ASX ANNOUNCMENT

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EXPLORATION UPDATE – Barlee Project, SE of Youanmi

Cullen Resources Limited ("Cullen" or the "Company") is pleased to announce the results of its inaugural air core drilling at its 100% - owned Barlee project, where it is targeting high-grade, Penny-type gold lodes.

- Reconnaissance air core drilling of magnetic anomalies intersected potentially large bodies of greenstone (including mafics-ultramafics) within a substantial, previously-untested granite terrane;
- Elevated levels of Au, Ag, Ni, Cu, Pb and/or As in greenstones and/or their contacts include: **Au to 6ppb** (background <1); **Ag to 0.45ppm** (background ~0.02) **Pb to 133ppm** (background <10) and **Ni to 987ppm** (background ~30) in 4m composites;
- The different magnetic bodies show a range in lithologies including: granite, pegmatite, minor banded iron formation, and mafic to ultramafic greenstone stratigraphy;
- Results are considered to be highly encouraging given the wide spacing of drill holes (mainly 100m along existing fence lines); and,
- Further drilling is planned following heritage clearances and access development – especially to the south of drilling to date on E2606; and an airborne VTEM survey is under consideration over selected areas.

BARLEE PROJECT, WA - Cullen 100% (Fig.1).

Barlee is a "greenfield" project area of approximately 450 sq. km which extends from 10 - 55 km SSE of the Penny Gold (previously "Penny West") deposit and the Youanmi greenstone belt, towards the NW tip of the Marda - Diemals greenstone belt. It covers significant strike of underexplored shear zones and numerous elongate and/or folded aeromagnetic anomalies (highs), which are interpreted to be intercalated greenstone within the granite terrane. An initial program of reconnaissance air core drilling **(54 holes for 2102m)** has been completed with traverses of some aeromagnetic anomalies accessible via existing fence line tracks (Fig.1).

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The objective of this program was to establish the presence of suspected, prospective greenstone stratigraphy, the range of lithologies, and preliminary bedrock geochemistry. Sheared greenstone-granite contacts will be the focus of follow-up exploration, targeting high - grade, gold lodes. Soil sampling has also been completed in the northern tenure (E57/1135), focused on magnetic anomalies and interpreted faults, with assays pending.

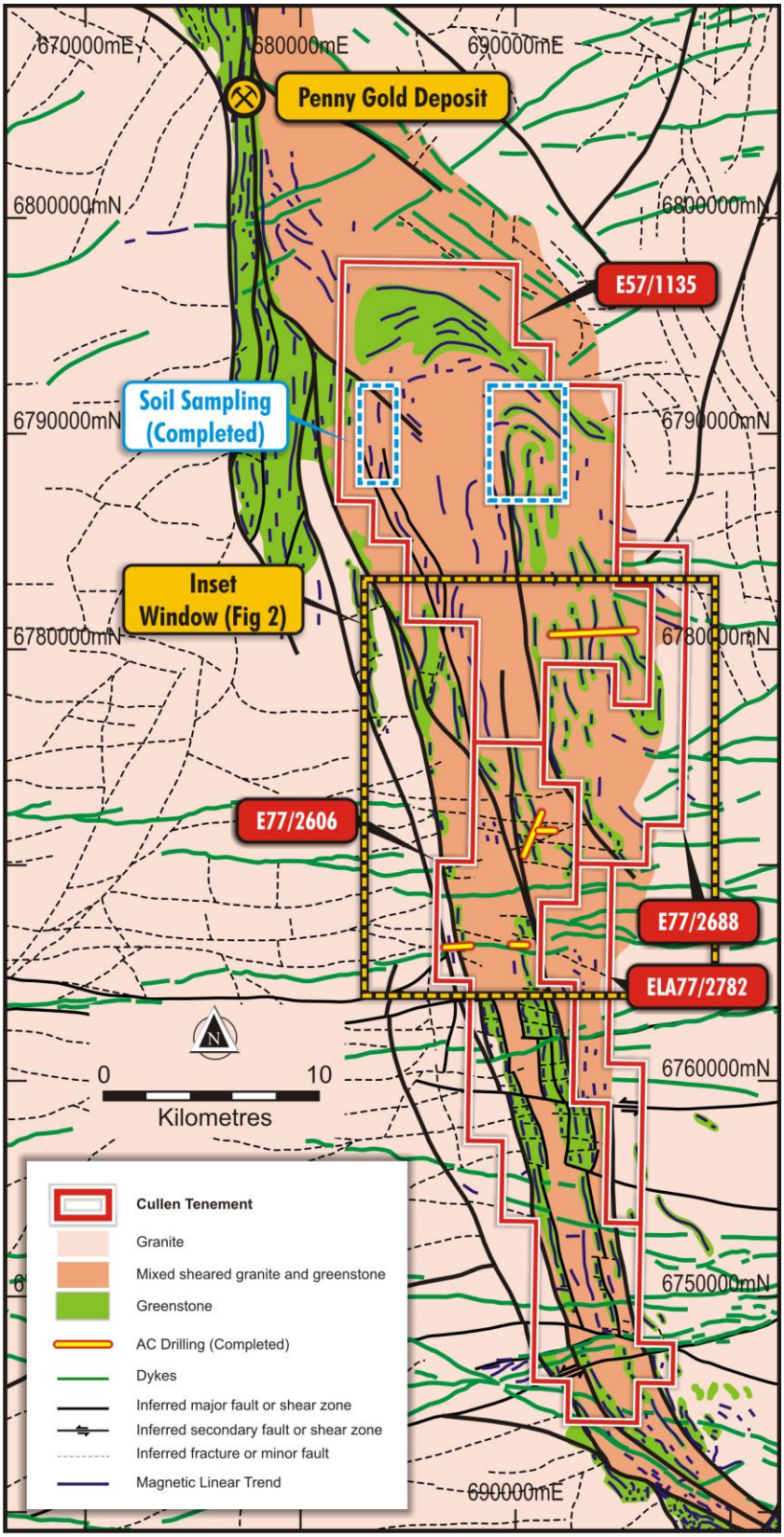


Fig. 1 Barlee Project: Air core drill traverses and soil sampling completed.

Table 1: Reconnaissance Air Core Holes completed – Barlee Project (Figs.1 and 2).

Hole Id	E	N	Dec°	Az°	Depth m
LBAC001	695305	6780976	-60	87	3
LBAC002	695200	6780970	-60	87	15
LBAC003	695100	6780966	-60	87	39
LBAC003A	695149	6780969	-60	87	29
LBAC004	695000	6780961	-60	87	18
LBAC005	694900	6780950	-60	87	12
LBAC006	694800	6780950	-60	87	4
LBAC007	694700	6780950	-60	87	3
LBAC008	694600	6780940	-60	87	3
LBAC009	693800	6780895	-60	87	43
LBAC010	693700	6780885	-60	87	28
LBAC011	693600	6780880	-60	87	49
LBAC012	693500	6780875	-60	87	60
LBAC013	693200	6780860	-60	87	65
LBAC014	693100	6780855	-60	87	84
LBAC015	693000	6780850	-60	87	66
LBAC016	692900	6780845	-60	87	67
LBAC017	692800	6780840	-60	87	65
LBAC018	692300	6780815	-60	87	35
LBAC019	692200	6780810	-60	87	30
LBAC020	692100	6780810	-60	87	42
LBAC021	691800	6780790	-60	87	72
LBAC022	690485	6770800	-60	87	47
LBAC023	690480	6770900	-60	25	29
LBAC024	690520	6771000	-60	25	16
LBAC025	690560	6771100	-60	25	12
LBAC026	690600	6771200	-60	25	12
LBAC027	690640	6771300	-60	25	15
LBAC028	690685	6771400	-60	25	18
LBAC029	690725	6771500	-60	25	28
LBAC030	690770	6771600	-60	25	63
LBAC031	690800	6771700	-60	25	69
LBAC032	691200	6771750	-60	90	29
LBAC033	691300	6771750	-60	90	49
LBAC034	691400	6771750	-60	90	17
LBAC035	691500	6771750	-60	90	39
LBAC036	691600	6771750	-60	90	30
LBAC037	690940	6772000	-60	25	87
LBAC038	690980	6772100	-60	25	36
LBAC039	691020	6772200	-60	25	24
LBAC040	691060	6772300	-60	25	55
LBAC041	691100	6772400	-60	25	60
LBAC042	686900	6766390	-60	89	23
LBAC043	687400	6766400	-60	89	10
LBAC044	687500	6766400	-60	89	24
LBAC045	687600	6766400	-60	89	21
LBAC046	687700	6766480	-60	89	5
LBAC047	690000	6766480	-60	89	60
LBAC048	690100	6766480	-60	89	77
LBAC049	690200	6766480	-60	89	69
LBAC050	690300	6766480	-60	89	54
LBAC051	695060	6780962	-60	87	48
LBAC052	693042	6780854	-60	87	75
LBAC053	692950	6780848	-60	87	69
				54 Holes	**2102**

Table 2. Assay ranges for selected pathfinder elements in air core drilling.

Elements	Ag	As	Au	Co	Cu	Ni	Pb	W	Zn
Range	<0.01 - 0.45	<0.5 -7.8	<1 - 6	0.3 - 138	0.8 - 237	1 - 987	1 - 133	<0.05 - 9.5	<2 - 315
	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LDL	0.01	0.5	1	0.1	0.5	0.2	0.2	0.05	2

LDL – lower detection limit

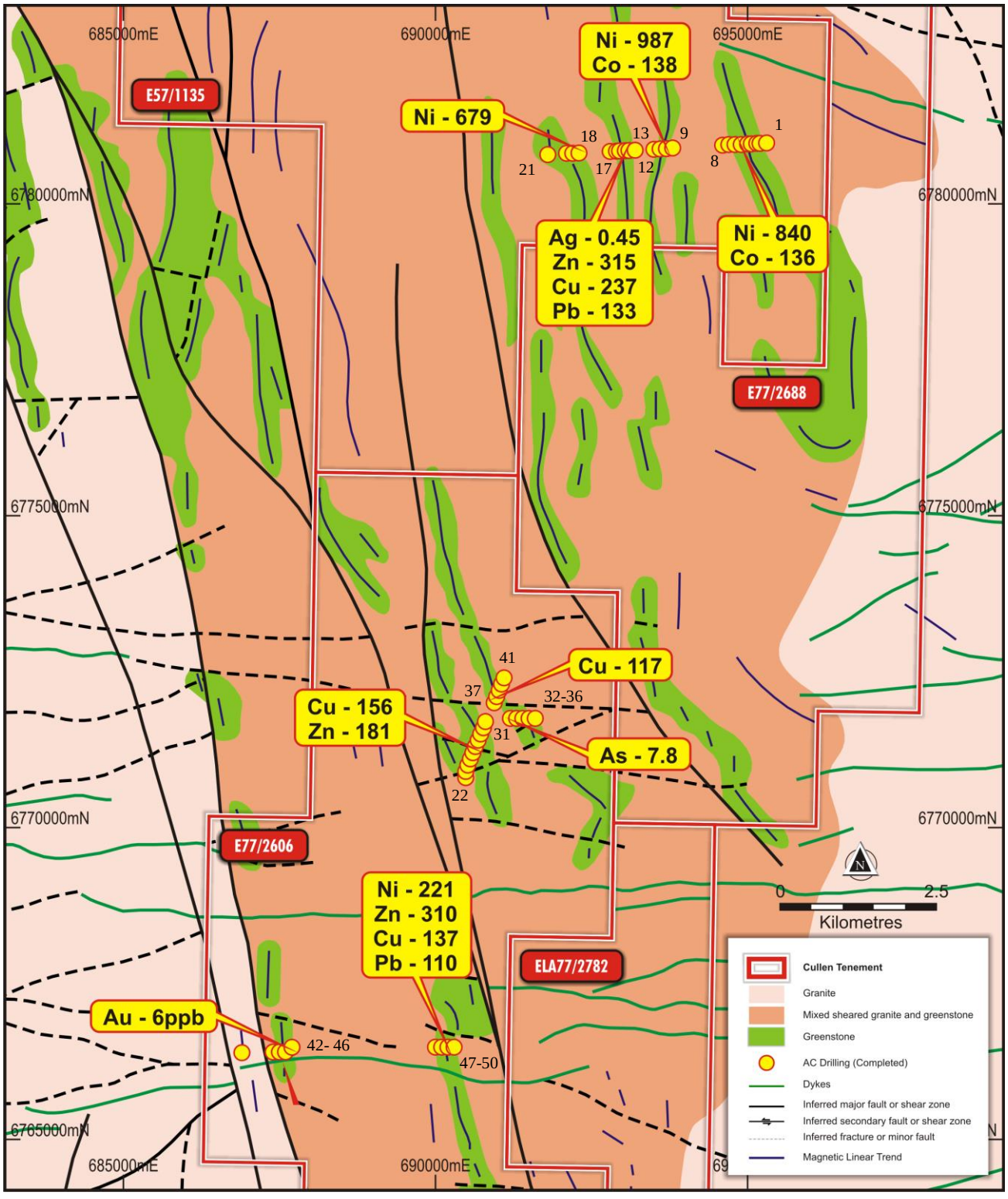


Fig 2. Notable assays shown for each section of drilling – assays shown are not necessarily for the same drill hole. Range of hole numbers shown for each section (see Table 3)

Table 3. Traverses of drilling – assays with location shown on Fig.2.

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC001	695305	6780976	0	3	0.04	0.9	2	0.1	7.5	12.9	0.53	18.8	7.1	<0.5	0.03	0.35	26
LBAC002	695200	6780970	0	4	0.01	0.8	<1	0.07	2.6	10.4	0.3	10.2	5.6	<0.5	0.01	0.25	10
			4	4	0.02	0.7	<1	0.03	1.5	13.3	0.21	5.1	8.5	<0.5	<0.01	0.33	8
			8	8	<0.01	<0.5	1	0.04	7.1	22.8	0.53	38.5	15.1	<0.5	0.01	0.11	41
			12	15	0.01	<0.5	1	0.05	4.6	12	0.68	17.1	12.4	<0.5	0.01	0.3	35
LBAC003A	695150	6780970	0	4	0.01	1.5	1	0.06	5.3	19.1	0.35	20.3	4.8	<0.5	0.04	0.26	11
			4	8	<0.01	1	<1	0.07	6	47.7	0.38	57.4	14	<0.5	<0.01	0.41	22
			8	12	0.01	<0.5	<1	0.09	8.6	64	0.43	78.7	17.7	<0.5	<0.01	0.19	34
			12	16	0.01	<0.5	<1	0.42	23.7	107.7	0.4	276.7	45.1	<0.5	0.04	<0.05	114
			16	29	<0.01	<0.5	<1	0.61	8.6	75.4	0.8	56.5	29.9	<0.5	0.01	0.07	53
			20	33	0.02	<0.5	<1	0.12	7.8	76.8	1.83	38.1	40.9	<0.5	<0.01	<0.05	72
			24	37	0.03	0.6	<1	0.13	14.3	72.3	1.79	51.6	54.8	<0.5	0.01	<0.05	71
			28	29	0.03	<0.5	<1	0.03	8.1	37.6	0.55	19.1	15.3	<0.5	0.01	0.49	48
LBAC003	695100	6780966	0	4	0.02	1.7	2	0.09	8.8	55	0.68	48	10.5	<0.5	0.04	0.15	26
			4	8	0.02	1.4	<1	0.27	16.4	132	0.84	88	17.5	<0.5	0.06	0.31	40
			8	12	0.01	<0.5	<1	0.1	15.6	84.6	1.08	89.1	15.9	<0.5	0.03	0.06	37
			12	16	0.01	<0.5	<1	0.13	29.1	74.5	0.76	136.5	15.4	<0.5	0.02	0.06	57
			16	20	0.03	<0.5	<1	0.03	39.5	54.6	0.64	128.3	15	<0.5	0.02	0.11	55
			20	24	0.03	0.6	<1	0.07	53.7	100.8	0.24	239.4	19.4	<0.5	0.03	<0.05	69
			24	28	0.05	<0.5	<1	0.08	111.3	112.6	0.52	360.3	12.9	<0.5	0.02	<0.05	104
			28	32	0.05	<0.5	<1	0.03	135.6	26.1	0.6	196.9	3.6	<0.5	0.01	0.1	75
			32	36	0.04	<0.5	<1	0.04	63.1	12.7	0.54	201.8	12.2	<0.5	<0.01	0.09	88
			36	39	0.05	<0.5	<1	0.05	27	18.1	0.61	105.3	8.6	<0.5	0.01	0.45	57
LBAC004	695000	6780961	0	4	0.02	1.5	<1	0.11	5	11.3	0.71	17	6.3	<0.5	0.02	0.15	15
			4	8	0.01	<0.5	<1	0.01	1.2	4.7	0.17	4.9	9.2	<0.5	<0.01	0.07	4
			8	12	0.01	1.8	<1	0.01	0.7	4.8	0.16	10.8	8.4	<0.5	<0.01	<0.05	4
			12	16	0.01	<0.5	<1	<0.01	0.9	5.5	0.07	19.6	14.2	<0.5	<0.01	<0.05	8
			16	18	0.02	<0.5	<1	0.05	1.1	8.7	0.23	10.9	24.2	<0.5	<0.01	<0.05	9
LBAC005	694900	6780950	0	4	0.03	<0.5	<1	0.06	7.8	10.7	1.77	13.9	4.7	<0.5	0.01	0.81	39
			4	8	0.02	<0.5	<1	0.08	20.7	15.7	0.35	54.3	2.5	<0.5	<0.01	0.16	44
			8	12	0.03	<0.5	<1	0.06	10.6	35.3	0.46	18.6	3.3	<0.5	<0.01	0.24	33
LBAC006	694800	6780950	0	4	0.04	<0.5	<1	0.07	6.2	37.4	0.35	11.7	3.6	<0.5	<0.01	0.38	25
LBAC007	694700	6780950	0	3	0.02	<0.5	<1	0.17	17.3	43.8	0.54	37.5	4.1	<0.5	0.01	1.15	36
LBAC008	694600	6780940	0	3	0.03	1	<1	1.68	9.3	29.2	1.06	18.6	8.8	<0.5	0.01	0.28	24
LBAC051	695060	6780962	0	4	<0.01	1.3	<1	0.08	3.2	10.8	0.6	19.2	6.5	<0.5	0.02	0.14	14
			4	8	<0.01	0.5	<1	<0.01	0.4	1.9	0.13	2.1	5.9	<0.5	<0.01	<0.05	2
			8	12	<0.01	<0.5	<1	<0.01	0.4	1.9	0.08	2	8.1	<0.5	<0.01	<0.05	<2
			12	16	<0.01	<0.5	<1	<0.01	0.5	2.5	0.08	4.1	15.2	<0.5	<0.01	0.07	5
			16	20	<0.01	<0.5	<1	<0.01	0.4	3.8	0.09	8.3	11.7	<0.5	<0.01	<0.05	5
			20	24	0.05	<0.5	<1	0.05	11.1	42.6	0.19	123.7	8.4	<0.5	<0.01	0.09	43
			24	28	0.05	<0.5	<1	0.16	30.1	129.2	0.55	375.9	10.5	<0.5	0.02	0.22	97
			28	32	0.03	0.5	<1	0.09	103	47.4	0.66	686.3	5.8	<0.5	<0.01	0.16	263
			32	36	0.06	0.5	<1	0.09	64.5	16	1.4	382.1	3.4	<0.5	<0.01	0.23	82
			36	40	0.02	0.7	<1	0.22	89.2	27.4	1.23	839.3	1.6	<0.5	0.02	0.08	149
			40	44	0.01	<0.5	<1	0.02	57.1	3.6	0.63	654	1.9	<0.5	<0.01	0.12	70
			44	48	0.03	<0.5	<1	0.03	54.9	10	1.01	540.3	4.3	<0.5	<0.01	0.21	76

LBAC 51 an infill hole on this line

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC009	693800	6780895	0	4	0.03	2.7	2	0.54	8.8	18.9	0.89	23.9	8.8	<0.5	0.03	0.23	14
			4	8	0.02	3.6	<1	0.73	5.5	7.2	1.36	21	10.5	<0.5	0.03	0.11	5
			8	12	0.03	1.5	<1	0.71	5.9	1.4	1.39	39.8	7.1	<0.5	0.02	0.05	<2
			12	16	<0.01	0.9	<1	0.44	4.5	1.9	0.35	37	3.3	<0.5	<0.01	0.08	<2
			16	20	0.01	<0.5	<1	0.23	3	1.6	0.15	36.5	1.7	<0.5	<0.01	0.35	<2
			20	24	0.02	<0.5	<1	0.16	3.2	10.4	0.13	45.1	2	<0.5	<0.01	0.24	10
			24	28	<0.01	<0.5	<1	0.03	10.8	41.9	0.28	131.8	7	<0.5	<0.01	0.14	36
			28	32	0.01	<0.5	<1	0.02	17.1	44.1	0.15	152.5	3.9	<0.5	<0.01	0.23	50
			32	36	0.01	<0.5	<1	0.01	22.5	53.1	0.14	165.8	6	<0.5	<0.01	0.24	50
			36	40	0.03	<0.5	<1	0.06	30.1	59.2	0.17	183.4	4.9	<0.5	<0.01	0.2	54
			40	43	0.15	<0.5	<1	0.38	137.9	34.6	0.2	987.4	7.4	<0.5	0.01	0.34	79
LBAC010	693700	6780885	0	4	0.02	2.3	<1	0.37	7.9	12.5	1.56	41.3	8.7	<0.5	0.03	0.43	22
			4	8	0.02	2.9	<1	0.6	6.1	7	1.36	24.4	11.5	<0.5	0.03	0.23	4
			8	12	<0.01	1.8	<1	0.5	7.2	2.6	1.39	43.2	6.5	<0.5	0.01	0.08	2
			12	16	<0.01	1.1	<1	0.44	5.4	1.8	0.46	35.4	4.3	<0.5	<0.01	0.16	<2
			16	20	0.01	0.5	<1	0.16	3.2	1.5	0.27	34.5	1.7	<0.5	<0.01	0.49	2
			20	24	<0.01	<0.5	<1	0.1	2	1.4	0.13	26.2	4.4	<0.5	<0.01	0.48	2
			24	28	<0.01	<0.5	<1	0.06	1.2	2.2	0.17	40.6	3.8	<0.5	<0.01	0.23	4
LBAC011	693600	6780880	0	4	<0.01	2.5	2	0.31	5.5	11.7	0.79	20.5	7.7	<0.5	0.02	0.34	9
			4	8	0.01	2.7	<1	0.54	6.5	7.1	1.29	23.5	10	<0.5	0.03	0.23	4
			8	12	<0.01	1.1	<1	0.22	3.5	3.4	0.71	13	4.7	<0.5	0.01	0.31	<2
			12	16	<0.01	1.1	<1	0.25	3.8	2.3	0.25	17	3.8	<0.5	<0.01	0.15	<2
			16	20	<0.01	0.6	<1	0.22	2.6	1.6	0.39	13.6	2.7	<0.5	<0.01	0.27	<2
			20	24	<0.01	<0.5	<1	0.07	2.3	1.7	0.35	26	1.4	<0.5	<0.01	1.03	<2
			24	28	<0.01	<0.5	<1	0.06	1.8	2.2	0.16	11.3	2.6	<0.5	<0.01	0.06	<2
			28	32	<0.01	<0.5	<1	0.02	3.3	7.2	0.11	15.1	4.2	<0.5	<0.01	0.1	4
			32	36	0.01	<0.5	<1	0.03	17	58.2	0.15	155.6	7.5	<0.5	<0.01	0.09	74
			36	40	0.01	<0.5	<1	0.04	20.5	58	0.48	144.6	4.1	<0.5	<0.01	0.22	104
			40	44	0.01	<0.5	<1	0.12	36.1	29.7	0.34	343.3	4	<0.5	<0.01	0.19	108
			44	48	0.03	<0.5	<1	0.06	32	11.6	0.54	357.1	5.9	<0.5	<0.01	0.24	67
			48	49	0.03	<0.5	1	0.04	9.7	3	0.42	74.6	4.5	<0.5	<0.01	0.3	29
LBAC012	693500	6780875	0	4	0.01	2.2	1	0.32	5.8	13.3	1.29	32.4	8	<0.5	0.03	0.48	17
			4	8	0.01	4.2	<1	0.69	7.2	8.5	2.1	25.5	13.1	<0.5	0.05	0.29	5
			8	12	<0.01	2.2	<1	0.22	6.3	3	1.97	22.2	8.3	<0.5	0.02	0.2	2
			12	16	<0.01	1	<1	0.12	4.7	1.3	1.33	17.8	4.3	<0.5	<0.01	0.29	<2
			16	20	<0.01	0.8	<1	0.24	4.9	1.8	0.78	17	4.7	<0.5	<0.01	0.25	3
			20	24	<0.01	<0.5	<1	0.1	3.8	2	0.8	14.6	4.1	<0.5	<0.01	0.52	<2
			24	28	<0.01	<0.5	<1	0.03	3.5	2.1	0.54	12.2	1.7	<0.5	<0.01	2.37	3
			28	32	0.01	<0.5	<1	0.02	5.8	3.1	0.22	10.1	2.5	<0.5	<0.01	0.56	4
			32	36	<0.01	<0.5	<1	0.19	1.4	2.6	0.33	6.4	1.2	<0.5	<0.01	0.28	2
			36	40	<0.01	<0.5	<1	0.05	1.5	6.3	0.12	4.9	7.3	<0.5	<0.01	<0.05	3
			40	44	<0.01	<0.5	<1	0.01	2.2	11.6	0.45	7.2	9.6	<0.5	<0.01	0.14	7
			44	48	0.01	<0.5	<1	0.02	6.3	30.7	0.25	15.1	17.8	<0.5	0.01	0.07	16
			48	52	0.02	0.6	<1	0.03	13.8	62.5	1	41.5	12.1	<0.5	<0.01	0.2	78
			52	56	0.01	<0.5	<1	0.05	23.9	86.4	0.58	64.1	10	<0.5	<0.01	0.15	96
			56	60	0.02	<0.5	<1	0.04	21.8	81.4	0.93	57	9.9	<0.5	<0.01	0.05	77

LBAC 52 and 53 are infill holes on line 13-17

LBAC052	693042	6780854	0	4	<0.01	2.3	<1	0.28	3.9	10.5	0.68	22	7.2	<0.5	0.02	0.06	10
			4	8	<0.01	3	<1	0.3	3.2	12.2	0.65	21.8	6.9	<0.5	0.02	0.11	9
			8	12	<0.01	2.8	<1	0.34	12.7	13.2	1.04	32.5	20.2	<0.5	0.03	0.2	3
			12	16	<0.01	1	<1	0.22	4.2	7.6	0.63	20.1	5.3	<0.5	0.01	0.25	3
			16	20	<0.01	0.9	<1	0.31	3.7	4.7	0.98	18.5	3.7	<0.5	<0.01	0.39	4
			20	24	<0.01	0.8	<1	0.12	3.8	2.8	0.83	15.6	2.6	<0.5	<0.01	0.23	3
			24	28	<0.01	<0.5	<1	0.09	3.7	2.4	0.49	14.4	2.1	<0.5	<0.01	0.14	2
			28	32	<0.01	0.7	<1	0.16	4.3	3.2	1.18	17.1	4.7	<0.5	0.02	0.05	4
			32	36	<0.01	<0.5	<1	0.1	4.6	4.9	0.53	19.5	3.8	<0.5	<0.01	0.05	3
			36	40	0.01	<0.5	<1	0.14	3.8	6	0.08	32.2	4.5	<0.5	<0.01	<0.05	9
			40	44	<0.01	<0.5	<1	0.25	1.9	3.4	0.08	17.1	5.9	<0.5	<0.01	<0.05	8
			44	48	<0.01	<0.5	<1	0.81	2.9	9.1	0.16	23.6	34	<0.5	<0.01	<0.05	13
			48	52	<0.01	<0.5	<1	0.36	1.5	12.4	0.09	20.6	21.3	<0.5	<0.01	<0.05	16
			52	56	<0.01	<0.5	<1	0.33	3	29	0.11	18.6	15.5	<0.5	<0.01	<0.05	21
			56	60	<0.01	<0.5	<1	0.27	8.6	42.4	0.48	27.5	9.1	<0.5	<0.01	<0.05	55
			60	64	0.03	<0.5	<1	0.15	4.1	16.3	0.55	13.2	6.3	<0.5	<0.01	<0.05	25
			64	68	0.02	<0.5	<1	0.06	3.5	14.4	0.61	10.6	4.1	<0.5	<0.01	<0.05	19
			68	72	0.05	<0.5	<1	0.12	4.6	14.2	0.77	11.2	6.1	<0.5	<0.01	<0.05	18
			72	75	0.03	<0.5	<1	0.29	3.2	14	0.44	9	3.1	<0.5	<0.01	<0.05	24
LBAC053	692950	6780848	0	4	<0.01	2.7	1	0.38	4.9	14.3	1.69	22.9	9.7	<0.5	0.03	0.17	29
			4	8	<0.01	2.9	<1	0.44	3.1	13.5	1.53	18.8	7.2	<0.5	0.03	0.21	17
			8	12	<0.01	2.2	<1	0.3	5.4	14	1.02	23.2	14.8	<0.5	0.03	0.2	7
			12	16	0.02	0.7	<1	0.16	6.2	7.9	0.69	21.1	7	<0.5	0.01	0.38	6
			16	20	<0.01	1.6	<1	0.38	4.1	5.3	1.93	16.8	5.4	<0.5	0.02	0.86	<2
			20	24	<0.01	0.7	<1	0.14	4	2.1	0.95	15.7	2.1	<0.5	<0.01	0.13	<2
			24	28	0.09	0.5	<1	0.11	3.5	2.8	0.57	13.4	2.4	<0.5	<0.01	0.33	3
			28	32	0.01	<0.5	<1	0.07	2.9	3.6	0.44	13.8	2.2	<0.5	<0.01	0.2	2
			32	36	<0.01	0.6	<1	0.14	3.5	5.7	1.94	17.1	7.1	<0.5	0.02	0.18	<2
			36	40	<0.01	<0.5	<1	0.05	2.4	4.1	0.35	9.1	2.3	<0.5	<0.01	0.42	3
			40	44	<0.01	<0.5	<1	0.04	1.5	5	0.85	5.6	1.8	<0.5	<0.01	0.75	3
			44	48	<0.01	<0.5	<1	0.08	1.7	7.7	0.77	9.4	3.9	<0.5	<0.01	0.93	5
			48	52	<0.01	<0.5	<1	0.04	1.7	10.9	0.56	12.2	13.2	<0.5	<0.01	<0.05	5
			52	56	<0.01	<0.5	<1	0.04	5.4	20.1	0.82	20.6	12.7	<0.5	<0.01	<0.05	15
			56	60	<0.01	<0.5	<1	0.05	22.4	48.5	0.63	70.5	12.6	<0.5	<0.01	<0.05	79
			60	64	<0.01	<0.5	<1	0.05	62.8	93.9	0.78	141.7	6.1	<0.5	<0.01	<0.05	162
			64	68	<0.01	<0.5	<1	0.06	109	174.7	0.66	255.6	9.7	<0.5	<0.01	<0.05	211
			68	69	0.01	<0.5	2	0.04	25.7	50.7	1.04	61.2	3.9	<0.5	<0.01	0.13	69

LBAC013	693200	6780860	0	4	0.02	3	1	0.51	5.9	14.7	1.29	19.2	11.7	<0.5	0.04	0.23	12
			4	4	0.01	2.3	<1	0.35	5.4	13.5	0.94	21.6	8.7	<0.5	0.03	0.23	10
			8	8	0.01	3.5	1	0.48	9.7	11.7	1.83	26.5	12.5	<0.5	0.04	0.37	3
			12	12	0.02	2.2	<1	0.22	5.1	8.9	1.75	16.4	14.7	<0.5	0.03	0.18	2
			16	16	0.01	0.7	<1	0.13	4.1	2	1.37	15.7	6.9	<0.5	0.02	0.49	<2
			20	20	<0.01	1	<1	0.12	3.3	2.1	2.11	11.2	7	<0.5	0.02	1.15	4
			24	24	<0.01	1.5	<1	0.1	7.2	3.3	0.83	15.4	3.5	<0.5	0.02	0.11	3
			28	28	<0.01	1.3	<1	0.15	3.4	3.9	1.3	12.4	5.7	<0.5	0.04	0.06	<2
			32	32	<0.01	0.9	<1	0.1	2.8	11.7	0.51	12	5.2	<0.5	0.02	0.06	5
			36	36	0.01	<0.5	<1	0.1	5.2	12.5	0.4	23	4.7	<0.5	0.01	<0.05	15
			40	40	0.02	<0.5	<1	0.14	5.6	13.1	0.39	23.1	9.7	<0.5	<0.01	<0.05	19
			44	44	<0.01	<0.5	<1	0.09	7.9	16.3	0.77	31.4	6.7	<0.5	0.01	<0.05	27
			48	48	0.01	<0.5	<1	0.04	4	19.6	0.51	14.4	7.8	<0.5	0.01	<0.05	12
			52	52	0.03	<0.5	<1	0.1	3.2	21.9	0.66	16.9	132.8	<0.5	0.01	0.18	12
			56	56	0.07	<0.5	<1	0.24	8.6	39	0.57	29.9	24.6	<0.5	<0.01	0.21	78
			60	60	0.01	0.9	<1	0.05	15.5	60.7	1.46	71.8	12.2	<0.5	<0.01	0.11	110
			64	65	0.01	<0.5	<1	0.04	9.7	25.5	0.6	41.1	5	<0.5	<0.01	0.14	77
LBAC014	693100	6780855	0	4	0.01	2.7	<1	0.35	4.4	10.7	1.05	13.9	9	<0.5	0.03	0.1	8
			4	8	0.02	3.2	<1	0.29	5.9	15.9	0.7	19.1	9.2	<0.5	0.03	0.18	11
			8	12	<0.01	2.4	<1	0.29	20.3	11.9	0.99	28.1	15.8	<0.5	0.03	0.28	3
			12	16	<0.01	0.8	<1	0.23	4.5	7.7	0.68	13.9	4.4	<0.5	0.01	1.04	<2
			16	20	0.02	1	<1	0.34	3.1	5.2	1.04	9.8	4.7	<0.5	0.01	0.59	<2
			20	24	0.02	0.7	<1	0.16	2.9	3.6	1.24	8.7	2.7	<0.5	<0.01	0.37	<2
			24	28	<0.01	1	<1	0.12	2.8	3	0.96	6.8	2.8	<0.5	<0.01	0.19	<2
			28	32	<0.01	0.6	<1	0.07	3.5	1.4	0.74	6.1	2.8	<0.5	<0.01	0.4	<2
			32	36	<0.01	0.5	<1	0.13	2.6	2.2	1.56	7.5	5.2	<0.5	0.03	0.17	<2
			36	40	0.03	<0.5	<1	0.08	4.2	6.8	0.56	15.2	2.7	<0.5	<0.01	0.72	8
			40	44	<0.01	<0.5	<1	0.08	0.9	3.6	0.12	2.2	2.1	<0.5	<0.01	0.21	3
			44	48	<0.01	<0.5	<1	0.86	1.7	4.8	0.24	2.6	2.9	<0.5	<0.01	1.2	3
			48	52	0.02	<0.5	<1	0.1	1	4.8	0.09	2.2	6	<0.5	<0.01	0.07	4
			52	56	0.03	<0.5	<1	0.08	2.6	7.7	0.19	5.6	17.9	<0.5	<0.01	0.13	8
			56	60	0.02	<0.5	<1	0.06	1.5	6.5	<0.05	4.1	11.5	<0.5	0.01	<0.05	9
			60	64	0.08	<0.5	<1	0.26	2.3	14	0.14	10.6	13.8	<0.5	<0.01	<0.05	24
			64	68	0.45	<0.5	<1	0.1	7	12.9	0.08	18.4	16.3	<0.5	<0.01	<0.05	80
			68	72	0.16	0.5	<1	0.08	7.9	11.4	1.05	18.7	4.1	<0.5	<0.01	1.29	76
			72	76	0.09	<0.5	<1	0.11	7.4	13.7	0.21	29.8	3.5	<0.5	<0.01	<0.05	100
			76	80	0.08	<0.5	<1	0.55	7.2	14.7	0.42	17.9	2.9	<0.5	<0.01	0.1	77
			80	84	0.05	<0.5	<1	0.11	7.2	9.1	0.21	13	2.3	<0.5	<0.01	<0.05	55
LBAC015	693000	6780850	0	4	0.01	3	<1	0.5	5.4	15.5	1.25	19.5	10.3	<0.5	0.04	0.7	12
			4	8	<0.01	3.3	<1	0.33	3.5	14	0.71	18.1	7.1	<0.5	0.03	0.11	12
			8	12	0.02	2.6	<1	0.32	10	14.3	1.05	29.2	17.5	<0.5	0.03	0.47	6
			12	16	0.02	2.3	<1	0.49	6.3	9.4	1.65	17.7	11.4	<0.5	0.03	0.57	3
			16	20	0.01	1.1	<1	0.29	4.7	4.8	1.67	12.1	3.7	<0.5	0.02	0.99	<2
			20	24	<0.01	0.7	<1	0.12	3.8	3.4	0.88	8.9	2	<0.5	<0.01	0.09	<2
			24	28	0.05	0.9	<1	0.14	3.7	4.3	1.09	11.1	3.6	<0.5	<0.01	0.54	<2
			28	32	0.02	<0.5	<1	0.06	3.1	2.7	0.23	11.7	1.7	<0.5	<0.01	0.11	<2
			32	36	<0.01	0.6	<1	0.17	5.7	13	1.27	25.9	5.2	<0.5	0.01	0.2	7
			36	40	<0.01	0.6	<1	0.05	1.6	3.8	0.35	8.3	1.5	<0.5	<0.01	0.25	5
			40	44	<0.01	<0.5	<1	0.3	1.3	5	0.31	6.6	2.1	<0.5	<0.01	0.13	4
			44	48	<0.01	<0.5	<1	0.09	1.7	8.8	0.21	7.7	3.3	<0.5	<0.01	0.06	4
			48	52	<0.01	<0.5	<1	0.19	2	20.2	0.18	6.4	6.9	<0.5	0.01	<0.05	6
			52	56	<0.01	0.6	<1	0.08	17.8	141.5	1.33	72.1	10.3	<0.5	0.03	<0.05	63
			56	60	0.01	0.6	<1	0.07	57.9	236.5	2.82	137.9	7.3	<0.5	0.01	0.27	315
			60	64	0.01	<0.5	<1	0.05	27.5	86.7	1.17	89.2	5.7	<0.5	0.04	0.29	156
			64	66	0.01	<0.5	<1	0.04	53	126.7	0.81	192.5	6	<0.5	0.02	0.31	176
LBAC016	692900	6780845	0	4	0.01	2.3	1	0.36	6.3	16.2	0.92	19.3	8.2	<0.5	0.03	0.24	14
			4	8	0.01	3.6	<1	0.48	4.7	17.1	1.1	18.1	11.7	<0.5	0.04	0.49	12
			8	12	<0.01	3	<1	0.37	8.7	17.4	1.12	25.2	18.3	<0.5	0.03	0.23	7
			12	16	0.01	1.4	<1	0.21	5.5	8.3	0.81	15.5	5.2	<0.5	0.02	0.75	3
			16	20	<0.01	2.1	<1	0.39	4	6.3	1.17	9.5	3.5	<0.5	0.02	1.22	<2
			20	24	<0.01	1	<1	0.26	5.7	3.3	2.05	8.4	3.3	<0.5	0.01	1.12	4
			24	28	<0.01	<0.5	<1	0.14	2.7	2.8	0.46	5.3	2.2	<0.5	<0.01	0.35	<2
			28	32	0.01	1.1	<1	0.17	3	3.2	0.61	5.8	4.4	<0.5	<0.01	0.41	<2
			32	36	<0.01	<0.5	<1	0.07	1.4	2.6	0.49	4.1	2.3	<0.5	<0.01	0.28	<2
			36	40	<0.01	<0.5	<1	0.04	1.3	2.6	0.27	2.7	1.1	<0.5	<0.01	0.92	<2
			40	44	<0.01	1.2	<1	0.04	1.6	3.7	0.29	3.7	1.7	<0.5	<0.01	2.07	<2
			44	48	<0.01	<0.5	<1	0.13	2	3.7	0.45	3.6	3.8	<0.5	<0.01	0.91	3
			48	52	0.01	<0.5	<1	0.04	1.5	6.4	0.23	3.5	14.2	<0.5	<0.01	0.11	4
			52	56	0.02	<0.5	<1	0.03	1.9	10.2	0.76	5.2	8.5	<0.5	<0.01	0.15	15
			56	60	0.04	<0.5	1	0.03	1.3	12.1	0.17	4.6	7.9	<0.5	<0.01	<0.05	8
			60	64	0.02	1.1	<1	0.03	12.7	19.9	0.32	30.2	7.5	<0.5	<0.01	0.05	40
			64	67	0.02	<0.5	<1	0.02	22	27.7	0.4	37.1	5.3	<0.5	<0.01	0.07	98
LBAC017	692800	6780840	0	4	0.01	3.1	<1	0.36	8.4	17.4	1.2	19.4	10.9	<0.5	0.04	0.62	15
			4	8	0.01	2.6	1	0.41	3.7	15	0.9	14.5	7.4	<0.5	0.03	0.22	13
			8	12	<0.01	2.1	<1	0.43	4.4	16.3	1.38	16.8	11.4	<0.5	0.02	0.73	9
			12	16	<0.01	3.7	<1	0.31	7	11.9	1.2	17.2	17	<0.5	0.03	0.72	6
			16	20	<0.01	2.2	<1	0.45	5.9	8.9	1.65	11.6	13.1	<0.5	0.03	2.41	2
			20	24	<0.01	0.9	<1	0.28	4.8	3.6	1.6	10.8	2.7	<0.5	<0.01	1.04	2
			24	28	<0.01	1	<1	0.14	3.3	2.3	0.82	6.9	1.9	<0.5	<0.01	0.7	2
			28	32	0.02	<0.5	<1	0.13	3.1	3.3	0.72	7.5	2.8	<0.5	<0.01	0.1	2
			32	36	<0.01	0.6	<1	0.18	3.4	3.6	1.22	9.5	5	<0.5	<0.01	0.33	<2
			36	40	<0.01	0.7	<1	0.32	2.6	10.3	0.32	7.4	7.2	<0.5	0.01	0.13	2
			40	44	<0.01	1.5	<1	0.28	4.5	19.3	0.74	10.8	17.9	<0.5	0.02	0.52	3
			44	48	<0.01	0.6	<1	0.11	5.7	20.7	1.17	16.4	25.8	<0.5	0.02	1.08	9
			48	52	<0.01	0.6	<1	0.06	17.2	62.6	3.19	42.2	23.1	<0.5	0.02	0.49	37
			52	56	0.02	0.7	<1	0.17	11.7	31.1	0.94	25.3	15.2	<0.5	0.02	0.15	37
			56	60	0.01	0.8	<1	1.65	18.1	43.4	1.79	44.2	15.1	<0.5	0.01	0.35	71
			60	64	<0.01	<0.5	<1	0.5	30.3	76.5	3.64	99.8	10.3	<0.5	0.01	0.37	109
			64	65	<0.01	<0.5	<1	1.23	12.6	46.6	1.76	36	4.5	<0.5	0.01	4.19	51

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC018	692300	6780815	0	4	<0.01	2.1	<1	0.43	6.3	13.2	0.89	17	9.1	<0.5	0.03	0.16	12
			4	8	0.02	4.4	<1	0.5	6.1	18.4	1.41	22.9	10.8	<0.5	0.04	0.52	15
			8	12	<0.01	2.1	<1	0.42	7.2	17.5	0.96	23.4	12.5	<0.5	0.02	0.61	13
			12	16	0.01	2	<1	0.36	8.1	14.5	0.78	24.1	12.1	<0.5	0.02	1.02	10
			16	20	<0.01	2.2	<1	0.25	6	9.9	0.84	18.8	4.4	<0.5	0.02	0.53	4
			20	24	<0.01	1.6	<1	0.29	11.4	10.3	0.9	15.2	4.2	<0.5	0.02	1	2
			24	28	<0.01	1.5	<1	0.22	8.6	6.5	0.97	56.2	6.5	<0.5	0.02	2.74	8
			28	32	<0.01	<0.5	<1	0.01	10.3	2.4	0.54	53.5	2.2	<0.5	<0.01	1.18	6
			32	35	0.01	0.5	<1	0.08	52.5	2.6	1.58	246.4	34.2	<0.5	<0.01	0.71	21
LBAC019	692200	6780810	0	4	0.01	1.6	<1	0.24	4.6	10.9	1.05	23.6	7.5	<0.5	0.02	0.35	10
			4	8	<0.01	3	<1	0.48	8	19.2	1.19	25.1	11.7	<0.5	0.03	0.38	14
			8	12	<0.01	3	<1	0.42	7.5	16	1.1	26.1	11.5	<0.5	0.02	0.76	12
			12	16	0.01	5.3	<1	0.41	11.8	12.1	1.03	23.9	8.2	<0.5	0.02	0.69	7
			16	20	<0.01	1.8	<1	0.2	12.6	13.8	0.74	33.4	4.9	<0.5	0.02	0.14	6
			20	24	<0.01	1.8	<1	0.36	10.8	8.1	1.38	25.6	6.1	<0.5	0.02	0.54	3
			24	28	<0.01	2.8	<1	0.39	35.3	6	1.93	108	6.7	<0.5	0.02	0.75	4
			28	30	<0.01	0.6	<1	0.67	78.3	7.8	0.78	678.9	5.6	<0.5	0.02	0.29	18
LBAC020	692100	6780810	0	4	0.02	3.8	<1	0.3	8.9	20.7	1.16	40.5	13.7	<0.5	0.05	0.11	11
			4	8	0.03	2.9	<1	0.43	11.4	19.7	1.34	31.3	12.7	<0.5	0.02	0.39	16
			8	12	0.01	2.2	<1	0.38	8.9	14.3	0.99	28.8	11.2	<0.5	0.02	0.86	10
			12	16	0.02	2.2	<1	0.34	11.4	11.9	1.12	32.7	7	<0.5	0.02	1.55	8
			16	20	0.01	2.6	<1	0.53	12.6	14.1	1.11	38.9	21.3	<0.5	0.03	0.26	7
			20	24	<0.01	2.6	<1	0.32	13.8	8.7	1.12	27.5	8.2	<0.5	0.03	0.66	4
			24	28	<0.01	3.6	<1	0.53	22.3	5.1	1.96	91.7	7.7	<0.5	0.03	0.81	3
			28	32	<0.01	1.6	<1	0.68	41.7	6.6	1.47	229.6	7.9	<0.5	0.02	0.21	15
			32	36	<0.01	<0.5	<1	0.13	21.6	1.5	0.26	108.3	2.9	<0.5	<0.01	0.23	6
			36	40	<0.01	0.6	<1	0.03	12.6	1.3	0.71	84.9	7.6	<0.5	<0.01	0.26	8
			40	42	<0.01	<0.5	<1	0.04	13.7	0.8	0.65	106.6	12.4	<0.5	<0.01	0.11	10
LBAC021	691800	6780790	0	4	<0.01	2.9	<1	0.24	7	11.8	1.07	18.2	8.1	<0.5	0.03	0.38	12
			4	8	<0.01	3.5	<1	0.32	8.4	18.3	1.09	23.3	10.7	<0.5	0.03	0.54	14
			8	12	<0.01	2.3	<1	0.36	12	17.8	0.92	44.8	10	<0.5	0.02	1.14	15
			12	16	<0.01	1.5	<1	0.46	10.8	10.4	0.67	25.9	7.9	<0.5	0.02	1.22	8
			16	20	0.01	5.8	<1	1.18	5.6	10.3	2.25	26.4	20.6	<0.5	0.06	0.89	5
			20	24	<0.01	2.1	<1	0.43	9.2	9.4	1.2	26.4	7.5	<0.5	0.01	0.76	6
			24	28	<0.01	1.4	<1	0.32	64	9.6	1.81	52.9	12.8	<0.5	0.02	0.19	7
			28	32	<0.01	1	<1	0.29	10.7	6.8	0.7	20.9	4.5	<0.5	<0.01	0.67	3
			32	36	<0.01	3	<1	0.47	13.9	3.9	3.38	40.9	13.1	<0.5	0.03	1.06	2
			36	40	<0.01	1.9	<1	0.62	10.9	24.2	2.32	39.2	12.4	<0.5	0.02	0.22	<2
			40	44	<0.01	1.2	<1	0.68	12.2	15.9	1.21	28.8	11.9	<0.5	0.01	0.13	<2
			44	48	<0.01	0.8	<1	0.56	12.2	14.3	1.16	23	9.3	<0.5	<0.01	0.08	3
			48	52	<0.01	<0.5	<1	0.32	3.7	7.5	0.74	11.6	4.5	<0.5	<0.01	0.45	3
			52	56	<0.01	0.6	<1	0.09	3.9	15.8	0.78	13.8	9.1	<0.5	<0.01	0.83	4
			56	60	0.02	<0.5	<1	0.21	15.6	54.4	2.95	47.4	33.9	<0.5	0.01	0.23	45
			60	64	0.02	1.2	<1	0.05	8.9	22.7	0.91	15.6	13.7	<0.5	<0.01	0.14	45
			64	68	0.03	0.8	<1	0.06	7.8	16.3	1.03	23.7	7.7	<0.5	<0.01	0.28	43
			68	72	0.02	<0.5	<1	0.06	28.4	50.1	1.29	83.9	6.3	<0.5	0.01	0.14	93

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC041	691100	6772400	0	4	<0.01	1.7	<1	0.15	4.6	12.5	0.77	14.2	6.4	<0.5	0.02	0.27	14
			4	8	<0.01	2.6	<1	0.21	7.7	17.4	0.86	17.7	16	<0.5	0.02	0.23	23
			8	12	<0.01	2.8	<1	0.25	8.4	22.9	0.67	29.9	13.2	<0.5	0.02	0.07	24
			12	16	<0.01	1.6	<1	0.22	6.3	10.3	0.96	17.3	11.7	<0.5	0.01	0.12	12
			16	20	<0.01	2.2	<1	0.31	4.9	29.5	3.51	16.6	27.1	<0.5	0.03	0.12	8
			20	24	<0.01	1.1	<1	0.14	2.9	9.6	1.71	14.1	6.4	<0.5	<0.01	0.11	5
			24	28	<0.01	1.2	<1	0.21	1.3	10.6	4.21	4.3	17	<0.5	0.01	0.61	5
			28	32	<0.01	<0.5	<1	0.05	0.6	4.4	1.25	1.1	4.1	<0.5	<0.01	0.76	3
			32	36	<0.01	<0.5	<1	0.02	0.9	4	1.71	1.8	4.6	<0.5	<0.01	0.61	3
			36	40	<0.01	0.6	<1	0.09	0.8	5.8	1.83	1.2	4	<0.5	<0.01	0.81	5
			40	44	<0.01	0.5	<1	0.05	0.9	5.9	2	2.2	8.5	<0.5	<0.01	0.36	6
			44	48	0.09	<0.5	<1	0.43	2.5	10.2	1.28	4.1	17	<0.5	0.01	0.96	34
			48	52	0.06	0.5	<1	0.18	9.3	11.8	1.26	32	5.5	<0.5	0.01	0.27	140
			52	56	0.03	<0.5	<1	0.23	5.8	11.8	1.13	6.3	6	<0.5	0.01	0.1	76
			56	60	0.08	0.6	<1	0.13	8.3	19.7	1.7	11.7	6.1	<0.5	<0.01	0.24	88
LBAC040	691060	6772300	0	4	<0.01	2	<1	0.15	4.8	12	0.44	15.3	6.3	<0.5	0.02	0.72	16
			4	8	<0.01	1.7	1	0.23	7.9	17.8	0.7	27.1	18.4	<0.5	0.02	0.34	30
			8	12	<0.01	2.2	<1	0.21	8.6	17.6	0.49	29.2	16.6	<0.5	0.02	0.14	20
			12	16	<0.01	3.9	<1	0.38	16.4	13.2	2.36	28.1	25.3	<0.5	0.02	0.06	13
			16	20	<0.01	2.2	<1	0.3	7.5	35.8	2.82	24.2	28.3	<0.5	0.02	0.09	10
			20	24	<0.01	1	<1	0.1	2.4	10.5	1.65	8.3	6.5	<0.5	0.01	0.42	8
			24	28	<0.01	<0.5	<1	0.02	2.1	13	1.23	5.7	4.8	<0.5	<0.01	0.05	17
			28	32	<0.01	<0.5	<1	0.02	5.3	19.6	0.75	10.1	6.7	<0.5	<0.01	0.14	43
			32	36	0.06	<0.5	<1	0.02	5.3	16.4	0.54	8.8	28	<0.5	0.01	0.65	46
			36	40	0.06	0.5	1	0.45	11.9	50.2	1.36	52.6	17.2	<0.5	0.02	2.4	87
			40	44	0.02	0.5	<1	0.06	15	27.1	0.67	64.9	4.3	<0.5	0.01	0.27	89
			44	48	0.04	<0.5	<1	0.06	6.6	8.2	0.44	32.2	3	<0.5	<0.01	0.64	40
			48	52	0.02	0.5	<1	0.11	10	7.1	0.46	53.1	3.3	<0.5	<0.01	0.63	48
			52	55	0.03	0.6	<1	0.07	17.1	6.8	0.86	83.3	3.1	<0.5	<0.01	0.57	68
LBAC039	691020	6772200	0	4	0.01	1.4	<1	0.13	6.3	10.1	0.44	25.8	5.4	<0.5	0.02	0.75	24
			4	8	0.03	1.5	2	0.18	9	17.1	0.57	31.8	17.4	<0.5	0.02	0.59	27
			8	12	<0.01	2.3	<1	0.2	10.1	18.2	0.76	32.1	12.8	<0.5	0.02	0.27	18
			12	16	<0.01	2.5	<1	0.28	14.4	13.6	1.56	20.3	16.7	<0.5	0.02	0.31	11
			16	20	<0.01	1.2	<1	0.24	7.4	14.1	1.79	12.4	28	<0.5	0.01	0.19	6
			20	24	<0.01	1.6	<1	0.23	3.3	17.3	1.13	6.4	8.9	<0.5	0.01	0.77	12
LBAC038	690980	6772100	0	4	<0.01	1	2	0.12	4	10.1	0.34	12.5	5.2	<0.5	0.01	0.21	14
			4	8	0.08	1.2	2	0.16	4.8	14.5	0.46	27	13.7	<0.5	0.01	0.41	22
			8	12	0.01	1.8	<1	0.17	8.4	16.5	0.69	26	12.8	<0.5	0.02	0.49	18
			12	16	<0.01	1.6	<1	0.29	11.7	16	1.37	24.7	14.5	<0.5	0.01	0.11	16
			16	20	<0.01	0.7	<1	0.21	4.4	17.7	1.19	15.3	15.7	<0.5	0.01	0.09	8
			20	24	<0.01	2.1	<1	0.33	2.6	21.9	2.17	5.4	15.9	<0.5	0.03	0.51	5
			24	28	0.01	0.6	<1	0.15	1.5	34.1	2.53	4	13.9	<0.5	0.02	0.77	7
			28	32	0.01	<0.5	<1	0.75	3.4	117.4	1.92	18.3	27.7	<0.5	0.03	0.12	36
			32	36	0.01	<0.5	<1	2.47	9.7	111.9	2.33	34.1	21	<0.5	0.04	0.08	56
LBAC037	690940	6772000	0	4	<0.01	1.9	<1	0.16	5.4	14.5	0.9	18.1	7.6	<0.5	0.02	0.26	26
			4	8	<0.01	1.7	<1	0.21	7	15.2	0.71	24.1	12.5	<0.5	0.02	0.46	23
			8	12	<0.01	2	<1	0.22	10.6	19	0.9	31.6	10.1	<0.5	0.02	0.39	19
			12	16	<0.01	1.5	<1	0.26	11.3	16.8	1.65	28.3	9.6	<0.5	0.02	0.09	15
			16	20	<0.01	1	<1	0.24	6	15.2	1.82	18.8	18.1	<0.5	0.02	0.1	8
			20	24	<0.01	1.1	<1	0.21	2.5	10.9	1.86	9	6.7	<0.5	0.01	0.18	3
			24	28	0.01	1.1	<1	0.26	4.8	7.5	5.43	13.1	10.2	<0.5	0.03	0.21	<2
			28	32	<0.01	1.2	<1	0.84	4.1	15.6	5.58	13.8	23.9	<0.5	0.03	0.22	<2
			32	36	0.02	0.9	<1	0.66	3.8	34.1	4.28	11.3	16.7	<0.5	0.03	0.18	<2
			36	40	<0.01	0.5	<1	0.23	2.1	25.2	1.73	9.9	6.3	<0.5	0.02	0.12	3
			40	44	0.01	<0.5	<1	0.04	1.7	9.4	1.59	14.4	2.6	<0.5	<0.01	0.09	6
			44	48	<0.01	<0.5	<1	0.03	1.4	15.8	2.06	11.6	5.6	<0.5	<0.01	0.07	6
			48	52	<0.01	0.9	<1	0.05	2.5	59.6	7.24	20.2	17.1	<0.5	<0.01	0.2	21
			52	56	<0.01	<0.5	<1	0.03	0.6	10.6	0.29	7.6	3.1	<0.5	<0.01	0.07	4
			56	60	<0.01	<0.5	<1	0.19	0.6	10	0.72	5.8	4.4	<0.5	<0.01	<0.05	5
			60	64	0.01	<0.5	<1	0.09	0.8	13.4	0.52	8.7	6.7	<0.5	<0.01	0.08	8
			64	68	0.01	<0.5	<1	0.11	1.9	34.5	1.23	23.3	25.5	<0.5	<0.01	<0.05	21
			68	72	0.02	<0.5	<1	0.4	5.4	40	1.19	25.6	19.1	0.5	0.01	0.14	81
			72	76	0.02	<0.5	<1	0.07	5.8	37.5	0.8	13	10.9	<0.5	0.01	0.18	86
			76	80	0.01	<0.5	<1	0.11	7.4	36.9	0.76	19.2	11.1	<0.5	<0.01	0.08	91
			80	84	0.01	<0.5	<1	3.77	10.7	43.5	1.46	35.4	8.6	<0.5	0.02	0.11	112
			84	87	0.02	<0.5	<1	0.65	31.5	56.8	1.42	86.2	7.2	<0.5	0.01	0.15	102

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC032	691200	6771750	0	4	0.02	1.8	<1	0.2	5.7	12.9	1.06	18.1	8.9	<0.5	0.02	0.28	24
			4	8	0.01	3.5	<1	0.33	5.2	12.7	1.2	15.8	11.4	<0.5	0.04	0.55	15
			8	12	0.01	3.6	<1	0.37	9.7	21.3	1.56	26.6	14.2	<0.5	0.04	0.25	19
			12	16	<0.01	3.2	<1	0.38	13	10.5	2.02	20.6	12.8	<0.5	0.04	0.35	6
			16	20	<0.01	1.3	<1	0.3	4.8	12.9	3.2	13.2	13	<0.5	0.03	0.33	2
			20	24	<0.01	<0.5	<1	0.07	2.1	14.1	0.59	10.8	2.1	<0.5	<0.01	0.18	3
			24	28	<0.01	<0.5	<1	0.21	3	45.3	2.86	5.6	5.4	<0.5	0.02	0.27	13
			28	29	0.01	<0.5	<1	0.21	7	90.7	5.2	4.5	6.4	<0.5	0.02	1.08	58
LBAC033	691300	6771750	0	4	<0.01	1.9	1	0.17	6	14.2	1.55	20.9	7.5	<0.5	0.02	0.43	31
			4	8	0.01	2.8	<1	0.25	6.3	13.8	0.8	18.1	8.9	<0.5	0.02	0.31	18
			8	12	<0.01	3.3	<1	0.45	8.7	17.3	1.55	22.1	15.7	<0.5	0.04	0.17	9
			12	16	<0.01	1.9	1	0.52	4.3	16.8	2.19	8.6	17.9	<0.5	0.03	0.17	4
			16	20	<0.01	0.7	<1	0.14	2.2	14.2	0.98	5.6	8.8	<0.5	0.01	0.38	3
			20	24	<0.01	<0.5	<1	0.04	1.5	11.7	0.94	6.1	5.4	<0.5	<0.01	0.36	4
			24	28	<0.01	<0.5	<1	0.1	1.3	20	1.48	6.7	5.9	<0.5	<0.01	0.26	5
			28	32	<0.01	<0.5	<1	0.26	1.8	37.5	3.23	7.9	12.1	<0.5	<0.01	0.06	7
			32	36	<0.01	<0.5	<1	0.15	2.4	42.6	5.59	14.6	13.4	<0.5	<0.01	0.07	17
			36	40	<0.01	<0.5	<1	0.11	2.5	29.3	5.47	13.2	10.6	<0.5	<0.01	0.23	14
			40	44	0.01	<0.5	<1	0.07	3.7	48.1	8.03	18.9	9.3	<0.5	<0.01	0.5	22
			44	48	0.03	<0.5	<1	0.1	11	79.7	4.1	44.7	10.1	<0.5	<0.01	<0.05	68
			48	49	0.02	<0.5	<1	0.05	4.6	29.9	1.78	13.5	3.7	<0.5	<0.01	0.8	29
LBAC034	691400	6771750	0	4	<0.01	1.3	<1	0.14	4.7	10.4	0.58	14	6	<0.5	0.01	0.27	16
			4	8	0.01	3.9	1	0.34	4	11.2	1.39	12.4	10.8	<0.5	0.03	0.9	12
			8	12	0.03	4.2	<1	0.52	5.8	41.4	1.66	15.3	23.2	<0.5	0.05	0.4	7
			12	16	0.03	0.6	<1	0.1	7.5	54.4	0.71	8.8	12.6	<0.5	0.02	0.43	11
			16	17	0.03	<0.5	<1	0.2	15.1	103.4	3.82	22	10.6	<0.5	0.01	0.62	46
LBAC035	691500	6771750	0	4	0.03	1.4	<1	0.15	4.4	11.4	0.69	12.5	6	<0.5	0.02	0.41	14
			4	8	0.03	5.6	<1	0.33	5.3	14.5	0.94	12.7	11.6	<0.5	0.03	0.35	15
			8	12	0.04	6.7	<1	0.6	6.1	17.9	2.39	13.7	20.3	<0.5	0.07	0.36	5
			12	16	0.03	1.2	<1	0.08	6.1	8.3	1.14	6.6	24.2	<0.5	0.01	0.74	6
			16	20	0.03	<0.5	<1	0.02	1.7	5.3	1.11	4.2	10.5	<0.5	<0.01	0.43	4
			20	24	0.03	<0.5	<1	<0.01	1.4	6.6	0.49	2.6	3.7	<0.5	<0.01	0.6	4
			24	28	0.03	<0.5	<1	0.02	2.1	16.7	1.36	3.5	8.8	<0.5	<0.01	1.01	16
			28	32	0.03	<0.5	<1	0.01	4.2	17.2	1.09	5.5	6.3	<0.5	<0.01	1.14	33
			32	36	0.04	<0.5	<1	<0.01	4	8.6	0.84	4.7	3.3	<0.5	<0.01	1.11	29
			36	39	0.05	<0.5	<1	<0.01	4.5	13.3	0.67	5.3	3.7	<0.5	<0.01	0.42	38
LBAC036	691600	6771750	0	4	0.03	1.6	<1	0.16	9.4	23.2	0.96	27.4	8.3	<0.5	0.02	0.17	31
			4	8	0.03	4.6	1	0.27	6.8	15	0.76	16	9.4	<0.5	0.02	0.18	20
			8	12	0.04	7.8	<1	0.73	4.9	15.3	3.13	12.6	20.2	<0.5	0.08	0.24	7
			12	16	0.03	1.1	<1	0.08	2.6	3.6	0.7	4.6	5.6	<0.5	0.01	1.18	5
			16	20	0.03	0.7	<1	0.06	2.5	5	0.61	3.2	7.8	<0.5	<0.01	0.7	18
			20	24	0.03	<0.5	<1	0.04	4.1	9	0.42	4.1	25.8	<0.5	<0.01	0.21	45
			24	28	0.03	<0.5	<1	0.01	2.9	7	0.46	2.8	8.8	<0.5	<0.01	0.22	26
			28	30	0.03	<0.5	<1	0.16	3.8	11.5	0.77	2.9	8.5	<0.5	<0.01	1.25	25

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC042	686900	6766390	0	4	0.01	3.8	1	0.2	6	14	1.41	19.3	11.5	<0.5	0.04	0.13	13
			4	8	0.02	1.2	2	0.07	1.8	6.8	0.36	6.6	3.8	<0.5	<0.01	0.27	7
			8	12	<0.01	<0.5	<1	0.05	0.5	3.4	0.37	1.7	5.5	<0.5	<0.01	0.11	4
			12	16	0.01	<0.5	<1	0.05	0.7	5.9	0.26	2.7	10.2	<0.5	<0.01	<0.05	15
			16	20	<0.01	<0.5	<1	0.03	2.9	13.4	0.4	7.2	23.7	<0.5	<0.01	<0.05	42
			20	23	0.05	<0.5	<1	0.03	3.4	12.8	0.38	8.5	44.6	<0.5	<0.01	0.07	38
LBAC043	687400	6766400	0	4	0.01	1.8	2	0.14	7.5	14.6	0.82	25.4	10.6	<0.5	0.02	0.18	15
			4	8	0.01	1.4	<1	0.08	3.1	22.8	0.44	11.2	16.5	<0.5	0.02	0.14	34
			8	10	<0.01	0.6	<1	0.12	1.4	8.9	6.42	5.2	27.5	<0.5	<0.01	0.37	17
LBAC044	687500	6766400	0	4	0.01	1.4	1	0.14	4.7	12.7	0.55	17.7	8.6	<0.5	0.02	0.06	15
			4	8	0.02	0.9	1	0.05	2.1	8.2	0.53	6.9	4.8	<0.5	<0.01	0.23	7
			8	12	0.02	<0.5	<1	0.03	0.3	3.5	0.2	2.4	3.1	<0.5	<0.01	0.11	<2
			12	16	0.01	<0.5	<1	0.03	0.3	4.3	0.15	3.1	22.2	<0.5	<0.01	0.08	2
			16	20	0.06	<0.5	<1	0.03	2.5	17.1	0.53	9.6	21.4	<0.5	0.02	0.19	15
			20	24	0.04	<0.5	<1	0.05	3.4	30.7	1.09	18.5	30.3	<0.5	<0.01	0.55	27
LBAC045	687600	6766400	0	4	0.01	1.2	1	0.11	3.3	9.9	0.46	15.2	6.6	<0.5	0.01	0.09	13
			4	8	0.02	0.7	1	0.04	1.3	9.8	0.56	5.3	5.6	<0.5	0.01	0.08	15
			8	12	<0.01	<0.5	<1	0.03	1.5	13.6	0.23	3.9	7.1	<0.5	<0.01	0.15	25
			12	16	<0.01	<0.5	<1	0.11	2.5	21.3	0.87	5.5	31.5	<0.5	0.01	0.09	32
			16	20	0.03	<0.5	<1	0.02	3.2	27.9	0.36	5.3	18.7	<0.5	<0.01	0.24	35
			20	21	0.03	<0.5	6	0.04	5.7	20	0.8	10.7	24.8	<0.5	0.01	0.54	48
LBAC046	687700	6766480	0	4	0.01	1	<1	0.11	2.7	8	1.11	9.3	6.1	<0.5	0.01	0.24	20
			4	5	0.04	1.1	<1	0.05	3	13.1	0.79	7.5	8.4	<0.5	0.01	0.65	29

Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC031	690800	6771700	0	4	0.03	2.1	<1	0.18	4.8	13.8	0.97	14.8	7.5	<0.5	0.02	0.22	18
			4	8	0.05	3.2	<1	0.27	6.8	17.3	1.12	18.2	11.3	<0.5	0.03	0.69	17
			8	12	0.03	3	<1	0.32	30.2	28.7	1.34	37.8	19.2	<0.5	0.03	0.27	21
			12	16	0.03	2.5	<1	0.39	23.4	16.3	2.99	28.7	5.3	<0.5	0.02	0.09	16
			16	20	0.05	1	<1	0.51	19.4	19.1	4.11	24.2	9.4	<0.5	0.03	0.16	12
			20	24	0.03	0.8	<1	0.74	10.5	26.1	5.95	27	21.4	<0.5	0.02	0.25	7
			24	28	0.03	0.8	<1	0.88	4.5	70.7	5.43	13.7	20.8	<0.5	0.02	0.68	2
			28	32	0.03	<0.5	<1	1.18	5.3	58.1	3.92	18.9	15.4	<0.5	0.01	0.21	<2
			32	36	0.03	<0.5	<1	1.83	6.3	29	4.31	25.1	14	<0.5	0.03	0.14	<2
			36	40	0.03	1.1	<1	2.82	6.4	41.5	5.31	23.4	23.9	<0.5	0.04	0.31	3
			40	44	0.02	<0.5	<1	0.38	2.3	11.6	0.88	8.5	3.7	<0.5	<0.01	<0.05	4
			44	48	0.03	<0.5	<1	0.62	1.9	8.6	0.71	10.7	6.4	<0.5	<0.01	<0.05	9
			48	52	0.04	<0.5	<1	0.25	0.7	5.3	0.64	6.2	2.9	<0.5	<0.01	0.41	5
			52	56	0.04	<0.5	<1	0.38	1.2	12.6	0.25	11.5	84.8	0.5	<0.01	0.13	13
			56	60	0.04	<0.5	<1	0.11	1.7	8.4	0.65	7.1	16.4	<0.5	<0.01	<0.05	15
			60	64	0.07	<0.5	<1	0.12	3.1	9.9	0.61	12.1	13.3	<0.5	<0.01	<0.05	23
			64	68	0.16	<0.5	<1	0.31	5.3	26.7	1.28	22.3	19.7	<0.5	<0.01	<0.05	36
			68	69	0.09	<0.5	<1	0.12	9.6	63.6	1.4	48	31.8	<0.5	<0.01	0.17	69
LBAC030	690770	6771600	0	4	0.03	1.3	<1	0.14	4.9	9.1	0.76	11.5	6.5	<0.5	0.01	0.25	12
			4	8	0.07	2.5	1	0.18	7.9	17.3	0.74	20.3	9.1	<0.5	0.03	0.78	20
			8	12	0.03	2.5	<1	0.3	19.1	33	1.42	41.3	13.9	<0.5	0.03	0.44	19
			12	16	0.04	5	<1	0.66	7.8	17.8	2.69	21.8	11.4	<0.5	0.06	0.35	11
			16	20	0.02	1.5	<1	0.97	11.2	43.2	5.47	21.1	6.9	<0.5	0.03	0.39	13
			20	24	0.02	0.5	<1	1.92	14.5	24.3	3.84	13.9	21.3	<0.5	0.02	0.52	8
			24	28	0.04	<0.5	<1	0.2	8.7	43.4	4.05	14.9	10.6	<0.5	<0.01	0.2	7
			28	32	0.08	<0.5	<1	0.47	20.2	41.9	6.35	23.6	18.7	<0.5	<0.01	0.09	12
			32	36	0.02	<0.5	<1	0.7	3	7.2	1.65	7.6	8.4	<0.5	<0.01	0.12	3
			36	40	0.02	<0.5	<1	0.12	7.2	11.4	2.34	15	9.8	<0.5	<0.01	0.26	10
			40	44	0.02	0.6	<1	0.14	9.4	33.3	4.46	44.7	13.2	<0.5	<0.01	0.16	34
			44	48	0.04	0.7	<1	0.15	9.7	28.4	3.68	45.9	11.5	<0.5	<0.01	0.18	35
			48	52	0.06	<0.5	<1	0.09	3.4	14.7	1.39	14.9	6.9	<0.5	<0.01	0.66	26
			52	56	0.05	<0.5	<1	0.11	0.9	8.1	0.3	3.6	4.8	<0.5	<0.01	1	8
			56	60	0.1	<0.5	<1	0.1	5.9	21.4	0.68	12.6	8.8	<0.5	<0.01	0.17	65
			60	63	0.08	<0.5	<1	0.24	7.5	39.1	2.71	35.3	12.6	<0.5	0.02	0.45	66
LBAC029	690725	6771500	0	4	0.03	1.7	1	0.17	6.2	15.2	0.79	20	7.8	<0.5	0.02	0.19	18
			4	8	0.01	3.4	<1	0.22	9.6	20.9	0.84	24.2	10.9	<0.5	0.04	0.38	28
			8	12	0.02	3.2	1	0.45	25.2	40.3	1.6	51.5	19.2	<0.5	0.04	0.44	21
			12	16	0.01	4.5	<1	0.52	16.3	18.6	1.85	28.5	7.8	<0.5	0.03	0.15	14
			16	20	0.01	0.9	2	0.21	36	64.8	2.14	25.6	5.4	<0.5	0.01	0.36	26
			20	24	<0.01	0.7	<1	0.16	23.3	44	1.69	44.8	3.8	<0.5	0.01	0.12	47
			24	28	0.01	0.5	<1	0.18	40.2	97.3	1.43	69.8	12.9	<0.5	0.01	0.2	92
LBAC028	690685	6771400	0	4	<0.01	1.5	1	0.14	5.3	12.9	0.52	19.3	7.3	<0.5	0.02	0.11	17
			4	8	0.02	3.6	1	0.23	8.8	21.6	1.15	28.3	11.7	<0.5	0.04	0.22	30
			8	12	0.02	3.6	<1	0.46	9.8	29.6	1.42	36.7	13.4	<0.5	0.04	0.44	21
			12	16	0.01	1.4	<1	0.11	8.4	11.5	0.87	21.5	6.2	<0.5	0.01	0.71	19
			16	18	0.01	0.5	<1	0.02	24.6	6.3	0.9	14.6	2.5	<0.5	<0.01	1.19	14
LBAC027	690640	6771300	0	4	0.01	2.4	2	0.18	6.7	15.4	1.37	21.8	10.3	<0.5	0.02	0.28	30
			4	8	0.01	3.1	1	0.24	10.1	22.7	1.52	29.9	12.8	<0.5	0.04	0.41	32
			8	12	0.03	1.6	1	0.25	27	55.7	1.58	52.1	8.8	<0.5	0.03	0.37	25
			12	15	0.06	1	<1	0.15	71.1	50.2	1.05	54	1.9	<0.5	0.01	9.47	23
LBAC026	690600	6771200	0	4	0.01	1.9	2	0.16	7.1	14.8	0.98	22.7	9.9	<0.5	0.02	0.48	19
			4	8	0.02	2.9	<1	0.23	9	20.7	1.06	27.3	11.2	<0.5	0.03	0.51	27
			8	12	0.01	1.6	1	0.24	25.9	85.8	1.37	57.5	7.9	<0.5	0.03	0.23	32
LBAC025	690560	6771100	0	4	0.01	2.5	2	0.2	6.1	15.3	1.29	20	9.4	<0.5	0.03	0.41	23
			4	8	0.01	2.9	<1	0.27	8.4	22	1.22	25.8	9.2	<0.5	0.03	0.49	26
			8	12	0.02	1.3	<1	0.27	11.1	42.5	0.84	39.6	22.8	<0.5	0.01	0.82	33
LBAC024	690520	6771000	0	4	<0.01	2	1	0.16	6.5	13.8	0.88	19.2	9.6	<0.5	0.02	0.19	18
			4	8	<0.01	2.9	1	0.21	7.8	19.8	1.08	23	10.8	<0.5	0.02	0.34	24
			8	12	0.01	1.5	2	0.14	8.4	32	0.89	21.9	8.8	<0.5	0.02	0.53	36
			12	16	<0.01	<0.5	1	0.03	4.8	16.2	0.43	7.3	32.7	<0.5	<0.01	0.99	36
LBAC023	690480	6770900	0	4	<0.01	2.4	2	0.17	9.1	14.1	1.15	21.5	17.9	<0.5	0.02	0.26	22
			4	8	0.01	3.2	1	0.25	8.6	19	1.11	22.3	11.3	<0.5	0.03	0.28	22
			8	12	<0.01	0.6	1	0.06	1.4	8.9	1.71	5.6	4.5	<0.5	<0.01	1.05	3
			12	16	0.01	<0.5	<1	0.04	2.3	21.3	1.35	8.5	4.3	<0.5	<0.01	0.73	24
			16	20	<0.01	0.6	2	0.06	5.7	35.7	1.01	10.6	38.9	<0.5	<0.01	0.55	35
			20	24	<0.01	<0.5	1	0.05	5.5	36.7	0.9	14.4	29.9	<0.5	<0.01	0.54	39
			24	28	0.01	<0.5	1	0.03	5.1	25.4	1.11	7.4	14.7	<0.5	<0.01	0.81	30
			28	29	0.01	<0.5	1	0.04	7.2	84.4	1.14	10.9	12.1	<0.5	0.01	0.64	36
LBAC022	690485	6770800	0	4	<0.01	2.2	<1	0.17	5.9	11.8	1.8	15.1	10	<0.5	0.02	0.38	28
			4	8	0.01	3.2	1	0.23	6.8	17.5	1.12	19.4	11.4	<0.5	0.03	0.24	22
			8	12	0.03	2	1	0.19	4.1	32.8	0.87	8.9	8.3	<0.5	0.01	0.47	8
			12	16	<0.01	0.6	<1	0.02	1	10.9	0.55	2.8	14.3	<0.5	<0.01	0.2	3
			16	20	<0.01	0.6	<1	0.02	0.9	5.1	0.84	2.6	12.6	<0.5	<0.01	0.48	3
			20	24	<0.01	0.5	<1	0.03	1.1	5.1	0.64	2.6	6.6	<0.5	<0.01	0.95	4
			24	28	<0.01	<0.5	1	0.01	3.9	16.1	0.74	4.8	7	<0.5	<0.01	0.45	42
			28	32	<0.01	<0.5	2	0.05	6.1	26.6	0.76	7.5	7.4	<0.5	<0.01	0.43	41
			32	36	<0.01	<0.5	1	0.15	5.6	24.1	2.13	9	25.6	<0.5	<0.01	0.45	17
			36	40	0.01	<0.5	1	0.12	0.9	8.9	0.89	3.3	10.9	<0.5	<0.01	1.43	5
			40	44	0.01	<0.5	<1	0.15	3.7	35.9	1.71	13.2	46.8	<0.5	0.01	0.42	35
			44	47	0.02	<0.5	<1	0.15	20.8	92.1	0.67	155.7	43.9	<0.5	<0.01	0.42	181

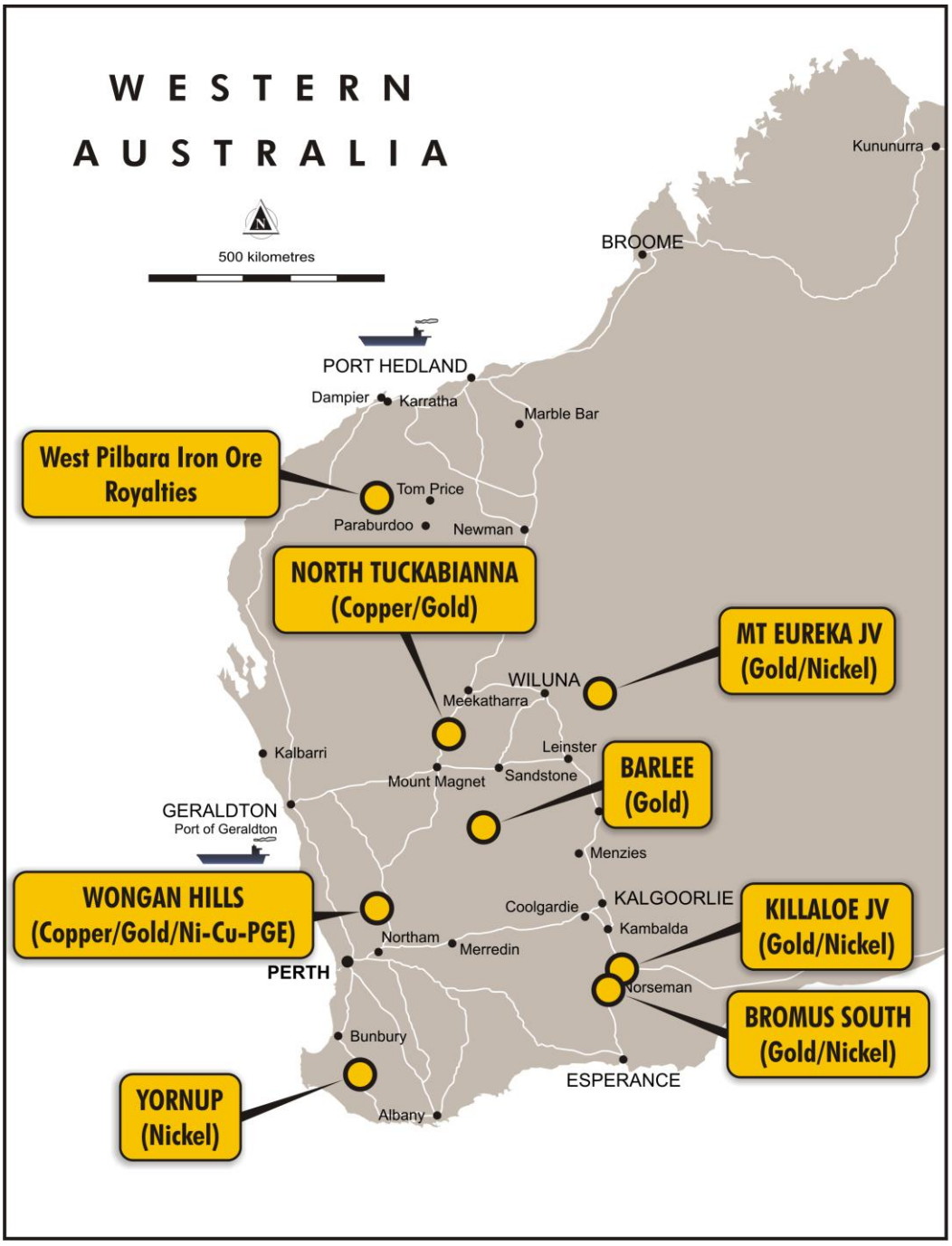
Hole Id	E	N	From	To	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	W	Zn
LBAC047	690000	6766480	0	4	0.01	2.3	1	0.18	6.3	12.6	0.98	17.4	14.1	<0.5	0.03	0.2	14
			4	8	0.02	2.9	1	0.27	4.6	17.4	1.19	20.2	12.9	<0.5	0.02	0.33	16
			8	12	0.02	1.6	1	0.24	8.6	12.6	0.72	21.8	13.3	<0.5	0.02	0.32	9
			12	16	0.01	1.5	<1	0.24	2	6.8	0.72	7.2	5.6	<0.5	<0.01	0.41	4
			16	20	0.05	1.2	<1	0.22	1.7	8	1.34	6.7	3.2	<0.5	0.01	0.31	6
			20	24	0.03	1.3	1	0.25	2.5	4.5	1.59	8.2	4.2	<0.5	0.02	0.42	3
			24	28	0.03	3.8	2	1.8	3.5	6.4	6.61	14.6	20.6	<0.5	0.06	1.43	5
			28	32	0.02	0.6	2	0.36	1.3	3.6	1.61	6.1	4.4	<0.5	<0.01	0.29	7
			32	36	<0.01	<0.5	2	0.07	0.5	2.3	3.63	1.8	1.8	<0.5	0.02	0.13	4
			36	40	<0.01	<0.5	2	0.03	0.6	3.4	8.48	2.3	7	<0.5	0.03	0.21	3
			40	44	<0.01	<0.5	2	0.1	0.8	5.6	1.44	3.9	11.5	<0.5	<0.01	0.38	4
			44	48	0.02	0.5	1	0.05	0.8	8.5	1.67	7.1	10.9	<0.5	<0.01	0.26	4
			48	52	<0.01	<0.5	1	0.01	0.6	6.7	1.48	3.3	24.6	<0.5	<0.01	0.56	4
			52	56	<0.01	<0.5	<1	0.18	1.3	16.4	1.42	5.2	37.8	<0.5	<0.01	0.78	14
			56	60	0.01	<0.5	1	0.08	2	22	1.38	4.7	26.4	<0.5	0.02	1.28	22
LBAC048	690100	6766480	0	4	0.01	2.9	1	0.17	5.4	14.5	1.17	13.1	16.5	<0.5	0.03	0.17	15
			4	8	0.01	2.3	2	0.3	8.9	16.4	1.03	22.3	13.2	<0.5	0.03	0.33	13
			8	12	<0.01	1.9	<1	0.39	5.3	13	1.11	19.6	13.4	<0.5	0.03	0.32	8
			12	16	<0.01	1.4	2	0.46	2.2	7.5	0.75	8.1	5.8	<0.5	<0.01	0.26	4
			16	20	<0.01	1.3	<1	0.34	2	6.3	1.54	6.9	4.2	<0.5	0.01	0.32	3
			20	24	<0.01	0.7	<1	0.14	2.1	4.2	0.8	6.6	2.5	<0.5	0.01	0.53	3
			24	28	<0.01	0.9	<1	0.11	1.6	3.1	0.89	3.5	2.5	<0.5	0.01	1.59	3
			28	32	<0.01	2.3	1	0.5	2.3	3.1	3.69	5.6	7.4	<0.5	0.03	0.91	<2
			32	36	<0.01	1.4	<1	0.42	2.6	1.6	6.04	7.2	12.4	<0.5	0.01	0.69	<2
			36	40	<0.01	1.4	<1	0.51	3	4.7	2.86	9.9	12.5	<0.5	0.01	0.46	<2
			40	44	<0.01	<0.5	<1	0.3	2.3	4.2	1.1	7.9	8.7	<0.5	<0.01	0.2	<2
			44	48	<0.01	0.5	<1	0.29	2.4	4.9	1.19	8.8	5.6	<0.5	<0.01	0.07	2
			48	52	<0.01	<0.5	<1	0.15	0.5	1.8	0.19	2.4	2.2	<0.5	<0.01	<0.05	3
			52	56	0.02	<0.5	<1	0.04	0.8	1.8	0.37	4.9	2.8	<0.5	<0.01	0.3	3
			56	60	0.02	<0.5	<1	0.06	0.8	2.5	0.3	2.9	5	<0.5	<0.01	<0.05	8
			60	64	0.02	<0.5	<1	0.12	0.8	3	0.23	4	19.5	<0.5	<0.01	<0.05	5
			64	68	0.03	<0.5	<1	0.13	1	3	0.24	5.9	15.3	<0.5	<0.01	0.07	7
			68	72	0.05	<0.5	<1	0.29	1	3.4	0.28	4.1	16.6	<0.5	<0.01	0.3	6
			72	76	0.03	<0.5	<1	0.31	0.9	4.8	0.33	3	47.3	<0.5	<0.01	0.3	7
			76	77	0.05	<0.5	<1	0.45	0.9	6.2	0.53	3.4	110.8	<0.5	<0.01	0.2	9
LBAC049	690200	6766480	0	4	0.01	1.8	<1	0.15	5.2	8.2	1.03	12	10	<0.5	0.02	0.47	13
			4	8	<0.01	2.9	<1	0.46	4.9	12.4	1.45	15.7	13	<0.5	0.03	0.35	10
			8	12	<0.01	1.4	1	0.29	8.2	12.9	0.63	21.5	14.1	<0.5	0.02	0.23	8
			12	16	<0.01	1.5	<1	0.35	2.9	8.4	0.8	9.6	7.2	<0.5	0.01	0.24	5
			16	20	<0.01	1.3	<1	0.29	1.9	5.8	1.28	7.8	3.6	<0.5	0.01	0.19	3
			20	24	<0.01	1.2	<1	0.15	2.6	4.8	1.19	8.3	3.3	<0.5	0.01	0.75	5
			24	28	<0.01	3	2	0.45	4.4	8	4.21	10.9	12.9	<0.5	0.03	0.62	6
			28	32	<0.01	1.2	1	0.59	2.9	5.2	3.33	6.9	10.5	<0.5	0.04	0.44	9
			32	36	0.01	0.7	<1	0.6	2.1	1.5	2.38	7.9	6.4	<0.5	0.01	0.52	<2
			36	40	<0.01	<0.5	<1	1.26	1.6	3.8	2	6.3	5.2	<0.5	<0.01	0.63	<2
			40	44	0.01	<0.5	<1	0.33	0.9	3.4	0.68	5.8	3.5	<0.5	<0.01	1.14	3
			44	48	0.02	<0.5	<1	0.1	0.6	4	0.43	4.4	4.8	<0.5	<0.01	1.08	3
			48	52	0.02	<0.5	<1	0.08	0.9	6.9	0.42	7.5	20	<0.5	<0.01	0.63	8
			52	56	0.04	<0.5	<1	0.13	1	6.9	0.5	8.2	34.5	<0.5	0.01	0.86	11
			56	60	0.07	<0.5	<1	0.12	1.3	7.1	0.49	6	29.6	<0.5	<0.01	1.3	16
			60	64	0.03	1.2	<1	1.06	47.6	136.7	7.26	221.3	29	<0.5	0.06	0.29	310
			64	68	0.04	<0.5	<1	0.24	15.2	79.9	2.43	56.9	8.5	<0.5	0.02	0.07	99
			68	69	0.04	<0.5	<1	0.17	7.4	49	1.86	26.7	10.8	<0.5	0.02	0.3	70
LBAC050	690300	6766480	0	4	0.03	2	1	0.17	3.9	13.2	0.95	11.4	10.4	<0.5	0.03	0.25	17
			4	8	0.02	2.7	1	0.39	8.7	15.3	1.45	19.6	14.5	<0.5	0.04	0.26	17
			8	12	0.01	1.2	<1	0.25	7	12.6	0.93	16.7	14.8	<0.5	0.02	0.25	9
			12	16	<0.01	1	<1	0.24	2.1	7.5	0.89	9	6.2	<0.5	0.01	0.19	5
			16	20	<0.01	1.5	<1	0.3	2.2	7.2	1.54	9.5	4.9	<0.5	0.02	0.13	4
			20	24	<0.01	0.9	<1	0.21	2.3	4.4	1.59	10	3.8	<0.5	0.01	0.39	3
			24	28	<0.01	3.3	<1	0.63	5.5	8.5	3.11	16.3	27.6	<0.5	0.06	0.08	2
			28	32	<0.01	0.6	1	0.22	1.9	2.6	4.28	9.2	7	<0.5	0.01	0.4	23
			32	36	<0.01	<0.5	2	0.09	1.4	4.3	3.56	9.2	10	<0.5	0.01	0.11	18
			36	40	<0.01	<0.5	<1	0.08	0.8	5.5	1.7	5.4	10.8	<0.5	<0.01	0.28	5
			40	44	<0.01	<0.5	<1	0.12	1.3	28.5	2.53	9.1	21.7	<0.5	<0.01	0.19	9
			44	48	<0.01	<0.5	<1	0.06	1.5	14.1	1.37	8.1	31.7	<0.5	<0.01	0.22	7
			48	52	0.02	<0.5	<1	0.13	5.4	35.7	1.76	18.3	81.2	<0.5	0.02	0.2	48
			52	54	0.03	<0.5	<1	0.04	4.8	22.5	0.82	8.8	25.3	<0.5	0.02	0.64	42

Further Information – Cullen 2020 ASX Releases

1. **29-1-2020 : Quarterly activities Report**
2. **07-2-2020 : Exploration Update**
3. **10-2-2020 : Share Purchase Plan**
4. **12-2-2020 : Investor presentation**
5. **03-3-2020 : Key Tenement Granted**
6. **28-4-2020: Quarterly Report, March 2020**
7. **19-6-2020: Barlee Update**
8. **22-6-2020: Exploration Update**
9. **15-7-2020: Exploration Update**
10. **23-7-2020: Quarterly Report, June 2020**
11. **21-8-2020: Exploration Update**
12. **29-10-2020: Quarterly Report, September 2020**
13. **4-12-2020: Investor Presentation**
14. **9-12-2020: Exploration Update**

Further Information – Cullen 2021 ASX Releases

1. **28-1-2021: Quarterly Report, December 2020**
2. **18-2-2021: Exploration Update**
3. **2-3-2021: Exploration Update – Wongan Hills**
4. **8-3-2021: Exploration Update – Barlee**
5. **15-3-2021: Results of FLEM survey**
6. **29-4-2021: Quarterly Report, March 2021**
7. **14-5-2021: Exploration Update**
8. **30-7-2021: Quarterly Report, June 2021**
9. **24-8-2021: Farm-out of Finnish properties**
10. **16-9-2021: Nickel Sulphides at Wongan Hills**
11. **6-10-2021: Wongan Hills – Investor Update**
12. **21-10-2021: Quarterly Report, September 2021**
13. **8-11-2021: Exploration Update**
14. **25-11-2021: AGM Presentation**
15. **1-12-2021: RXL: Mt Fisher- Mt Eureka Gold Project Exploration Update**
16. **8-12-2021: Exploration Update - Finland**



Project Location Map

ATTRIBUTION: **Competent Person Statement**

The information in this report that relates to exploration activities is based on information compiled by Dr. Chris Ringrose, Managing Director, Cullen Resources Limited who is a Member of the Australasian Institute of Mining and Metallurgy. Dr. Ringrose is a full-time employee of Cullen Resources Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr. Ringrose consents to the report being issued in the form and context in which it appears.

Information in this report may also reflect past exploration results, and Cullen's assessment of exploration completed by past explorers, which has not been updated to comply with the JORC 2012 Code. The Company confirms it is not aware of any new information or data which materially affects the information included in this announcement.

ABOUT CULLEN: Cullen is a Perth-based minerals explorer with a multi-commodity portfolio including projects managed through a number of JVs with key partners (Rox, Fortescue and Lachlan Star), and a number of projects in its own right. The Company's strategy is to identify and build targets based on data compilation, field reconnaissance and early-stage exploration, and to pursue further testing of targets itself or farm-out opportunities to larger companies. Projects are sought for most commodities mainly in Australia but with selected consideration of overseas opportunities. Cullen has a **1.5% F.O.B. royalty** up to 15 Mt of iron ore production from the Wyloo project tenements, part of Fortescue's Western Hub/Eliwana project, and will receive $900,000 cash if and when a decision is made to commence mining on a commercial basis – E47/1649, 1650, ML 47/1488-1490, and ML 08/502. Cullen has a **1% F.O.B. royalty** on any iron ore production from the following tenements – E08/1135, E08/1330, E08/1341, E08/1292, ML08/481, and ML08/482 (former Mt Stuart Iron Ore Joint Venture – Baosteel/Min Res/Posco/AMCI) and will receive $1M cash upon any Final Investment Decision. The Catho Well Channel Iron Deposit (CID) has a published in situ Mineral Resources estimate of 161Mt @ 54.40% Fe (ML 08/481) as announced by Cullen to the ASX – 10 March 2015.

FORWARD - LOOKING STATEMENTS

This document may contain certain forward-looking statements which have not been based solely on historical facts but rather on Cullen's expectations about future events and on a number of assumptions which are subject to significant risks, uncertainties and contingencies many of which are outside the control of Cullen and its directors, officers and advisers. Forward-looking statements include, but are not necessarily limited to, statements concerning Cullen's planned exploration program, strategies and objectives of management, anticipated dates and expected costs or outputs. When used in this document, words such as "could", "plan", "estimate" "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Due care and attention has been taken in the preparation of this document and although Cullen believes that its expectations reflected in any forward looking statements made in this document are reasonable, no assurance can be given that actual results will be consistent with these forward-looking statements. This document should not be relied upon as providing any recommendation or forecast by Cullen or its directors, officers or advisers. To the fullest extent permitted by law, no liability, however arising, will be accepted by Cullen or its directors, officers or advisers, as a result of any reliance upon any forward looking statement contained in this document.

Authorised for release to the ASX by:
Chris Ringrose, Managing Director, Cullen Resources Limited.

Data description as required by the 2012 JORC Code - Section 1 and Section 2 of Table 1 Air Core Drilling– E57/1135 and E77/2606

Section 1 Sampling techniques and data		
Criteria	**JORC Code explanation**	**Comments**
Sampling technique	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 XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.	Sampling was by Air Core (AC) drilling testing bedrock and interpreted geological and/or geophysical targets for gold mineralisation and/or base metals. **54 AC holes for 2102m.**
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	The collar positions were located using handheld GPS units with an approximate accuracy of +/- 5 m. Drill rig cyclone and sampling tools cleaned regularly during drilling.
	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 1m samples from which 3kg was pulverised to produce a 30g 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.	Mineralisation determined qualitatively from rock type, alteration, structure and veining observations. Air core drilling was used to obtain one metre samples delivered through a cyclone and were placed on the ground. A ~500g sample was collected using a scoop and four of such 1m samples were combined into one 4m composite samples. The composite samples (2-3kg) were sent to Perth laboratory MinAnalytical for analysis.
Drilling technique	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method etc.).	AC drilling using a 4.5 inch bit.
Drill Sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed	Air core sample recovery was assessed visually and adverse recovery recorded. The samples were generally dry, a few were damp, and showed some (<10%) variation in volume.
	Measurements taken to maximise sample recovery and ensure representative nature of the samples.	The samples were visually checked for recovery, contamination and water content; the results were recorded on log sheets. Cyclone and buckets were cleaned regularly and thoroughly (between rod changes as required and after completion).
	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.	The holes were generally kept dry and there was no significant loss/gain of material introducing a sample bias.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining and metallurgical studies.	All samples were qualitatively logged by a geologist in order to provide a geological framework for the interpretation of the analytical data.

	Whether logging is qualitative or quantitative in nature. Core (or costean, channel etc.) photography.	Logging of rock chips was qualitative (lithology, type of mineralisation) and semi-quantitative (visual estimation of sulphide content, quartz veining, alteration etc.).
	The total length and percentage of the relevant intersections logged	Drill holes logged in full.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Not applicable (N/A)
	If non-core, whether riffles, tube sampled, rotary split, etc. and whether sampled wet or dry.	One-metre samples were collected from a cyclone attached to the drill rig into bags or buckets, then emptied on to the ground in rows. Composite samples were taken using a sampling scoop.
	For all sample types, quality and appropriateness of the sample preparation technique.	All samples pulverised to produce a homogenous representative sub-sample for analysis. A grind quality target of 85% passing 75µm is established and is relative to sample size, type and hardness. *Analysis of all drill samples : Gold (Au), Silver (Ag,) Arsenic (As), Bismuth (Bi) Copper (Cu), Cobalt (Co), Molybdenum (Mo), Nickel (Ni), Lead (Pb), Antimony (Sb), Tellurium (Te), Tungsten (W) and Zinc (Zn)) was analyzed by Aqua Regia digest with ICP-MS finish.*
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Certified reference materials and blanks are inserted by the laboratory and reported in the final assay report. Check analyses to be undertaken by the laboratory.
	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.	No field duplicate samples were taken – one metre resampling and duplicating was anticipated for any mineralised intersections.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample size is considered appropriate for the purpose of these drilling programmes, which are reconnaissance only, primarily aimed at establishing bedrock mineralisation, geology and presence of favourable shear structures for gold and base metals..
	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	Technique partial but adequate for this phase of drilling.
	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.	N/A.
Quality of assay data and laboratory tests	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.	International standards, blanks and duplicates to be inserted by the laboratory.

Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Experienced contract geologist was geologist on site and visually inspected the samples and sampling procedures.
	The use of twinned holes	N/A
	Documentation of primary data, data entry procedures, data verification, data storage (physically and electronic) protocols.	All primary geological data are recorded manually on log sheets and transferred into digital format.
	Discuss any adjustment to assay data.	No adjustments are made to assay data as presented.
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 Resources estimation.	Drill collar survey by handheld GPS. Several measurements (2-3) at different times are averaged; the estimated error is +/-5 m. RL was measured by GPS.
	Specification of the grid system used.	The grid are in MGA grid GDA94, Zone50
	Quality and adequacy of topographic control.	There is currently no topographic control and the RL is GPS (+/-5m).
Data spacing and distribution	Data spacing for reporting of Exploration Results.	The drilling tested stratigraphy and interpreted structures.
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Reserve and Ore Re4serve estimation procedure(s) and classifications applied.	The drilling was reconnaissance and not designed to satisfy requirements for mineral reserve estimations.
	Whether sample compositing has been applied.	The drill spoil generated was composited into 4m samples.

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.	The drilling is reconnaissance level and designed to test geophysical and geological targets, to assist in mapping, and to test for mineralisation below anomalies. Air core drilling along existing tracks (generally 025 - 090°).
	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.	N/A
Sample security	The measures taken to ensure sample security.	All drilling samples are handled, transported and delivered to the laboratory by experienced contractors. All samples were accounted for.
Audits or reviews	The results of and audits or reviews of sampling techniques and data.	No audits or reviews of sampling techniques and data have been conducted to date.

Section 2 Reporting of exploration results		
Mineral tenements 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 interest, historical sites, wilderness or national park and environmental settings.	The drill targets are located on E77/2606 and E57/1135 owned 100% by Cullen Exploration Pty Ltd (a wholly-owned subsidiary of Cullen Resources Limited). Cullen has completed a heritage agreement under which this first pass work was completed. Particular environmental settings have been considered when planning drilling.
	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 tenure is secure and in good standing at the time of writing.
Exploration done by other parties	Acknowledgement and appraisal of exploration by other parties.	There has been no previous drilling by Cullen in the general area of this current programme nor any historical drilling to our knowledge.
Geology	Deposit type, geological settings and style of mineralisation.	The targeted mineralisation is shear-hosted Au mineralisation.
Drill hole information	A summary of all information material for the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	
	· E*asting and northing of the drill hole collar*	See included table for drill position parameters and notable assays.
	· *Elevation or RL (Reduced level-elevation above sea level in metres)and 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.	N/A
Data aggregation methods	In reporting Exploration results, weighing 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.	N/A
	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.	N/A

	The assumptions used for any reporting of metal equivalent values should be clearly stated.	N/A
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results.	AC Drilling was at -60 degree angles. The stratigraphy encountered in drilling appears to be dipping to the west at a moderate angle (~50°).
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	N/A
	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')	Down hole assays reported.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts would 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.	See included figures

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.	"Significant" and examples of "background" assay results are included.
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 containing substances.	N/A – reported previously
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	Further work is planned.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, providing this information is not commercially sensitive.	See included figures.

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