057	742002	6499588	0.009
Mt Caudin	XRA00058	742042	6499592	0.011
Mt Caudin	XRA00059	742082	6499596	0.011
Mt Caudin	XRA00060	742120	6499601	0.028
Mt Caudin	XRA00061	742023	6499392	0.017

Prospect	Hole_ID	East	North	Au ppm
Mt Caudin	XRA00062	741982	6499385	0.013
Mt Caudin	XRA00063	741943	6499381	0.008
Mt Caudin	XRA00064	741902	6499376	0.015
Mt Caudin	XRA00065	741897	6499188	0.014
Mt Caudin	XRA00066	741938	6499193	0.015
Mt Caudin	XRA00067	741977	6499197	0.005
Mt Caudin	XRA00068	742290	6501020	0.011
Mt Caudin	XRA00069	742250	6501016	0.007
Mt Caudin	XRA00070	742211	6501012	0.014
Mt Caudin	XRA00071	742171	6501007	0.018
Mt Caudin	XRA00072	742130	6501003	0.016
Mt Caudin	XRA00073	742090	6501000	0.013
Mt Caudin	XRA00074	742051	6500994	0.014
Mt Caudin	XRA00075	742012	6500990	0.017
Mt Caudin	XRA00076	741973	6500987	0.016
Mt Caudin	XRA00077	741948	6501191	0.01
Mt Caudin	XRA00078	741989	6501223	0.013
Mt Caudin	XRA00079	742028	6501200	0.011
Mt Caudin	XRA00080	742068	6501204	0.009
Mt Caudin	XRA00081	742078	6501426	0.016
Mt Caudin	XRA00082	742038	6501421	0.015
Mt Caudin	XRA00083	742001	6501448	0.017
Mt Caudin	XRA00084	741962	6501458	0.014
Mt Caudin	XRA00085	741967	6501664	0.015
Mt Caudin	XRA00086	742006	6501654	0.067
Mt Caudin	XRA00087	742044	6501621	0.01
Mt Caudin	XRA00088	742083	6501633	0.015
Mt Caudin	XRA00089	742078	6501837	0.019
Mt Caudin	XRA00090	742002	6501862	0.002
Mt Caudin	XRA00091	741964	6501874	0.007
Mt Caudin	XRA00092	742039	6501848	0.005
Mt Caudin	XRA00093	742083	6502044	0.003
Mt Caudin	XRA00094	742044	6502054	0.003
Mt Caudin	XRA00095	742007	6502064	0.003
Mt Caudin	XRA00096	741968	6502076	0.006
Mt Caudin	XRA00097	741964	6502284	0.001
Mt Caudin	XRA00098	742001	6502273	0.003
Mt Caudin	XRA00099	742041	6502263	0.004
Mt Caudin	XRA00100	742080	6502253	0.004
Mt Caudin	XRA00101	742094	6502437	0.0005
Mt Caudin	XRA00102	742058	6502447	0.002
Mt Caudin	XRA00103	742019	6502458	0.008
Mt Caudin	XRA00104	741981	6502468	0.004
Mt Caudin	XRA00105	741975	6502676	0.005
Mt Caudin	XRA00106	742014	6502666	0.003
Mt Caudin	XRA00107	742052	6502655	0.004
Mt Caudin	XRA00108	742091	6502644	0.001
Mt Caudin	XRA00109	742106	6502855	0.002
Mt Caudin	XRA00110	742067	6502862	0.0005
Mt Caudin	XRA00111	742029	6502873	0.002
Mt Caudin	XRA00112	741989	6502884	0.001
Mt Caudin	XRA00113	742116	6503056	0.0005
Mt Caudin	XRA00114	742073	6503081	0.0005
Mt Caudin	XRA00115	742037	6503077	0.002
Mt Caudin	XRA00116	742000	6503101	0.0005
Mt Caudin	XRA00117	742004	6503265	0.0005
Mt Caudin	XRA00118	742035	6503245	0.001
Mt Caudin	XRA00119	742081	6503246	0.001
Mt Caudin	XRA00120	742114	6503231	0.001
Mt Caudin	XRA00121	742120	6503441	0.008
Mt Caudin	XRA00122	742079	6503450	0.006

Prospect	Hole_ID	East	North	Au ppm
Mt Caudin	XRA00123	742037	6503474	0.005
Mt Caudin	XRA00124	742003	6503484	0.011
Mt Caudin	XRA00125	742009	6503671	0.001
KennyvilleW	XRA00126	725287	6535745	0.008
KennyvilleW	XRA00127	725323	6535768	0.008
KennyvilleW	XRA00128	725389	6535571	0.008
KennyvilleW	XRA00129	725358	6535548	0.006
KennyvilleW	XRA00130	725326	6535524	0.01
KennyvilleW	XRA00131	725293	6535501	0.01
KennyvilleW	XRA00132	725280	6535244	0.003
KennyvilleW	XRA00133	725312	6535267	0.006
KennyvilleW	XRA00134	725345	6535291	0.073
KennyvilleW	XRA00135	725376	6535314	0.02
KennyvilleW	XRA00136	725410	6535338	0.009
KennyvilleW	XRA00137	725442	6535361	0.002
KennyvilleW	XRA00138	725475	6535384	0.005
KennyvilleW	XRA00139	725526	6535175	0.015
KennyvilleW	XRA00140	725495	6535153	0.006
KennyvilleW	XRA00141	725462	6535129	0.004
KennyvilleW	XRA00142	725429	6535105	0.017
KennyvilleW	XRA00143	725396	6535082	0.036
KennyvilleW	XRA00144	725363	6535059	0.012
KennyvilleW	XRA00145	725332	6535035	0.029
KennyvilleW	XRA00146	725298	6535012	0.033
KennyvilleW	XRA00147	725266	6534989	0.007
KennyvilleW	XRA00148	725285	6534756	0.0005
KennyvilleW	XRA00149	725318	6534780	0.014
KennyvilleW	XRA00150	725350	6534803	0.018
KennyvilleW	XRA00151	725383	6534826	0.015
KennyvilleW	XRA00152	725416	6534850	0.01
KennyvilleW	XRA00153	725448	6534873	0.013
KennyvilleW	XRA00154	725481	6534896	0.012
KennyvilleW	XRA00155	725513	6534919	0.011
KennyvilleW	XRA00156	725546	6534943	0.006
KennyvilleW	XRA00157	725577	6534966	0.007
KennyvilleW	XRA00158	725611	6534989	0.009
KennyvilleW	XRA00159	725661	6534781	0.005
KennyvilleW	XRA00160	725629	6534758	0.005
KennyvilleW	XRA00161	725597	6534735	0.009
Glendower	XRA00162	729876	6528545	0.057
Glendower	XRA00163	729909	6528569	0.049
Glendower	XRA00164	729941	6528590	0.041
Glendower	XRA00165	729975	6528614	0.037
Glendower	XRA00166	730065	6528559	0.027
Glendower	XRA00167	730032	6528533	0.032
Glendower	XRA00168	729999	6528509	0.033
Glendower	XRA00169	729966	6528486	0.033
Glendower	XRA00170	729933	6528464	0.051
Glendower	XRA00171	729900	6528440	0.062
Glendower	XRA00172	729892	6528312	0.012
Glendower	XRA00173	729924	6528335	0.016
Glendower	XRA00174	729959	6528359	0.026
Glendower	XRA00175	729991	6528382	0.023
Glendower	XRA00176	730024	6528405	0.019
Glendower	XRA00177	730056	6528428	0.018
Glendower	XRA00178	730089	6528451	0.016
Glendower	XRA00179	730146	6528368	0.024
Glendower	XRA00180	730114	6528343	0.024
Glendower	XRA00181	730082	6528323	0.023
Glendower	XRA00182	730049	6528300	0.031
Glendower	XRA00183	730015	6528277	0.032
Glendower	XRA00184	729984	6528254	0.018
Glendower	XRA00185	729950	6528231	0.001

Prospect	Hole_ID	East	North	Au ppm
Glendower	XRA00186	729916	6528208	0.018
Glendower	XRA00187	729884	6528185	0.014
Glendower	XRA00188	729876	6528060	0.021
Glendower	XRA00189	729909	6528079	0.019
Glendower	XRA00190	729942	6528102	0.014
Glendower	XRA00191	729973	6528124	0.002
Glendower	XRA00192	730006	6528148	0.009
Glendower	XRA00193	730039	6528170	0.023
Glendower	XRA00194	730073	6528193	0.037
Glendower	XRA00195	730104	6528216	0.038
Glendower	XRA00196	730137	6528239	0.03
Glendower	XRA00197	730171	6528262	0.026
Glendower	XRA00198	730228	6528180	0.048
Glendower	XRA00199	730196	6528158	0.047
Glendower	XRA00200	730162	6528135	0.041
Glendower	XRA00201	730130	6528113	0.023
Glendower	XRA00202	730097	6528088	0.016
Glendower	XRA00203	730065	6528066	0.003
Glendower	XRA00204	730032	6528042	0.009
Glendower	XRA00205	730000	6528021	0.027
Glendower	XRA00206	729966	6527999	0.028
Glendower	XRA00207	729935	6527976	0.016
Glendower	XRA00208	729902	6527953	0.011
Glendower	XRA00209	729869	6527929	0.014
Glendower	XRA00210	729894	6527826	0.071
Glendower	XRA00211	729926	6527847	0.029
Glendower	XRA00212	729959	6527870	0.008
Glendower	XRA00213	729992	6527893	0.015
Glendower	XRA00214	730025	6527917	0.028
Glendower	XRA00215	730057	6527938	0.051
Glendower	XRA00216	730088	6527960	0.025
Glendower	XRA00217	730122	6527984	0.019
Glendower	XRA00218	730155	6528007	0.03
Glendower	XRA00219	730187	6528030	0.009
Glendower	XRA00220	730220	6528053	0.064
Glendower	XRA00221	730253	6528076	0.039
Glendower	XRA00222	730334	6527972	0.032
Glendower	XRA00223	730302	6527944	0.027
Glendower	XRA00224	730268	6527921	0.044
Glendower	XRA00225	730236	6527898	0.048
Glendower	XRA00226	730203	6527875	0.03
Glendower	XRA00227	730171	6527852	0.029
Glendower	XRA00228	730138	6527829	0.022
Glendower	XRA00229	730105	6527808	0.018
Glendower	XRA00230	730072	6527785	0.008
Glendower	XRA00231	730041	6527762	0.005
Glendower	XRA00232	730008	6527739	0.007
Glendower	XRA00233	729975	6527716	0.004
Glendower	XRA00234	730032	6527634	0.026
Glendower	XRA00235	730064	6527658	0.015
Glendower	XRA00236	730098	6527681	0.007
Glendower	XRA00237	730131	6527704	0.005
Glendower	XRA00238	730163	6527726	0.004
Glendower	XRA00239	730196	6527749	0.2
Glendower	XRA00240	730228	6527772	0.021
Glendower	XRA00241	730261	6527795	0.051
Glendower	XRA00242	730293	6527817	0.041
Glendower	XRA00243	730325	6527839	0.079
Glendower	XRA00244	730358	6527862	0.046
Glendower	XRA00245	730415	6527780	0.067
Glendower	XRA00246	730383	6527758	0.073
Glendower	XRA00247	730350	6527736	0.002
Glendower	XRA00248	730318	6527713	0.025

Prospect	Hole_ID	East	North	Au ppm
Glendower	XRA00249	730285	6527689	0.001
Glendower	XRA00250	730252	6527666	0.02
Glendower	XRA00251	730220	6527643	0.017
Glendower	XRA00252	730187	6527620	0.02
Glendower	XRA00253	730153	6527597	0.012
Glendower	XRA00254	730121	6527575	0.033
Glendower	XRA00255	730091	6527560	0.038
Glendower	XRA00256	730146	6527471	0.085
Glendower	XRA00257	730181	6527497	0.07
Glendower	XRA00258	730213	6527518	0.028
Glendower	XRA00259	730246	6527542	0.015
Glendower	XRA00260	730278	6527565	0.007
Glendower	XRA00261	730310	6527585	0.014
Glendower	XRA00262	730342	6527606	0.012
Glendower	XRA00263	730376	6527630	0.011
Glendower	XRA00264	730408	6527653	0.023
Glendower	XRA00265	730441	6527676	0.06
Glendower	XRA00266	730498	6527593	0.013
Glendower	XRA00267	730466	6527571	0.01
Glendower	XRA00268	730433	6527549	0.007
Glendower	XRA00269	730399	6527524	0.014
Glendower	XRA00270	730366	6527502	0.02
Glendower	XRA00271	730335	6527479	0.01
Glendower	XRA00272	730302	6527456	0.019
Glendower	XRA00273	730268	6527433	0.019
Glendower	XRA00274	730236	6527410	0.023
Glendower	XRA00275	730203	6527387	0.004
Glendower	XRA00276	730261	6527305	0.001
Glendower	XRA00277	730294	6527328	0.002
Glendower	XRA00278	730326	6527351	0.015
Glendower	XRA00279	730359	6527374	0.016
Glendower	XRA00280	730392	6527397	0.028
Glendower	XRA00281	730424	6527420	0.039
Glendower	XRA00282	730458	6527442	0.006
Glendower	XRA00283	730490	6527466	0.025
Glendower	XRA00284	730523	6527490	0.021
Glendower	XRA00285	730555	6527512	0.049
Glendower	XRA00286	730580	6527407	0.067
Glendower	XRA00287	730547	6527384	0.025
Glendower	XRA00288	730515	6527361	0.003
Glendower	XRA00289	730482	6527338	0.022
Glendower	XRA00290	730450	6527315	0.014
Glendower	XRA00291	730417	6527292	0.025
Glendower	XRA00292	730384	6527270	0.014
Glendower	XRA00293	730351	6527246	0.008
Glendower	XRA00294	730507	6527233	0.021
Glendower	XRA00295	730540	6527256	0.069
Glendower	XRA00296	730572	6527280	0.027
Glendower	XRA00297	730604	6527302	0.024
Glendower	XRA00298	730638	6527326	0.085
Glendower	XRA00299	730695	6527244	0.033
Glendower	XRA00300	730662	6527221	0.163
Glendower	XRA00301	730122	6528474	0.016
Glendower	XRA00302	730179	6528391	0.023
Glendower	XRA00303	730236	6528309	0.026
Glendower	XRA00304	730204	6528286	0.026
Glendower	XRA00305	730260	6528204	0.038
Glendower	XRA00306	730294	6528228	0.033
Glendower	XRA00307	730351	6528145	0.043
Glendower	XRA00308	730318	6528122	0.028
Glendower	XRA00309	730286	6528099	0.031
Glendower	XRA00310	730367	6527990	0.05
Glendower	XRA00311	730400	6528014	0.024

Prospect	Hole_ID	East	North	Au ppm
Glendower	XRA00312	730433	6528037	0.023
Glendower	XRA00313	730490	6527956	0.039
Glendower	XRA00314	730457	6527932	0.051
Glendower	XRA00315	730424	6527908	0.051
Glendower	XRA00316	730391	6527886	0.053
Glendower	XRA00317	731505	6527201	0.011
Glendower	XRA00318	731449	6527283	0.037
Glendower	XRA00319	731416	6527261	0.004
Glendower	XRA00320	731383	6527237	0.043
Glendower	XRA00321	731351	6527215	0.034
Glendower	XRA00322	731162	6527204	0.029
Glendower	XRA00323	731195	6527228	0.02
Glendower	XRA00324	731228	6527250	0.0005
Glendower	XRA00325	731262	6527274	0.031
Glendower	XRA00326	731294	6527297	0.039
Glendower	XRA00327	731327	6527320	0.055
Glendower	XRA00328	731360	6527343	0.036
Glendower	XRA00329	731393	6527366	0.032
Glendower	XRA00330	731335	6527448	0.026
Glendower	XRA00331	731302	6527425	0.004
Glendower	XRA00332	731269	6527402	0.031
Glendower	XRA00333	731237	6527379	0.024
Glendower	XRA00334	731203	6527356	0.022
Glendower	XRA00335	731171	6527333	0.023
Glendower	XRA00336	731139	6527310	0.027
Glendower	XRA00337	731106	6527287	0.017
Glendower	XRA00338	731072	6527264	0.018
Glendower	XRA00339	731040	6527241	0.026
Glendower	XRA00340	731008	6527218	0.003
Glendower	XRA00341	730851	6527231	0.023
Glendower	XRA00342	730884	6527254	0.022
Glendower	XRA00343	730918	6527277	0.023
Glendower	XRA00344	730949	6527300	0.002
Glendower	XRA00345	730983	6527323	0.017
Glendower	XRA00346	731016	6527346	0.029
Glendower	XRA00347	731049	6527369	0.027
Glendower	XRA00348	731081	6527393	0.024
Glendower	XRA00349	731114	6527415	0.028
Glendower	XRA00350	731146	6527438	0.016
Glendower	XRA00351	731179	6527460	0.002
Glendower	XRA00352	731211	6527484	0.025
Glendower	XRA00353	731244	6527508	0.02
Glendower	XRA00354	731277	6527530	0.02
Glendower	XRA00355	731219	6527612	0.018
Glendower	XRA00356	731187	6527588	0.013
Glendower	XRA00357	731153	6527566	0.018
Glendower	XRA00358	731121	6527543	0.002
Glendower	XRA00359	731088	6527520	0.023
Glendower	XRA00360	731056	6527497	0.025
Glendower	XRA00361	731023	6527474	0.028
Glendower	XRA00362	730990	6527451	0.013
Glendower	XRA00363	730957	6527428	0.017
Glendower	XRA00364	730926	6527406	0.024
Glendower	XRA00365	730892	6527382	0.025
Glendower	XRA00366	730859	6527359	0.027
Glendower	XRA00367	730826	6527335	0.015
Glendower	XRA00368	730794	6527313	0.016
Glendower	XRA00369	730761	6527290	0.017
Glendower	XRA00370	730728	6527266	0.031
Glendower	XRA00371	730671	6527349	0.064
Glendower	XRA00372	730703	6527371	0.104
Glendower	XRA00373	730736	6527396	0.031
Glendower	XRA00374	730769	6527417	0.021

Prospect	Hole_ID	East	North	Au ppm
Glendower	XRA00375	730802	6527440	0.002
Glendower	XRA00376	730834	6527463	0.022
Glendower	XRA00377	730867	6527487	0.018
Glendower	XRA00378	730900	6527510	0.016
Glendower	XRA00379	730934	6527534	0.014
Glendower	XRA00380	730876	6527616	0.009
Glendower	XRA00381	730844	6527592	0.056
Glendower	XRA00382	730810	6527569	0.003
Glendower	XRA00383	730778	6527547	0.036
Glendower	XRA00384	730745	6527523	0.224
Glendower	XRA00385	730713	6527501	0.088
Glendower	XRA00386	730680	6527478	0.047
Glendower	XRA00387	730647	6527455	0.114
Glendower	XRA00388	730614	6527431	0.119
Glendower	XRA00389	730589	6527537	0.072
Glendower	XRA00390	730622	6527560	0.074
Glendower	XRA00391	730655	6527583	0.067
Glendower	XRA00392	730688	6527606	0.048
Glendower	XRA00393	730720	6527629	0.039
Glendower	XRA00394	730752	6527651	0.032
Glendower	XRA00395	730786	6527675	0.023
Glendower	XRA00396	730819	6527698	0.021
Glendower	XRA00397	730662	6527710	0.028
Glendower	XRA00398	730630	6527687	0.007
Glendower	XRA00399	730598	6527665	0.034
Glendower	XRA00400	730563	6527640	0.041
Glendower	XRA00401	730530	6527618	0.03
Glendower	XRA00402	730474	6527699	0.004
Glendower	XRA00403	730510	6527721	0.034
Glendower	XRA00404	730539	6527745	0.136
Glendower	XRA00405	730574	6527768	0.008
Glendower	XRA00406	730605	6527791	0.038
Glendower	XRA00407	730547	6527873	0.037
Glendower	XRA00408	730515	6527850	0.032
Glendower	XRA00409	730482	6527828	0.053
Glendower	XRA00410	730449	6527804	0.061
Mt Caudin	XRA00411	742748	6504348	0.035
Mt Caudin	XRA00412	742709	6504359	0.006
Mt Caudin	XRA00413	742670	6504367	0.008
Mt Caudin	XRA00414	742633	6504381	0.015
Mt Caudin	XRA00415	742595	6504380	0.008
Mt Caudin	XRA00416	742556	6504403	0.005
Mt Caudin	XRA00417	742518	6504415	0.02
Mt Caudin	XRA00418	742480	6504425	0.005
Mt Caudin	XRA00419	742441	6504436	0.006
Mt Caudin	XRA00420	742403	6504448	0.004
Mt Caudin	XRA00421	742391	6504243	0.124
Mt Caudin	XRA00422	742353	6504255	0.984
Mt Caudin	XRA00423	742314	6504267	0.053
Mt Caudin	XRA00424	742275	6504276	0.01
Mt Caudin	XRA00425	742238	6504288	0.017

Prospect	Hole_ID	East	North	Au ppm
Mt Caudin	XRA00426	742200	6504301	0.005
Mt Caudin	XRA00427	742160	6504311	0.001
Mt Caudin	XRA00428	742122	6504322	0.003
Mt Caudin	XRA00429	742084	6504333	0.004
Mt Caudin	XRA00430	742046	6504345	0.015
Mt Caudin	XRA00431	742013	6504355	0.059
Mt Caudin	XRA00432	742697	6504154	0.008
Mt Caudin	XRA00433	742660	6504165	0.005
Mt Caudin	XRA00434	742622	6504176	0.015
Mt Caudin	XRA00435	742583	6504187	0.048
Mt Caudin	XRA00436	742545	6504201	0.003
Mt Caudin	XRA00437	742506	6504210	0.016
Mt Caudin	XRA00438	742470	6504221	0.009
Mt Caudin	XRA00439	742430	6504232	0.068
Mt Caudin	XRA00440	742648	6503963	0.011
Mt Caudin	XRA00441	742608	6503975	0.028
Mt Caudin	XRA00442	742571	6503985	0.049
Mt Caudin	XRA00443	742532	6503996	0.042
Mt Caudin	XRA00444	742494	6504009	0.025
Mt Caudin	XRA00445	742456	6504019	0.003
Mt Caudin	XRA00446	742417	6504032	0.003
Mt Caudin	XRA00447	742379	6504041	0.011
Mt Caudin	XRA00448	742341	6504054	0.005
Mt Caudin	XRA00449	742302	6504064	0.069
Mt Caudin	XRA00450	742264	6504075	0.007
Mt Caudin	XRA00451	742225	6504085	0.05
Mt Caudin	XRA00452	742187	6504098	0.009
Mt Caudin	XRA00453	742148	6504109	0.009
Mt Caudin	XRA00454	742109	6504120	0.014
Mt Caudin	XRA00455	742072	6504131	0.081
Mt Caudin	XRA00456	742032	6504142	0.013
Mt Caudin	XRA00457	742024	6503940	0.006
Mt Caudin	XRA00458	742062	6503925	0.004
Mt Caudin	XRA00459	742100	6503914	0.002
Mt Caudin	XRA00460	742139	6503903	0.002
Mt Caudin	XRA00461	742178	6503892	0.005
Mt Caudin	XRA00462	742217	6503880	0.002
Mt Caudin	XRA00463	742255	6503872	0.003
Mt Caudin	XRA00464	742292	6503858	0.005
Mt Caudin	XRA00465	742331	6503847	0.005
Mt Caudin	XRA00466	742369	6503835	0.013
Mt Caudin	XRA00467	742408	6503824	0.019
Mt Caudin	XRA00468	742447	6503815	0.013
Mt Caudin	XRA00469	742484	6503801	0.046
Mt Caudin	XRA00470	742524	6503791	0.038
Mt Caudin	XRA00471	742561	6503780	0.025
Mt Caudin	XRA00472	742601	6503768	0.017
Mt Caudin	XRA00473	742124	6503639	0.002
Mt Caudin	XRA00474	742084	6503648	0.016
Mt Caudin	XRA00475	742047	6503659	0.002

Coordinates from handheld GPS in UTM WGS84-Z50S

JORC Code, 2012 Edition: Table 1

Section 1: Sampling Techniques and Data

Criteria	JORC – Code of Explanation	Commentary
Sampling techniques	<i>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.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>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’).</i> <i>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.</i>	- A total of 475 auger holes were drilled for 1073m with samples taken by 4” open flight auger. - Interface samples from ~1-2m below surface from the saprolite layer. - One ~2kg sample was produced from a ~10kg sample reduced by scoop sampling at each drill site. - Samples were sieved to 1mm collecting the fine -1mm material into chip trays for analysis by pXRF - The samples underwent portable XRF analysis before being sent to the laboratory for fire assay analysis. - Sample intervals were measured and recorded off the drill rod per each hole to half metre intervals. - The pXRF device analysed each sample and underwent calibration, measured duplicates, and standards throughout the programme. - The portable XRF results are considered semi-quantitative and used for identifying anomalies above background and are not individually reported here. - Samples were sent to Nagrom Laboratory in Perth for typical crush and pulverise prep work followed by 50g fire assay analysis.
Drilling techniques	<i>Drill type (e.g. 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).</i>	A Landcruiser mounted auger rig was utilised for drilling 4” diameter holes.

Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Each drill site had sample depth details recorded on site by the auger rig operating staff.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	Interface samples were taken from to represent material below transported cover.
	<i>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.</i>	No bias observed.
Logging	<i>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.</i>	Logging recorded the gps location of the hole, depth of samples and basic geological information deemed adequate for auger drilling.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	. Qualitative
	<i>The total length and percentage of the relevant intersections logged.</i>	Each sample site was logged
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	N/A
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	All samples were dry
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	Sample preparation is appropriate to the sample type and is of a standard considered acceptable by the Competent Person
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	Commercially prepared standard samples were inserted at a rate of one per ~40 samples.
	<i>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.</i>	One field duplicate sample was taken and submitted each ~40 samples.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Sample sizes are considered appropriate for the sampling technique of an auger programme.

Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	The laboratory analysis is deemed appropriate for the sampling technique of an auger programme.
	<i>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 derivations, etc.</i>	N/A
	<i>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.</i>	The Competent Person considers that commercially prepared standard samples and the addition of duplicate samples is in sufficient proportion to inform a meaningful analysis of accuracy with results confirming this.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	N/A
	<i>The use of twinned holes.</i>	N/A
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	All data was captured in the field by drill contractors and supplied in digital form to Xantippe which has been added to a commercial relational database.
	<i>Discuss any adjustment to assay data.</i>	Assays received below detection limit ("<0.001" ppm Au) were designated a numerical value of half the detection limit (0.0005 ppm Au) for mapping purposes.
Location of data points	<i>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.</i>	Hole collars were located with a hand-held GPS and deemed of sufficient accuracy for this programme.
	<i>Specification of the grid system used.</i>	All hole collars were located in accordance with the WGS84/MGA94 grid, Zone 50
	<i>Quality and adequacy of topographic control.</i>	N/A
	<i>Data spacing for reporting of Exploration Results.</i>	Holes were drilled ~40m apart on 100m or 200m lines.

Data spacing and distribution	<i>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.</i>	N/A
	<i>Whether sample compositing has been applied.</i>	Sample intervals over 1m were scoop sampled to appropriate size.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Vertical holes were drilled with the data considered as surface point data so orientation relationships are not relevant.
	<i>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.</i>	As above
Sample security	<i>The measures taken to ensure sample security.</i>	Samples were collected on site under the supervision of the drill contractors and delivered to the laboratory in Perth.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audit has been undertaken of the preliminary results being reported.

Section 2: Reporting of Exploration Results

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

	JORC – Code of Explanation	Commentary
Tenement and land tenure status	<i>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.</i>	Most of the tenure is held by V. Strange under prospecting licences and exploration licences, granted and pending. Tenements will be transferred to Xantippe Resources Ltd on execution of exclusive options. There are no native title interests over granted tenure. Tenement applications may be subject to native title, yet to be determined.
	<i>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.</i>	Tenements are granted or pending and reported to be in good standing
Exploration done by other parties	<i>Acknowledgement and appraisal of exploration by other parties.</i>	The Company has obtained historical exploration records from DMIRS WAMEX database. Most of the historical work was conducted by Sons of Gwalia Ltd (public company). The Competent Person considers this work to have been undertaken in accordance with industry standards current at the time.
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	The mineralisation types include structurally controlled epithermal gold, banded-iron-formation (BIF) hosted gold, pegmatitic tin-tantalum-niobium and porphyry copper-gold mineralisation. The geological setting is Archean greenstones of the Yilgarn Goldfield intruded by Archean granite domes.

Drill hole information	<i>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:</i> • <i>easting and northing of the drill hole collar</i> • <i>elevation or RL (Reduce Level) – elevation above sea level in metres) of the drill hole collar</i> • <i>dip and azimuth of the hole</i> • <i>down hole length and interception depth</i> • <i>hole length</i>	Locations of the drill sites have been recorded by handheld GPS and is considered sufficient for an auger sampling programme. A list of drill hole data has been provided in the Appendix of the report.
	<i>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.</i>	Handheld GPS positions of all drill sites have been included but do not record the elevation or RL. This does not detract from the report due to the nature of the samples being surface points.
Data aggregation methods	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	Assay data is reported as received from the laboratory.
	<i>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.</i>	N/A
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	No metal equivalent values have been reported.
Relationship between mineralisation widths and	<i>These relationships are particularly important in the reporting of Exploration Results.</i>	N/A
	<i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i>	N/A

intercept lengths	<i>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').</i>	N/A
Diagrams	<i>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.</i>	Maps have been included in the report.
Balanced reporting	<i>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.</i>	Each drill site has one sample reported as surface geochemistry data.
Other substantive exploration data	<i>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.</i>	N/A
Further work	<i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	The company is planning follow up infill work around anomalies or areas of interest.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	The Competent Person advises that geological interpretation is ongoing and subject to change with the most current understandings presented in this report at the time of writing.