

**ASX Code: AIV**

**28 October 2018**

**Issued Capital**

177,228,401 ordinary shares (AIV)

**Market Capitalisation**

\$31.9M (25 October 2019, \$0.18)

**Directors**

Min Yang (Chairman, NED)

Mark Derriman (Executive Director)

Geoff Baker (NED)

Dongmei Ye (NED)

Craig McPherson (Company Secretary)

**About ActivEX**

ActivEX Limited is a minerals exploration company committed to the acquisition, identification, and delineation of new resource projects through active exploration.

The ActivEX portfolio is focussed on copper and gold projects, with substantial tenement packages in the north and southeast Queensland and in the Cloncurry district of northwest Queensland.

The Company also has an advanced potash project in Western Australia where it is investigating optimal leaching methods for extraction and production of potash and by-products.

Suite 2, 3B Macquarie Street  
Sydney, NSW 2000

[admin@activex.com.au](mailto:admin@activex.com.au)  
[www.activex.com.au](http://www.activex.com.au)

Phone +61 (02) 9251 9088

ABN 11 113 452 896

## PENTLAND GOLD PROJECT

### PENTLAND EXPLORATION RESULTS

(Assays to 42.5 g/t gold, 1.55% copper, 0.91% lead and 42.5 g/t silver)

#### Summary and Highlights

- Significant rock chip assay results received from sampling within the Pentland Gold Project by unlisted Joint Venture partner Rockland Resources Pty Ltd.
- Multi-elements assay results from 47 surface rock samples within the Pentland Gold Project returned.
- Five samples exceed 3 g/t Au from 3.5-42.5 g/t Au with the later best result also having 1.55% copper, 0.91% lead and 42.5g/t silver.
- Statistical analysis of the geochemical results indicated the following element correlations with Au with 1 being a perfect correlation  
0.8-1 (lead, silver, bismuth, copper, and tellurium), 0.6-0.8 (selenium). These results will be used and updated to assist in delineating geochemical mineralising vectors.
- **These results confirm that the Pentland Project remains a high priority exploration target for 2020 field season and beyond.**

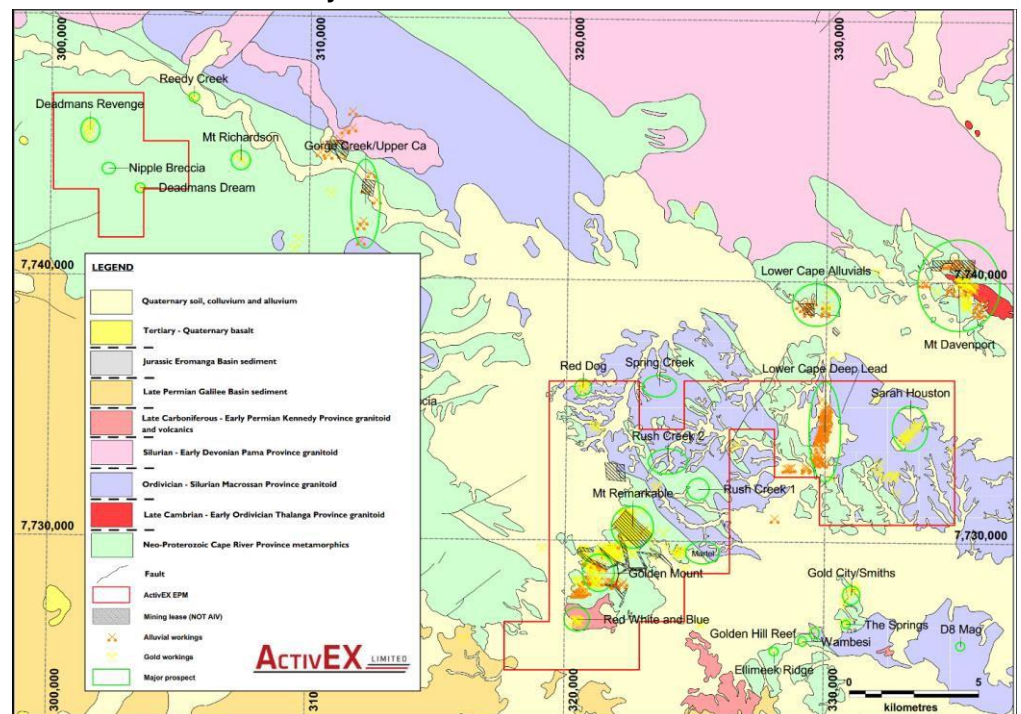


Figure 1. ActivEX Limited Pentland Gold Project regional geology

ActivEX Limited ('ActivEX' or the 'Company') is pleased to announce that results have been received from rock chip sampling within the Pentland Gold Project, EPM 14332, (Figure 1). Attendant rock chip samples have been assayed returning high grade gold assays of up to 42.1g/t Au, 1.55% copper and 1.2% lead

The Pentland Gold Project consists of tenement EPM 14332 (Pentland), which comprises a total of 39 sub-blocks and encompass an area of 125km<sup>2</sup> (Figure 2 & 12). The Project is located in the Charters Towers district of northern Queensland. The township of Pentland is located within the tenement area, in the southeast of EPM 14332. The project contains 4 established prospects where ActivEX has carried out extensive ground-based surveys. Outside of these areas, the project package is only lightly explored and significant potential remains.

The Pentland tenement encompasses much of the Cape River Gold and Mineral Field. Alluvial, deep lead and primary gold were discovered along the Cape River in 1867. Recorded production from the field was around 45,000 ounces (approximately 1400kg), but true production was considerably more as there is no record of the amount extracted by the Chinese miners, who were almost as numerous as Europeans during the productive years of the field in the late 1800's. Several areas within the Exploration Permit have seen small scale mining since that time. The Pentland tenements cover an area in which a wide variety of mineralisation styles have been identified and worked in part, including quartz vein gold, alluvial, eluvial and deep lead gold, shear zone hosted gold, epithermal and porphyry-related gold, porphyry-related copper-molybdenum, and shear-breccia zone hosted Pb-Cu-Au.

Gold, copper and molybdenum mineralisation is hosted in breccia zones containing diorite fragments in a vuggy quartz-sulphide matrix and steeply dipping, vuggy quartz-galena-sphalerite veins. There are many mineral occurrences in the tenement with four prospects currently under investigation at various stages in the exploration process.

A Farm-in & Joint Venture agreement (JV) has been finalised with unlisted company Rockland Resources Pty Ltd (ACN 601 029 529) (Rockland) over the Company's 100% owned Pentland gold tenement located in North-east Queensland, approximately 100km west of Charters Towers. The tenement is located in the highly mineralised Cape River Province

Rock sampling results by Rockland (Figure 2) in April and July 2019 became available to the Company on 20<sup>th</sup> October 2019 following the execution of the Joint Venture Agreement (announced to the ASX on the 18<sup>th</sup> October 2019). The results are presented for the first time in this announcement.

Preliminary statistical analyses of the exploration results indicates the following element correlations with gold with a correlation of 1 being a perfect correlation between the elements.

0.8 to 1 – very high correlations were achieved with silver (0.96), lead (0.90), bismuth (0.96), Tellurium (0.95) and copper (0.97)

0.6 to 0.8 – a high correlation was achieved with selenium (0.74),

Some of these elements have a common association with epithermal gold mineralisation and potentially provide broader geochemical targets for ongoing exploration and drill targeting.

Rockland will be aggressively exploring the tenement in 2019/2020 with the aim to sample and evaluate all known prospects by soil/rock sampling and geological mapping.

For further information, contact:  
Mr Mark Derriman, Executive Technical Director  
or Mr Craig McPherson, Company Secretary

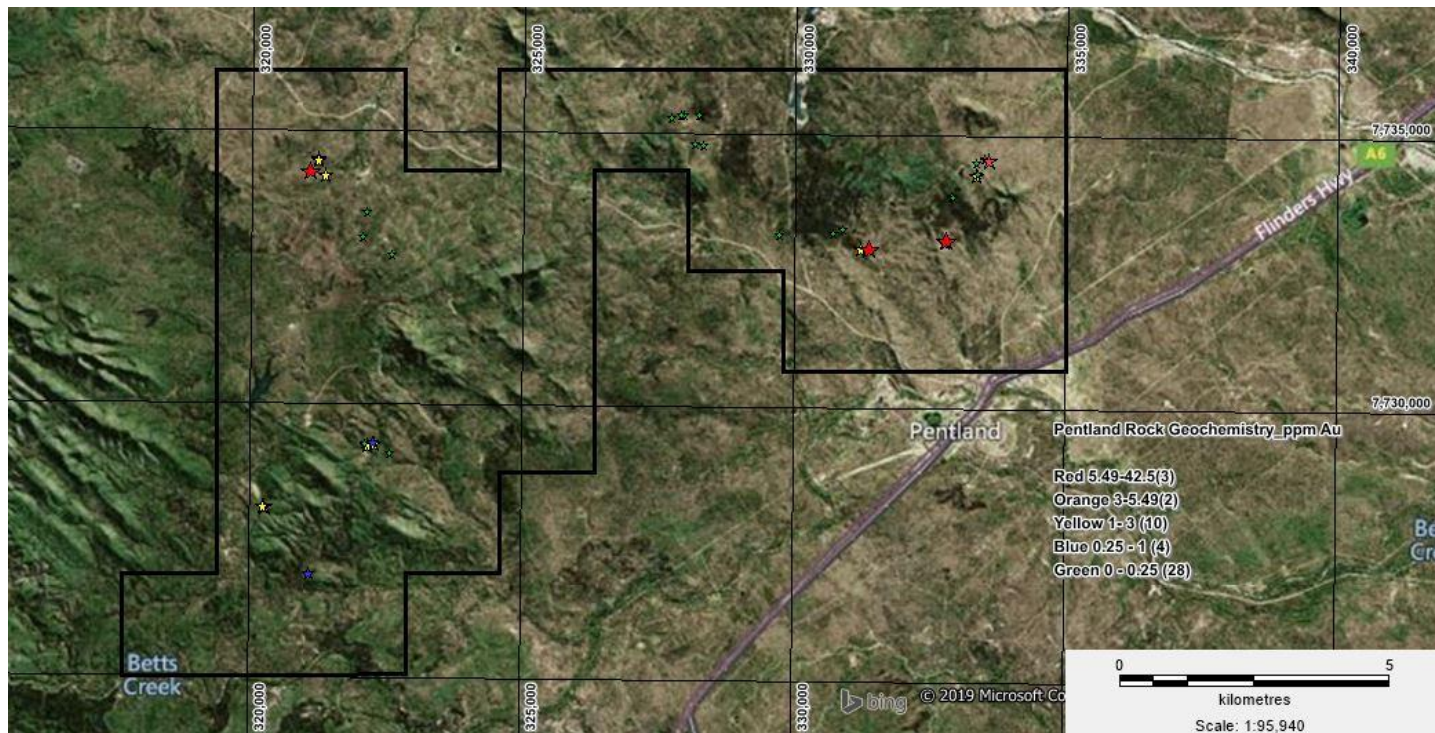


Figure 2. Rockland Au ppm in rock sampling assay results

Table 1. Pentland Gold Project rock chips assay results.

Sample	GDA_E	GDA_N	Au_ppm	Ag_ppm	Al_ppm	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_ppm	Cd_ppm
PL19RC001	333473	7734596	0.006	0.04	42900	33.1	600	2.4	0.69	800	0.03
PL19RC002	333566	7734575	3.53	0.25	28200	28.8	420	2.57	0.34	600	0.17
PL19RC003	333343	7734512	0.009	0.03	49100	67.7	300	2.06	0.09	400	0.07
PL19RC004	333347	7734299	2.57	0.87	38600	157	450	2.67	0.22	500	4.96
PL19RC005	333360	7734305	0.009	0.04	35300	63.7	300	1.85	0.21	400	0.13
PL19RC006	332887	7733904	0.006	0.05	15500	41	110	1.14	0.19	200	0.02
PL19RC007	332911	7733870	0.044	0.09	9400	15.2	20	0.2	0.12	500	0.03
PL19RC008	332768	7733050	0.648	3.72	66500	369	290	2.78	0.4	300	0.54
PL19RC009	332794	7733087	6.65	1.88	16500	519	90	1.78	0.41	200	1.51
PL19RC014	329703	7733173	0.035	0.07	2300	6.5	60	0.1	0.12	100	0.02
PL19RC015	328244	7735337	0.002	0.02	58200	281	660	1.81	0.17	200	0.08
PL19RC016	328220	7735357	0.002	0.02	32900	14.7	400	1.66	0.06	200	-0.02
PL19RC017	327936	7735333	0.02	0.46	7400	236	630	2.99	0.62	400	0.07
PL19RC018	327894	7735338	0.007	0.03	23000	48.9	550	1.22	0.18	200	0.03
PL19RC019	327699	7735287	0.004	0.02	2100	18.1	40	0.57	0.09	100	-0.02
PL19RC020	328143	7734815	0.003	0.7	16900	375	280	2.84	23.8	1000	0.12
PL19RC021	328140	7734811	0.002	0.77	11300	180.5	180	1.32	33.9	200	0.07
PL19RC022	328147	7734807	0.003	0.52	11500	69.2	80	0.73	17.35	200	0.05
PL19RC023	328296	7734803	0.002	0.04	59600	154	590	3.59	0.31	600	0.13
PL19RC024	330700	7733201	0.002	0.01	69600	4.6	920	1.52	1.05	3700	0.03
PL19RC025	330885	7733268	0.051	0.19	15100	41.7	170	1.13	0.89	200	0.03
PL19RC026	331215	7732923	2.29	1.32	21000	1130	1690	2.86	0.87	400	0.11
PL19RC027	331218	7732920	0.101	0.05	22200	113.5	700	3.86	0.45	1000	0.02
PL19RC028	331379	7732940	0.104	0.52	48900	65.6	1550	1.54	0.11	300	-0.02
PL19RC029	331382	7732927	1.855	2.39	39200	244	1670	2.74	0.23	700	0.03
PL19RC030	331375	7732932	5.49	5.26	29300	784	1220	2.4	0.27	500	0.05
PL19RC031	331379	7732928	0.125	0.25	3900	74	190	0.37	0.13	100	-0.02
pljv19rc007	321089.9988	7726879.897	0.299	0.34	54200	20.1	320	0.94	2.5	200	0.08
pljv19rc008	320259.3949	7728123.404	3.49	109	10900	339	250	1.75	0.15	400	0.84
pljv19rc009	320256.4016	7728109.997	0.124	0.22	9300	31.9	110	0.51	0.06	300	-0.02
pljv19rc010	320254.703	7728121.394	1.64	22.3	12400	1310	190	2.55	2.78	300	5.01
pljv19rc011	320243.1011	7728120.694	2.03	2.68	51900	389	320	2.77	0.4	200	0.07
pljv19rc012	322572.7005	7729096.896	0.028	0.13	1500	14.7	20	0.17	0.03	200	0.04
pljv19rc013	322165.1002	7729258.493	2.29	1.57	14200	39.2	770	0.88	0.29	300	0.08
pljv19rc014	322289.6042	7729271.5	1.505	3.03	29700	35.5	550	2.43	1.38	200	0.03
pljv19rc015	322261.2962	7729304.094	0.601	0.2	35600	33.9	130	1.43	0.1	300	0.06
pljv19rc016	322109.7953	7729287.597	0.17	2.49	8600	18.7	150	0.48	1.08	100	0.11
PLJV19RC18	322040.6704	7733068.577	0.009	0.06	37800	537	420	1.53	2.81	1100	0.48
PLJV19RC19	322033.6862	7733071.577	0.063	2.9	2900	13.2	30	0.19	81.5	200	0.02
PLJV19RC20	322036.597	7733069.757	0.007	0.35	28000	29.6	200	1.17	3.19	600	0.34
PLJV19RC21	322035.7806	7733065.448	0.363	11.9	8100	18.7	190	0.52	24.1	300	0.83
PLJV19RC22	322105.4745	7733523.795	0.005	0.15	21600	65.4	380	1.61	0.86	300	-0.02
PLJV19RC23	322572.6923	7732736.435	0.004	0.08	50700	39	520	2.15	0.24	300	-0.02
PLJV19RC24	321342.4453	7734188.729	2.35	0.49	1700	6.3	30	0.27	6.96	200	-0.02
PLJV19RC25	321064.6181	7734262.714	42.5	410	5700	4.7	120	0.49	924	200	0.06
PLJV19RC26	321223.9195	7734492.268	2.14	1.93	27100	34	1480	1.86	5.94	200	-0.02
PLJV19RC27	321223.2186	7734476.571	1.665	1.09	5300	6.1	420	0.5	2.86	100	-0.02

Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_ppm	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K_ppm	La_ppm	Li_ppm
75.9	4	56	3.81	35.7	19600	10.8	0.18	2.2	0.043	13100	58.9	21.9
35.4	6.5	52	3.13	37.2	22400	7.81	0.06	1.5	0.03	8000	17	38.2
51.2	3.1	18	1.96	4	28800	13.7	0.07	1.9	0.01	11000	30.7	34.5
48	6.2	56	4.09	388	60100	12.05	0.09	1.1	0.067	20500	25.5	36.7
31.5	4.3	26	2.54	11.4	16600	8.87	0.05	0.5	0.023	7900	15.3	45.5
23	3	39	1.26	8.9	14400	4.08	-0.05	0.7	0.013	2800	16.6	30.6
67.8	2.4	61	0.25	5.4	15200	3.52	0.08	0.5	-0.005	500	33.4	3.8
93.5	4.4	30	9.42	32.3	57800	17.65	0.12	3.1	0.127	20200	48.5	20.7
20.6	2.1	49	7.33	37.4	30600	5.42	-0.05	2.4	0.117	6100	12.6	17.1
4.88	1	64	0.22	4.8	13200	1.02	-0.05	0.1	-0.005	900	2.4	7.1
91.5	7.1	107	1.32	40.8	34500	16.6	0.13	2.6	0.049	10200	48.2	24.2
33.6	3.2	62	1.14	8.2	20100	7.68	0.05	0.7	0.009	7900	16.9	17.1
9.87	78.7	2480	1.04	22.1	72800	2.77	-0.05	0.2	0.013	1900	3.6	22.6
12.65	4.2	72	1.05	26.7	26900	4.52	-0.05	1.7	0.013	10700	6.9	13.8
5.49	2.4	67	0.29	6.6	24600	0.88	-0.05	0.1	-0.005	500	1.6	7.5
36.5	9	51	1.16	94.1	71100	4.87	-0.05	0.6	0.024	2000	25.3	19.9
21.5	3.4	45	0.98	61.6	39700	3.54	-0.05	0.5	0.017	2000	13.7	17.1
16.4	4.1	88	0.5	19.5	31200	5.42	-0.05	0.6	0.107	1300	9.6	5.2
47.5	12.3	25	2.14	10.8	67000	15.35	-0.05	3.6	0.021	9600	26.1	23.3
4.49	2.1	22	7.15	1.9	12500	12.45	-0.05	1.1	0.008	41600	1.7	4.1
23.5	1	42	1.16	8.6	14000	5.14	-0.05	0.8	0.025	6400	13.6	13
22	3.4	109	4.47	8.5	32800	5.59	-0.05	0.7	0.026	4100	12.4	33.6
7.55	6.4	116	3.66	8.8	32600	4.98	-0.05	0.8	0.033	3500	3.4	30.7
40.2	1.1	18	2.15	4.5	11400	10.85	0.05	2.5	0.006	29100	19.3	19.8
47.9	2.5	38	2.18	14.8	30100	9.12	0.07	1.9	0.03	12600	23.9	28.1
31	2.2	60	2.43	13.3	33200	7.05	0.05	1.3	0.043	9300	14.7	32.6
5.2	1.1	58	0.39	5.6	15700	1.25	-0.05	0.6	-0.005	700	2.5	4.1
34.5	3.5	13	1.07	72.7	174000	11.45	0.15	4.1	0.268	20200	16.4	4.2
17.2	8.4	45	2.31	63	25900	3.04	0.05	1.1	0.135	4800	8.3	7.3
16.6	1.9	33	0.42	5.9	7400	2.22	-0.05	0.6	0.012	3800	9.2	5.2
28.5	10.5	45	2.71	113.5	58700	5.08	0.07	1.4	1.7	5600	13.7	6.1
71.1	2.8	58	4.19	27.1	41900	14.7	0.09	2.7	0.209	19000	35.7	8
2.14	1.4	54	0.16	4.3	9700	0.43	-0.05	0.1	0.011	300	0.7	1.4
20.6	5.7	53	1.19	28.5	25400	5.15	0.05	1	0.028	5600	10.3	10.7
155	6.6	50	3.74	43.5	34000	9.95	0.17	1.6	0.04	13500	70.6	17.6
27	13	90	1.15	18.5	39600	10.15	0.07	1.3	0.038	6600	15.1	14.7
8.04	8.2	53	0.59	99.5	25000	2.79	-0.05	0.3	0.014	3000	4.5	5.2
41.4	5.5	116	0.79	30.3	72100	11.45	0.09	1.5	0.155	2300	23.5	23
3.84	0.6	21	0.19	8.9	9700	1.02	-0.05	0.1	0.058	900	2.1	4.4
20	5	78	1.15	98	26900	7.64	0.06	1	0.057	2000	10.6	32.9
9.97	0.9	35	0.37	94.8	12000	2.04	-0.05	0.3	0.124	2100	5.5	8.1
44.6	1.7	36	4.41	7.4	26800	8.41	0.08	1.3	0.028	6900	24.1	27.3
56.2	3.3	42	2.05	17	27500	12.05	0.1	1.5	0.034	13800	27.5	15.5
1.48	0.6	34	0.19	11	16500	0.52	-0.05	-0.1	-0.005	400	0.8	8
4.82	2.1	41	0.36	15450	50100	1.83	0.07	0.1	0.122	3100	2.4	7.6
41.8	7.7	60	2.58	54.3	28700	8.15	0.07	0.7	0.03	13300	21.1	14.5
9.3	2.1	57	0.43	12.1	27500	1.83	-0.05	0.3	0.009	2300	5.1	7.7

Mg_ppm	Mn_ppm	Mo_ppm	Na_ppm	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_ppm	Sb_ppm	Sc_ppm
1000	303	1.44	500	8.4	14.3	230	30.6	62.1	-0.002	200	42.7	7.2
1000	334	2.61	300	4.9	14.3	190	172	59.7	-0.002	100	47.3	4.4
1100	210	1.47	300	7.5	8.7	270	8.9	63.3	0.002	100	32.7	3
1800	588	2.08	400	5.1	25.7	170	2110	108.5	-0.002	300	31.6	8.9
900	379	0.88	200	4.6	8.3	230	32.2	54.9	-0.002	200	19	4.2
300	110	2.13	100	2.4	8.8	80	28.7	22.6	-0.002	100	15.45	2.3
1400	168	3.54	500	0.3	7.6	50	13.7	3.5	-0.002	100	2.64	1.8
2200	98	1.97	300	7.6	8.5	610	448	130.5	-0.002	300	11.5	10.5
800	174	2.63	200	3.4	6.6	230	515	45.2	-0.002	800	16.85	3.8
100	177	4.17	100	0.3	3.3	10	7.7	5.2	-0.002	100	9.56	0.4
700	127	2.26	400	17	22.1	230	34.6	39	-0.002	100	24.8	10.8
1300	103	3.04	600	3.1	10.6	70	9	29.3	-0.002	100	11.75	3
1100	1180	5.33	500	0.8	1140	130	9	10.8	-0.002	200	39.2	5.5
300	255	2.24	600	4.4	20.5	110	18.3	27.5	-0.002	100	20.6	4.5
100	307	4	100	0.2	8.5	20	10.8	2.8	0.002	100	7.92	1.2
800	480	2.65	200	2.4	31.3	720	2250	11.8	-0.002	900	42.2	5.1
300	215	2.86	100	1.7	13.9	540	2110	11.6	-0.002	700	26	2.5
200	230	2.55	100	1	35.3	270	787	7.9	-0.002	500	39.7	2.4
1200	1210	1.26	300	12	26.6	460	17.6	48.6	-0.002	100	31.4	11.1
1700	97	1.1	16200	0.9	4.7	10	31.8	121.5	0.002	100	0.54	2.9
900	128	3.39	200	2.4	3.5	100	114	37.8	-0.002	100	4.76	3
400	117	4.7	300	2.7	12.3	160	57.8	33.3	0.002	1800	158	5.1
800	381	4.72	300	2.7	18.8	120	19.8	32.8	-0.002	200	42.4	7.5
100	115	15.4	1100	2.7	3	120	30.9	116.5	-0.002	1400	22.9	1.2
500	167	2.67	900	5.5	7.9	200	24.5	51.3	-0.002	3700	67.4	3.8
700	190	4.4	700	3	7.5	160	29	39.2	0.002	5500	115	3.6
100	135	3.76	100	1.6	4.3	40	9.3	4.4	-0.002	700	13.05	0.7
1800	114	1.8	1600	5.1	2.7	750	120	87.6	-0.002	800	0.63	13.3
500	790	2.76	200	2	7.9	300	367	28.2	-0.002	1600	14.65	1.8
400	145	2.05	100	1.4	3	140	21.2	28.9	-0.002	-100	0.94	1.1
500	439	3.23	200	2.3	7.5	520	908	35	-0.002	1400	35.7	2.5
2300	82	1.55	300	7.8	8.5	250	323	126.5	-0.002	100	7.47	10.3
100	197	3.54	100	0.2	3.4	20	16.6	2.1	-0.002	-100	0.86	0.2
900	88	18.95	100	2.1	10.5	120	76.8	33.5	-0.002	2600	25.8	2.1
1900	147	6.03	200	5.1	15.3	370	486	95.8	-0.002	1500	28.3	6.7
1000	119	5.06	100	2.9	35	160	24.4	41.4	-0.002	100	26.1	8.2
400	149	5.86	100	1.6	11.2	100	458	14.1	-0.002	3200	9.81	2.1
800	191	5.15	200	13.2	22.1	750	33.9	15.6	-0.002	300	78.3	6.3
100	104	4.54	100	0.3	1.9	110	257	4.4	-0.002	300	4.28	0.3
200	88	2.54	200	9.5	12.5	290	15.5	9.3	0.002	15000	5.68	3.7
300	110	2.98	100	0.9	2.6	90	611	11.1	-0.002	600	3.69	0.8
800	94	2.38	300	6.5	4.9	300	27.2	43.7	-0.002	500	65.6	5.3
900	103	4.81	300	9.5	12.2	170	12.2	58.5	-0.002	200	6.46	7.8
100	97	2.34	100	0.2	2.4	60	18.6	2.1	-0.002	500	1.26	0.3
400	87	4.78	100	0.6	14	320	9110	16.7	-0.002	5500	1.22	1
1700	161	6.83	200	5	12.1	210	65.3	76.6	-0.002	1900	1.79	5.9
400	219	3.1	100	1.3	5.3	70	30.4	15.5	-0.002	1700	0.91	1.4

Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
-1	2.3	70.9	0.85	-0.05	11.85	2380	0.32	3.2	49	13.3	23	26	67.3
-1	1.6	36.8	0.46	0.05	6.96	1400	0.26	3.9	36	8	13.8	45	53
-1	1.8	21.1	0.78	-0.05	15.35	720	0.32	5.7	16	1.7	13.3	30	60.8
-1	4.8	21.9	0.5	-0.05	9.25	1690	0.46	3	77	15.6	12.4	1380	39
1	2.7	46.9	0.42	-0.05	6.22	1250	0.26	2.4	31	5.1	6.3	37	19.1
-1	1.9	15.6	0.23	-0.05	2.7	690	0.1	0.8	19	3.1	4.1	21	18.2
-1	0.9	7	-0.05	-0.05	3.56	340	-0.02	0.8	10	0.4	7.2	11	13.1
2	7	78	0.76	-0.05	23.6	3150	0.56	8	109	7.2	23.1	92	112.5
-1	2.3	52.1	0.29	0.11	5.77	1070	0.16	3.6	28	4.1	6.9	116	86.6
-1	0.3	4.2	-0.05	0.05	0.35	50	0.02	0.1	4	0.2	2.9	4	3.4
-1	2.6	61	0.91	-0.05	18.55	4990	0.15	5.4	127	2.7	13	44	90.9
1	1	37.9	0.2	-0.05	8.16	1000	0.11	1.6	30	0.7	6.1	18	25.6
1	0.4	30	0.06	0.06	1.34	180	0.82	4.3	81	0.5	3.9	93	6.5
1	1.6	42.4	0.43	-0.05	2.33	1200	0.12	1.4	52	4.5	6.8	12	62.3
-1	0.2	3.9	-0.05	0.06	0.48	70	-0.02	0.2	9	0.2	0.6	4	2.7
1	1	54.2	0.19	4.11	3.03	790	0.16	2.4	53	1.4	4.4	64	18.9
-1	1.2	27.1	0.15	4.81	2.04	550	0.14	1.5	36	1.3	2.6	30	17.5
1	5.8	11	0.08	2.18	3.12	410	0.13	1.7	32	6.3	36.2	17	23.2
-1	1.8	28.5	1.14	-0.05	13.2	2010	0.45	4.9	91	8.5	21.9	61	145
1	0.9	112.5	0.06	-0.05	1.52	480	0.51	0.4	23	0.5	2.4	9	21.3
-1	1.7	12.7	0.17	0.23	3.9	710	0.15	1.3	20	5.3	4.3	13	29.3
-1	2	82.7	0.22	0.1	2.22	1460	0.3	3.1	48	4.2	10.5	20	23.6
-1	2.1	38.9	0.24	0.07	2.34	1190	0.16	1.5	50	2.8	6.6	23	14.7
-1	1.6	59.8	0.14	-0.05	14.6	660	0.63	1.9	14	4.2	7.8	8	60.9
1	3	73.6	0.33	-0.05	14	1250	0.41	2.9	33	4.4	16.9	20	66.1
-1	2.9	65.7	0.15	-0.05	7.95	850	0.5	2.6	34	4	15	21	36.4
-1	0.7	7.8	0.06	-0.05	1.45	360	0.05	0.9	8	1.2	4.9	6	20.2
6	21.5	41.6	0.37	0.76	7.89	1590	1.86	1.2	103	3	11.8	139	158.5
-1	1.8	65.7	0.15	0.78	2.81	660	0.4	0.8	16	2.2	4.5	37	26.7
-1	0.7	17.4	0.11	-0.05	2.25	480	0.15	0.4	10	1.4	3.1	6	19.1
-1	2	180.5	0.19	0.2	6.81	840	0.36	1.3	25	2.6	5.6	45	48.2
1	3.5	29.5	0.62	0.66	16.05	2910	0.6	2.5	88	4.7	10.4	24	90.6
-1	0.2	3.4	-0.05	-0.05	0.44	80	0.02	0.1	4	0.1	0.5	8	2.6
1	0.8	28.5	0.17	0.75	4.16	840	0.22	1.5	33	5.5	5.1	28	35.6
-1	3.6	229	0.49	2.71	12.85	1700	0.42	10.7	63	14.2	31.7	54	60.8
-1	0.8	10.8	0.2	0.17	3.22	1940	0.18	4.2	71	10.3	21.1	76	44.1
-1	0.4	20.6	0.12	1.57	1.21	600	0.07	1.4	21	3.6	3.3	26	11.3
1	2.2	151.5	0.76	0.71	3.57	4760	0.11	5.8	98	57.7	16.1	152	55.2
-1	0.4	19.7	-0.05	3.27	0.89	100	0.08	0.4	5	58.3	1.5	9	2.6
-1	1.6	163.5	0.56	0.16	2.13	3740	0.21	1.9	61	24.7	6.4	39	34.9
-1	0.4	15.9	0.1	5.57	1.35	170	0.1	0.9	7	1.8	5.1	62	8.2
-1	2.2	232	0.67	0.15	8.24	2480	0.24	1.9	52	8.7	5.9	17	44
-1	2.5	65.4	0.94	-0.05	11.9	2570	0.27	3.2	54	9.2	12	24	47.3
-1	-0.2	12.6	-0.05	0.24	0.32	70	0.02	0.2	7	0.5	0.4	3	1
11	0.2	12.7	0.05	56.2	1.5	290	0.08	6	35	4.6	1.3	9	3.3
1	1.9	47.8	0.45	0.96	4.77	1980	0.32	3.3	60	33.6	6.1	22	23.3
-1	0.8	17.9	0.09	0.76	0.93	540	0.08	0.9	17	9.6	1.7	8	9.2

**Current Disclosure – Declarations under 2012 JORC Code and JORC Tables**

The information in this report which relates to Exploration Results is based on information reviewed by Mr. Mark Derriman, who is a member of The Australian Institute of Geoscientists (1566) .

Mr. Mark Derriman has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities 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. Mark Derriman consents to the inclusion of his name in this report and to the issue of this report in the form and context in which it appears.



# 1 JORC CODE, 2012 EDITION – TABLE 1 REPORT

## 1.1 SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Random rock samples were collected within the Pentland Gold Project</li> <li>The samples were taken using a standard Geopick with the samples collected in pre numbered calico bags</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>Drilling data is not being reported.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Drilling data is not being reported.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to</li> </ul>	<ul style="list-style-type: none"> <li>Drilling data is not being reported.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p>a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</p> <ul style="list-style-type: none"> <li>• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>• The total length and percentage of the relevant intersections logged.</li> </ul>	
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>• If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>• For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>• 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.</li> <li>• Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>• Rock samples obtained using geo-pick and collected in calico bag.</li> <li>• Rock samples sent for laboratory analysis to ALS Global, Townsville laboratory.</li> <li>• Assays were conducted using standard procedures and standard laboratory checks, by methods ME-MS61 for Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, U, V, W, Y, Zn and Zr, Au- AA25 for Au &gt; 10ppm.</li> <li>• The nature and quality of the sample preparation technique is considered appropriate for the mineralisation style.</li> <li>• The samples sizes are appropriate for the material being sampled.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>• 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.</li> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• The nature and quality of the assaying and laboratory procedures used is considered appropriate for the mineralisation style.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>• The verification of significant intersections by either independent or alternative company personnel.</li> <li>• The use of twinned holes.</li> </ul>	<ul style="list-style-type: none"> <li>• Laboratory results are stored digitally.</li> <li>• Lab data is integrated into a Company Access database.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>All results were verified by Senior Management</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Location of rock chip samples was recorded by handheld GPS device.</li> <li>Co-ordinates are recorded in grid system MGA94, Zone 55.</li> <li>Refer to Table 1 for location of rock samples.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>No sample compositing has been applied.</li> <li>The data spacing is appropriate for the reporting of exploration results</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No sample compositing has been applied.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Sample bags were packed in batches into polyweave bags, secured by plastic tie wires, for transport.</li> <li>Samples were transported to laboratory in Townsville by Rockland personal.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>Standard laboratory procedure for laboratory samples.</li> <li>In-house review assay results.</li> </ul>

**1.2 SECTION 2 REPORTING OF EXPLORATION RESULTS**

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Rock chip sampling was conducted on EPMs 14332, which is held by ActivEX Limited (100%), see Figure 1 and 2 for location.</li> <li>EPMs 14332 forms of the ActivEX Rockland Gold Project.</li> <li>The Pentland Gold Project tenements were granted under the Native Title Protection Conditions. There are no registered Native Title Claims and no registered National Parks.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Numerous companies have carried out surface exploration programs in the Pentland Gold Project area and several occurrences have had limited (and mainly shallow) drill testing. The most recent exploration in the area was carried out by Au King Mining in 2010 who drilled two diamond holes for 1016m at the Stanley Hope prospect, in the eastern half of the licence.</li> <li>For additional information, refer to the ActivEX website (<a href="http://www.activex.com.au/rockland-gold.php">http://www.activex.com.au/rockland-gold.php</a>).</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The geology of the Project area is dominated by the Neoproterozoic to Early Palaeozoic Charters Towers Province. The Charters Towers Province is bound to the east by the New England Orogen and the Broken River Province. On the south western margin near Pentland, the Charters Towers Province is unconformably overlain by the mid-Carboniferous to late-middle Triassic Galilee Basin.</li> <li>The main units occurring within the Project area are: <ul style="list-style-type: none"> <li>Metamorphic units of the basement geology of the Cambrian Cape River Metamorphics consisting mainly of quartzose metasedimentary schist and gneiss derived from sandstone and less commonly mudstone, and the metamorphic grade ranges from upper greenschist to amphibolite facies.</li> <li>The Macrossan Province granitoids largely comprises variably foliated to gneissic tonalite to granodiorite of the Fat Hen Complex,</li> <li>Permo-Carboniferous Kennedy Igneous Association is dominated by felsic magmatism both intrusive and extrusive. The Paiuma Subprovince magmatism is</li> </ul> </li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>dominantly I-type with subordinate young A-type and S-type units.</p> <ul style="list-style-type: none"> <li>The older units are covered by unconformable overlying Permian to Triassic shallow marine sediments of the Galilee Basin.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Drilling data is not being reported.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No data aggregation applied.</li> </ul>
<b>Relationship between mineralisation</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole data not being reported.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>widths and intercept lengths</b>	<p>nature should be reported.</p> <ul style="list-style-type: none"> <li>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').</li> </ul>	
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to enclosed maps and diagrams.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole data not being reported.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to body of report for additional geological observations.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to body of report for further work plans.</li> </ul>