

NEW GOLD TARGET IDENTIFIED AT COBAR GOLD PROJECT

RC DRILLING PROGRAM TO BE UNDERTAKEN IN EMERGING GOLD CAMP

Highlights

- Results from regional auger soil sampling have identified a new gold in soil anomaly at the Republic Prospect. The robust gold anomaly remains open to the northeast, southwest and southeast.
- Identification of the Republic Prospect confirms the geological model being targeted.
- Planning for a reverse circulation (RC) drilling program has been finalised. The program is designed to expand on recent significant gold intercepts at the Battery Tank, Good Friday, Sunrise and Boundary Prospects, and provide initial drill testing at the new Republic Prospect and other regional prospects.
- The drilling program is expected to commence once approvals have been secured.
- The 30 hole RC program will be testing the strike and dip extent of gold structures which previously returned significant gold drill results including:
 - **Battery Tank Prospect:**
Aircore: 14m @ 2.8g/t Au and 4m @ 13.3g/t Au within 43m @ 2.3g/t Au from surface to EOH¹.
DDH: 10m @ 3.3 g/t Au (incl. 3.3m @ 5.2g/t Au) and 5m @ 2.4g/t Au within 54.5m @ 1g/t Au¹.
 - **Good Friday Prospect:**
DDH: 39m @ 2.4g/t Au (incl. 8m @ 4.9g/t Au & 7.8m @ 4.0g/t Au) within 66m @ 1.5g/t Au¹.
RC: 25m @ 25.5g/t Au and 18m @ 3.2g/t Au¹.
 - **Sunrise Prospect:**
DDH: 8m @ 3.3g/t Au (incl. 3m @ 6.1g/t Au), 2m @ 3.5 g/t Au, 7m @ 1.3g/t Au and 7m @ 1.2g/t Au within 88m @ 0.7g/t Au¹.
RC: 11m @ 3.5g/t Au within 28m @ 2.3g/t Au and 13m @ 4.2g/t Au¹.
 - **Boundary Prospect:**
DDH: 5m @ 9.3g/t Au, 11.4m @ 5.1g/t Au within 45m @ 3.4g/t Au¹.
RC: 15m @ 2.3g/t Au within 70m @ 1.1g/t Au and 5m @ 2.7g/t Au¹.
- A new geological model and structural interpretation is driving the recent and planned exploration programs and these exploration results highlight the potential for further identification of linkage between prospects and additional gold mineralisation throughout this prospective and emerging gold camp.

Helix Resources Limited (ASX:HLX) is pleased to provide an update regarding its exploration activities at the Cobar Gold Project in NSW.

Cobar Gold Project

The Cobar Gold Project is located approximately 40km southeast of the mining hub of Cobar in Central NSW. Helix's 750km² of tenements cover an entire goldfield hosted in a regionally significant anticline, where northwest regional trends appear to control gold-bearing structures in highly altered sediments. Gold mineralisation was targeted by a series of historic shafts and pits when the area was mined in the late 1800's. The goldfield was only abandoned due to a lack of water to process the gold ore at the time. The goldfield has small historic gold workings scattered over a 13km x 5km area, demonstrating the potentially extensive gold mineralised systems present in the area. The area has had only limited drilling to a maximum depth of 120m from surface at four of the prospects (**Battery Tank, Good Friday, Sunrise and Boundary**).

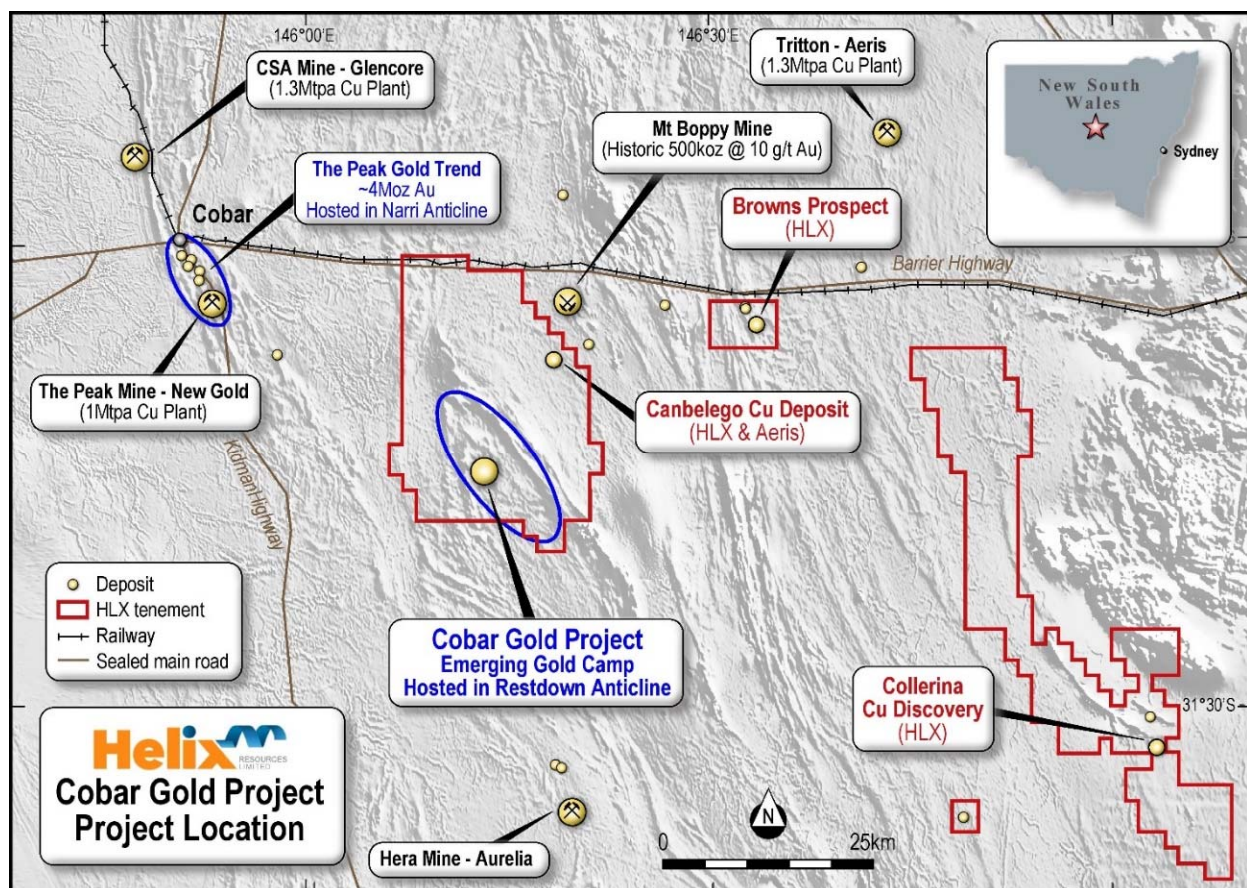


Figure 1: Location of the Cobar Gold Project which has a similar geological and structural setting to the Peak Gold Trend and also showing the wider district with several nearby long-life operations and significant new discoveries; including Helix's Collerina Copper Project.

Republic Prospect - New Gold Geochemical Anomaly

Helix recently carried out soil auger sampling on a 20m x 20m soil grid, using the Company's hydraulic auger rig at the Republic Prospect, a priority target area approximately three kilometres northwest of the four known prospects.

The Republic Prospect sits on a regionally significant northsouth structure, intersected by northwest lineaments and local northeast sub-structures (refer figure 2). The area has historic trenching, dry-blowing piles and an abandoned mine shaft nearby.

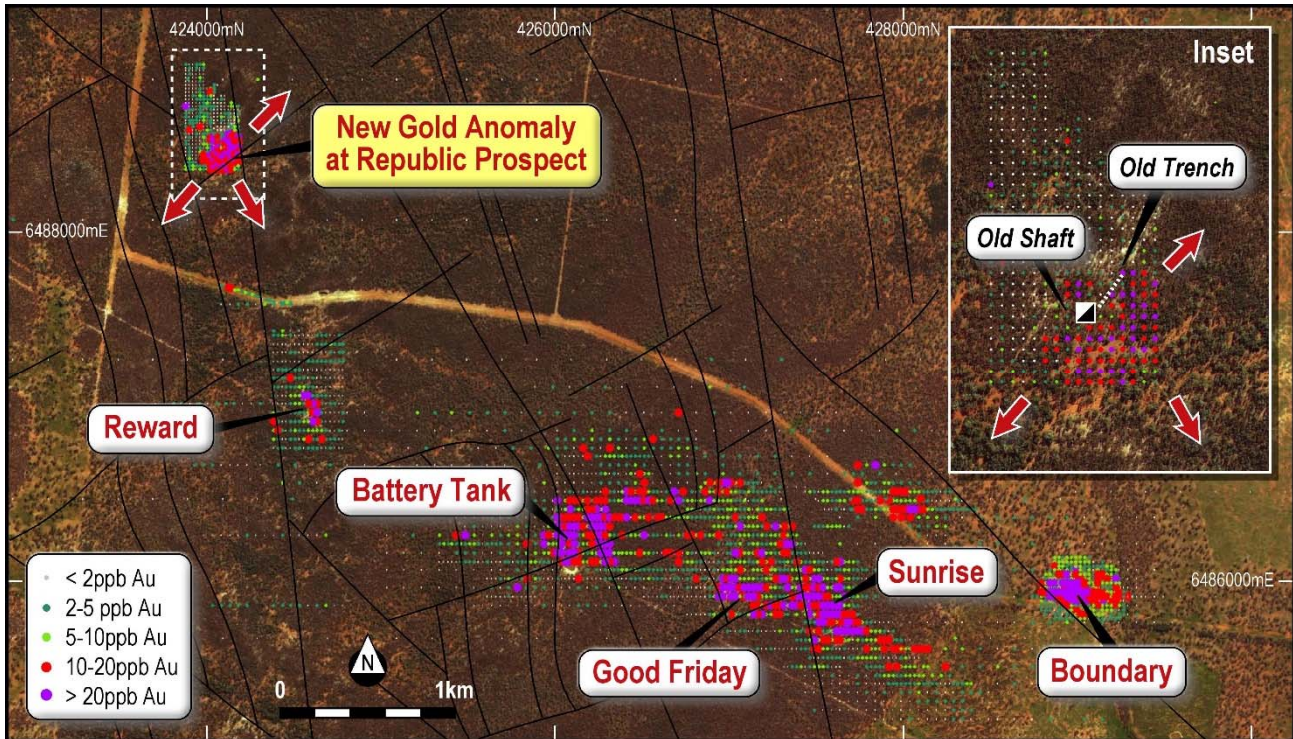


Figure 2: Soil coverage showing new Republic Prospect area, inset shows potential extensions to target zone

The geochemical survey has identified a robust gold in soil anomaly in the targeted area. A total of 421 samples were collected, with assays highlighting a coherent greater than 10ppb gold in soil anomaly peaking at 138ppb gold with coincident pathfinder element anomalism also present. Higher tenor results (>20ppb gold) follow a northeasterly trend within the broader anomaly. *Note: Background gold anomalism in this area is less than 1ppb gold.*

The gold in soil anomaly is located in an open woodland, abutting, then continuing southeast of the historic gold workings. The bedrock in this area is completely untested and is a priority target in the upcoming regional drilling planned on the project.

The new geological and structural interpretation provides scope for potential linkage between the known prospects, both along strike and under shallow cover in drainage channels. Consequently, additional soil sampling will be conducted northeast, southwest and southeast of the Republic Prospect anomaly to cover the full extent of the target zone as well as target other areas identified in the regional structural review.

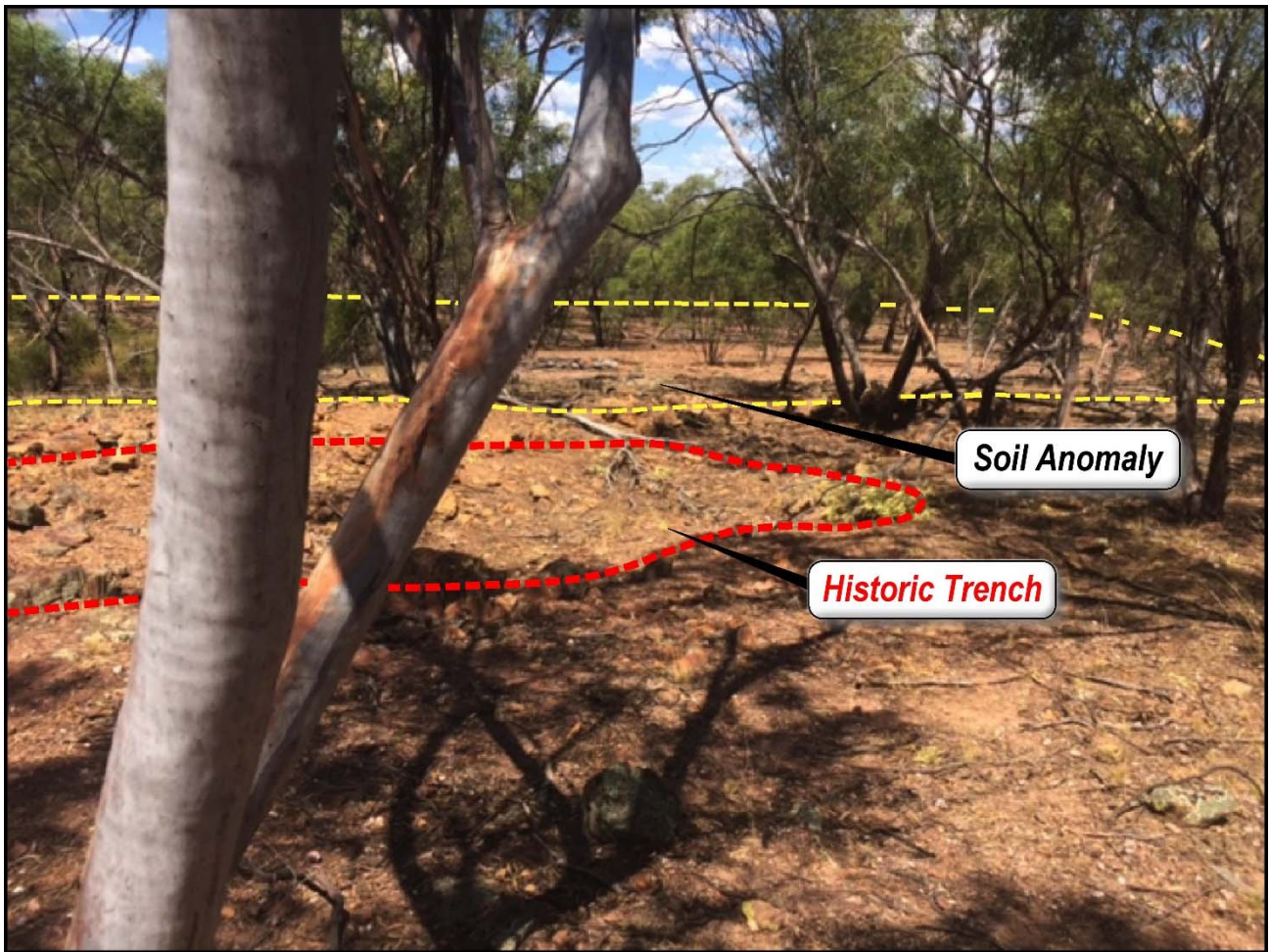


Photo 1: Historic trench in foreground, Republic Prospect soil anomaly is located south east of the workings.

Existing Prospects – Planned Drilling

In addition, Helix has finalised plans for further RC drilling at Battery Tank, Good Friday, Sunrise and Boundary. Helix plans to drill 6-8 RC holes at each prospect targeting dip and strike extensions of the recently identified northeast high grade gold mineralised structures. Drilling will commence upon receipt of statutory approvals.

Drilling will be targeting extensions around the previously reported significant gold results including:

- **Battery Tank Prospect:**
Aircore: 14m @ 2.8g/t Au and 4m @ 13.3g/t Au within 43m @ 2.3g/t Au from surface to EOH¹.
DDH: 10m @ 3.3 g/t Au (incl. 3.3m @ 5.2g/t Au) and 5m @ 2.4g/t Au within 54.5m @ 1g/t Au¹.
- **Good Friday Prospect:**
DDH: 39m @ 2.4g/t Au (incl. 8m @ 4.9g/t Au), 7.8m @ 4.0g/t Au within 66m @ 1.5g/t Au¹.
RC: 25m @ 25.5g/t Au and 18m @ 3.2g/t Au¹.

- Sunrise Prospect:**
DDH: 8m @ 3.3g/t Au (incl. 3m @ 6.1g/t Au), 2m @ 3.5 g/t Au, 7m @ 1.3g/t Au and 7m @ 1.2g/t Au within 88m @ 0.7g/t Au¹.
RC: 11m @ 3.5g/t Au within 28m @ 2.3g/t Au and 13m @ 4.2g/t Au¹.
- Boundary Prospect:**
DDH: 5m @ 9.3g/t Au, 11.4m @ 5.1g/t Au within 45m @ 3.4g/t Au¹.
RC: 15m @ 2.3g/t Au within 70m @ 1.1g/t Au and 5m @ 2.7g/t Au¹.

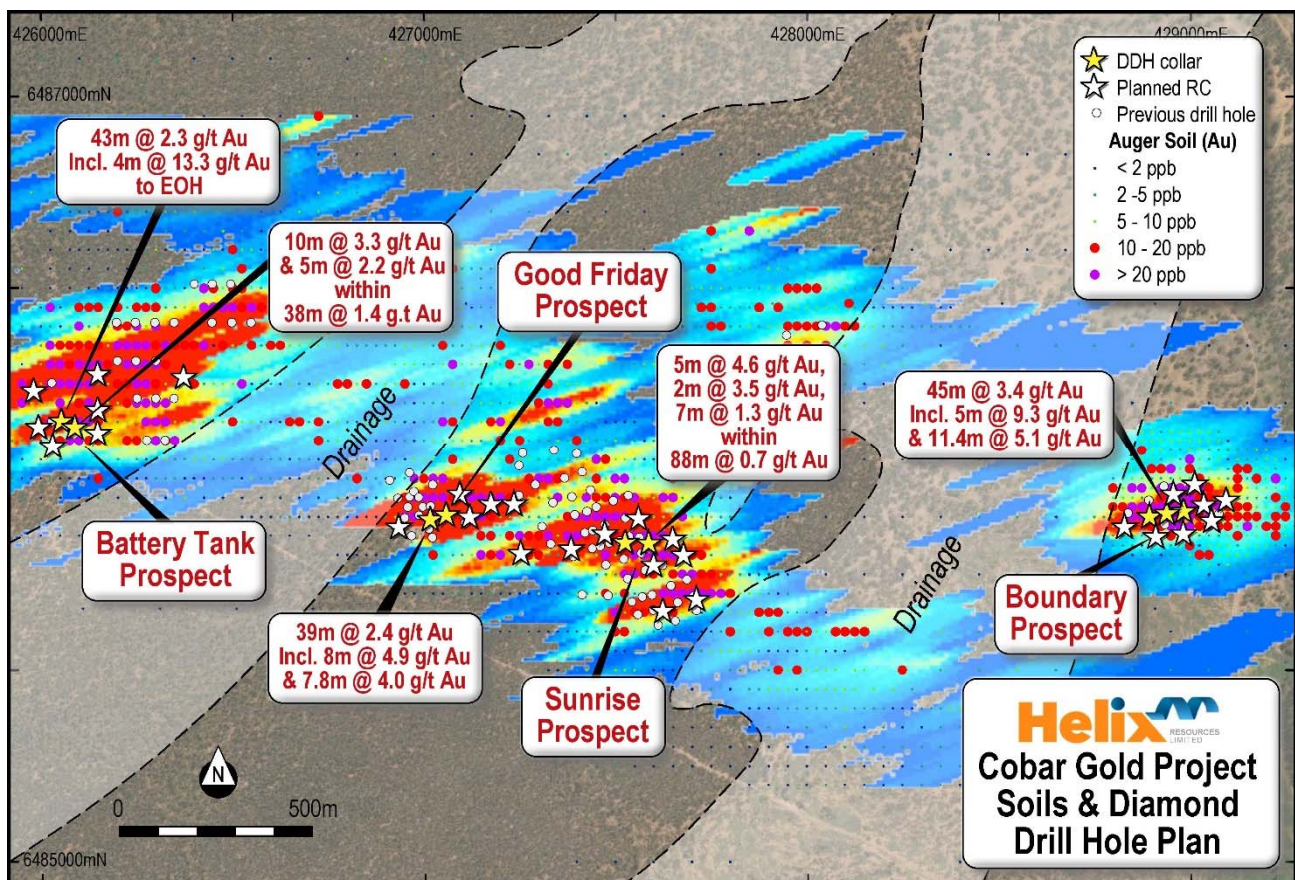


Figure 3: RC drilling will test northeast structures with 6-8 holes per prospect (white stars).

- ENDS -

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Competent Persons Statement

The information in this announcement that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr M Wilson who is a full time employee of Helix Resources Limited and a Member of The Australasian Institute of Mining and Metallurgy. Mr M Wilson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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'. Mr M Wilson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Details of the assumptions underlying any Resource estimations are contained in previous ASX releases or at www.helix.net.au

¹ For full details of exploration results refer to ASX announcement dated 7 April 2011, 17 November 2016, 3 April 2017 and 26 April 2017. Helix Resources is not aware of any new information or data that materially effects the information in this announcement.

Table 1: Soil samples and results for the Republic soil sampling

Sample No	East	North	Au(ppb)	Zn(ppm)	Fe(ppm)	Mn(ppm)	As(ppm)	Cu(ppm)	Sb(ppm)
279201	423900	6488350	8	76	5.8	210	18	55	1.98
279202	423900	6488370	7.5	42	2.68	160	6	31	1.8
279203	423900	6488390	3.5	56	4.06	312	12	33	2.22
279204	423900	6488410	0.25	62	4.39	78	12	32	2.26
279205	423900	6488430	0.25	98	5.95	64	16	47	3.44
279206	423900	6488450	1.5	54	4.14	88	17	32	2
279207	423900	6488470	0.25	22	1.55	54	4	13	1.96
279208	423900	6488490	4	32	3.4	106	14	22	1.66
279209	423900	6488510	3	50	3.66	110	16	27	1.48
279210	423900	6488530	1	72	5.62	110	24	41	2.12
279211	423900	6488550	3	66	4.6	152	14	32	1.34
279212	423900	6488570	4.5	72	4.86	138	15	38	1.54
279213	423900	6488590	4	52	4.16	132	18	28	1.68
279214	423900	6488610	2	42	3.85	128	12	22	2.18
279215	423900	6488630	1.5	42	3.4	138	11	23	1.94
279216	423900	6488650	2.5	42	3.52	174	10	20	1.32
279217	423900	6488670	3	62	4.12	88	14	27	1.36
279218	423900	6488690	8	44	3.82	344	46	26	2.82
279219	423900	6488710	101	40	2.84	386	14	31	3.8
279220	423900	6488730	1.5	102	6.61	130	15	37	1.7
279221	423900	6488750	1	74	5.19	56	16	32	2.56
279222	423900	6488770	0.5	48	2.78	106	6	24	1.36
279223	423900	6488790	0.25	44	3.78	54	11	83	1.74
279224	423900	6488810	0.25	60	3.62	126	9	30	1.8
279225	423900	6488830	1	106	6.45	72	65	47	3.38
279226	423900	6488850	1.5	62	5.02	86	9	24	1.18
279228	423900	6488870	1.5	62	4.79	90	7	35	1.26
279229	423900	6488890	0.25	42	3.46	58	20	24	1.88
279230	423900	6488910	1	60	4.58	106	9	24	1.32
279231	423900	6488930	0.25	56	4.43	90	6	24	1.08
279232	423900	6488950	3	46	4.12	86	7	24	1.32
279233	423920	6488950	0.25	44	6.03	40	11	22	2.02
279234	423920	6488930	4.5	46	3.44	104	6	22	1.1
279235	423920	6488910	1	66	4.75	90	10	26	1.28
279236	423920	6488890	2.5	20	1.96	74	9	13	1.42
279237	423920	6488870	0.5	32	3.02	56	7	26	2.18
279238	423920	6488850	0.5	230	8.92	54	6	39	1.5
279239	423920	6488830	1.5	48	3.87	72	6	26	1.2
279240	423920	6488810	1.5	54	4.15	84	7	30	1.04
279241	423920	6488790	0.25	26	1.83	36	7	18	1.52
279242	423920	6488770	0.25	42	2.79	230	9	23	1.52
279243	423920	6488750	0.5	36	3.17	46	14	37	2.58

279244	423920	6488730	0.25	44	3.96	116	14	28	2.28
279245	423920	6488710	2	56	4.69	90	17	36	3
279246	423920	6488690	3.5	56	4.28	136	18	28	1.84
279247	423920	6488670	1.5	36	2.95	140	7	20	1.26
279248	423920	6488650	1.5	40	3.63	100	13	21	2.04
279249	423920	6488630	4	46	3.58	122	16	27	1.7
279250	423920	6488610	4	44	3.85	136	17	29	1.74
279251	423920	6488590	2	50	4.15	100	22	31	2.04
279253	423920	6488570	11	50	3.69	132	15	26	1.5
279254	423920	6488550	0.25	58	5.33	86	30	23	1.78
279255	423920	6488530	2.5	46	3.91	118	17	31	1.74
279256	423920	6488510	1	82	5.05	52	25	29	2
279257	423920	6488490	0.5	46	4.24	64	18	26	1.96
279258	423920	6488470	3	66	4.68	74	12	32	2
279259	423920	6488450	3	36	2.66	56	7	19	1.88
279260	423920	6488430	2.5	40	2.78	56	7	20	1.8
279261	423920	6488410	6.5	58	4.72	68	22	40	2.38
279262	423920	6488390	5	56	4.78	66	21	37	2.28
279263	423920	6488370	2.5	56	4.33	156	13	28	1.58
279264	423920	6488350	5	64	3.9	184	11	32	1.92
279265	423940	6488350	7	50	3.44	48	10	26	2.66
279266	423940	6488370	6.5	74	4.95	104	7	36	1.84
279267	423940	6488390	2.5	60	4.79	80	14	27	1.86
279268	423940	6488410	1	82	5.09	70	13	34	3.42
279269	423940	6488430	0.25	50	3.73	66	13	25	2.2
279270	423940	6488450	0.25	42	3.02	74	7	22	2.24
279271	423940	6488470	0.25	90	6.31	62	19	32	3.08
279272	423940	6488490	0.25	50	3.57	48	19	31	1.92
279273	423940	6488510	0.5	68	3.66	46	18	28	1.42
279274	423940	6488530	0.25	60	5.9	42	34	47	2.46
279275	423940	6488550	2	58	3.65	70	19	19	1.56
279276	423940	6488570	0.25	44	3.77	188	17	22	1.64
279278	423940	6488590	3	56	4.89	152	27	34	2.28
279279	423940	6488610	3	64	4.99	150	26	34	2.32
279280	423940	6488630	2.5	48	4.13	130	12	26	1.92
279281	423940	6488650	1	48	4.3	82	17	25	2.94
279282	423940	6488670	1.5	48	4.75	126	12	28	2.54
279283	423940	6488690	2.5	66	4.47	122	11	34	2.76
279284	423940	6488710	0.5	36	3.4	54	17	49	3.08
279285	423940	6488730	0.5	56	4.53	42	19	48	2.66
279286	423940	6488750	0.25	64	4.04	60	13	54	1.94
279287	423940	6488770	4.5	76	4.96	280	10	41	1.66
279288	423940	6488790	0.25	28	2.27	56	5	18	1.3
279289	423940	6488810	0.25	48	3.27	74	11	32	1.52
279290	423940	6488830	0.25	48	4.23	52	9	19	1.82
279291	423940	6488850	0.25	72	4.38	80	6	24	0.9

279292	423940	6488870	0.25	84	5.87	74	11	29	2.64
279293	423940	6488890	0.5	40	4.13	104	7	22	1.4
279294	423940	6488910	0.25	40	2.83	86	7	22	1.56
279295	423940	6488930	1.5	52	4.22	132	7	23	1.22
279296	423940	6488950	1	52	4.32	136	7	23	1.34
279297	423960	6488950	2.5	52	3.3	46	5	24	1.16
279298	423960	6488930	2.5	52	3.31	46	6	29	1.1
279299	423960	6488910	0.25	68	4.54	74	10	43	1.56
279300	423960	6488890	0.25	72	4.57	74	9	42	1.54
279301	423960	6488870	2	50	4.03	214	12	48	2.26
279303	423960	6488850	0.25	44	2.95	94	6	27	0.98
279304	423960	6488830	0.25	60	6.69	58	12	35	2.4
279305	423960	6488810	0.5	20	2.53	68	5	30	1.82
279306	423960	6488790	0.25	16	1.93	42	10	17	2.44
279307	423960	6488770	0.25	16	1.93	44	10	19	2.52
279308	423960	6488750	3	20	2.31	54	11	24	2.14
279309	423960	6488730	2	40	3.93	66	13	36	2.68
279310	423960	6488710	0.5	28	2.55	112	6	22	1.16
279311	423960	6488690	0.25	28	2.62	116	6	23	1.1
279312	423960	6488670	0.25	28	2.61	118	6	23	1.1
279313	423960	6488650	3.5	48	4.77	140	16	39	2.38
279314	423960	6488630	5	40	4.09	76	14	36	2.58
279315	423960	6488610	3	44	4.7	104	30	42	4.64
279316	423960	6488590	1	24	2.73	52	12	19	2.34
279317	423960	6488570	2	24	2.69	54	12	18	2.38
279318	423960	6488550	3	28	2.62	52	12	19	2.22
279319	423960	6488530	2	16	1.36	32	7	45	2.64
279320	423960	6488510	0.25	40	2.41	50	14	14	1.52
279321	423960	6488490	0.25	72	4.99	46	30	22	3.06
279322	423960	6488470	1.5	52	3.42	64	14	34	2.4
279323	423960	6488450	1.5	52	3.52	70	14	35	2.52
279324	423960	6488430	1	56	3.59	68	15	34	2.6
279325	423960	6488410	1.5	72	4.15	68	15	32	2.44
279326	423960	6488390	2	40	4.41	56	29	30	2.5
279328	423960	6488370	2.5	44	4.9	72	19	29	3.16
279329	423960	6488350	1.5	52	4.81	106	13	28	2.54
279330	423980	6488350	6	52	4.43	110	11	26	1.58
279331	423980	6488370	2.5	36	5.09	46	24	23	4.08
279332	423980	6488390	1	44	3.71	50	20	28	2.6
279333	423980	6488410	1.5	44	3.73	48	19	27	2.62
279334	423980	6488430	0.5	66	4	52	19	52	3.16
279335	423980	6488450	10	54	3.58	72	10	29	1.66
279336	423980	6488470	2.5	24	1.68	54	14	13	4.32
279337	423980	6488490	0.25	16	1.02	26	7	6	1.02
279338	423980	6488510	0.25	32	2.77	48	12	24	1.94
279339	423980	6488530	2	30	2.6	54	13	26	2.3

279340	423980	6488550	0.5	22	1.93	38	12	26	1.62
279341	423980	6488570	6.5	64	3.52	110	19	34	2.52
279342	423980	6488590	15	76	5.02	90	13	36	1.98
279343	423980	6488610	1.5	38	4.26	86	26	31	3.18
279344	423980	6488630	2	42	3.76	134	14	26	2.02
279345	423980	6488650	4.5	54	5.97	124	28	27	3.16
279346	423980	6488670	4.5	56	6.08	120	28	29	2.88
279347	423980	6488690	5	66	3.78	120	13	34	1.66
279348	423980	6488710	5	62	3.82	120	13	34	1.68
279349	423980	6488730	2	188	9.72	110	20	42	2.32
279350	423980	6488750	3	160	8.44	108	20	46	2.96
279351	423980	6488770	8.5	76	3.42	60	11	38	3.38
279353	423980	6488790	3	32	2.58	60	12	34	1.7
279354	423980	6488810	2.5	66	3.54	112	9	30	1.92
279355	423980	6488830	2	50	3.8	74	7	24	1.16
279356	423980	6488850	4	32	2.32	54	9	22	1.92
279357	423980	6488870	7	50	3.67	118	7	27	1.1
279358	423980	6488890	1	76	4.11	114	9	33	1.24
279359	423980	6488910	1.5	94	6.01	68	7	36	1.48
279360	423980	6488930	1.5	62	3.9	112	7	22	0.98
279361	423980	6488950	3.5	32	2.26	108	11	18	1.72
279362	424000	6488950	7	54	3.31	164	9	26	1.5
279363	424000	6488930	4.5	46	3.38	168	10	29	2.02
279364	424000	6488910	1	44	2.88	56	7	22	1.3
279365	424000	6488890	1.5	48	2.93	64	7	23	1.34
279366	424000	6488870	1	46	2.87	58	7	22	1.32
279367	424000	6488850	1	48	2.51	56	5	21	1.4
279368	424000	6488830	1	94	3.56	74	5	19	1.46
279369	424000	6488810	1.5	94	3.49	78	5	21	1.48
279370	424000	6488790	2	54	5.04	52	14	34	2.8
279371	424000	6488770	3	40	4.52	58	13	30	3.74
279372	424000	6488750	3	40	4.56	58	13	34	3.72
279373	424000	6488730	3	54	5.5	96	12	30	1.62
279374	424000	6488710	3	58	5.58	96	13	30	1.34
279375	424000	6488690	2	34	2.77	100	7	20	1.16
279376	424000	6488670	2.5	62	6.96	90	21	48	3.6
279378	424000	6488650	9.5	28	3.53	122	15	22	3.4
279379	424000	6488630	6.5	44	4.74	78	49	31	3.72
279380	424000	6488610	2	48	4.62	58	14	34	3.3
279381	424000	6488590	2	30	2.54	48	11	14	2.44
279382	424000	6488570	2	26	2.49	48	12	17	2.56
279383	424000	6488550	3	68	3.4	64	14	17	2.64
279384	424000	6488530	9	60	4.04	74	10	24	1.52
279385	424000	6488510	1.5	22	1.74	38	16	21	3
279386	424000	6488490	6.5	26	2.12	48	20	29	3.72
279387	424000	6488470	1	24	2.04	38	21	31	3.02

279388	424000	6488450	1.5	50	3.75	58	30	23	1.88
279389	424000	6488430	15	50	4.37	62	116	46	2.9
279390	424000	6488410	11.5	24	1.92	64	9	27	3.26
279391	424000	6488390	18	52	4.23	60	17	37	3.16
279392	424000	6488370	4	46	3.63	56	11	22	1.82
279393	424000	6488350	4	48	3.6	54	11	20	1.92
279394	424020	6488350	6	56	3.94	150	12	23	1.34
279395	424020	6488370	2.5	100	5.84	88	20	45	2.14
279396	424020	6488390	2	68	4.68	80	26	38	1.78
279397	424020	6488410	19	66	4.12	94	17	43	1.84
279398	424020	6488430	18.5	66	4.17	94	16	37	1.84
279399	424020	6488450	3.5	328	22.4	122	55	80	2.54
279400	424020	6488470	9	86	5.37	78	21	36	2.48
279401	424020	6488490	6.5	48	3.25	48	15	39	3.5
279403	424020	6488510	3	60	3.77	56	19	22	3.48
279404	424020	6488530	3	36	3.27	54	15	28	2.36
279405	424020	6488550	4.5	30	2.93	204	40	30	3.46
279406	424020	6488570	8	94	4.62	66	17	44	5.24
279407	424020	6488590	1.5	86	4.72	66	16	52	2.18
279408	424020	6488610	1.5	48	4.61	60	16	29	2.28
279409	424020	6488630	2	26	2.4	48	13	14	2.4
279410	424020	6488650	3.5	32	2.96	84	14	23	2.92
279411	424020	6488670	3	36	3.37	84	16	23	2.82
279412	424020	6488690	2	30	2.9	68	10	17	1.98
279413	424020	6488710	2.5	30	2.76	78	10	17	1.62
279414	424020	6488730	9	76	4.57	568	11	43	2.06
279415	424020	6488750	3	56	3.64	264	9	30	1.92
279416	424020	6488770	2	98	6.16	98	14	38	3.1
279417	424020	6488790	2	56	4.73	92	12	30	2.56
279418	424020	6488810	2	48	3.79	54	7	29	2.48
279419	424040	6488810	8.5	60	3.84	76	10	26	1.52
279420	424040	6488790	16	56	4.15	70	10	47	2.12
279421	424040	6488770	7.5	68	5.06	60	12	43	1.72
279422	424040	6488750	2.5	40	3.14	46	7	26	2.14
279423	424040	6488730	2	28	3.68	48	13	26	2.82
279424	424040	6488710	3	28	2.71	66	10	17	1.56
279425	424040	6488690	2.5	30	2.53	74	11	15	1.5
279426	424040	6488670	2	24	3.43	62	16	13	3.26
279428	424040	6488650	1.5	24	1.92	42	13	12	2.78
279429	424040	6488630	3	28	3.18	48	16	32	2.88
279430	424040	6488610	3	36	3.61	62	19	38	2.54
279431	424040	6488590	1.5	14	2.13	28	15	5	4.14
279432	424040	6488570	2.5	32	3	58	29	26	2.84
279433	424040	6488550	3	48	3.77	68	13	35	2.88
279434	424040	6488530	17.5	44	3.48	68	17	33	3.02
279435	424040	6488510	11	70	5.08	56	35	54	4

279436	424040	6488490	3.5	100	5	60	30	34	2.58
279437	424040	6488470	4.5	158	5.91	68	29	55	2.76
279438	424040	6488450	7.5	138	5.19	96	24	32	2.44
279439	424040	6488430	30	80	4.83	206	25	35	1.7
279440	424040	6488410	4.5	114	5.33	110	26	34	1.92
279441	424040	6488390	13.5	66	4.45	78	21	32	3.32
279442	424040	6488370	14.5	70	4.31	162	20	37	2.32
279443	424040	6488350	20	80	5.5	76	25	46	3.08
279444	424060	6488350	12.5	62	4.37	224	20	30	1.78
279445	424060	6488370	28	76	5.58	134	28	38	1.98
279446	424060	6488390	18.5	126	8.4	118	45	44	2.6
279447	424060	6488410	23	86	5.15	96	34	51	1.96
279448	424060	6488430	19.5	90	4.59	124	33	37	1.48
279449	424060	6488450	3.5	112	6.88	120	76	70	3.4
279450	424060	6488470	24	152	6.54	158	72	34	2.56
279451	424060	6488490	7.5	80	4.22	64	17	29	2.48
279453	424060	6488510	103	98	5.63	68	41	66	5.32
279454	424060	6488530	65	36	2.01	128	16	32	4
279455	424060	6488550	4.5	28	2.92	46	16	17	2.18
279456	424060	6488580	0.25	24	2.41	46	73	42	1.96
279457	424060	6488610	0.25	42	3.26	44	13	29	1.82
279458	424060	6488630	0.5	26	4.55	54	21	27	2.86
279459	424060	6488650	0.25	18	1.7	32	19	19	2.9
279460	424060	6488670	0.25	24	1.64	38	11	17	2.66
279461	424060	6488690	0.25	28	3.25	36	16	44	2.78
279462	424060	6488710	3	30	2.63	50	7	20	1.62
279463	424060	6488730	0.5	30	3.74	48	20	23	2.86
279464	424060	6488750	0.25	38	1.99	44	10	32	1.54
279465	424060	6488770	0.25	30	2.58	56	9	30	1.62
279466	424060	6488790	4	54	4.47	74	14	36	2.32
279467	424060	6488810	3	54	3.44	76	11	22	1.66
279468	424060	6488830	2.5	56	4.64	106	17	48	3.2
279469	424080	6488830	0.25	24	3.33	36	13	21	2.88
279470	424080	6488750	0.5	48	4.82	46	15	34	2.92
279471	424080	6488730	2	30	3.69	52	16	18	2.26
279472	424080	6488710	0.5	26	2.04	58	9	10	2.04
279473	424080	6488690	0.25	26	3.98	36	17	66	3
279474	424080	6488670	0.25	30	4.31	50	29	32	2.54
279475	424080	6488650	0.25	42	2.71	226	10	26	1.64
279476	424080	6488630	1	22	1.9	44	14	17	3.52
279478	424080	6488590	0.25	16	1.43	26	11	7	4.22
279479	424080	6488570	0.25	18	2.79	42	21	16	3.78
279480	424080	6488550	3.5	26	3.65	48	87	44	6.38
279481	424080	6488530	14.5	24	3.24	52	147	34	5.7
279482	424080	6488510	3.5	104	5.27	56	33	29	2.44
279483	424080	6488490	10.5	146	6.08	900	47	41	5.86

279484	424080	6488470	58	154	7.45	1590	117	39	2.92
279485	424080	6488450	11	70	3.7	92	32	18	1.98
279486	424080	6488430	56	94	5.82	124	169	49	3.74
279487	424080	6488410	14	68	5.08	132	36	32	2.56
279488	424080	6488390	13.5	54	4.56	92	32	24	2.22
279489	424080	6488370	138	62	4.39	252	27	28	1.92
279490	424080	6488350	13	64	4.98	184	22	26	1.42
279491	424100	6488350	13	50	3.81	198	19	22	1.36
279492	424100	6488370	21	60	4.39	96	28	26	2.2
279493	424100	6488390	18	78	5	226	31	34	2.04
279494	424100	6488410	13	96	5.87	78	44	48	2.4
279495	424100	6488430	25.5	80	4.53	88	42	30	2.16
279496	424100	6488450	15	114	5.36	272	65	33	2.02
279497	424100	6488470	7.5	174	6.89	104	48	33	0.92
279498	424100	6488490	3	138	6.39	56	29	25	1.88
279499	424100	6488510	1.5	144	7.69	48	78	33	4.08
279500	424100	6488530	2.5	74	5.36	42	54	47	3.68
279501	424100	6488550	3.5	36	2.72	48	15	30	4.04
279503	424100	6488570	0.25	22	1.98	44	29	14	5.76
279504	424100	6488590	0.25	22	1.82	48	17	11	4
279505	424100	6488610	2	36	2.96	58	26	28	3.26
279506	424100	6488630	3	54	4.41	52	113	69	4.06
279507	424100	6488650	7.5	42	3.86	270	12	31	1.92
279508	424100	6488670	1.5	62	4.38	68	16	29	2.44
279509	424100	6488690	0.5	26	4.96	44	20	22	3.16
279510	424100	6488710	1	26	3.97	54	11	35	3.28
279511	424100	6488730	1.5	28	3.22	48	12	21	2.24
279512	424100	6488750	3.5	50	4.21	260	9	35	1.92
279513	424100	6488770	0.25	18	3.58	36	12	24	2.2
279514	424120	6488770	0.25	20	2.2	40	11	12	1.52
279515	424120	6488750	1.5	42	3.07	62	9	35	1.52
279516	424120	6488730	0.25	32	3.84	72	17	68	2.1
279517	424120	6488710	1	40	3.76	46	22	30	3.24
279518	424120	6488690	2	42	3.69	64	24	32	3.22
279519	424120	6488670	4	46	3.97	76	13	40	2.18
279520	424120	6488650	1	28	3.28	58	15	28	2.84
279521	424120	6488630	0.5	28	2.36	50	16	21	4.12
279522	424120	6488610	1	28	2.39	52	17	21	4.1
279523	424120	6488590	0.25	18	2.54	30	28	22	2.38
279524	424120	6488570	1	36	4.09	56	33	29	3.32
279525	424120	6488550	1	74	5.97	56	22	44	3.02
279526	424120	6488530	3.5	92	5.8	44	31	44	2.66
279528	424120	6488510	29	60	3.57	64	17	22	1.2
279529	424120	6488490	12.5	112	5.57	58	37	43	1.78
279530	424120	6488470	7.5	182	9.13	122	66	38	2.62
279531	424120	6488450	16.5	86	3.84	86	34	25	1.32

279532	424120	6488430	35.5	102	6.19	128	68	40	1.94
279533	424120	6488410	23	88	4.93	58	29	30	1.8
279534	424120	6488390	18	66	4.17	134	19	28	2.48
279535	424120	6488370	23	72	4.4	84	21	62	1.96
279536	424120	6488350	11	48	3.37	118	16	17	1.78
279537	424140	6488350	25	50	3.44	244	18	23	2.06
279538	424140	6488370	25.5	52	3.44	236	18	26	1.98
279539	424140	6488390	18.5	64	4.21	110	21	34	2.04
279540	424140	6488410	12	46	2.86	78	16	16	0.94
279541	424140	6488430	18.5	48	2.94	100	27	13	1.04
279542	424140	6488450	28	68	4.4	82	58	31	2.02
279543	424140	6488470	13	78	3.27	52	25	16	1.14
279544	424140	6488490	12	96	4.99	44	46	17	0.9
279545	424140	6488510	53.5	68	4.41	52	21	30	1.7
279546	424140	6488530	5	42	3.49	36	32	26	1.94
279547	424140	6488550	29	20	1.36	50	34	14	1.56
279548	424140	6488570	4	46	3.72	46	30	23	3.32
279549	424140	6488590	0.25	36	2.57	38	17	15	3.28
279550	424140	6488610	3.5	24	2.98	42	24	18	3.5
279551	424140	6488630	2	20	2.36	54	36	20	3.64
279553	424140	6488650	3	16	1.59	32	15	16	4.22
279554	424140	6488670	4	38	4.17	46	13	27	2.82
279555	424140	6488690	2	22	5.01	44	16	31	2.44
279556	424140	6488710	1	22	4.99	36	16	35	2.44
279557	424160	6488730	6	24	6.28	42	31	23	4.5
279558	424160	6488710	7	24	6.15	48	29	27	4.36
279559	424160	6488690	0.25	18	1.48	44	14	18	2.04
279560	424160	6488670	0.25	18	1.49	40	13	20	1.88
279561	424160	6488650	0.25	18	1.46	40	14	17	2.08
279562	424160	6488630	1.5	38	3.08	64	20	57	2.42
279563	424160	6488610	0.25	16	1.47	32	13	45	2.94
279564	424160	6488590	3	40	3.2	66	12	29	1.5
279565	424160	6488570	1.5	62	3.56	52	29	23	1.2
279566	424160	6488550	29.5	56	2.8	194	15	34	1.22
279567	424160	6488530	12	130	5.62	88	26	41	1.18
279568	424160	6488510	43	146	8.4	114	216	39	2.56
279569	424160	6488490	89	146	7.93	90	60	41	1.48
279570	424160	6488470	36	90	5.53	78	46	39	1.56
279571	424160	6488450	37.5	54	3.67	72	27	29	1.32
279572	424160	6488430	102	62	5.36	268	60	32	2.74
279573	424160	6488410	51.5	80	4.47	682	39	48	1.78
279574	424160	6488390	18	78	4.29	438	26	40	1.72
279575	424160	6488370	16.5	44	3.25	124	16	23	1.04
279576	424160	6488350	16	44	3.21	130	16	26	0.96
279578	424180	6488350	7	70	4.19	134	15	33	1.72
279579	424180	6488370	8.5	46	3.6	148	14	27	1.26

279580	424180	6488390	17	52	4.17	180	24	27	1.22
279581	424180	6488410	25.5	74	4.91	1530	34	54	2.02
279582	424180	6488430	13	36	2.08	48	15	15	1.08
279583	424180	6488450	12	26	2.06	50	14	14	0.92
279584	424180	6488470	62.5	48	3.33	92	27	31	1.32
279585	424180	6488490	38	72	4.88	244	28	51	1.78
279586	424180	6488510	18.5	80	4.14	44	113	48	2.94
279587	424180	6488530	19.5	46	2.94	46	194	41	3.2
279588	424180	6488550	16	122	5.99	50	35	29	0.8
279589	424180	6488570	8	46	3.16	32	24	22	1
279590	424180	6488590	7.5	38	2.81	52	16	32	1.88
279591	424180	6488610	1.5	18	1.4	30	9	17	3.72
279592	424180	6488630	1	18	2.2	30	20	24	4.68
279593	424180	6488650	7	36	2.25	356	13	31	2.32
279594	424180	6488670	2	18	1.35	28	16	29	2.02
279595	424180	6488690	2	20	6.29	32	27	67	3.48
279596	424180	6488710	9	48	4.52	68	16	39	2.7
279597	424200	6488710	4.5	38	3.48	62	16	23	2.94
279598	424200	6488690	2	16	2.26	40	13	13	2.82
279599	424200	6488670	3	32	1.97	48	16	54	3.5
279600	424200	6488650	2	24	2.74	42	12	28	2.92
279601	424200	6488630	10	36	7.88	46	25	16	2.46
279603	424200	6488610	2	42	2.15	32	14	29	2.44
279604	424200	6488590	4.5	64	3.37	50	26	34	3.68
279605	424200	6488570	3.5	66	3.56	50	29	43	2.96
279606	424200	6488550	3.5	130	5.43	100	28	39	2.36
279607	424200	6488530	26	72	5.61	100	35	58	2.28
279608	424200	6488510	18	66	3.6	58	52	34	2.44
279609	424200	6488490	11.5	100	5.45	78	30	36	1.58
279610	424200	6488470	22.5	64	4.56	64	25	36	1.5
279611	424200	6488450	17.5	66	3.94	66	21	32	1.3
279612	424200	6488430	29	68	4.43	182	50	52	1.78
279613	424200	6488410	19.5	46	3.42	116	113	28	1.54
279614	424200	6488390	13	50	4.05	146	21	26	1.26
279615	424200	6488370	6	44	3.38	130	11	23	1.36
279616	424200	6488350	5	64	5.17	136	16	30	2.24
279617	424100	6487685	2.5	54	3.8	160	9	37	1.24
279618	424120	6487680	3.5	74	4.47	182	11	61	1.8
279619	424140	6487673	19	48	1.99	384	4	39	1.9
279620	424160	6487667	20	50	2.46	252	4	27	1.08
279621	424180	6487660	7	72	4.69	160	6	58	1.58
279622	424200	6487655	6.5	88	5.6	502	13	36	1.16
279623	424220	6487649	4.5	68	4.64	134	15	32	1.52
279624	424240	6487640	6.5	56	4.13	262	14	32	1.62
279625	424260	6487635	5	62	4.28	198	13	30	1.3
279626	424280	6487630	6	54	3.64	368	11	33	1.34

279628	424300	6487622	3.5	48	3.44	236	10	27	1.52
279629	424320	6487615	4.5	50	4.13	238	11	27	1.74
279630	424340	6487607	1.5	38	2.84	170	7	25	1.18
279631	424360	6487604	3	42	3.4	100	10	23	1.36
279632	424380	6487597	4.5	90	4.58	130	17	33	2.78
279633	424400	6487591	3	56	3.83	110	12	23	1.42
279634	424420	6487587	1.5	78	4.26	130	13	33	2.98
279635	424440	6487585	2.5	88	5.92	74	16	49	2.44
279636	424460	6487587	4.5	58	7.62	224	14	41	1.66
279637	424480	6487587	10	40	2.96	90	10	56	2.36
279638	424500	6487588	4	44	3.19	54	9	32	1.36

JORC Code – Table 1

Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>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.</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.</i> <i>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.</i>	- The Cobar Gold Project auger soil sampling was completed using the Company's hydraulic soil auger rig. All samples were taken from verticle holes and sampled the rocj/soil interface. - The soil locations were located by handheld GPS. - Samples were collected, dried and pulverized to produce a representative charge with samples assayed for gold and selected base metals.
Drilling techniques	<i>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).</i>	No drilling was completed.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <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 drilling was completed.

Criteria	JORC Code explanation	Commentary
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.	- All sample locations had a representative sample of material collected retained in a chip tray for each hole and are held at the Companies storage facility. - Logging of core was completed with lithology, alteration, degree of oxidation, fabric and colour being recorded. - All holes were logged in full.
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.	- The preparation of samples follows industry practice. This involves oven drying, pulverization of total sample using LM5 mills until 85% passes 75 micron. - Field QA_QC involved repeat sampling and the laboratories standard QA_QC procedures. The sample sizes are considered appropriate to the grain size of the material being sampled. Repeatability of assays was good.
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.	- All assays were conducted at accredited assay laboratory. The analytical technique used for Gold via the Aqua Regia method. - Laboratory QA/QC samples involving the use of blanks, duplicates, standards (certified reference materials), replicates as part of in-house procedures.
Verification of sampling and assaying	- The verification of significant intersections by either independent or alternative company personnel. - The use of twinned holes.	- Results have been verified by Company management. - This assay data received from the laboratory and subsequent survey data were entered into a secure Access databases and verified.

Criteria	JORC Code explanation	Commentary
	- Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. - Discuss any adjustment to assay data.	
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.	- The sample positions were picked-up using GPS. - Grid system is GDA94 Zone 55. - Surface RL data collected using GPS. Topography around the drilled area is a slight slope grading from Grid West to drainage southeast. Variation in topography is less than 5m across the drilled area.
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.	- Soil sampling at the Cobar Gold Project were targeting gold prospectivity at the Republic Prospect (refer Figure 2). - No drilling completed.
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.	No orientation based sampling bias has been identified in the data to date.
Sample security	The measures taken to ensure sample security.	Chain of Custody is managed by the Company. The samples were freighted directly to the laboratory with appropriate documentation listing sample numbers intervals to cut and analytical methods requested.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No additional QA/QC has been conducted for the sampling to date.

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.	The Cobar Gold Project is located on EL6140, a JV between Helix 70% and manager and 30% Glencore (diluting). The tenement is in good standing, with a renewal submitted in October 2016. There are no known impediments to operating in this area.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Previous modern exploration on the Cobar Gold Project was limited set-depth 20m open hammer holes drilled by CRA in the 1970's with follow-up work by Glencore in the mid 2000's. Historic shafts and pits are present throughout the area, which date back to small scale mining activities in the early 1900's.
Geology	Deposit type, geological setting and style of mineralisation.	The prospect is considered to be sediment hosted mesothermal to epithermal style gold.
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: - 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.	- Refer to table 1 in the body of the text - No material information was excluded from the results listed
Data aggregation methods	- 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. - 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.	- Intervals reported are based on a 0.1g/t Au Cut-off grade with a maximum of 6m of internal dilution - No weighting has been used - No metal equivalent results were reported.

Criteria	JORC Code explanation	Commentary
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 (eg 'down hole length, true width not known').	- The program was designed to a new area for possible gold mineralisation. - Results are reported as received
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 Figure 2-3 in the main body.
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.	Refer to Table 1
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.	Previously reported activities Refer to ASX announcements on www.helix.net.au for details
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.	Based on these highly encouraging results so far, additional soil sampling and drilling is considered imperative to further assess the potential at various Prospects on the Cobar Gold Project.