

Appendix 2

Sampling results (see Appendix 1 for map of anomalies):

2013 Grab Sampling

Sample	Easting	Northing	Au (g/t)	Au (ppb)	Description	Occurrence Area
321202	418474	5340308	0.251	251	altered mafic volcanic; 70% quartz-ankerite veining; 4% py	Westgate
321207	416961	5340984	0.064	64	sheared mafic volcanic; 30% carbonate stringers; minor py	
321211	417837	5340195	0.54	540	mafic volcanic; strong ankerite alteration; 70% quartz veining	Westgate
321212	417837	5340195	0.06	60	intermediate volcanic; trace py	Westgate
1026604	423646	5339986	0.074	74	mafic volcanic; moderate carbonate alteration; 4% quartz veining; 1% py	
1026503	415290	5337740	0.289	289	sheared quartz feldspar porphyry; weak ankerite alteration ; 5% quartz veining; trace py	Porphyry Hill
1026504	414653	5337772	0.132	132	fractured feldspar porphyry near diabase dike; 10% quartz veining	Porphyry Hill
1026505	415346	5337401	0.125	125	chlorite-silica schist; sheared and altered sediment; 1% py	
1026506	413836	5337678	0.253	253	massive feldspar porphyry with minor quartz fracture filling; 7% quartz	Porphyry Hill
1026507	413307	5337959	0.06	60	contact between feldspar porphyry and mafic dike; 8% quartz sweats; local chlorite	
321483	416830	5340203	4.89	> 5000 ⁽¹⁾	sub-outcrop-rubble; rusty quartz-ankerite vein with 5% py	Westgate
1026651	420541	5340201	0.063	63	sheared mafic volcanic; sericite-ankerite-chlorite schist; light grey and white mottled quartz stringers	
1026551	419628	5337925	0.056	56	diorite; 60-70% quartz-chlorite veining	
1026638	417322	5336433	0.112	112	50cm white quartz vein	Nib Yellowknife
1026640	417298	5336458	0.359	359	altered diorite; 5-10% white to grey quartz stringers and flooding; 10-20% asp and po	Nib Yellowknife
1026642	417306	5336456	0.081	81	altered diorite; 60-70% mottled grey quartz veining and flooding; 5-10% asp and po	Nib Yellowknife
1026643	417306	5336456	0.29	290	altered diorite; strong quartz flooding; 5-10% asp and po	Nib Yellowknife
1026811	417302	5336427	0.519	519	altered diorite; abundant quartz; 3-5% asp and po	Nib Yellowknife
1026819	417300	5336423	0.946	946	altered diorite; 50-60% sugary grey quartz veining; abundant chlorite; 10-20% asp, py and po	Nib Yellowknife
1026820	417309	5336455	0.344	344	altered diorite; 50-60% grey to white quartz veining; 5-10% asp and po	Nib Yellowknife
1026822	417317	5336458	1.19	1190	quartz gabbro; 3-5% po	Nib Yellowknife
321148	418424	5340304	0.06	60	5-10cm white quartz vein; rusty margins; 0.5-1% py	Westgate
321155	417236	5336476	0.342	342	30cm rusty zone in quartz diorite; 3-5% po	Nib Yellowknife
321156	417261	5336497	0.357	357	3cm smokey grey quartz vein with 3-5% asp in quartz diorite along margins of vein	Nib Yellowknife
321157	417262	5336498	0.417	417	mineralized boulder; 5cm smokey grey quartz vein with >5% asp in quartz diorite along margins of vein	Nib Yellowknife
1026524	417299	5336478	0.216	216	altered diorite; 5-10% asp and po	Nib Yellowknife
1026526	417299	5336467	0.1	100	sheet of rusty grey quartz veining in diorite; 1% py and asp; 95% quartz	Nib Yellowknife

Appendix 2 (Continued)

Sample	Easting	Northing	Au g/t	Au (ppb)	Description	Occurrence Area
1026528	417307	5336458	1.4	1400	sheared diorite; 30-40% rusty quartz veining; 1-3% asp	Nib Yellowknife
1026529	417313	5336467	0.081	81	30cm zone of strongly sheared diorite; 5-10% quartz-ankerite veining; 1% asp	Nib Yellowknife
1026530	417311	5336455	0.365	365	strongly altered diorite; 30-40% quartz veining and flooding; 5% asp	Nib Yellowknife
1026852	417321	5336444	0.206	206	8cm wide mottled grey quartz vein; 1% aspy; 95% quartz	Nib Yellowknife
1026863	414652	5337752	0.228	228	resample of 1026504; feldspar porphyry; moderate ankerite and sericite; 25% quartz fracture fill	Porphyry Hill
1026864	414652	5337764	0.053	53	resample of 1026504; feldspar porphyry; weak ankerite and sericite; 5-10% quartz fracture fill	Porphyry Hill
1026865	413837	5337678	0.615	615	resample of 1026506; fractured and weakly altered feldspar porphyry; 5% quartz stringers; trace py	Porphyry Hill
1026903	417822	5339414	0.146	146	mafic volcanic; weak carbonate and chlorite alteration; quartz veinlets; 2-3% py	
1026656	420337	5340294	1.24	1240	2cm dark grey quartz stringer in altered mafic volcanic; cutting foliation for >1m; minor py in quartz	Eastgate
1026666	420249.5	5340317	0.131	131	5-30cm white quartz vein in altered mafic volcanic; 0.5% py	Eastgate
1026669	420246.5	5340318	0.115	115	5-30cm white quartz vein in altered mafic volcanic; 0.5% py; 20% quartz	Eastgate
1026685	418414	5338710	0.074	74	5-10cm grey fractured rusty and yellow quartz vein in fg sediments; similar to "contact" vein at mine; 80% quartz	New hydro line
1026688	418415	5338707	0.351	351	grey to white sugary quartz veins in fg sediments; 60% quartz	New hydro line
1026691	417316	5336432	37.6	> 5000	4cm greenish white quartz stringer in altered diorite; 10-20% asp; Steetley Talc vein 1	Nib Yellowknife
321432	422720	5336798	0.051	51	sugary white quartz vein in mafic volcanic; local chlorite; minor py and po; 0.5% cpy; 75% quartz	
1026775	420275	5337103	0.096	96	sheared mafic volcanic; 2% cpy and py	

Notes: 1.This grab sample occurred in sub-outcrop and will be further explored to identify outcrop.

Appendix 2 (Continued)

2010 (Rio Tinto) Grab Samples

Sample	Easting	Northing	Au g/t	Au (ppb)	Description	Occurrence Area
766352	414751	5337834	4.41	> 3000	quartz veins with black tourmaline and trace fuchsite; in quartz feldspar porphyry	Porphyry Hill
320593	419192	5340321	4.83	> 3000	quartz stringer zone in mafic volcanic; strong ankerite and sericite alteration; 2% py	Westgate
320594	419192	5340321	0.452	452	mafic volcanic; strong ankerite and sericite alteration; 3-5% py	Westgate
320599	419219	5340340	0.097	97	quartz-black tourmaline vein; bleached ankerite alteration halo in mafic volcanic; 5% py	Westgate
320651	418532	5339183	0.09	90	sericite-ankerite schist; quartz porphyry or altered sediment; 2% sulphides	
320711	419215	5340307	0.126	126	quartz-ankerite-tourmaline vein stockwork in mafic volcanic	Westgate
320712	419225	5340322	0.093	93	quartz-tourmaline stringers in mafic volcanic; strong ankerite alteration; 1-2% py	Westgate
320714	419249	5340321	0.059	59	felsic sill or volcanic; 2-3% py	Westgate
320719	419283	5340318	0.071	71	mafic volcanic; moderate ankerite and sericite alteration; quartz-ankerite stringer; 2% py in wallrock	Westgate
320735	419267	5340332	0.075	75	mafic volcanic; moderate to strong ankerite and sericite alteration; 20-30% quartz veining; 2-3% py	Westgate
320736	419270	5340333	0.076	76	quartz-tourmaline vein; trace py in wallrock	Westgate
320743	419257	5340332	0.074	74	mafic volcanic; strong ankerite and sericite alteration; quartz-ankerite stringers; 2-3% py	Westgate
320757	418593	5340326	0.571	571	mafic volcanic; weak to moderate ankerite and sericite; minor quartz stringers; 1% py	Westgate
320764	418489	5340320	0.424	424	mafic volcanic; strong ankerite alteration; 20-30% white quartz-ankerite vein stockwork; trace py	Westgate
320765	418456	5340314	0.155	155	mafic volcanic; strong ankerite alteration; 20-30% white quartz-ankerite vein stockwork; minor py	Westgate
320767	418345	5340327	1.29	1290	quartz-ankerite vein in mafic volcanic; strong ankerite and sericite alteration	Westgate
320787	417627	5337960	0.069	69	rusty mafic volcanic or chloritic sediment; 2 cm quartz vein; trace py	